



AGRICULTURAL STATISTICS AT A GLANCE 2021



**Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture & Farmers Welfare
Directorate of Economics & Statistics**

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सत्यमेव जयते

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Directorate of Economics & Statistics**

MANOJ AHUJA
SECRETARY



भारत सरकार
कृषि एवं किसान कल्याण मंत्रालय
कृषि एवं किसान कल्याण विभाग
Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture & Farmers Welfare



MESSAGE

Agriculture and allied sector has emerged as the most resilient sector of Indian economy post the COVID-19 pandemic, with positive growth rates and increasing production over the last two years. The sector employs over 50% of the workforce and contributed to around 20% of the country's Gross Value Added in 2020-21 as per the first revised estimates. 'Agricultural Statistics at a Glance' is the flagship publication of the Directorate of Economics & Statistics and is regarded as the most reliable source of comprehensive and updated database on variegated aspects of the agriculture sector in India, including economic & social dimensions, production, trade, minimum support prices, cost of production, food security, subsidy, agriculture input, insurance, land use-statistics etc.

The Directorate of Economics & Statistics has organically revised and upgraded the publication as per the continuously evolving requirements of the contemporary world agricultural scenario. This year's issue has been enriched with the latest Situation Assessment Survey of Agricultural Households 2019. Moreover, with the increasing importance of sustainable agriculture as presented by the Goal 2 of SDG, Zero Hunger: End hunger, achieve food security and improved nutrition and promote sustainable agriculture data on organic farming, CH4 emissions from crop residue & rice cultivation and water stress have also been incorporated in the publication. For wider accessibility and utility of users, this publication is also being simultaneously released on our websites: www.agricoop.nic.in and desagri.gov.in.

I compliment Shri Anil Kumar Sharma, Adviser, Dr. Ramesh Kumar Yadav, Deputy Economic Adviser, Shri Sanjoy Meitei, Economic Officer and their team members for their efforts in bringing out this volume in record time.

I am sure that this issue will be found useful by policy makers, academicians, research organizations, agri-business community and all other stakeholders. I look forward to the comments for further value addition.


(Manoj Ahuja)

May 17, 2022

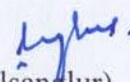


PREFACE

The Directorate of Economics and Statistics is the nodal agency to collate and analyze data on various aspects of Indian agriculture. Its annual flagship publication 'Agricultural Statistics at a Glance' provides a comprehensive database on important parameters, like area, production and productivity of various crops across States, land-use statistics, price support and procurement, international trade, credit and insurance.

The wide-ranging coverage of data and its reliability makes this publication much sought after and valued. This issue of the publication also includes information on new areas of concern in agriculture sector; organic farming, water stress, CH₄ emissions from burning of crop residue.

I am grateful to the various contributing Ministries/ Departments/ Organizations for providing us with the updated material for the publication. I also record my gratitude to all the officers of the Directorate of Economics and Statistics, particularly Shri Anil Kumar Sharma, Adviser and his team for their efforts in bringing out this volume in a new format to align with international reports related to agriculture. The publication will be of immense use to policy makers, farmers, researchers, scientists, administrators, trade, industry, statisticians, economists and the general public.


(Lalsanglur)

... May, 2022

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Acronyms

AAY	Antyodaya Anna Yojana
AE	Advance Estimate
AIBP	Accelerated Irrigation Benefit Programme
AMI	Agricultural Marketing Infrastructure
APL	Above Poverty Line
BE	Budget Estimate
BPL	Below Poverty Line
CACP	Commission for Agricultural Costs and Prices
CBB	Commercial Bank Branch
CCE	Crop Cutting Experiments
CCI	Cotton Corporation of India
CDSBO	Crude Degumed Soybean Oil
CES	Crop Estimation Surveys
CIF	Cost, Insurance & Freight
CIP	Central Issue Price
CMA	Centre for Management in Agriculture, IIM-Ahmedabad
CPI	Consumer Price Index
CPIS	Coconut Palm Insurance Scheme
CSO	Central Statistics Office
CWC	Central Warehousing Corporation
CWC	Central Water Commission
CWWG	Crop Weather Watch Group
DA&FW	Department of Agriculture & Farmers Welfare
DAH	Department of Animal Husbandry
DAP	Di Ammonium Phosphate
DARE	Department of Agricultural Research and Education
DES	Directorate of Economics & Statistics
DFPD	Department of Food & Public Distribution
DGCI&S	Directorate General of Commercial Intelligence & Statistics
DMI	Directorate of Marketing and Inspection
DMS	Delhi Milk Scheme
E	Estimated
EARAS	Establishment of an Agency for Reporting of Agricultural Statistics
ERFS	Extended Range Forecast System
F2	Black Soil
F-414/H-777/J-34	F-414/H-777/J-34 Cotton variety (of Medium Staple Length)
FAO	Food and Agriculture Organisation of the United Nations
FAOSTAT	FAO Statistics
FAQ	Fair Average Quality
FASAL	Forecasting Agricultural Output using Space, Agro-Meteorology and Land Based Observations
FCI	Food Corporation of India
FDI	Foreign Direct Investment
FFB	Fresh Fruit Bunch
FL	Family Labour
FOD	Field Operations Division of NSO
FRL	Full Reservoir Level
FYM	Farm Yard Manure
GCA	Gross Cropped Area
GCES	General Crop Estimation Survey
GCF	Gross Capital Formation
GDP	Gross Domestic Product
GNP	Gross National Product
GSDP	Gross State Domestic Product
GVA	Gross Value Added
GSVA	Gross State Value Added
H-4/H-6	Cotton variety (of Long Staple Length)
Ha	Hectares
HLCC	High Level Coordination Committee

HYV	High Yielding Varieties
I	Irrigated
IAS	Improvement of Agricultural Statistics
IASRI	Indian Agricultural Statistics Research Institute
ICAR	Indian Council of Agricultural Research
ICS	Improvement of Crop Statistics
IEG	Institute of Economic Growth
IIP	Index of Industrial Production
IMD	India Meteorological Department
ISOPOM	Integrated Scheme of Oilseeds, Pulses, Oilpalm and Maize
ISRO	Indian Space Research Organization
K	Potash
KCC	Kisan Credit Card
Kgs	Kilograms
KMPH	Kilometers Per Hour
KWH	Kilo Watt Hour
LPA	Long Period Average
LPCPD	Litres Per Capita Per Day
LS	Light Soil
MIS	Market Intervention Scheme
MNAIS	Modified National Agricultural Insurance Scheme
MNCFC	Mahalanobis National Crop Forecast Centre
MOFPI	Ministry of Food Processing Industries
MRP	Mixed Reference Period
MSCCGMF	Maharashtra State Co-operative Cotton Growers Marketing Federation
MSP	Minimum Support Price
MSR	Marketed Surplus Ratio
N	Nitrogen
N,P&K	Nitrogen, Phosphate and Potash
NA	Not Available/Not Announced
NAFED	National Agricultural Co-operative Marketing Federation of India Limited
NAIS	National Agricultural Insurance Scheme
NC	Not Collected
NCAER	National Council of Applied Economic Research
NCMRWF	National Centre for Medium Range Weather Forecast
NCOF	National Centre of Organic Farming
NDDB	National Dairy Development Board
Neg.	Negligible
NFSA	National Food Security Act
NFSM-OP	National Food Security Mission – Oilpalm
NHB	National Horticulture Board
NHM	National Horticulture Mission
NMOOP	National Mission on Oilseeds and Oilpalm
NNP	Net National Product
NPOP	National Programme for Organic Production
NQ	Not Quoted
NR	Not Recommended / Not Reported
NRSC	National Remote Sensing Centre
NS	New Series Estimates
NSA	Net Sown Area
NSO	National Statistical Office
NSSO	National Sample Survey Organisation
OECD	Organisation of Economic Cooperation and Development
OPAE	Oilpalm Area Expansion Programmes
OPDP	Oil Palm Development Programme
P	Provisional/ Phosphate
PACS	Primary Agricultural Credit Society
PDS	Public Distribution System
PGS	Participatory Guarantee System

PHH	Priority Households
PLDB	Primary Land Development Bank
PM-AASHA	Pradhan Mantri – Annadata Aay Sanrakshan Abhiyan
PMFBY	Pradhan Mantri Fasal Bima Yojana
PMKSY	Pradhan Mantri Krishi Sinchayee Yojana
PSE	Producers Support Estimate
PSEs	Public Sector Enterprises
PSF	Price Stabilization Fund
PSS	Price Support Scheme
QE	Quick Estimate
R	Revised
R&D	Research & Development
R&M	Rapeseed & Mustard
RBI	Reserve Bank of India
RE	Revised Estimates
RGI	Registrar General of India
RKVV	Rashtriya Krishi Vikas Yojana
RMC	Regional Ministers Conference
RRBB	Regional Rural Bank Branch
RWBCIS	Restructured Weather Based Crop Insurance Scheme
SAC	Space Application Centre
SASA	State Agricultural Statistical Authority
SCB	State Cooperative Bank
SDP	State Domestic Product
SFAC	Small Farmers Agri-Business Consortium
SHC	Soil Health Card
SLDB	State Land Development Bank
SRS	Sample Registration Scheme
SSP	Single Super Phosphate
SWC	State Warehousing Corporation
T	Target
T E	Triennium Ending
TD-5	Tossa Deshi variety of Jute
TPDS	Targeted Public Distribution System
TRQ	Tariff Rate Quota
TRRM	Tropical Rains Measuring Mission
TRS	Timely Reporting Scheme
TT	Tentative Targets
UI	Un-irrigated
URP	Uniform Reference Period
UT	Union Territory
WBCIS	Weather Based Crop Insurance Scheme
WPI	Wholesale Price Index
WTO	World Trade Organisation

Conversion Table

Length

1 kilometre (km)	1000 metres (m)
1 km	0.6214 miles
1 m	1.0936 yards
1 m	3.2808 feet
1 mile	1760 yards
1 mile	1.609 km
1 yard	0.9144 m
1 foot	0.3048 m

Area

1 km ²	100 hectares (ha)
1 km ²	0.3861 square mile
1 km ²	247.105 acres
1 m ²	10.7639 square feet
1 ha	10,000 m ²
1 ha	2.4711 acres
1 square mile	2.591 km ²
1 acre	0.4047 ha
1 acre	4046.86 m ²
1 acre	4840 square yard
1 square yard	9 square feet
1 square yard	0.8361 m ²
1 square foot	0.0929 m ²

Weight

1 tonne	1000 kg
1 tonne	1.1023 US ton
1 US ton	0.9072 tonnes
1 hg	100 gram
1 kg	2.2046 pounds (lb)
1 kg	35.274 ounce (oz)
1 lb	0.4536 kg
1 oz	28.3495 gram

Units

1 crore	10 million
1 million	10 lakh
1 lakh	100000
1 billion	1000 million

Key Agricultural Statistics at a Glance- All India				
S.No.	Indicator	Year	Unit	Value
	Land Use Indicators			
1	Geographical Area	2018-19	Million Hectare	328.73
2	Reported Area for Land Utilization Statistics	2018-19	Million Hectare	307.79
3	Area under Forest	2018-19	Million Hectare	72.01
4	Percentage of Area under Forest to Reported Area	2018-19	-	23.40%
5	Gross Cropped Area	2018-19	Million Hectare	197.32
6	Percentage of Gross Cropped Area to reported area	2018-19	-	64.11%
7	Net Area Sown	2018-19	Million Hectare	139.35
8	Percentage of Net Area Sown to Reported Area	2018-19	-	45.27%
9	Area sown more than once	2018-19	Million Hectare	57.97
10	Cropping Intensity (%)	2018-19	-	141.60
11	Net Irrigated Area	2018-19	Million Hectare	71.55
	a) By canals	2018-19	Million Hectare (%)	16.43 (16.00%)
	b) Tube-wells	2018-19	Million Hectare (%)	34.71 (33.81%)
12	Gross Irrigated Area	2018-19	Million Hectare	102.67
13	Intensity of Irrigation	2018-19	-	
	Production & Procurement Indicators			
14	Foodgrains Production (as per 4th Advance Estimates)	2020-21	Million Tonnes	308.65
	(a) Kharif	2020-21	Million Tonnes	149.56
	(b) Rabi	2020-21	Million Tonnes	159.08
15	Horticulture Production (as per 3rd Advance Estimates)	2020-21	Million Tonnes	331.05
16	Milk Production	2019-20	Million Tonnes	198.44
17	Meat Production	2019-20	Lakh Tonnes	85.99
18	Livestock Population as per 20 th Livestock Census	2019	Million Numbers	536.76
19	Fish Production	2019-20	Lakh Tonnes	141.64
20	Procurement			
	(a) Rice- for Kharif Marketing Season 2021-22*	2021-22	Lakh Tonnes	102.36
	(b) Wheat- for Rabi Marketing Season 2021-22*	2021-22	Lakh Tonnes	433.44
	(c) Nutri/Coarse Grains	2020-21	'000 Tonnes	2446.98

	(d) Pulses Procurement under PSS **	2021-22	Lakh Tonnes	8.80
	(e) Oilseeds Procurement under PSS***	2021-22	Lakh Tonnes	1.57
	(f) Cotton	2020-21	Lakh Bales	91.90
	(h) Jute	2020-21	Lakh Bales	
	Macro Economic Indicators			
21	GVA - Agriculture and Allied Sector at constant (2011-12) prices	2020-21	Rs. Crore	2048032
22	Growth Rate of GVA in Agri and Allied sector at Constant (2011-12) Prices	2020-21	-	3.3%
23	Share of Agri & Allied sector in Total GVA at Current Prices	2020-21	-	20.0%
24	Value of Total Agricultural Exports	2020-21	Rs. Crore	308830
25	Percentage Share of Value of Agricultural Exports to National Exports	2020-21	-	14.30%
26	Value of Total Agricultural Imports	2020-21	Rs Crore	154511
27	Percentage Share of Value of Agricultural Imports to National Imports	2020-21	-	5.30%
	Employment Indicators			
28	Total Number of Cultivators as per Census 2011	2011	Million	118.8
29	Total Number of Agricultural Laborers as per Census 2011	2011	Million	144.3
30	Percentage share of Agricultural Workers (Cultivators and Agricultural Laborers) in Total Workforce as per Population Census 2011	2011	-	54.6%
31	Total No. of Operational Holdings as per Agriculture Census 2015-16	2015-16	Lakh	1464.54
	a) Marginal Holdings (upto 1 hectare)	2015-16	Lakh (% share)	1002.51 (68.45%)
	b) Small Holdings (1-2 hectare)	2015-16	Lakh (% share)	258.09 (17.62%)
	c) Others (Above 2 hectare)	2015-16	Lakh (% share)	203.92 (13.93%)
Source: DES, DGCI&S, DFPD, RGI and NSO				
*As on 30.10.2021				
As on 24.02.2022		*As on 27.10.2021		

Chapter 1

Economic & Social Dimensions of Agriculture

1.1(a): Population and Agricultural Workers

Year	Total Population	Average Annual Exponential Growth Rate (%)	Rural Population	Total Workers	(In Million)		
					Agricultural Workers		
					Cultivators	Agricultural Labourers	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1951	361.1	1.25	298.6 (82.7)	139.5	69.9 (71.9)	27.3 (28.1)	97.2 (69.7)
1961	439.2	1.96	360.3 (82.0)	188.7	99.6 (76.0)	31.5 (24.0)	131.1 (69.5)
1971	548.2	2.20	439.0 (80.1)	180.4	78.2 (62.2)	47.5 (37.8)	125.7 (69.7)
1981	683.3	2.22	525.5 (76.9)	244.6	92.5 (62.5)	55.5 (37.5)	148.0 (60.5)
1991	846.4	2.16	628.7 (74.5)	314.1	110.7 (59.7)	74.6 (40.3)	185.3 (59.0)
2001	1028.7	1.97	742.5 (72.2)	402.2	127.3 (54.4)	106.8 (45.6)	234.1 (58.2)
2011	1210.9	1.50	833.7 (68.9)	481.9	118.8 (45.1)	144.3 (54.9)	263.1 (54.6)

Source : Registrar General of India.

Notes :

1. For 2001, figures include estimated figures for those of the three sub-divisions viz. Mao Maram, Paomata and Purul of Senapati district of Manipur as census results of 2001 Census in these three sub-divisions were cancelled due to technical and administrative reasons.
2. The 1991 Census could not be held owing to disturbed conditions prevailing in Jammu & Kashmir. Hence the population figures for 1991 of Jammu & Kashmir have been worked out by 'interpolation'. The data on workers in Col. 5-7 exclude J&K.
3. The 1981 census could not be held in Assam. The figures for 1981 for Assam have been worked out by interpolation. The data on workers in Col. 5-7 exclude Assam.
4. Figures within parentheses in Col.-4 are percentages to the Total Population.
5. Figures within parentheses in Col.-6 and 7 are percentages to Col.-8.
6. Figures within parentheses in Col.-8 is percentage share of Agricultural Workers in Total Workers.

1.1(b): State-wise Classification of Agricultural Workers- 2011

States\UTs	Total / Urban / Rural	Cultivators (Main and Marginal)	Agricultural Labour (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labour (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labour (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
India	Total	118808780	144333690	82762934	82742337	36045846	61591353
	Rural	115084638	136998308	79895308	77932222	35189330	59066086
	Urban	3724142	7335382	2867626	4810115	856516	2525267
Jammu & Kashmir	Total	1245316	547705	765527	414344	479789	133361
	Rural	1180384	498531	729874	376051	450510	122480
	Urban	64932	49174	35653	38293	29279	10881
Himachal Pradesh	Total	2062062	175038	906154	103060	1155908	71978
	Rural	2048582	170279	899954	99801	1148628	70478
	Urban	13480	4759	6200	3259	7280	1500
Punjab	Total	1934511	1588455	1753359	1239445	181152	349010
	Rural	1840001	1474732	1669638	1146165	170363	328567
	Urban	94510	113723	83721	93280	10789	20443
Chandigarh	Total	2578	1687	2114	1375	464	312
	Rural	457	168	406	122	51	46
	Urban	2121	1519	1708	1253	413	266
Uttarakhand	Total	1580423	403301	735412	286540	845011	116761
	Rural	1558630	372841	720621	261909	838009	110932
	Urban	21793	30460	14791	24631	7002	5829
Haryana	Total	2480801	1528133	1789122	1041241	691679	486892
	Rural	2398597	1405956	1721232	943900	677365	462056
	Urban	82204	122177	67890	97341	14314	24836
Delhi	Total	33398	39475	27458	31352	5940	8123
	Rural	13614	8528	11280	6473	2334	2055
	Urban	19784	30947	16178	24879	3606	6068

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States\UTs	Total / Urban / Rural	Cultivators (Main and Marginal)	Agricultural Labour (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labour (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labour (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rajasthan	Total	13618870	4939664	7518486	2132669	6100384	2806995
	Rural	13358033	4733917	7349824	2013143	6008209	2720774
	Urban	260837	205747	168662	119526	92175	86221
Uttar Pradesh	Total	19057888	19939223	15511533	13803442	3546355	6135781
	Rural	18500982	18910579	15030284	12957833	3470698	5952746
	Urban	556906	1028644	481249	845609	75657	183035
Bihar	Total	7196226	18345649	5745420	12570717	1450806	5774932
	Rural	7008060	17831900	5583964	12173757	1424096	5658143
	Urban	188166	513749	161456	396960	26710	116789
Sikkim	Total	117401	25986	63327	12883	54074	13103
	Rural	116532	24880	62869	12297	53663	12583
	Urban	869	1106	458	586	411	520
Arunachal Pradesh	Total	302723	36171	152863	18377	149860	17794
	Rural	298137	33558	150267	16862	147870	16696
	Urban	4586	2613	2596	1515	1990	1098
Nagaland	Total	537702	62962	259454	31857	278248	31105
	Rural	516783	55677	250559	28133	266224	27544
	Urban	20919	7285	8895	3724	12024	3561
Manipur	Total	574031	114918	327109	46032	246922	68886
	Rural	523537	90644	293208	35797	230329	54847
	Urban	50494	24274	33901	10235	16593	14039
Mizoram	Total	229603	41787	129482	22488	100121	19299
	Rural	192194	19085	107813	9555	84381	9530
	Urban	37409	22702	21669	12933	15740	9769
Tripura	Total	295947	353618	228868	214106	67079	139512
	Rural	285729	338922	219951	203358	65778	135564
	Urban	10218	14696	8917	10748	1301	3948
Meghalaya	Total	494675	198364	277330	106342	217345	92022
	Rural	486320	192223	272616	102620	213704	89603
	Urban	8355	6141	4714	3722	3641	2419

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States\UTs	Total / Urban / Rural	Cultivators (Main and Marginal)	Agricultural Labour (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labour (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labour (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Assam	Total	4061627	1845346	3099763	1129210	961864	716136
	Rural	4018907	1814075	3066222	1107173	952685	706902
	Urban	42720	31271	33541	22037	9179	9234
West Bengal	Total	5116688	10188842	4500041	7452814	616647	2736028
	Rural	4952543	9843816	4368282	7172599	584261	2671217
	Urban	164145	345026	131759	280215	32386	64811
Jharkhand	Total	3814832	4436052	2291182	2341700	1523650	2094352
	Rural	3752614	4339302	2247745	2276639	1504869	2062663
	Urban	62218	96750	43437	65061	18781	31689
Odisha	Total	4103989	6739993	3375350	3481836	728639	3258157
	Rural	4030351	6618943	3312661	3404743	717690	3214200
	Urban	73638	121050	62689	77093	10949	43957
Chhattisgarh	Total	4004796	5091882	2424025	2344549	1580771	2747333
	Rural	3901065	4894820	2354630	2243248	1546435	2651572
	Urban	103731	197062	69395	101301	34336	95761
Madhya Pradesh	Total	9844439	12192267	6591064	6310657	3253375	5881610
	Rural	9473811	11691203	6300435	6009667	3173376	5681536
	Urban	370628	501064	290629	300990	79999	200074
Gujarat	Total	5447500	6839415	4244449	3649591	1203051	3189824
	Rural	5251457	6481295	4079513	3411622	1171944	3069673
	Urban	196043	358120	164936	237969	31107	120151
Daman & Diu	Total	2316	772	1492	362	824	410
	Rural	1654	551	938	193	716	358
	Urban	662	221	554	169	108	52
Dadra & Nagar Haveli	Total	28164	17799	18296	5453	9868	12346
	Rural	26140	16569	16760	4892	9380	11677
	Urban	2024	1230	1536	561	488	669
Maharashtra	Total	12569373	13486140	7592313	6774538	4977060	6711602
	Rural	12216563	12720993	7324880	6307148	4891683	6413845
	Urban	352810	765147	267433	467390	85377	297757

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States\UTs	Total / Urban / Rural	Cultivators (Main and Marginal)	Agricultural Labour (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labour (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labour (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Andhra Pradesh	Total	6491522	16967754	4357304	8130022	2134218	8837732
	Rural	6267888	16102617	4192776	7656866	2075112	8445751
	Urban	223634	865137	164528	473156	59106	391981
Karnataka	Total	6580649	7155963	4753708	3283279	1826941	3872684
	Rural	6340930	6737213	4565677	3047116	1775253	3690097
	Urban	239719	418750	188031	236163	51688	182587
Goa	Total	31354	26760	18848	14816	12506	11944
	Rural	26275	20508	15474	11036	10801	9472
	Urban	5079	6252	3374	3780	1705	2472
Lakshadweep	Total	0	0	0	0	0	0
	Rural	0	0	0	0	0	0
	Urban	0	0	0	0	0	0
Kerala	Total	670253	1322850	546906	857995	123347	464855
	Rural	587029	1083003	478881	690294	108148	392709
	Urban	83224	239847	68025	167701	15199	72146
Tamil Nadu	Total	4248457	9606547	2732479	4842707	1515978	4763840
	Rural	3885657	8408101	2476311	4162199	1409346	4245902
	Urban	362800	1198446	256168	680508	106632	517938
Puducherry	Total	12099	68391	10033	42794	2066	25597
	Rural	8997	58259	7399	35397	1598	22862
	Urban	3102	10132	2634	7397	468	2735
Andaman & Nicobar Islands	Total	16567	4781	12663	3744	3904	1037
	Rural	16185	4620	12364	3614	3821	1006
	Urban	382	161	299	130	83	31

Source : Registrar General of India.

Note: India and Jammu & Kashmir exclude population of those portions of Jammu & Kashmir, which are under illegal occupation of Pakistan and China.

1.2: State-wise Percentage of Population Below Poverty Line

States/UTs	2004-05			2009-10			2011-12		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Andhra Pradesh	32.3	23.4	29.6	22.8	17.7	21.1	11.0	5.8	9.2
Arunachal Pradesh	33.6	23.5	31.4	26.2	24.9	25.9	38.9	20.3	34.7
Assam	36.4	21.8	34.4	39.9	26.1	37.9	33.9	20.5	32.0
Bihar	55.7	43.7	54.4	55.3	39.4	53.5	34.1	31.2	33.7
Chhattisgarh	55.1	28.4	49.4	56.1	23.8	48.7	44.6	24.8	39.9
Delhi	15.6	12.9	13.0	7.7	14.4	14.2	12.9	9.8	9.9
Goa	28.1	22.2	24.9	11.5	6.9	8.7	6.8	4.1	5.1
Gujarat	39.1	20.1	31.6	26.7	17.9	23.0	21.5	10.1	16.6
Haryana	24.8	22.4	24.1	18.6	23.0	20.1	11.6	10.3	11.2
Himachal Pradesh	25.0	4.6	22.9	9.1	12.6	9.5	8.5	4.3	8.1
Jammu & Kashmir	14.1	10.4	13.1	8.1	12.8	9.4	11.5	7.2	10.4
Jharkhand	51.6	23.8	45.3	41.6	31.1	39.1	40.8	24.8	37.0
Karnataka	37.5	25.9	33.3	26.1	19.6	23.6	24.5	15.3	20.9
Kerala	20.2	18.4	19.6	12.0	12.1	12.0	9.1	5.0	7.1
Madhya Pradesh	53.6	35.1	48.6	42.0	22.9	36.7	35.7	21.0	31.7
Maharashtra	47.9	25.6	38.2	29.5	18.3	24.5	24.2	9.1	17.4
Manipur	39.3	34.5	37.9	47.4	46.4	47.1	38.8	32.6	36.9
Meghalaya	14.0	24.7	16.1	15.3	24.1	17.1	12.5	9.3	11.9
Mizoram	23.0	7.9	15.4	31.1	11.5	21.1	35.4	6.4	20.4
Nagaland	10.0	4.3	8.8	19.3	25.0	20.9	19.9	16.5	18.9
Odisha	60.8	37.6	57.2	39.2	25.9	37.0	35.7	17.3	32.6
Puducherry	22.9	9.9	14.2	0.2	1.6	1.2	17.1	6.3	9.7
Punjab	22.1	18.7	20.9	14.6	18.1	15.9	7.7	9.2	8.3
Rajasthan	35.8	29.7	34.4	26.4	19.9	24.8	16.1	10.7	14.7
Sikkim	31.8	25.9	30.9	15.5	5.0	13.1	9.9	3.7	8.2
Tamil Nadu	37.5	19.7	29.4	21.2	12.8	17.1	15.8	6.5	11.3
Tripura	44.5	22.5	40.0	19.8	10.0	17.4	16.5	7.4	14.1
Uttar Pradesh	42.7	34.1	40.9	39.4	31.7	37.7	30.4	26.1	29.4
Uttarakhand	35.1	26.2	32.7	14.9	25.2	18.0	11.6	10.5	11.3
West Bengal	38.2	24.4	34.2	28.8	22.0	26.7	22.5	14.7	20.0
All-India	42.0	25.5	37.2	33.8	20.9	29.8	25.7	13.7	21.9

Source: NITI Aayog (erstwhile Planning Commission)

Notes:

- Poverty estimates are based on the methodology suggested by the 'Expert Group on Methodology for estimation of poverty', chaired by Dr. Suresh.D. Tendulkar
- Number of persons below poverty line in 2004-05 are estimated based on Population as on 1st March 2005 (revised on the basis of 2011 population census)
- Number of persons below poverty line in 2009-10 are estimated based on Population as on 1st March 2010 (interpolated between 2001 and 2011 population Census)
- Number of persons below poverty line in 2011-12 are estimated based on Population as on 1st March 2012 (2011 Census population extrapolated)
- Poverty line of Tamil Nadu is used for Andaman and Nicobar Island.
- Urban Poverty Line of Punjab is used for both rural and urban areas of Chandigarh.
- Poverty Line of Maharashtra is used for Dadra & Nagar Haveli.
- Poverty Line of Goa is used for Daman & Diu
- Poverty Line of Kerala is used for Lakshadweep.

1.3(a): Gross Value Added by Economic Activity at Constant (2011-12) Basic Prices

(₹ crore)

S.No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19 [#]	2019-20 [@]	2020-21 [*]	2021-22 [`]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.	Agriculture, forestry and fishing	1501947	1524288	1609198	1605715	1616146	1726004	1840023	1878598	1982303	2048032	2115040
1.1	Crops	982151	983809	1037060	998425	969344	1020258	1075111	1049211	1106545	1127575	-
1.2	Livestock	327334	344375	363558	390449	419637	461572	497830	540970	581450	617117	-
1.3	Forestry and logging	124436	124743	132093	134609	136960	144547	152351	163949	164416	165624	-
1.4	Fishing and aquaculture	68027	71362	76487	82232	90205	99627	114730	124468	129893	137716	-
2.	Mining and quarrying	261035	262609	263107	288685	317974	349248	329612	326815	321766	294024	330945
3.	Manufacturing	1409986	1486873	1560709	1683938	1903850	2054764	2209428	2328992	2261294	2247740	2483143
3.1	Food Products, Beverages and Tobacco	167524	154540	153560	157637	183150	202964	214366	258683	248140	257363	-
3.2	Textiles, Apparel and Leather Products	153238	177398	216411	216429	258936	261079	280873	300013	293771	239574	-
3.3	Metal Products	229627	238520	277322	261206	225306	285206	319555	326298	323405	329138	-
3.4	Machinery and Equipment	334670	345731	324994	357017	429550	474418	533307	580847	554515	519453	-
3.5	Other Manufactured Goods	524927	570684	588422	691649	806908	831097	861327	863152	841462	902212	-
4.	Electricity, gas, water supply & other utility services	186668	191635	199601	214047	224158	246496	272650	294147	300765	289771	312264
5.	Construction	777335	780050	800771	835229	865335	916445	964306	1026789	1038680	962835	1058642
6.	Trade, repair, hotels and restaurants	883582	981620	1034506	1135841	1261426	1389322	1568175	1707781	1828425	1418045	2397525
6.1	Trade & repair services	793681	888665	941941	1037640	1150121	1268230	1435984	1563237	1674210	1350823	-
6.2	Hotels & restaurants	89901	92955	92565	98201	111305	121092	132191	144544	154215	67222	-
7.	Transport, storage, communication & services related to broadcasting	529534	569523	617556	671848	731399	757056	800245	830977	861301	729634	-
7.1	Railways	61150	69162	73685	80720	85452	82161	87886	91350	82303	67154	-
7.2	Road transport	262442	282425	300563	320813	343155	362324	396401	417538	432223	328137	-
7.3	Water transport	6910	7052	7345	7954	8095	8569	11915	12628	13018	12294	-
7.4	Air transport	4393	4183	4550	5188	6053	7172	8373	9402	9159	3177	-
7.5	Services incidental to transport	63602	66480	70172	75596	81156	86835	84351	89061	91369	81385	-
7.6	Storage	5108	5716	5210	5529	6245	6100	12976	13784	13916	14329	-
7.7	Communication & services related to broadcasting	125930	134505	156031	176047	201243	203896	198344	197215	219313	223158	-
8.	Financial, Real Estate & Professional Services	1530877	1680031	1867407	2073715	2294787	2492967	2537191	2714221	2897394	2961910	3089768
8.1	Financial services	480226	529792	577914	627255	672788	695983	728670	758170	784672	824734	-
8.2	Real estate, ownership of dwelling & professional services	1050651	1150239	1289493	1446460	1621999	1796983	1808521	1956051	2112722	2137176	-
9.	Public Administration, Defence & other services	1025982	1069646	1110794	1203115	1276797	1395982	1512542	1625478	1727638	1633081	1837372
9.1	Public administration and defence	491155	501383	510046	543853	565106	614238	676507	722773	759976	777126	-
9.2	Other services	534827	568262	600748	659262	711691	781744	836035	902705	967662	855955	-
10.	GVA at basic prices	8106946	8546275	9063649	9712133	10491870	11328285	12034171	12733798	13219476	12585074	13624699
11.	Total Net Value Added at basic prices	7189771	7535614	7963039	8533489	9220980	9946758	10544250	11119343	11486856	10752799	11641063
12.	Net taxes on Products	629383	666741	737721	815541	877623	979909	1110411	1259117	1296482	973400	1146981
13.	Net Factor Income from Abroad	-76824	-108354	-122343	-124687	-134922	-144575	-145888	-152440	-141704	-190195	-234948
14.	NNI	7742330	8094001	8578417	9224343	9963681	10782092	11508774	12226019	12641633	11536004	12553097
15.	Per Capita Income (in Rupees)	63462	65538	68572	72805	77659	83003	87586	92133	94270	85110	91723
16.	GDP at market prices	8736329	9213017	9801370	10527674	11369493	12308193	13144582	13992914	14515958	13558473	14771681

Source: National Statistical Office (NSO)

*: First Revised Estimates; # : Third Revised Estimates; @ : Second Revised Estimates; `: Second Advance Estimates

\$ Include trade, hotels, transport, storage, communication & services related to broadcasting

1.3(b): Gross Value Added by Economic Activity at Current Basic Prices

											(₹ crore)	
S.No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19 [#]	2019-20 [@]	2020-21 [*]	2021-22 [`]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.	Agriculture, forestry and fishing	1501947	1675107	1926372	2093612	2227533	2518662	2829826	3029925	3358364	3609494	3964312
1.1	Crops	982151	1088814	1248776	1292874	1327992	1486044	1633264	1680777	1891966	1997147	-
1.2	Livestock	327334	368823	422733	510411	582410	672611	785683	882009	977730	1114249	-
1.3	Forestry and logging	124436	137558	156674	173760	184411	205364	217603	255053	260603	265479	-
1.4	Fishing and aquaculture	68027	79911	98190	116567	132720	154643	193275	212087	228065	232620	-
2.	Mining and quarrying	261035	285842	295794	308476	294011	326808	336109	377661	358517	324980	518170
3.	Manufacturing	1409986	1572837	1713452	1878369	2146189	2333721	2566623	2812560	2704809	2709435	3326746
3.1	Food Products, Beverages and Tobacco	167524	168227	175673	185899	213832	259668	278089	335679	331336	354722	-
3.2	Textiles, Apparel and Leather Products	153238	187981	246424	249573	300357	303155	332470	366299	356180	289304	-
3.3	Metal Products	229627	248915	286998	273621	232868	273963	333177	368761	350459	368897	-
3.4	Machinery and Equipment	334670	356231	343383	388961	485168	541055	587161	650442	628778	602032	-
3.5	Other Manufactured Goods	524927	611483	660973	780315	913964	955881	1035726	1091380	1038057	1094480	-
4.	Electricity, gas, water supply & other utility services	186668	215350	260155	282258	334965	355709	425718	449459	501618	507352	570125
5.	Construction	777335	849365	921470	979086	991084	1080870	1200414	1352118	1372759	1315608	1702055
6.	Trade, repair, hotels and restaurants	1413116	1663986	1874467	1320833	1433969	1609001	1881395	2136707	2325812	1818981	3543624\$
6.1	Trade & repair services	793681	954683	1078421	1206474	1307323	1468583	1722671	1955798	2129686	1732821	-
6.2	Hotels & restaurants	89901	99850	106140	114359	126646	140418	158723	180909	196127	86160	-
7.	Transport, storage, communication & services related to broadcasting	529534	609453	689906	786763	860544	930155	997528	1066055	1152680	1047412	-
7.1	Railways	61150	72296	78724	92459	100451	106786	116584	123596	135477	136807	-
7.2	Road transport	262442	300652	338306	370364	399902	434947	484134	536552	565438	447164	-
7.3	Water transport	6910	7190	6476	7590	7298	9206	13021	13059	13350	13418	-
7.4	Air transport	4393	8128	6853	11820	20344	21496	22444	12730	22508	10323	-
7.5	Services incidental to transport	63602	72054	75719	91681	88246	102468	97602	103341	103301	98170	-
7.6	Storage	5108	6165	6026	6407	7021	7442	16194	18597	19513	19628	-
7.7	Communication & services related to broadcasting	125930	142969	177804	206442	237282	247809	247549	258179	293094	321902	-
8	Financial, Real Estate & Professional services	1530877	1776632	2069508	2363346	2626138	2911437	3127212	3529498	3879338	4045760	4567241
8.1	Financial services	480226	536819	599341	661411	726286	750201	846194	941778	1027359	1088222	-
8.2	Real estate, ownership of dwelling & professional services	1050651	1239813	1470167	1701935	1899852	2161236	2281018	2587720	2851979	2957538	-
9	Public Administration, Defence & other services	1025982	1163574	1301935	1491536	1660067	1898837	2140841	2421146	2701212	2678787	3165000
9.1	Public administration and defence	491155	546231	601912	676818	731578	827438	945082	1045488	1147741	1238383	-
9.2	Other services	534827	617343	700023	814718	928489	1071399	1195759	1375658	1553471	1440404	-
10.	GVA at basic prices	8106946	9202692	10363153	11504279	12574499	13965200	15505665	17175128	18355109	18057810	21357273
11.	NVA at basic prices	7189771	8141787	9167178	10161988	11124802	12373868	13740853	15190838	16189964	15717741	18589635
12.	Net taxes on Products	629383	741321	870369	963680	1197376	1426469	1584378	1724540	1719746	1743104	2286602
13.	Net Factor Income from Abroad	-76824	-116763	-139884	-147430	-159779	-176400	-184813	-202324	-193114	-266687	-368292
14.	NNI	7742330	8766345	9897663	10978238	12162398	13623936	15140418	16713054	17716597	17194158	20507945
15.	Per Capita Income (in Rupees)	63462	70983	79118	86647	94797	104880	115224	125946	132115	126855	149849
16	GDP at market prices	8736329	9944013	11233522	12467959	13771874	15391669	17090042	18899668	20074856	19800914	23643875

Source: National Statistical Office (NSO)

*: First Revised Estimates; # : Third Revised Estimates; @ : Second Revised Estimates; `: Second Advance Estimates

\$ Include trade, hotels, transport, storage, communication & services related to broadcasting

1.3 (c): Sectoral share in Gross Value Added at Current Basic Prices

(Figures in percentage)

S.No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19 [#]	2019-20 [@]	2020-21 [*]	2021-22 [`]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
I	Agriculture,forestry & fishing	18.5	18.2	18.6	18.2	17.7	18.0	18.3	17.6	18.3	20.0	18.6
	Crops	12.1	11.8	12.1	11.2	10.6	10.6	10.5	9.8	10.3	11.1	-
	Livestock	4.0	4.0	4.1	4.4	4.6	4.8	5.1	5.1	5.3	6.2	-
	Forestry and logging	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.4	1.5	-
	Fishing and aquaculture	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.2	1.3	-
II	Industry	32.5	31.8	30.8	30.0	30.0	29.3	29.2	29.1	26.9	26.9	28.6
	Mining and quarrying	3.2	3.1	2.9	2.7	2.3	2.3	2.2	2.2	2.0	1.8	2.4
	Manufacturing	17.4	17.1	16.5	16.3	17.1	16.7	16.6	16.4	14.7	15.0	15.6
	Electricity, gas, water supply & other utility services	2.3	2.3	2.5	2.5	2.7	2.5	2.7	2.6	2.7	2.8	2.7
	Construction	9.6	9.2	8.9	8.5	7.9	7.7	7.7	7.9	7.5	7.3	8.0
III	Services	49.0	50.0	50.6	51.8	52.3	52.6	52.5	53.3	54.8	53.1	52.8
	GVA at basic prices	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: National Statistical Office (NSO)

*: First Revised Estimates; # : Third Revised Estimates; @ : Second Revised Estimates; `:Second Advance Estimates, Totals may not tally due to rounding off

1.3 (d): Growth of Gross Value Added at Constant (2011-12) Basic Prices

(Figures in percentage)

S.No.	Industry	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19 [#]	2019-20 [@]	2020-21 [*]	2021-22 [`]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
I	Agriculture,forestry & fishing	1.5	5.6	-0.2	0.6	6.8	6.6	2.1	5.5	3.3	3.3
	Crops	0.2	5.4	-3.7	-2.9	5.3	5.4	-2.4	5.5	1.9	-
	Livestock	5.2	5.6	7.4	7.5	10.0	7.9	8.7	7.5	6.1	-
	Forestry and logging	0.2	5.9	1.9	1.7	5.5	5.4	7.6	0.3	0.7	-
	Fishing and aquaculture	4.9	7.2	7.5	9.7	10.4	15.2	8.5	4.4	6.0	-
II	Industry	3.3	3.8	7.0	9.6	7.7	5.9	5.3	-1.4	-3.3	10.3
	Mining and quarrying	0.6	0.2	9.7	10.1	9.8	-5.6	-0.8	-1.5	-8.6	12.6
	Manufacturing	5.5	5.0	7.9	13.1	7.9	7.5	5.4	-2.9	-0.6	10.5
	Electricity, gas, water supply & other utility services	2.7	4.2	7.2	4.7	10.0	10.6	7.9	2.2	-3.7	7.8
	Construction	0.3	2.7	4.3	3.6	5.9	5.2	6.5	1.2	-7.3	10.0
III	Services	8.3	7.7	9.8	9.4	8.5	6.3	7.2	6.3	-7.8	8.6
	GVA at basic prices	5.4	6.1	7.2	8.0	8.0	6.2	5.8	3.8	-4.8	8.3
	GDP at market prices	5.5	6.4	7.4	8.0	8.3	6.8	6.5	3.7	-6.6	8.9

Source: National Statistical Office (NSO)

*: First Revised Estimates; # : Third Revised Estimates; @ : Second Revised Estimates; `:Second Advance Estimates, Totals may not tally due to rounding off

1.3(e): Back Series: Gross Value Added by Economic Activity at Constant (2011-12) Basic Prices*

								(₹ crore)
S. No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Agriculture, forestry and fishing	1152841	1208285	1243794	1312283	1309079	1297556	1411634
1.1	crops	750752	796926	815268	871091	849407	822186	916216
1.2	livestock	214000	223793	237726	250633	269777	283777	304475
1.3	forestry and logging	139263	137100	136275	133454	130713	130324	126279
1.4	fishing and aquaculture	48827	50467	54526	57105	59182	61269	64663
2.	Mining and quarrying	232212	246422	257982	269872	263137	278970	316533
3.	Manufacturing	793308	867475	1021780	1093106	1144085	1269564	1367258
3.1	Food Products, Beverages and Tobacco	97295	108847	143457	148089	153624	160539	143178
3.2	Textiles, Apparel and Leather Products	81612	95017	113475	110147	124603	141876	151321
3.3	Metal Products	132348	151519	175676	183519	189641	208609	232510
3.4	Machinery and Equipment	139788	159114	190104	207550	238516	282541	307612
3.5	Other Manufactured Goods	342265	352978	399067	443802	437702	475999	532637
4.	Electricity, gas, water supply & other utility services	116105	123440	133351	144508	151539	160529	171947
5.	Construction	411620	464605	514181	574451	606438	647639	687071
6.	Trade, repair, hotels and restaurants	537367	593354	653714	694463	701527	723045	834970
6.1	Trade & repair services	483515	531753	584720	618540	628897	650621	750536
6.2	Hotels & restaurants	53852	61600	68994	75923	72631	72425	84433
7.	Transport, storage, communication & services related to broadcasting	315337	340028	366055	398564	418103	465802	493652
7.1	Railways	35495	38271	42443	46377	49696	54151	57021
7.2	Road transport	150600	164500	181439	196984	208273	225446	244325
7.3	Water transport	6095	6461	6450	6963	7423	7391	7747
7.4	Air transport	1587	1961	2577	3150	2933	3386	3961
7.5	Services incidental to transport	34983	39788	42178	46711	48423	52707	56533
7.6	Storage	2404	2440	2689	2968	2983	4093	4716
7.7	broadcasting	84172	86608	88278	95411	98372	118627	119348
8	Financial Services	278995	312009	351907	386282	405932	435089	464305
9	Real Estate, ownership of dwelling & Professional Services	706974	767647	807555	863402	908597	964440	1000759
10	Public Administration & Defence	295462	308660	315270	339457	403444	471451	470839
11	Other services	252280	282302	292778	321908	362334	417752	485546
12	GVA at basic prices	5092503	5514228	5958367	6398295	6674215	7131836	7704514
13	GDP at market prices	5480380	5914614	6391375	6881007	7093403	7651078	8301235

Source: National Statistical Office (NSO)

* As per Back Series for period 2004-05 to 2011-12 with Base 2011-12 released by erstwhile CSO on 28-11-2018

1.3 (f): Back Series: Gross Value Added by Economic Activity at Current Basic Prices*

(₹ crore)

S.No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Agriculture, forestry and fishing	567635	639988	715179	820532	925878	1066008	1299884
1.1	crops	364695	419039	467942	553371	615489	706037	877256
1.2	livestock	103971	112438	122596	143186	170690	203991	250867
1.3	forestry and logging	71828	76822	89472	85057	95647	105628	114505
1.4	fishing and aquaculture	27140	31689	35169	38919	44052	50353	57256
2.	Mining and quarrying	93759	110533	128999	149210	163962	193263	251303
3.	Manufacturing	504309	580160	736206	826138	942847	1091430	1300146
3.1	Food Products, Beverages and Tobacco	57308	68533	93306	89916	109359	122207	149766
3.2	Textiles, Apparel and Leather Products	57770	70303	88728	83007	99345	124168	155791
3.3	Metal Products	95185	93551	131103	165689	158150	179828	217538
3.4	Machinery and Equipment	101834	124470	149048	167574	194343	239915	275570
3.5	Other Manufactured Goods	192212	223304	274021	319953	381650	425312	501481
4.	Electricity, gas, water supply & other utility services	77503	83470	93254	105895	108536	140906	161495
5.	Construction	255447	298540	357380	432602	501582	555714	632754
6.	Trade, repair, hotels and restaurants	302408	352179	418625	474944	536795	603293	742211
6.1	Trade & repair services	272046	315530	374306	422836	480934	542511	666811
6.2	Hotels & restaurants	30362	36649	44319	52108	55860	60782	75400
7.	Transport, storage, communication & services related to broadcasting	224007	255988	293887	329450	367531	409649	449550
7.1	Railways	28601	30555	36759	42473	46376	53681	55464
7.2	Road transport	103280	119505	136551	148326	164954	180463	217872
7.3	Water transport	3386	3687	3999	4461	5282	5390	6533
7.4	Air transport	2310	2193	1842	1756	1421	3880	4997
7.5	Services incidental to transport	22477	26993	30114	33640	37147	41078	49618
7.6	Storage	1601	1701	1969	2226	2392	3360	4288
7.7	broadcasting	62352	71354	82652	96567	109958	121796	110779
8	Financial Services	147718	180851	228107	266110	315614	347819	427102
9	Real Estate, ownership of dwelling & Professional Services	381137	430240	495890	583601	688776	784722	916683
10	Public Administration & Defence	175040	190538	207404	236404	304702	396920	435761
11	Other services	175335	204427	229963	265302	316615	385182	466781
12	GVA at basic pricesGVA at basic prices	2904299	3326914	3904895	4490188	5172838	5974906	7083671
13	GDP at market pricesGDP at market prices	3186332	3632125	4254629	4898662	5514152	6366407	7634472

Source: National Statistical Office (NSO)

* As per Back Series for period 2004-05 to 2011-12 with Base 2011-12 released by erstwhile CSO on 28-11-2018

1.3 (g): Back Series: Sectoral share in Gross Value Added at Current Basic Prices*

(Figures in percentage)

S.No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
I	Agriculture,forestry & fishing	19.5	19.2	18.3	18.3	17.9	17.8	18.4	18.5
	Crops	12.6	12.6	12.0	12.3	11.9	11.8	12.4	12.1
	Livestock	3.6	3.4	3.1	3.2	3.3	3.4	3.5	4.0
	Forestry and logging	2.5	2.3	2.3	1.9	1.8	1.8	1.6	1.5
	Fishing and aquaculture	0.9	1.0	0.9	0.9	0.9	0.8	0.8	0.8
II	Industry	32.1	32.2	33.8	33.7	33.2	33.2	33.1	32.5
	Mining and quarrying	3.2	3.3	3.3	3.3	3.2	3.2	3.5	3.2
	Manufacturing, services	17.4	17.4	18.9	18.4	18.2	18.3	18.4	17.4
	Construction	2.7	2.5	2.4	2.4	2.1	2.4	2.3	2.3
		8.8	9.0	9.2	9.6	9.7	9.3	8.9	9.6
III	Services	48.4	48.6	47.9	48.0	48.9	49.0	48.5	49.0
	GVA at basic prices	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: National Statistical Office (NSO)

* As per Back Series for period 2004-05 to 2011-12 with Base 2011-12 released by erstwhile CSO on 28-11-2018

1.3 (h): Back Series: Growth of Gross Value Added at Constant (2011-12) Basic Prices*

(Figures in percentage)

S.No.	Industry	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
I	Agriculture,forestry & fishing	4.8	2.9	5.5	-0.2	-0.9	8.8	6.4
	Crops	6.2	2.3	6.8	-2.5	-3.2	11.4	7.2
	Livestock	4.6	6.2	5.4	7.6	5.2	7.3	7.5
	Forestry and logging	-1.6	-0.6	-2.1	-2.1	-0.3	-3.1	-1.5
	Fishing and aquaculture	3.4	8.0	4.7	3.6	3.5	5.5	5.2
II	Industry	9.6	13.2	8.0	4.0	8.8	7.9	3.6
	Mining and quarrying	6.1	4.7	4.6	-2.5	6.0	13.5	-17.5
	Manufacturing	9.3	17.8	7.0	4.7	11.0	7.7	3.1
	services	6.3	8.0	8.4	4.9	5.9	7.1	8.6
	Construction	12.9	10.7	11.7	5.6	6.8	6.1	13.1
III	Services	9.1	7.0	7.8	6.5	8.7	7.8	5.9
	GVA at basic prices	8.3	8.1	7.4	4.3	6.9	8.0	5.2
	GDP at market prices	7.9	8.1	7.7	3.1	7.9	8.5	5.2

Source: National Statistical Office (NSO)

* As per Back Series for period 2004-05 to 2011-12 with Base 2011-12 released by erstwhile CSO on 28-11-2018

1.4(a): Gross State Value Added of Agriculture and Allied Sector at Constant (2011-12) Prices

(₹ in Lakh)

											2020-21	2021-22*
S.No.	State/UT	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	(13)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Andhra Pradesh	9400805	9783109	10835268	11219987	12151829	13971716	16519151	17109568	18462673	19230848	NA
2	Arunachal Pradesh	455505	472794	491472	538905	507157	433527	435963	535283	573279	576791	NA
3	Assam	2848113	3314074	3209159	3295165	3433875	3500560	3614528	3638722	3452216	NA	NA
4	Bihar	6206655	6803952	5951631	5934907	6073530	6666773	7190492	7118646	7146778	7408603	NA
5	Chattisgarh	2685950	2850360	2927578	3121630	3092063	3750127	3341450	3668406	3803052	3978337	273616
6	Goa	204298	195849	222419	222662	208798	242740	249795	264205	245831	251062	NA
7	Gujarat	10736422	9255884	11713736	11714466	11529691	13321078	14544521	13282320	14513678	NA	NA
8	Haryana	6453886	6326499	6502514	6357661	6602221	7126659	7625400	8006156	8454970	8816863	NA
9	Himachal Pradesh	1162626	1244329	1371209	1327287	1440749	1384302	1351208	1368399	1581265	1459378	NA
10	Jammu & Kashmir #	1306347	1249071	1300874	1159250	1454647	1536671	1551737	1584924	1584636	1626820	NA
11	Jharkhand	2233546	2364954	2321295	3033187	2171688	2680275	2739386	2553952	2311000	2912790	NA
12	Karnataka	7554868	7853026	8392204	8017990	7227764	7452337	9092544	8790655	10080809	11604831	4014926
13	Kerala	4837594	4906807	4597159	4598265	4363785	4335472	4426954	4334271	4113559	4081364	19688620
14	Madhya Pradesh	9107231	11339017	11320844	12025714	11975929	15109824	15142817	15254039	17112265	17977737	NA
15	Maharashtra	15002673	14939157	16780588	14983466	14435585	17473451	17348087	17188904	18229801	NA	NA
16	Manipur	251623	276425	288575	295331	273718	290342	427979	412810	393777	376369	402274
17	Meghalaya	282868	313890	326927	376920	359196	373430	378643	375848	383234	389890	NA
18	Mizoram	149468	145937	157013	329058	335566	351946	319915	335763	356900	379886	NA
19	Nagaland	373363	396443	435269	452811	420256	458524	440956	414289	418973	NA	5559301
20	Odisha	3934537	4558109	4368529	4711024	4111533	4930742	4389513	4787873	5356068	5753116	9678509
21	Punjab	7816825	7886830	8147237	7866141	7976262	8474872	8880794	9091915	9262452	9545534	NA
22	Rajasthan	11910303	12264217	13360426	13730589	13685850	14878869	14865376	15614070	17098806	17688410	169707
23	Sikkim	90137	93361	96740	99226	103078	112249	130498	145383	151196	156759	14105808
24	Tamil Nadu	8773221	7818877	9161346	9836476	10091573	9928662	11127061	11849026	12617969	13336520	8820167
25	Telangana	5461488	5943354	6179205	5581067	5161495	5732440	6282309	6672504	8610681	8920855	NA
26	Tripura	511201	550569	646611	670462	720113	748871	775492	855217	941287	1097461	23637056
27	Uttar Pradesh	18325197	19161813	19071717	18685675	19479107	20695954	21466259	22856463	23245729	23240032	NA
28	Uttarakhand	1330209	1355632	1339655	1335730	1312630	1366211	1367992	1407172	1426349	1501502	NA
29	West Bengal	11710585	12156539	12150254	12694116	12766739	13237639	13866885	14060903	14360809	15115813	NA
30	Andaman & Nicobar Islands	59713	61215	65791	68664	65875	64970	67955	70953	69516	NA	NA
31	Chandigarh	12642	12160	12389	12359	13171	12540	12783	14271	14704	NA	NA
32	Delhi	285663	223585	208519	181518	166190	171205	182471	194402	192377	160743	98499
33	Puducherry	75378	79263	80607	89147	83166	83803	89387	91625	87616	93194	

Source: National Statistical Office (NSO)

Notes:

1. Figures are as per the new series with base year 2011-12

2. Agriculture and Allied Sector includes Agriculture (crop and live-stock), Forestry, Logging and Fishing.

*As per latest available estimates from respective State Governments (as on 28-02-2022)

#: for the years 2019-20 and 2020-21 estimates relate to UT of Jammu and Kashmir

NA :- Not Available

1.4 (b): Gross State Value Added of Agriculture and Allied Sector at Current Prices

(₹ in Lakh)

S.No.	State/UT	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Andhra Pradesh	9400805	11186428	12895568	14819641	17316690	21086285	25893933	27499400	30940127	33664197	NA
2	Arunachal Pradesh	455505	545406	603498	728655	748578	695689	727665	917907	1007982	1037042	NA
3	Assam	2848113	3391548	3692959	3959543	4373933	4576441	4755644	5035434	5345712	NA	NA
4	Bihar	6206655	7669988	7371939	7863211	8428402	9855919	11215318	11454868	12707075	13884781	NA
5	Chattisgarh	2685950	3180908	3599597	4038920	4277314	5429526	5197657	5913001	6702549	7399351	NA
6	Goa	204298	228626	311711	310866	351190	428053	440528	444929	453646	496003	550600
7	Gujarat	10736422	9917095	13040117	13759785	14380999	17774185	20009060	19263538	22206329	NA	NA
8	Haryana	6453886	7150666	7929914	8020426	8463288	9436898	10703903	11766520	12788262	13831923	NA
9	Himachal Pradesh	1162626	1313712	1497802	1494803	1704691	1800694	1610543	1746372	2189084	1991624	NA
10	Jammu & Kashmir #	1306347	1567929	1705791	1509047	2121396	2363970	2486688	2577642	2726997	2874494	NA
11	Jharkhand	2233546	2550211	2844224	4016315	3146379	4033246	4592177	4759565	4452885	5814476	NA
12	Karnataka	7554868	8180610	9666145	10895892	11240377	11906026	15003431	15277613	18109331	22422461	NA
13	Kerala	4837594	5036409	5501261	6093554	6399310	6920980	7476017	7766775	7988630	8117971	8534521
14	Madhya Pradesh	9107231	12640262	14855955	16506801	17797472	24314512	27411828	29974577	36289189	40980027	47055969
15	Maharashtra	15002673	16291680	19231757	17727491	18085315	23575992	23351793	22995968	27291483	NA	NA
16	Manipur	251623	297165	348748	400433	397568	419897	673554	725622	747582	774108	NA
17	Meghalaya	282868	322670	344514	409746	472392	525823	556097	597791	606236	646482	691070
18	Mizoram	149468	161353	189886	420218	465297	515112	498538	572433	648564	736648	NA
19	Nagaland	373363	455320	556609	618525	596987	694282	764499	773927	812655	NA	NA
20	Odisha	3934537	5342867	5674967	6556959	6163541	7425208	7494152	8709726	10357558	11243838	11435420
21	Punjab	7816825	8373465	9101468	9488170	10139834	11287210	12470515	13521232	14137771	15029363	15677405
22	Rajasthan	11910303	13641013	14779847	15306197	16770547	20231863	20587185	22230916	25134101	26771824	NA
23	Sikkim	90137	108278	122419	139803	155710	190436	239176	278476	303540	329636	385403
24	Tamil Nadu	8773221	8426467	10846228	12924022	13235403	13692560	16209892	17484783	19812961	21969375	24711854
25	Telangana	5461488	6736383	7663070	7612263	7570653	8897924	10138979	11429241	15503246	17401245	18982580
26	Tripura	511201	567087	702979	831809	1134780	1234078	1312985	1536514	1840581	1910384	NA
27	Uttar Pradesh	18325197	21307587	23803497	24523034	27250612	29638352	32617362	35184383	38259715	39938678	43229056
28	Uttarakhand	1330209	1536644	1579096	1611420	1628381	1694580	1916830	1992907	2199118	2399558	NA
29	West Bengal	11710585	13683827	16581431	16545516	18391923	19437865	21673273	23389907	25106707	27083612	NA
30	A & N islands	59713	61975	72362	76634	83314	83578	100106	107421	108739	NA	NA
31	Chandigarh	12641	13205	14570	16199	18220	17474	18560	21534	23457	NA	NA
32	Delhi	285663	258282	258609	247752	243293	250202	286679	305559	311266	270005	NA
33	Puducherry	75378	90421	97627	114680	120038	128812	132105	146480	156958	165178	174629

Source: National Statistical Office (NSO)

Notes:

1. Figures are as per the new series with base year 2011-12

2. Agriculture and Allied Sector includes Agriculture (crop and live-stock), Forestry, Logging and Fishing.

*As per latest available estimates from respective State Governments (as on 28-02-2022)

#: for the years 2019-20 and 2020-21 estimates relate to UT of Jammu and Kashmir

NA :- Not Available

1.4 (c): Growth Rates of Gross State Value Added of Agriculture and Allied Sector at Constant (2011-12) Prices

(% Growth over previous year)											
S. No.	State/UT	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Andhra Pradesh	4.07	10.75	3.55	8.31	14.98	18.23	3.57	7.91	4.16	NA
2	Arunachal Pradesh	3.80	3.95	9.65	-5.89	-14.52	0.56	22.78	7.10	0.61	NA
3	Assam	16.36	-3.17	2.68	4.21	1.94	3.26	0.67	-5.13	NA	NA
4	Bihar	9.62	-12.53	-0.28	2.34	9.77	7.86	-1.00	0.40	3.66	NA
5	Chattisgarh	6.12	2.71	6.63	-0.95	21.28	-10.90	9.78	3.67	4.61	NA
6	Goa	-4.14	13.57	0.11	-6.23	16.26	2.91	5.77	-6.95	2.13	8.98
7	Gujarat	-13.79	26.55	0.01	-1.58	15.54	9.18	-8.68	9.27	NA	NA
8	Haryana	-1.97	2.78	-2.23	3.85	7.94	7.00	4.99	5.61	4.28	NA
9	Himachal Pradesh	7.03	10.20	-3.20	8.55	-3.92	-2.39	1.27	15.56	-7.71	NA
10	Jammu & Kashmir #	-4.38	4.15	-10.89	25.48	5.64	0.98	2.14	-0.02	2.66	NA
11	Jharkhand	5.88	-1.85	30.67	-28.40	23.42	2.21	-6.77	-9.51	26.04	NA
12	Karnataka	3.95	6.87	-4.46	-9.86	3.11	22.01	-3.32	14.68	15.12	NA
13	Kerala	1.43	-6.31	0.02	-5.10	-0.65	2.11	-2.09	-5.09	-0.78	-1.63
14	Madhya Pradesh	24.51	-0.16	6.23	-0.41	26.17	0.22	0.73	12.18	5.06	9.52
15	Maharashtra	-0.42	12.33	-10.71	-3.66	21.04	-0.72	-0.92	6.06	NA	NA
16	Manipur	9.86	4.40	2.34	-7.32	6.07	47.41	-3.54	-4.61	-4.42	NA
17	Meghalaya	10.97	4.15	15.29	-4.70	3.96	1.40	-0.74	1.97	1.74	3.18
18	Mizoram	-2.36	7.59	109.57	1.98	4.88	-9.10	4.95	6.30	6.44	NA
19	Nagaland	6.18	9.79	4.03	-7.19	9.11	-3.83	-6.05	1.13	NA	NA
20	Odisha	15.85	-4.16	7.84	-12.73	19.92	-10.98	9.08	11.87	7.41	-3.37
21	Punjab	0.90	3.30	-3.45	1.40	6.25	4.79	2.38	1.88	3.06	1.39
22	Rajasthan	2.97	8.94	2.77	-0.33	8.72	-0.09	5.04	9.51	3.45	NA
23	Sikkim	3.58	3.62	2.57	3.88	8.90	16.26	11.41	4.00	3.68	8.26
24	Tamil Nadu	-10.88	17.17	7.37	2.59	-1.61	12.07	6.49	6.49	5.69	5.77
25	Telangana	8.82	3.97	-9.68	-7.52	11.06	9.59	6.21	29.05	3.60	-1.13
26	Tripura	7.70	17.44	3.69	7.41	3.99	3.55	10.28	10.06	16.59	NA
27	Uttar Pradesh	4.57	-0.47	-2.02	4.25	6.25	3.72	6.48	1.70	-0.02	1.71
28	Uttarakhand	1.91	-1.18	-0.29	-1.73	4.08	0.13	2.86	1.36	5.27	NA
29	West Bengal	3.81	-0.05	4.48	0.57	3.69	4.75	1.40	2.13	5.26	NA
30	A & N islands	2.52	7.47	4.37	-4.06	-1.37	4.60	4.41	-2.03	NA	NA
31	Chandigarh	-3.81	1.89	-0.24	6.57	-4.79	1.94	11.64	3.03	NA	NA
32	Delhi	-21.73	-6.74	-12.95	-8.44	3.02	6.58	6.54	-1.04	-16.44	NA
33	Puducherry	5.15	1.70	10.59	-6.71	0.77	6.66	2.50	-4.38	6.37	5.69

Source: National Statistical Office (NSO)

Note:

1. Data for Daman & Diu, Dadra & Nagar Haveli & Lakshadweep is not available.

NA :- Not Available

#: for the years 2019-20 and 2020-21 growth rate relates to UT of Jammu and Kashmir

*As per latest available estimates from respective State Governments (as on 28-02-2022)

1.4 (d): Share of Gross State Value Added (GSVA) of Agriculture and Allied Sector in Total GSVA of State at Current Prices

(Percentage Share)												
Sl. No.	State/UT	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Andhra Pradesh	26.88	29.48	30.22	30.39	31.12	33.76	35.70	34.84	35.08	37.27109	NA
2	Arunachal Pradesh	41.96	43.97	42.27	41.55	41.69	36.50	33.72	38.29	37.43	36.42444	NA
3	Assam	21.05	22.82	22.00	21.48	20.33	19.28	18.10	17.85	17.68	NA	NA
4	Bihar	25.68	27.72	24.04	23.46	23.15	24.13	24.47	22.45	22.39	23.88571	NA
5	Chattisgarh	18.10	19.15	18.42	19.32	20.01	22.48	20.05	20.05	20.97	22.69	NA
6	Goa	5.18	6.56	9.73	7.20	7.09	7.53	7.17	6.91	6.74	7.02	7.13
7	Gujarat	19.45	15.37	18.08	16.69	15.71	17.10	17.06	14.67	15.55	NA	NA
8	Haryana	23.55	22.35	21.57	20.06	19.26	19.20	19.42	19.25	18.95	20.92	NA
9	Himachal Pradesh	16.75	16.65	16.76	15.36	15.89	15.33	12.72	12.48	14.33	13.62	NA
10	Jammu & Kashmir #	17.47	18.87	18.82	16.21	19.18	20.00	19.19	17.39	17.46	17.93	NA
11	Jharkhand	16.05	15.86	16.49	20.00	16.84	19.04	18.95	17.07	15.36	20.27794	NA
12	Karnataka	13.68	12.95	13.06	13.11	11.92	10.99	12.51	11.44	12.30	14.30	NA
13	Kerala	14.39	13.21	12.82	12.92	12.57	12.14	11.78	11.16	10.90	11.99564	11.51206
14	Madhya Pradesh	29.99	34.50	35.64	36.18	35.02	40.02	40.11	38.20	41.30	44.40	42.77
15	Maharashtra	13.11	12.58	13.09	11.17	10.51	12.35	11.31	10.14	10.97	NA	NA
16	Manipur	19.77	21.65	22.02	22.41	20.89	20.54	26.90	27.61	25.01	23.76592	NA
17	Meghalaya	14.95	15.56	15.77	18.60	20.65	21.31	20.29	19.91	18.84	21.12	20.17
18	Mizoram	20.12	18.95	18.74	31.49	31.41	30.87	26.51	27.18	26.47	25.76	NA
19	Nagaland	30.94	32.49	33.90	33.90	30.98	32.68	32.18	29.85	28.18	NA	NA
20	Odisha	17.87	21.44	20.24	22.21	20.24	20.92	19.14	19.45	21.84	23.63	20.61
21	Punjab	30.80	29.82	29.52	28.86	28.71	29.23	29.20	29.14	29.03	30.71	29.22
22	Rajasthan	28.56	28.90	28.24	26.23	26.08	28.02	26.27	25.69	26.81	29.77	NA
23	Sikkim	8.28	9.05	9.19	9.42	9.03	9.72	9.97	10.33	10.36	10.59	10.80
24	Tamil Nadu	12.66	10.74	12.22	13.15	12.30	11.57	12.18	11.73	12.09	12.69	12.46
25	Telangana	16.25	17.95	18.17	16.32	14.28	14.83	14.91	14.71	17.85	19.57	18.26
26	Tripura	27.20	26.64	28.07	28.82	32.68	32.71	31.00	32.07	34.42	33.89	NA
27	Uttar Pradesh	26.87	27.42	26.88	25.84	25.77	24.76	24.65	24.37	24.65	25.85	24.94
28	Uttarakhand	12.28	12.42	11.32	10.71	9.95	9.42	9.57	9.34	10.02	11.44403	NA
29	West Bengal	23.49	24.17	25.78	24.37	24.52	23.72	23.72	22.78	22.30	22.21741	NA
30	A & N islands	14.79	13.77	14.36	13.81	13.82	12.30	13.24	12.93	12.10308	NA	NA
31	Chandigarh	0.67	0.61	0.59	0.61	0.64	0.55	0.54	0.58	0.574006	NA	NA
32	Delhi	0.94	0.75	0.67	0.57	0.51	0.47	0.49	0.46	0.42	0.38	NA
33	Puducherry	5.09	5.49	5.09	5.79	5.18	5.00	4.72	4.36	4.53	4.993486	5.025121

Source: National Statistical Office (NSO)

Note:

1. Data for Daman & Diu, Dadra & Nagar Haveli & Lakshadweep is not available.

NA :- Not Available

#: for the years 2019-20 and 2020-21 percentage share in total GSVA relates to UT of Jammu and Kashmir

*As per latest available estimates from respective State Governments (as on 15-03-2021)

1.5: Selected Economic and Social Indicators

Indicators	1970-71	1980-81	1990-91	2000-01	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
(1)	(2)	(3)	(4)	(5)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(15)
Macro Economic Indicators													
GDP ^a at current prices (₹ crore)	44382	136838	531814	2000743	9944013	11233522	12467959	13771874	15391669	17090042	18899668 [#]	20074856 [@]	19800914*
GDP ^a at constant prices (₹ crore)	589787	798506	1347889	2348481	9213017	9801370	10527674	11369493	12308193	13144582	13992914 [#]	14515958 [@]	13558473*
Per capita Income ^b at constant prices (₹)	10016	10712	14330	20418	65538	68572	72805	77659	83003	87586	92133 [#]	94270 [@]	85110*
Rate of Gross Capital Formation to GDP at current prices ^c (percentage)	15.1	19.2	26.0	24.3	38.7	33.8	33.5	32.1	32.0	33.9	33.8 [#]	30.7 [@]	27.3*
Rate of Gross Domestic Savings to GDP at current prices ^c (percentage)	14.3	17.8	22.9	23.7	33.9	32.1	32.2	31.1	31.4	32.1	31.8 [#]	29.9 [@]	28.2*
Index of Agricultural Production ^d	85.9	102.1	148.4	165.7	124.0	129.8	124.0	120.8	132.8	139.4	138.1	145.5	137.2
Index of Industrial Production (IIP) ^e	28.1	43.1	91.6	162.6	103.3	106.7	111.0	114.7	120.0	125.3	130.1	129.0	118.1
Wholesale Price Index (WPI) ^g	14.3	36.8	73.7	155.7	106.9	112.5	113.9	109.7	111.6	114.9	119.8	121.8	123.4
Consumer Price Index for Industrial workers (CPI-IW) ^f	38.0	81.0	193.0	444.0	215.0	236.0	251.0	265.0	276.0	284.4	299.9	323.0	333.0
Output													
Foodgrains Production (million tonnes)	108.4	129.6	176.4	196.8	257.1	265.0	252.0	251.6	275.1	285.0	285.2	297.5	308.6**
Coal and Lignite Production (million tonnes)	76.3	119.0	225.5	332.6	602.9	610.0	657.4	683.0	703.1	722.7	773.0	772.9(P)	NA
Crude Oil Production (million tonnes)	6.8	10.5	33.0	32.4	37.9	37.8	37.5	36.9	36.0	35.7	34.2	32.2	30.5
Electricity Generated (utilities only) [billion KWH]	56.0	121.0	264.0	500.0	964.5	1026.6	1105.1	1167.6	1235.4	1303.3	1371.76	1383.44	1373.15
Foreign Trade													
Exports (₹ crore)	1535	6711	32553	203571	1634318	1905011	1896348	1716384	1849434	1956515	2307726	2219854	2159043
(US \$ million)	2031	8486	18143	44560	300401	314405	310338	262291	275852	303526	330078	313361	291808
Imports (₹ crore)	1634	12549	43198	230873	2669162	2715421	2736677	2490306	2577675	3001033	3594675	3360954	2915958
(US \$ million)	2162	15869	24075	50536	490737	450198	447964	381008	384357	465581	514078	474709	394436
Foreign exchange reserves ^h [excluding gold, SDRs and Reserve Tranche Position at IMF] (₹ crore)	438	4822	4388	184482	1412630	1660910	1985460	2219061	2244939	2597569	2665564	3333815	3924168
(US \$ million)	584	5850	2236	39554	259726	276359	317324	336104	346319	399441.98	385356.86	442212.72	536693.39
Social Indicators													
Population (Million) ^h	548.2	683.3	846.4	1028.7	1235.0	1251.0	1267.0	1283.0	1299.0	1314.0	1327.0	1341.0	1355.0
Birth Rate (per 1000)	36.9	33.9	29.5	25.4	21.4 ⁱ	21.0 ⁱ	20.8 ⁱ	20.4 ⁱ	20.2 ⁱ	NA	NA	NA	NA
Death Rate (per 1000)	14.9	12.5	9.8	8.4	7.0 ⁱ	6.7 ⁱ	6.5 ⁱ	6.4 ⁱ	6.3 ⁱ	NA	NA	NA	NA
Life Expectancy at Birth (in Years)	45.6	50.4	58.7	62.5	67.9	68.3	68.7	69.0	NA	NA	NA	NA	NA
(a) Male	46.4	50.9	58.6	61.6	66.4	66.9	67.4	67.8	NA	NA	NA	NA	NA
(b) Female	44.7	50.0	59.0	63.3	69.6	70.0	70.2	70.4	NA	NA	NA	NA	NA
Education: Literacy Rate (%) ⁱ	34.4	43.6	52.2	64.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
(a) Male	46.0	56.4	64.1	75.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
(b) Female	22.0	29.8	39.3	53.7	NA	NA	NA	NA	NA	NA	NA	NA	NA

Source: Registrar General of India, Ministry of Finance, Department of Commerce, National Statistical Office and RBI.

*: First Revised Estimates; # : Third Revised Estimates; @ : Second Revised Estimates

** As per 4th Advance Estimates

P-Provisional

NA- Not Available

a: GDP estimates prior to 2011-12 are at factor cost based on 2004-05 series. Estimates from 2011-12 onwards are based on 2011-12 series:

b: Per capita Income prior to 2011-12 are based on constant (2004-05) prices and from 2011-12 onwards are based on constant (2011-12) price:

c: Figures upto 2010-11 are percentages of GDP at market prices (2004-05 series) and from 2011-12 onwards are percentage of GDP estimates based on 2011-12 series:

d: Base year for data till 2000-01 is Triennium ending (T.E.) 1981-82 and for data from 2010-11 onwards is T.E. 2007-08

e: IIP and WPI from 2012-13 onwards are as per Base Year: 2011-12=100 and earlier data is based on old base years

f: Figures from 2010-11 onwards are based on Base Year: 2001=100 and earlier data is based on old base years

g: As on end-March.

h: Relates to mid-financial year (as on October 1) based on estimated population figures of CSC

i: Estimates from Sample Registration System (SRS) Statistical Report, Office of RGI.

j: The figures for 1951 1961 and 1971 census relate to population aged 5 years and above and those for 1981, 1991, 2001 and 2011 to population aged 7 years and above

1.6: Disaggregated Outlay and Expenditure on Developmental Heads by Ministry of Agriculture & Farmers Welfare

(₹ Crore)

S.No.	Department	Actual 2019-20	Budget 2020-21	Revised 2020-21	Actual 2020-21	Budget 2021-22	Revised 2021-22	Budget 2022-23
(1)	(2)	(3)	(7)	(8)	(6)	(7)	(8)	(9)
A. Department of Agriculture and Farmers Welfare (DA&FW)								
1	Crop Husbandry	66368.90	87361.07	76559.13	79493.58	78413.49	84017.08	80137.34
2	Soil and Water Conservation	26.23	30.34	27.80	26.25	28.30	29.35	30.10
3	Agricultural Financial Institutions	16128.24	19098.22	18014.58	17789.72	11679.14	14009.38	17612.14
4	Co-operation	193.97	365.50	320.16	379.15	343.57	367.30	-
5	Other Agricultural Programmes	300.82	1001.35	620.60	529.58	1089.90	524.27	2204.30
6	Secretariat-Economic Services	132.70	147.12	133.67	123.39	147.28	154.45	163.40
7	Capital Outlay on Crop Husbandry	12.65	49.32	58.34	21.80	54.50	35.05	37.75
8	Capital Outlay on Other Agricultural Programmes	1.00	1.00	1.00	-	1.50	1.50	1.50
9	North-Eastern Areas	-	13380.98	11619.90	-	12242.70	11731.80	12332.60
10	Grants-in-aid to State Governments	11037.35	12817.72	9236.78	9804.03	12667.66	7178.28	11286.04
11	Grants-in-aid to Union Territory Governments	49.67	147.15	165.96	105.33	349.53	245.78	19.83
12	Capital Outlay on North-Eastern Areas	-	-	-	-	-	-	-
Total (DA&FW)		94251.62	134399.77	116757.92	108272.83	123017.57	118294.21	124000.00
B. Department of Agricultural Research and Education (DARE)								
1	Agricultural Research and Education	7517.30	7820.10	7258.34	7547.81	7857.70	7881.35	8013.39
2	Secretariat-Economic Services	6.07	7.55	6.40	5.96	7.32	7.07	32.65
3	North-Eastern Areas	-	534.93	497.64	-	648.60	625.20	467.58
Total (DARE)		7523.37	8362.58	7762.38	7553.77	8513.62	8513.62	8513.62

Source: Budget Documents, Ministry of Finance

Notes:

1. Actual Expenditure and Budget Allocations are net of recoveries

2. Vide Cabinet Secretariat's Notification No.S.O. 762(E) dated 05.02.2019 a new Ministry namely, Ministry of Fisheries, Animal Husbandry & Dairying has been created by carving out from the erstwhile D/o Animal Husbandry, Dairying and Fisheries under M/o Agriculture & Farmers Welfare.

1.7(a): Gross Capital Formation (GCF) in Agriculture & Allied sector at Current Prices

Year	GCF in Agriculture & Allied sector (₹ Crore)			GCF of Economy (by industry of use) (₹ Crore)			Share of GCF in Agriculture & Allied sector in GCF of Economy (%)		
	Public	Private	Total	Public	Private	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011-12	35696	238175	273870	658358	2547358	3205716	5.4	9.3	8.5
2012-13	39743	233747	273490	718648	2820849	3539498	5.5	8.3	7.7
2013-14	40827	290009	330836	794931	2865311	3660242	5.1	10.1	9.0
2014-15	47319	284545	331863	884470	3178620	4063089	5.3	9.0	8.2
2015-16	56167	242388	298555	1043697	3175873	4219570	5.4	7.6	7.1
2016-17	66895	281529	348424	1101593	3375162	4476754	6.1	8.3	7.8
2017-18	66916	295790	362706	1169731	3883450	5053181	5.7	7.6	7.2
2018-19*	80077	331357	411434	1378583	4508074	5886657	5.8	7.4	7.0
2019-20#	73123	357354	430477	1385042	4487075	5872117	5.3	8.0	7.3
2020-21@	76816	408979	485795	1425327	3826983	5252309	5.4	10.7	9.2

Source: National Statistics Office (NSO)

*:3rd Revised Estimates, #:2nd Revised Estimates, @:1st Revised Estimates

Note : 1. GCF of economy (Public Sector) is the sum of GCF of Public Non-financial corporations, Public Financial Corporations and

2. GCF of economy (Private Sector) is the sum of GCF of Private Non-Financial corporations, Private Financial Corporations and

1.7(b): Gross Capital Formation (GCF) in Agriculture & Allied sector at Constant (2011-12) Prices

Year	GCF in Agriculture & Allied sector			GCF of Economy (by industry of use)			Share of GCF in Agriculture & Allied sector		
	Public	Private	Total	Public	Private	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011-12	35696	238175	273870	658358	2547358	3205716	5.4	9.3	8.5
2012-13	36019	215075	251094	674878	2672444	3347322	5.3	8.0	7.5
2013-14	33925	250499	284424	716140	2608543	3324683	4.7	9.6	8.6
2014-15	37172	235491	272663	774388	2778459	3552847	4.8	8.5	7.7
2015-16	42522	195127	237648	923710	2808030	3731740	4.6	6.9	6.4
2016-17	47767	219386	267153	965680	2944527	3910207	4.9	7.5	6.8
2017-18	46032	226290	272321	976723	3312793	4289515	4.7	6.8	6.3
2018-19*	53493	243138	296631	1102348	3700932	4803280	4.9	6.6	6.2
2019-20#	47040	254632	301671	1097818	3621487	4719305	4.3	7.0	6.4
2020-21@	46728	279805	326533	1095893	3023813	4119706	4.3	9.3	7.9

Source: National Statistics Office (NSO)

*:3rd Revised Estimates, #:2nd Revised Estimates, @:1st Revised Estimates

1.8(a): Share of GCF in Agriculture and Allied sector in GVA of Economy at Current Prices

Year	GCF in Agriculture & Allied sector (₹ Crore)			GVA of Economy (₹ Crore)	Share of GCF in Agriculture & Allied sector in GVA of Economy (%)		
	Public	Private	Total		Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2011-12	35696	238175	273870	8106946	0.44	2.94	3.38
2012-13	39743	233747	273490	9202692	0.43	2.54	2.97
2013-14	40827	290009	330836	10363153	0.39	2.80	3.19
2014-15	47319	284545	331863	11504279	0.41	2.47	2.88
2015-16	56167	242388	298555	12574499	0.45	1.93	2.37
2016-17	66895	281529	348424	13965200	0.48	2.02	2.49
2017-18	66916	295790	362706	15505665	0.43	1.91	2.34
2018-19*	80077	331357	411434	17175128	0.47	1.93	2.40
2019-20#	73123	357354	430477	18355109	0.40	1.95	2.35
2020-21@	76816	408979	485795	18057810	0.43	2.26	2.69

Source: National Statistics Office (NSO)

*:3rd Revised Estimates, #:2nd Revised Estimates, @:1st Revised Estimates

1.8(b): Share of GCF in Agriculture and Allied sector in GVA of Economy at Constant (2011-12) Prices

Year	GCF in Agriculture & Allied sector (₹ Crore)			GVA of Economy (₹ Crore)	Share of GCF in Agriculture & Allied sector in GVA of Economy (%)		
	Public	Private	Total		Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2011-12	35696	238175	273870	8106946	0.44	2.94	3.38
2012-13	36019	215075	251094	8546275	0.42	2.52	2.94
2013-14	33925	250499	284424	9063649	0.37	2.76	3.14
2014-15	37172	235491	272663	9712133	0.38	2.42	2.81
2015-16	42522	195127	237648	10491870	0.41	1.86	2.27
2016-17	47767	219386	267153	11328285	0.42	1.94	2.36
2017-18	46032	226290	272321	12034171	0.38	1.88	2.26
2018-19*	53493	243138	296631	12733798	0.42	1.91	2.33
2019-20#	47040	254632	301671.3	13219476	0.36	1.93	2.28
2020-21@	46728	279805	326532.7	12585074	0.37	2.22	2.59

Source: National Statistics Office (NSO)

*:3rd Revised Estimates, #:2nd Revised Estimates, @:1st Revised Estimates

1.9: Share of GCF in Agriculture & Allied sector in GVA from Agriculture & Allied sector
(Figures in Percentage)

Year	At Constant (2011-12) Prices			At Current Prices		
	Public	Private	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2011-12	2.4	15.9	18.2	2.4	15.9	18.2
2012-13	2.4	14.1	16.5	2.4	14.0	16.3
2013-14	2.1	15.6	17.7	2.1	15.1	17.2
2014-15	2.3	14.7	17.0	2.3	13.6	15.9
2015-16	2.6	12.1	14.7	2.5	10.9	13.4
2016-17	2.8	12.7	15.5	2.7	11.2	13.8
2017-18	2.5	12.3	14.8	2.4	10.5	12.8
2018-19*	2.8	12.9	15.8	2.6	10.9	13.6
2019-20#	2.4	12.8	15.2	2.2	10.6	12.8
2020-21@	2.3	13.7	15.9	2.1	11.3	13.5

Source: National Statistics Office (NSO)

*:3rd Revised Estimates, #:2nd Revised Estimates, @:1st Revised Estimates

Chapter 2

Production, Trade & Prices of Commodities

2.1: Normal Estimates (Average of 2015-16 to 2019-20) of Area, Production and Yield of Major

Crops in India

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./ Hectare

Group of Crops	Crops	Season	Area	Production	Yield
(1)	(2)	(3)	(4)	(5)	(6)
I. Foodgrains	Rice	Khariif	39.57	97.83	2473
		Rabi	4.25	14.61	3436
		Total	43.82	112.44	2566
	Wheat	Rabi	30.31	100.42	3314
	Jowar	Khariif	1.95	1.90	971
		Rabi	3.18	2.47	779
		Total	5.13	4.37	852
	Bajra	Khariif	7.34	9.21	1254
	Maize	Khariif	7.47	18.79	2516
		Rabi	1.82	7.95	4381
		Total	9.28	26.74	2881
	Total Nutri/Coarse Cereals	Khariif	18.36	31.89	1737
		Rabi	5.60	12.09	2157
		Total	23.96	43.98	1836
	Tur	Khariif	4.56	3.79	829
	Gram	Rabi	9.57	9.77	1021
	Total Pulses	Khariif	13.53	8.06	596
		Rabi	14.61	13.87	950
		Total	28.14	21.93	780
	Total Foodgrains	Khariif	71.45	137.79	1928
		Rabi	54.77	141.00	2574
		Total	126.22	278.79	2209
II .Oilseeds	Groundnut	Total	4.88	8.03	1646
	Rapeseed & Mustard	Rabi	6.16	8.30	1349
	Soyabean	Khariif	11.29	11.43	1013
	Sunflower	Total	0.33	0.24	730
	Nine Oilseeds	Total	25.74	30.55	1187
III . Other Cash Crops	Sugarcane	Total	4.75	362.07	76181
	Cotton @	Total	12.36	31.90	439
	Jute & Mesta\$	Total	0.73	10.24	2515

Source : Directorate of Economics & Statistics, DA&FW

@ : Production in million bales of 170 kg. each.

\$: Production in million bales of 180 kg. each.

2.2: Season-wise Area, Production and Yield of Foodgrains

A - Area in Million Hectares

P - Production in Million Tonnes

Y - Yield in Kg./Hectare

Year	Kharif			Rabi			Total		
	A	P	Y	A	P	Y	A	P	Y
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1966-67	78.21	48.89	625	37.09	25.34	683	115.30	74.23	644
1967-68	81.49	60.76	746	39.93	34.29	859	121.42	95.05	783
1968-69	80.40	59.57	741	40.03	34.44	860	120.43	94.01	781
1969-70	82.30	62.35	758	41.27	37.15	900	123.57	99.50	805
1970-71	82.36	68.92	837	41.96	39.50	941	124.32	108.42	872
1971-72	79.22	62.99	795	43.40	42.18	972	122.62	105.17	858
1972-73	78.34	58.64	749	40.94	38.39	938	119.28	97.03	813
1973-74	84.12	67.84	806	42.42	36.83	868	126.54	104.67	827
1974-75	79.74	59.10	741	41.34	40.73	985	121.08	99.83	824
1975-76	83.15	73.89	889	45.03	47.14	1047	128.18	121.03	944
1976-77	81.18	66.53	820	43.18	44.64	1034	124.36	111.17	894
1977-78	82.88	77.72	938	44.64	48.69	1091	127.52	126.41	991
1978-79	82.85	78.08	942	46.16	53.82	1166	129.01	131.90	1022
1979-80	80.79	63.25	783	44.42	46.45	1046	125.21	109.70	876
1980-81	83.21	77.65	933	43.46	51.94	1195	126.67	129.59	1023
1981-82	83.93	79.38	946	45.21	53.92	1193	129.14	133.30	1032
1982-83	79.08	69.90	884	46.02	59.62	1296	125.10	129.52	1035
1983-84	84.14	89.23	1060	47.02	63.14	1343	131.16	152.37	1162
1984-85	81.18	84.52	1041	45.49	61.02	1341	126.67	145.54	1149
1985-86	81.80	85.25	1042	46.22	65.19	1410	128.02	150.44	1175
1986-87	81.46	80.20	985	45.74	63.22	1382	127.20	143.42	1128
1987-88	74.89	74.56	996	44.80	65.79	1469	119.69	140.35	1173
1988-89	82.03	95.64	1166	45.64	74.28	1628	127.67	169.92	1331
1989-90	81.40	100.99	1241	45.37	70.05	1544	126.77	171.04	1349
1990-91	80.78	99.44	1231	47.06	76.95	1635	127.84	176.39	1380
1991-92	78.02	91.59	1174	43.85	76.79	1751	121.87	168.38	1382
1992-93	77.92	101.47	1302	45.23	78.01	1725	123.15	179.48	1457
1993-94	75.81	100.40	1324	46.94	83.86	1787	122.75	184.26	1501
1994-95	75.19	101.09	1344	48.67	90.41	1858	123.86	191.50	1546
1995-96	73.60	95.12	1292	47.42	85.30	1799	121.02	180.42	1491
1996-97	75.34	103.82	1379	48.24	95.52	1980	123.58	199.34	1613
1997-98	74.37	101.58	1370	49.70	90.68	1825	124.07	192.26	1550
1998-99	73.99	102.91	1391	51.18	100.69	1967	125.17	203.60	1627
1999-00	73.24	105.51	1441	49.87	104.29	2091	123.11	209.80	1704
2000-01	75.22	102.09	1357	45.83	94.73	2067	121.05	196.81	1626
2001-02	74.23	112.07	1510	48.55	100.78	2076	122.78	212.85	1734
2002-03	68.56	87.22	1272	45.30	87.55	1933	113.86	174.77	1535
2003-04	75.44	117.00	1551	48.01	96.19	2004	123.45	213.19	1727
2004-05	72.26	103.31	1430	47.82	95.05	2004	120.08	198.36	1652
2005-06	72.72	109.87	1511	48.88	98.73	2020	121.60	208.60	1715
2006-07	72.67	110.58	1522	51.04	106.71	2091	123.71	217.28	1756
2007-08	73.58	121.00	1644	50.49	109.77	2174	124.07	230.78	1860
2008-09	71.45	118.18	1654	51.39	116.28	2263	122.85	234.47	1909
2009-10	69.51	104.00	1496	51.83	114.11	2202	121.34	218.11	1798
2010-11	72.42	120.90	1669	54.25	123.60	2278	126.67	244.50	1930
2011-12	72.08	131.27	1821	52.67	128.01	2430	124.75	259.29	2078
2012-13	67.69	128.07	1892	53.09	129.06	2431	120.78	257.13	2129
2013-14	69.05	128.69	1864	55.99	136.35	2435	125.04	265.04	2120
2014-15	68.77	128.06	1862	55.53	123.96	2232	124.30	252.02	2028
2015-16	69.20	125.09	1808	54.01	126.45	2341	123.22	251.54	2041
2016-17	73.20	138.33	1890	56.03	136.78	2441	129.23	275.11	2129
2017-18	72.00	140.47	1951	55.53	144.55	2603	127.52	285.01	2235
2018-19	72.33	141.52	1957	52.45	143.69	2740	124.78	285.21	2286
2019-20	70.86	143.81	2029	56.13	153.69	2738	126.99	297.50	2343
2020-21*	72.06	149.56	2076	57.29	159.08	2777	129.34	308.65	2386

Source : Directorate of Economics & Statistics, DA&FW

* Fourth Advance Estimates.

2.3(a): Foodgrains: All-India Area, Production and Yield alongwith coverage under Irrigation

Area - Million Hectares Production - Million Tonnes Yield - Kg./Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	97.32	50.82	522	18.10
1951-52	96.96	51.99	536	18.41
1952-53	102.09	59.20	580	18.09
1953-54	109.07	69.82	640	18.13
1954-55	107.86	68.03	631	18.42
1955-56	110.56	66.85	605	18.53
1956-57	111.14	69.86	629	18.15
1957-58	109.48	64.31	587	19.28
1958-59	114.76	77.14	672	18.69
1959-60	115.82	76.67	662	18.77
1960-61	115.58	82.02	710	19.09
1961-62	117.23	82.71	706	19.14
1962-63	117.84	80.15	680	19.80
1963-64	117.42	80.64	687	19.83
1964-65	118.11	89.36	757	20.22
1965-66	115.10	72.35	629	20.92
1966-67	115.30	74.23	644	22.21
1967-68	121.42	95.05	783	21.58
1968-69	120.43	94.01	781	23.55
1969-70	123.57	99.50	805	23.70
1970-71	124.32	108.42	872	24.11
1971-72	122.62	105.17	858	24.49
1972-73	119.28	97.03	813	25.35
1973-74	126.54	104.67	827	24.47
1974-75	121.08	99.83	824	26.52
1975-76	128.18	121.03	944	26.52
1976-77	124.36	111.17	894	27.36
1977-78	127.52	126.41	991	27.72
1978-79	129.01	131.90	1022	28.79
1979-80	125.21	109.70	876	30.35
1980-81	126.67	129.59	1023	29.66
1981-82	129.14	133.30	1032	29.59
1982-83	125.10	129.52	1035	30.83
1983-84	131.16	152.37	1162	30.93
1984-85	126.67	145.54	1149	31.88
1985-86	128.02	150.44	1175	31.38
1986-87	127.20	143.42	1128	32.64
1987-88	119.69	140.35	1173	33.48
1988-89	127.67	169.92	1331	34.42
1989-90	126.77	171.04	1349	34.99
1990-91	127.84	176.39	1380	35.07
1991-92	121.87	168.38	1382	37.37
1992-93	123.15	179.48	1457	37.42
1993-94	122.75	184.26	1501	38.66
1994-95	123.86	191.50	1546	39.61
1995-96	121.01	180.42	1491	40.13
1996-97	123.58	199.34	1614	41.71
1997-98	124.07	192.26	1552	41.71
1998-99	125.17	203.61	1627	43.31
1999-00	123.10	209.80	1704	44.63
2000-01	121.05	196.81	1626	43.70
2001-02	122.78	212.85	1734	43.58
2002-03	113.86	174.77	1535	43.42
2003-04	123.45	213.19	1727	42.60
2004-05	120.08	198.36	1652	44.59
2005-06	121.60	208.60	1715	45.70
2006-07	123.71	217.28	1756	47.18
2007-08	124.07	230.78	1860	47.28
2008-09	122.83	234.47	1909	48.47
2009-10	121.33	218.11	1798	47.84
2010-11	126.67	244.49	1930	48.06
2011-12	124.75	259.29	2078	49.82
2012-13	120.78	257.13	2129	51.30
2013-14	125.05	265.05	2120	51.92
2014-15	124.30	252.03	2028	53.06
2015-16	123.22	251.54	2041	52.66
2016-17	129.23	275.11	2129	52.16
2017-18	127.52	285.01	2235	53.00
2018-19	124.78	285.21	2286	54.32
2019-20	126.99	297.50	2343	
2020-21*	129.34	308.65	2386	

Source : Directorate of Economics & Statistics, DA&FW

* 4th Advance Estimates.

**2.3 (b): Foodgrains: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States
alongwith coverage under Irrigation**

State	2020-21#					2019-20					Area - Million Hectares Production - Million Tonnes Yield - Kg./Hectare
	Area	% to	Production	% to	Yield	Area	% to	Production	% to	Yield	Area Under Irrigation(%) 2018-19*
	(2)	All - India (3)	(4)	All - India (5)	(6)	(7)	All - India (8)	(9)	All - India (10)	(11)	(12)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttar Pradesh	19.93	15.41	58.32	18.89	2926	19.95	15.71	56.17	18.88	2816	81.3
Madhya Pradesh	15.41	11.91	31.96	10.36	2074	15.25	12.01	33.52	11.27	2199	61.6
Punjab	6.46	5.00	29.77	9.65	4606	6.60	5.19	29.86	10.04	4527	98.7
Rajasthan	15.53	12.01	24.31	7.88	1566	15.81	12.45	23.23	7.81	1469	33.06
West Bengal	6.61	5.11	20.11	6.51	3040	6.47	5.10	18.79	6.32	2904	52.77
Haryana	4.59	3.55	18.27	5.92	3984	4.59	3.62	17.86	6.00	3891	92.6
Maharashtra	11.33	8.76	16.07	5.21	1418	11.03	8.68	12.82	4.31	1163	18.1
Bihar	6.36	4.91	15.85	5.13	2493	6.18	4.87	14.23	4.78	2302	74.9
Karnataka	8.13	6.28	14.19	4.60	1745	7.71	6.07	12.78	4.30	1658	25.26
Tamil Nadu	3.83	2.96	11.45	3.71	2990	3.69	2.91	11.27	3.79	3052	54.4
Andhra Pradesh	4.08	3.15	11.42	3.70	2801	4.09	3.22	12.36	4.15	3022	60.48
Telangana	3.38	2.62	10.32	3.34	3051	3.19	2.52	11.13	3.74	3483	72.22
Others	23.71	18.33	46.61	15.10	1966	22.44	17.67	43.48	14.62	1938	
All India	129.34	100.00	308.65	100.00	2386	126.99	100.00	297.50	100.00	2343	54.3

Source : Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21.

Fourth Advance Estimates.

*-Provisional

2.4(a): Rice: All-India Area, Production and Yield alongwith coverage under Irrigation

Area - Million Hectares Production - Million Tonnes Yield - Kg./Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	30.81	20.58	668	31.70
1951-52	29.83	21.30	714	31.71
1952-53	29.97	22.90	764	32.30
1953-54	31.29	28.21	902	33.59
1954-55	30.77	25.22	820	34.41
1955-56	31.52	27.56	874	34.88
1956-57	32.28	29.04	900	35.45
1957-58	32.30	25.53	790	36.38
1958-59	33.17	30.85	930	36.29
1959-60	33.82	31.68	937	35.84
1960-61	34.13	34.58	1013	36.77
1961-62	34.69	35.66	1028	37.47
1962-63	35.69	33.21	931	37.39
1963-64	35.81	37.00	1033	37.08
1964-65	36.46	39.31	1078	37.28
1965-66	35.47	30.59	862	36.53
1966-67	35.25	30.44	864	37.95
1967-68	36.44	37.61	1032	38.56
1968-69	36.97	39.76	1075	38.42
1969-70	37.68	40.43	1073	38.23
1970-71	37.59	42.22	1123	38.36
1971-72	37.76	43.07	1141	37.21
1972-73	36.69	39.24	1070	39.08
1973-74	38.29	44.05	1150	38.38
1974-75	37.89	39.58	1045	38.81
1975-76	39.48	48.74	1235	38.66
1976-77	38.51	41.92	1089	38.39
1977-78	40.28	52.67	1308	40.21
1978-79	40.48	53.77	1328	41.64
1979-80	39.42	42.33	1074	42.83
1980-81	40.15	53.63	1336	40.67
1981-82	40.71	53.25	1308	41.53
1982-83	38.26	47.12	1232	41.96
1983-84	41.24	60.10	1457	42.70
1984-85	41.16	58.34	1417	43.72
1985-86	41.14	63.83	1552	42.86
1986-87	41.17	60.56	1471	44.09
1987-88	38.81	56.86	1465	43.61
1988-89	41.73	70.49	1689	45.79
1989-90	42.17	73.57	1745	46.09
1990-91	42.69	74.29	1740	45.55
1991-92	42.65	74.68	1751	47.30
1992-93	41.78	72.86	1744	48.02
1993-94	42.54	80.30	1888	48.60
1994-95	42.81	81.81	1911	49.87
1995-96	42.84	76.98	1797	49.91
1996-97	43.43	81.73	1882	53.46
1997-98	43.45	82.54	1900	53.22
1998-99	44.80	86.08	1921	55.08
1999-00	45.16	89.68	1986	55.09
2000-01	44.71	84.98	1901	54.37
2001-02	44.90	93.34	2079	54.56
2002-03	41.18	71.82	1744	51.32
2003-04	42.59	88.53	2079	52.89
2004-05	41.91	83.13	1984	55.23
2005-06	43.66	91.79	2102	56.83
2006-07	43.81	93.36	2131	58.02
2007-08	43.91	96.69	2202	57.73
2008-09	45.54	99.18	2178	58.80
2009-10	41.92	89.09	2125	56.88
2010-11	42.86	95.98	2239	58.83
2011-12	44.01	105.30	2393	58.57
2012-13	42.75	105.23	2461	58.47
2013-14	44.14	106.65	2416	59.60
2014-15	44.11	105.48	2391	60.04
2015-16	43.50	104.41	2400	60.12
2016-17	43.99	109.70	2494	60.59
2017-18	43.77	112.76	2576	61.25
2018-19	44.16	116.48	2638	62.69
2019-20	43.66	118.87	2722	
2020-21*	45.07	122.27	2713	

Source : Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

**2.4 (b): Rice: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States
alongwith coverage under Irrigation**

Area - Million Hectares
Production - Million
Tonnes Yield - Kg./
Hectare

State	2020-21#					2019-20					Area Under Irrigation(%) 2018-19*
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
West Bengal	5.58	12.38	16.65	13.62	2984	5.49	12.58	15.88	13.36	2892	51.08
Uttar Pradesh	5.68	12.60	15.66	12.81	2759	5.74	13.14	15.52	13.05	2705	86.3
Punjab	2.79	6.19	12.18	9.96	4366	2.92	6.69	11.78	9.91	4034	99.7
Odisha	4.03	8.95	8.77	7.17	2173	3.94	9.03	8.36	7.03	2122	31.5
Andhra Pradesh	2.32	5.16	7.89	6.45	3395	2.30	5.27	8.66	7.28	3765	96.9
Telangana	2.31	5.14	7.70	6.30	3327	2.01	4.61	7.43	6.25	3694	99.3
Tamil Nadu	2.04	4.52	7.28	5.96	3574	1.91	4.37	7.17	6.03	3760	93.2
Chattisgarh	3.79	8.41	7.16	5.86	1889	3.67	8.40	6.77	5.70	1848	37.0
Bihar	3.02	6.71	6.88	5.63	2276	2.89	6.61	6.30	5.30	2182	72.1
Assam	2.36	5.24	5.26	4.30	2224	2.29	5.25	4.98	4.19	2176	15.9
Others	11.13	24.70	26.84	21.95	2411	10.51	24.08	26.02	21.89	2475	
All India	45.07	100.00	122.27	100.00	2713	43.66	100.00	118.87	100.00	2722	62.7

Source : Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.5(a): Wheat: All-India Area, Production and Yield alongwith coverage under Irrigation

Area - Million Hectares Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	9.75	6.46	663	33.99
1951-52	9.47	6.18	653	35.76
1952-53	9.83	7.50	763	37.15
1953-54	10.68	8.02	750	36.16
1954-55	11.26	9.04	803	35.00
1955-56	12.37	8.76	708	32.67
1956-57	13.52	9.40	695	29.37
1957-58	11.73	7.99	682	33.32
1958-59	12.62	9.96	789	31.83
1959-60	13.38	10.32	772	31.84
1960-61	12.93	11.00	851	32.74
1961-62	13.57	12.07	890	31.89
1962-63	13.59	10.78	793	33.80
1963-64	13.50	9.85	730	34.94
1964-65	13.42	12.26	913	36.76
1965-66	12.57	10.40	827	43.07
1966-67	12.84	11.39	887	47.97
1967-68	14.99	16.54	1103	43.35
1968-69	15.96	18.65	1169	49.85
1969-70	16.63	20.09	1208	51.14
1970-71	18.24	23.83	1307	54.25
1971-72	19.14	26.41	1380	54.49
1972-73	19.46	24.74	1271	57.62
1973-74	18.58	21.78	1172	57.70
1974-75	18.01	24.10	1338	61.77
1975-76	20.45	28.84	1410	61.76
1976-77	20.92	29.01	1387	65.09
1977-78	21.46	31.75	1480	64.60
1978-79	22.64	35.51	1568	65.96
1979-80	22.17	31.83	1436	68.32
1980-81	22.28	36.31	1630	69.98
1981-82	22.14	37.45	1691	70.68
1982-83	23.57	42.79	1816	72.53
1983-84	24.67	45.48	1843	73.00
1984-85	23.56	44.07	1870	74.47
1985-86	23.00	47.05	2046	74.61
1986-87	23.13	44.32	1916	76.34
1987-88	23.06	46.17	2002	76.84
1988-89	24.11	54.11	2244	79.25
1989-90	23.50	49.85	2121	80.27
1990-91	24.17	55.14	2281	81.14
1991-92	23.26	55.69	2394	83.68
1992-93	24.59	57.21	2327	84.24
1993-94	25.15	59.84	2380	84.77
1994-95	25.70	65.77	2559	85.12
1995-96	25.01	62.10	2483	85.80
1996-97	25.89	69.35	2679	86.86
1997-98	26.70	66.35	2485	86.33
1998-99	27.52	71.29	2590	86.60
1999-00	27.49	76.37	2778	87.16
2000-01	25.73	69.68	2708	88.37
2001-02	26.34	72.77	2762	88.60
2002-03	25.20	65.76	2610	88.80
2003-04	26.59	72.16	2713	89.56
2004-05	26.38	68.64	2602	89.85
2005-06	26.48	69.35	2619	90.55
2006-07	27.99	75.81	2708	90.85
2007-08	28.04	78.57	2802	91.32
2008-09	27.75	80.68	2907	91.69
2009-10	28.46	80.80	2839	91.76
2010-11	29.07	86.87	2988	92.18
2011-12	29.86	94.88	3177	93.05
2012-13	30.00	93.51	3117	93.49
2013-14	30.47	95.85	3146	93.64
2014-15	31.47	86.53	2750	94.28
2015-16	30.42	92.29	3034	94.23
2016-17	30.79	98.51	3200	94.50
2017-18	29.65	99.87	3368	94.66
2018-19	29.32	103.60	3534	95.34
2019-20	31.36	107.86	3440	
2020-21*	31.61	109.52	3464	

Source : Directorate of Economics & Statistics, DA&FW
* 4th Advance Estimates.

2.5 (b): Wheat: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes,
Yield - Kg./ Hectare

State	<u>2020-21#</u>					<u>2019-20</u>					Area
	Area	%	Production	%	Yield	Area	%	Production	%	Yield	Under Irrigation(%)
	to		to			to		to			2018-19*
	All - India		All - India			All - India		All - India			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttar Pradesh	9.85	31.16	35.50	32.42	3604	9.85	31.42	33.82	31.35	3432	99.0
Madhya Pradesh	6.39	20.20	17.62	16.08	2758	6.55	20.89	19.61	18.18	2993	96.3
Punjab	3.53	11.15	17.14	15.65	4862	3.52	11.23	17.62	16.33	5003	99.1
Haryana	2.56	8.08	12.36	11.28	4836	2.53	8.08	11.88	11.01	4687	99.9
Rajasthan	3.00	9.50	11.04	10.08	3676	3.12	9.94	10.92	10.12	3501	99.8
Bihar	2.22	7.02	6.34	5.79	2855	2.15	6.86	5.58	5.17	2595	95.0
Gujarat	1.02	3.22	3.26	2.98	3204	1.02	3.25	3.33	3.08	3268	90.8
Maharashtra	1.31	4.13	2.33	2.13	1782	1.06	3.37	1.79	1.66	1697	73.9
Others	1.75	5.54	3.94	3.60	2250	1.55	4.96	3.33	3.09	2141	
All India	31.61	100.00	109.52	100.00	3464	31.36	100.00	107.86	100.00	3440	95.3

Source : Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.6(a): Nutri/Coarse Cereals: All-India Area, Production and Yield

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1950-51	37.67	15.38	408
1951-52	38.88	16.09	414
1952-53	42.45	19.61	462
1953-54	45.37	22.97	506
1954-55	43.92	22.82	520
1955-56	43.45	19.49	449
1956-57	42.02	19.87	473
1957-58	42.91	21.23	495
1958-59	44.66	23.18	519
1959-60	43.79	22.87	522
1960-61	44.96	23.74	528
1961-62	44.73	23.22	519
1962-63	44.29	24.63	556
1963-64	43.93	23.72	540
1964-65	44.35	25.37	514
1965-66	44.34	21.42	483
1966-67	45.09	24.05	533
1967-68	47.34	28.80	608
1968-69	46.24	25.18	545
1969-70	47.24	27.29	578
1970-71	45.95	30.55	665
1971-72	43.57	24.60	564
1972-73	42.21	23.14	548
1973-74	46.24	28.83	623
1974-75	43.15	26.13	606
1975-76	43.80	30.41	694
1976-77	41.94	28.88	689
1977-78	42.28	30.02	710
1978-79	42.23	30.44	721
1979-80	41.36	26.97	652
1980-81	41.78	29.02	695
1981-82	42.45	31.09	733
1982-83	40.43	27.75	685
1983-84	41.71	33.90	813
1984-85	39.21	31.17	795
1985-86	39.47	26.20	664
1986-87	39.74	26.83	675
1987-88	36.55	26.36	721
1988-89	38.68	31.47	814
1989-90	37.69	34.76	922
1990-91	36.32	32.70	900
1991-92	33.42	25.99	778
1992-93	34.42	36.59	1063
1993-94	32.82	30.82	939
1994-95	32.17	29.88	929
1995-96	30.88	29.03	940
1996-97	31.81	34.11	1072
1997-98	31.05	30.40	986
1998-99	29.34	31.34	1068
1999-00	29.34	30.33	1034
2000-01	30.26	31.08	1027
2001-02	29.52	33.38	1131
2002-03	26.99	26.07	966
2003-04	30.80	37.60	1221
2004-05	29.03	33.46	1153
2005-06	29.06	34.07	1172
2006-07	28.71	33.92	1182
2007-08	28.48	40.75	1431
2008-09	27.45	40.04	1459
2009-10	27.68	33.55	1212
2010-11	28.34	43.40	1531
2011-12	26.42	42.01	1590
2012-13	24.76	40.04	1617
2013-14	25.22	43.29	1717
2014-15	25.17	42.86	1703
2015-16	24.39	38.52	1579
2016-17	25.01	43.77	1750
2017-18	24.29	46.97	1934
2018-19	22.15	43.06	1944
2019-20	23.99	47.75	1991
2020-21*	23.83	51.15	2146

Source : Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

2.6 (b): Nutri/Coarse Cereals : Area, Production and Yield during 2019-20 and 2020-21 in major Producing States

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

State	2020-21#					2019-20				
	Area	%	Production	%	Yield	Area	%	Production	%	Yield
		to		to			to		to	
		All - India		All - India			All - India		All - India	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Rajasthan	6.15	25.81	8.33	16.30	1355	6.13	25.56	7.33	15.36	1196
Karnataka	3.45	14.47	7.73	15.11	2243	3.26	13.60	6.81	14.27	2088
Maharashtra	3.89	16.33	6.00	11.72	1540	4.22	17.61	4.39	9.20	1040
Madhya Pradesh	2.01	8.42	4.63	9.06	2309	1.92	8.01	5.03	10.53	2617
Uttar Pradesh	2.02	8.49	4.59	8.97	2266	1.99	8.29	4.39	9.19	2206
Tamil Nadu	0.99	4.14	3.67	7.17	3721	0.96	4.01	3.49	7.32	3633
West Bengal	0.37	1.57	2.46	4.81	6563	0.31	1.30	2.02	4.23	6478
Andhra Pradesh	0.51	2.14	2.45	4.78	4805	0.54	2.24	2.53	5.30	4714
Bihar	0.67	2.80	2.25	4.39	3367	0.69	2.87	2.02	4.23	2932
Telangana	0.37	1.57	1.95	3.81	5212	0.66	2.76	3.14	6.57	4749
Gujarat	0.91	3.80	1.73	3.38	1906	0.93	3.90	1.79	3.74	1912
Haryana	0.62	2.59	1.42	2.77	2300	0.54	2.25	1.10	2.30	2031
Others	1.88	7.87	3.95	7.73	2108	1.82	7.60	3.70	7.76	2032
All India	23.83	100.00	51.15	100.00	2146	23.99	100.00	47.75	100.00	1991

Source : Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

2.7(a):Jowar: All-India Area, Production and Yield alongwith coverage under Irrigation

Area - Million Hectares Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	15.57	5.50	353	2.98
1951-52	15.94	6.08	381	3.46
1952-53	17.54	7.36	420	3.06
1953-54	17.76	8.08	455	3.09
1954-55	17.46	9.20	527	3.29
1955-56	17.36	6.73	387	3.58
1956-57	16.24	7.33	451	3.40
1957-58	17.31	8.64	499	3.53
1958-59	17.96	9.03	503	3.46
1959-60	17.71	8.58	484	3.61
1960-61	18.41	9.81	533	3.55
1961-62	18.25	8.03	440	3.69
1962-63	18.41	9.75	529	3.71
1963-64	18.38	9.20	501	3.92
1964-65	18.06	9.68	536	3.77
1965-66	17.68	7.58	429	4.05
1966-67	18.05	9.22	511	3.95
1967-68	18.42	10.05	545	3.94
1968-69	18.73	9.80	523	4.45
1969-70	18.61	9.72	522	4.06
1970-71	17.37	8.11	466	3.64
1971-72	16.78	7.72	460	4.44
1972-73	15.51	6.97	449	3.26
1973-74	16.72	9.10	544	3.97
1974-75	16.19	10.41	643	4.61
1975-76	16.09	9.50	591	4.89
1976-77	15.77	10.52	667	5.06
1977-78	16.32	12.06	739	4.89
1978-79	16.15	11.44	708	4.80
1979-80	16.67	11.65	699	4.89
1980-81	15.81	10.43	660	4.68
1981-82	16.60	12.06	727	4.63
1982-83	16.38	10.75	657	4.27
1983-84	16.43	11.92	725	4.14
1984-85	15.94	11.40	715	4.35
1985-86	16.10	10.20	633	4.50
1986-87	15.95	9.19	576	4.94
1987-88	16.00	12.20	762	4.93
1988-89	14.60	10.17	697	5.75
1989-90	14.84	12.90	869	6.30
1990-91	14.36	11.68	814	5.62
1991-92	12.36	8.10	655	6.51
1992-93	13.04	12.81	982	6.13
1993-94	12.71	11.41	895	6.17
1994-95	11.51	8.97	779	6.62
1995-96	11.33	9.33	823	6.80
1996-97	11.43	10.94	957	6.95
1997-98	10.80	7.53	697	7.37
1998-99	9.79	8.42	859	8.08
1999-00	10.25	8.68	847	8.27
2000-01	9.86	7.53	764	8.33
2001-02	9.80	7.56	771	7.40
2002-03	9.30	7.01	754	7.85
2003-04	9.33	6.68	716	7.59
2004-05	9.09	7.24	797	8.77
2005-06	8.67	7.63	880	8.48
2006-07	8.47	7.15	844	8.32
2007-08	7.76	7.93	1021	8.91
2008-09	7.53	7.25	962	9.25
2009-10	7.79	6.70	860	8.79
2010-11	7.38	7.00	949	8.70
2011-12	6.25	5.98	957	9.68
2012-13	6.21	5.28	850	9.65
2013-14	5.79	5.54	956	9.58
2014-15	6.16	5.45	884	9.90
2015-16	6.08	4.24	697	10.26
2016-17	5.62	4.57	812	9.84
2017-18	5.02	4.80	956	10.12
2018-19	4.09	3.48	849	10.10
2019-20	4.82	4.77	989	
2020-21*	4.24	4.78	1128	

Source : Directorate of Economics & Statistics, DA&FW

* 4th Advance Estimates.

2.7 (b): Jowar: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./ Hectare

2020-21#						2019-20					Area
State	Area	%	Production	%	Yield	Area	%	Production	%	Yield	Under Irrigation(%)
		to		to				to			2018-19*
	All - India		All - India			All - India		All - India			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Maharashtra	1.94	45.63	1.76	36.85	911	2.29	47.49	1.81	37.88	789	9.54*
Karnataka	0.74	17.52	0.88	18.43	1187	0.83	17.14	0.99	20.68	1194	9.7
Rajasthan	0.56	13.20	0.59	12.35	1055	0.64	13.33	0.46	9.55	709	0.5
Tamil Nadu	0.41	9.69	0.45	9.41	1096	0.45	9.33	0.52	10.90	1156	9.9
Andhra Pradesh	0.12	2.83	0.37	7.70	3070	0.16	3.21	0.39	8.15	2510	34.2
Uttar Pradesh	0.17	4.10	0.27	5.74	1578	0.17	3.48	0.23	4.75	1349	6.1
Telangana	0.10	2.43	0.19	4.00	1855	0.09	1.82	0.12	2.60	1407	20.9
Madhya Pradesh	0.11	2.55	0.18	3.69	1636	0.11	2.24	0.17	3.46	1529	1.3
Others	0.09	2.06	0.09	1.82	998	0.09	1.96	0.10	2.03	1024	
All India	4.24	100.00	4.78	100.00	1128	4.82	100.00	4.77	100.00	989	10.1

Source : Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.8(a): Bajra: All-India Area, Production and Yield alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	9.02	2.60	288	3.45
1951-52	9.52	2.35	246	3.82
1952-53	10.77	3.19	296	3.33
1953-54	12.20	4.55	373	3.11
1954-55	11.37	3.52	310	3.64
1955-56	11.34	3.43	302	3.60
1956-57	11.25	2.87	255	3.06
1957-58	11.17	3.62	324	2.94
1958-59	11.43	3.87	338	3.02
1959-60	10.70	3.49	327	2.76
1960-61	11.47	3.28	286	2.79
1961-62	11.28	3.65	323	2.59
1962-63	10.96	3.96	361	2.68
1963-64	11.10	3.88	349	2.29
1964-65	11.83	4.52	382	2.32
1965-66	11.97	3.75	314	2.76
1966-67	12.24	4.47	365	3.12
1967-68	12.81	5.19	405	2.97
1968-69	12.05	3.80	315	4.09
1969-70	12.49	5.33	426	4.20
1970-71	12.91	8.03	622	3.98
1971-72	11.77	5.32	452	3.65
1972-73	11.82	3.93	333	4.55
1973-74	13.93	7.52	540	4.19
1974-75	11.29	3.27	290	5.54
1975-76	11.57	5.74	496	5.08
1976-77	10.75	5.85	544	4.89
1977-78	11.10	4.73	426	4.43
1978-79	11.39	5.57	489	4.37
1979-80	10.58	3.95	373	5.97
1980-81	11.66	5.34	458	5.53
1981-82	11.78	5.54	470	5.95
1982-83	10.94	5.13	469	5.96
1983-84	11.83	7.72	653	4.84
1984-85	10.62	6.05	569	5.15
1985-86	10.65	3.66	344	5.10
1986-87	11.27	4.51	401	5.98
1987-88	8.71	3.30	378	8.37
1988-89	12.04	7.78	646	5.26
1989-90	10.90	6.65	610	6.28
1990-91	10.48	6.89	658	5.10
1991-92	10.03	4.67	465	6.50
1992-93	10.62	8.88	836	5.80
1993-94	9.55	4.97	521	6.58
1994-95	10.22	7.16	700	5.50
1995-96	9.32	5.38	577	6.23
1996-97	9.98	7.87	788	5.44
1997-98	9.89	7.64	773	5.97
1998-99	9.30	6.96	748	6.94
1999-00	8.90	5.78	650	8.11
2000-01	9.83	6.76	688	7.81
2001-02	9.53	8.28	869	6.60
2002-03	7.74	4.72	610	9.62
2003-04	10.61	12.11	1141	6.30
2004-05	9.23	7.93	859	8.16
2005-06	9.58	7.68	802	9.13
2006-07	9.51	8.42	886	9.56
2007-08	9.57	9.97	1042	10.25
2008-09	8.75	8.89	1015	9.28
2009-10	8.90	6.51	731	9.18
2010-11	9.61	10.37	1079	8.02
2011-12	8.78	10.28	1171	8.12
2012-13	7.30	8.74	1198	9.11
2013-14	7.81	9.25	1184	9.05
2014-15	7.32	9.18	1255	9.51
2015-16	7.13	8.07	1132	10.54
2016-17	7.46	9.73	1305	10.22
2017-18	7.48	9.21	1231	9.89
2018-19	7.11	8.66	1219	9.40
2019-20	7.54	10.36	1374	
2020-21*	7.57	10.86	1436	

Source : Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

2.8 (b): Bajra: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./ Hectare

2020-21#						2019-20					Area
State	Area	%	Production	%	Yield	Area	%	Production	%	Yield	Under Irrigation(%)
	to		to			to		to			2018-19*
	All - India		All - India			All - India		All - India			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rajasthan	4.32	57.10	4.53	41.71	1049	4.29	56.84	4.69	45.22	1093	4.71
Uttar Pradesh	0.91	11.99	2.01	18.54	2221	0.92	12.16	1.94	18.72	2115	15.1
Haryana	0.57	7.52	1.35	12.43	2372	0.49	6.53	1.02	9.83	2068	34.9
Gujarat	0.46	6.04	1.00	9.22	2192	0.44	5.77	0.91	8.81	2098	22.3
Madhya Pradesh	0.33	4.32	0.74	6.79	2256	0.30	3.92	0.66	6.34	2219	2.7
Maharashtra	0.64	8.42	0.64	5.88	1003	0.67	8.92	0.51	4.94	761	5.0
Karnataka	0.22	2.92	0.29	2.65	1303	0.32	4.27	0.37	3.54	1140	15.4
Others	0.13	1.69	0.30	2.77	2360	0.12	1.59	0.27	2.60	2249	
All India	7.57	100.00	10.86	100.00	1436	7.54	100.00	10.36	100.00	1374	9.4

Source : Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.9(a): Maize: All-India Area, Production and Yield alongwith coverage under Irrigation

Area - Million Hectares Production
- Million Tonnes Yield - Kg./
Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	3.16	1.73	547	11.35
1951-52	3.31	2.08	628	16.42
1952-53	3.61	2.87	795	14.03
1953-54	3.87	3.04	786	11.50
1954-55	3.75	2.98	795	14.59
1955-56	3.70	2.60	703	11.76
1956-57	3.76	3.08	819	13.12
1957-58	4.08	3.15	772	13.39
1958-59	4.27	3.46	810	10.47
1959-60	4.34	4.07	938	9.94
1960-61	4.41	4.08	925	12.63
1961-62	4.51	4.31	956	9.46
1962-63	4.64	4.61	994	11.45
1963-64	4.58	4.56	995	11.40
1964-65	4.62	4.66	1010	12.09
1965-66	4.80	4.82	1005	16.12
1966-67	5.07	4.89	964	15.65
1967-68	5.58	6.27	1123	11.89
1968-69	5.72	5.70	997	19.53
1969-70	5.86	5.67	968	18.23
1970-71	5.85	7.49	1279	15.86
1971-72	5.67	5.10	900	14.32
1972-73	5.84	6.39	1094	18.77
1973-74	6.02	5.80	965	14.66
1974-75	5.86	5.56	948	20.98
1975-76	6.03	7.26	1203	16.15
1976-77	6.00	6.36	1060	17.66
1977-78	5.68	5.97	1051	16.32
1978-79	5.76	6.20	1076	16.34
1979-80	5.72	5.60	979	23.98
1980-81	6.01	6.96	1159	20.14
1981-82	5.94	6.90	1162	19.78
1982-83	5.72	6.55	1145	21.66
1983-84	5.86	7.92	1352	16.94
1984-85	5.80	8.44	1456	17.52
1985-86	5.80	6.64	1146	18.72
1986-87	5.92	7.59	1282	21.19
1987-88	5.56	5.72	1029	21.22
1988-89	5.90	8.23	1395	20.95
1989-90	5.92	9.65	1632	20.75
1990-91	5.90	8.96	1518	19.72
1991-92	5.86	8.06	1376	22.47
1992-93	5.96	9.99	1676	21.46
1993-94	6.00	9.60	1602	22.44
1994-95	6.14	8.88	1570	20.59
1995-96	5.98	9.53	1595	22.63
1996-97	6.26	10.77	1720	21.15
1997-98	6.32	10.82	1711	20.82
1998-99	6.20	11.15	1797	21.65
1999-00	6.42	11.51	1792	22.31
2000-01	6.61	12.04	1822	21.79
2001-02	6.58	13.16	2000	20.54
2002-03	6.64	11.15	1681	20.07
2003-04	7.34	14.98	2041	19.28
2004-05	7.43	14.17	1907	21.06
2005-06	7.59	14.71	1938	22.67
2006-07	7.89	15.10	1912	22.25
2007-08	8.12	18.96	2335	24.31
2008-09	8.17	19.73	2414	25.06
2009-10	8.26	16.72	2024	24.21
2010-11	8.55	21.73	2542	24.54
2011-12	8.78	21.76	2478	25.67
2012-13	8.67	22.26	2566	25.86
2013-14	9.07	24.26	2676	27.16
2014-15	9.19	24.17	2632	26.58
2015-16	8.81	22.57	2563	26.74
2016-17	9.63	25.90	2689	25.98
2017-18	9.38	28.75	3065	28.01
2018-19	9.03	27.72	3070	26.28
2019-20	9.57	28.77	3006	
2020-21*	9.86	31.51	3195	

Source : Directorate of Economics & Statistics, DA&FW
4th Advance Estimates.

2.9 (b): Maize: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares
Production - Million
Tonnes Yield - Kg./
Hectare

State	2020-21#					2019-20					Area
	Area	%	Production	%	Yield	Area	%	Production	%	Yield	Under Irrigation(%)
	to		to			to		to			2018-19*
	All - India		All - India			All - India		All - India			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Karnataka	1.68	17.00	5.18	16.45	3092	1.42	14.88	4.26	14.80	2990	29.16
Madhya Pradesh	1.46	14.82	3.58	11.37	2451	1.40	14.67	4.07	14.15	2899	3.2
Maharashtra	1.15	11.62	3.44	10.91	3000	1.13	11.77	1.96	6.81	1740	12.7
Tamil Nadu	0.40	4.04	2.72	8.63	6820	0.33	3.49	2.48	8.61	7424	28.7
West Bengal	0.37	3.70	2.45	7.76	6702	0.30	3.16	2.01	6.98	6647	85.7
Rajasthan	1.00	10.09	2.27	7.20	2281	0.89	9.31	1.21	4.20	1355	1.7
Bihar	0.65	6.58	2.22	7.06	3427	0.67	7.03	2.00	6.96	2975	71.59
Andhra Pradesh	0.30	3.07	1.95	6.19	6438	0.30	3.15	2.02	7.01	6701	71.8
Uttar Pradesh	0.77	7.85	1.80	5.72	2331	0.73	7.62	1.69	5.89	2323	47.7
Telangana	0.26	2.64	1.75	5.55	6721	0.56	5.86	3.00	10.43	5347	37.8
Others	1.83	18.59	4.14	13.15	2259	1.82	19.06	4.07	14.16	2234	
All India	9.86	100.00	31.51	100.00	3195	9.57	100.00	28.77	100.00	3006	26.28

Source : Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.10(a): Total Pulses: All-India Area, Production and Yield alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	19.09	8.41	441	9.43
1951-52	18.78	8.42	448	9.68
1952-53	19.84	9.19	463	9.76
1953-54	21.73	10.62	489	9.24
1954-55	21.91	10.95	500	8.80
1955-56	23.22	11.04	475	8.40
1956-57	23.32	11.55	495	7.30
1957-58	22.54	9.56	424	9.13
1958-59	24.31	13.15	541	8.44
1959-60	24.83	11.80	475	8.47
1960-61	23.56	12.70	539	8.02
1961-62	24.24	11.76	485	8.08
1962-63	24.27	11.53	475	8.91
1963-64	24.18	10.07	416	8.86
1964-65	23.88	12.42	520	9.15
1965-66	22.72	9.94	438	9.41
1966-67	22.12	8.35	377	10.86
1967-68	22.65	12.10	534	8.70
1968-69	21.26	10.42	490	9.77
1969-70	22.02	11.69	531	9.38
1970-71	22.54	11.82	524	8.75
1971-72	22.15	11.09	501	8.75
1972-73	20.92	9.91	474	8.15
1973-74	23.43	10.01	427	7.89
1974-75	22.03	10.02	455	8.11
1975-76	24.45	13.04	533	7.86
1976-77	22.98	11.36	494	7.50
1977-78	23.50	11.97	510	7.14
1978-79	23.66	12.18	515	7.90
1979-80	22.26	8.57	385	8.76
1980-81	22.46	10.63	473	8.95
1981-82	23.84	11.51	483	8.50
1982-83	22.83	11.86	519	8.19
1983-84	23.54	12.89	548	7.47
1984-85	22.74	11.96	526	7.86
1985-86	24.42	13.36	547	8.53
1986-87	23.16	11.71	506	9.63
1987-88	21.27	10.96	515	9.41
1988-89	23.15	13.85	598	9.34
1989-90	23.41	12.86	549	9.99
1990-91	24.66	14.26	578	10.48
1991-92	22.54	12.02	533	10.69
1992-93	22.36	12.82	573	10.46
1993-94	22.25	13.30	598	11.30
1994-95	23.03	14.04	610	12.72
1995-96	22.28	12.31	552	12.90
1996-97	22.45	14.15	630	12.80
1997-98	22.87	12.97	567	11.23
1998-99	23.50	14.91	634	12.11
1999-00	21.12	13.42	635	12.98
2000-01	20.35	11.08	544	12.64
2001-02	22.01	13.37	607	13.32
2002-03	20.50	11.13	543	13.97
2003-04	23.46	14.91	635	13.65
2004-05	22.76	13.13	577	14.04
2005-06	22.39	13.38	598	14.55
2006-07	23.19	14.20	612	15.45
2007-08	23.63	14.76	625	15.89
2008-09	22.09	14.57	659	16.47
2009-10	23.28	14.66	630	16.21
2010-11	26.40	18.24	691	14.92
2011-12	24.46	17.09	699	16.13
2012-13	23.26	18.34	789	18.51
2013-14	25.21	19.25	764	19.72
2014-15	23.55	17.15	728	19.86
2015-16	24.91	16.32	655	19.26
2016-17	29.45	23.13	786	18.83
2017-18	29.81	25.42	853	22.87
2018-19	29.16	22.08	757	23.20
2019-20	27.99	23.03	823	
2020-21*	28.83	25.72	892	

Source: Directorate of Economics & Statistics, DA&FW

* 4th Advance Estimates.

2.10 (b): Total Pulses: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

State	2020-21#					2019-20					Area
	Area	%	Production	%	Yield	Area	%	Production	%	Yield	Under Irrigation(%)
	to		to			to		to			2018-19*
	All - India		All - India			All - India		All - India			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Madhya Pradesh	4.89	16.95	5.30	20.60	1084	4.76	17.00	4.11	17.84	864	45.4
Rajasthan	6.15	21.32	4.31	16.75	701	6.34	22.65	4.50	19.53	709	23.3
Maharashtra	4.47	15.49	4.30	16.71	962	4.19	14.98	3.74	16.23	891	11.0
Uttar Pradesh	2.38	8.24	2.56	9.97	1079	2.37	8.47	2.45	10.63	1033	27.6
Karnataka	3.12	10.82	2.12	8.25	680	3.11	11.12	2.16	9.36	693	9.6
Gujarat	1.38	4.80	1.76	6.86	1275	0.90	3.22	1.06	4.59	1172	16.0
Andhra Pradesh	1.24	4.31	1.09	4.22	873	1.25	4.47	1.17	5.07	932	2.6
Jharkhand	0.86	2.99	0.94	3.64	1084	0.79	2.83	0.81	3.54	1030	6.0
Others	4.35	15.07	3.34	12.98	768	4.27	15.26	3.04	13.21	712	
All India	28.83	100.00	25.72	100.00	892	27.99	100.00	23.03	100.00	823	23.2

Source: Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.11 (a): Gram: All-India Area, Production and Yield alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	7.57	3.65	482	12.48
1951-52	6.83	3.39	496	15.12
1952-53	7.26	4.21	580	14.60
1953-54	7.97	4.83	606	14.02
1954-55	9.25	5.62	608	12.76
1955-56	9.78	5.42	554	12.10
1956-57	9.67	6.23	644	10.84
1957-58	9.09	4.89	538	12.46
1958-59	10.08	7.02	696	12.02
1959-60	10.33	5.62	544	12.35
1960-61	9.28	6.25	673	11.94
1961-62	9.57	5.79	605	12.22
1962-63	9.19	5.36	583	13.72
1963-64	9.35	4.50	481	13.65
1964-65	8.87	5.78	651	15.84
1965-66	8.02	4.22	527	16.35
1966-67	8.00	3.62	453	18.78
1967-68	8.26	5.97	723	15.58
1968-69	7.11	4.31	607	18.83
1969-70	7.75	5.55	715	17.32
1970-71	7.84	5.20	663	15.63
1971-72	7.91	5.08	642	14.99
1972-73	6.97	4.54	651	15.65
1973-74	7.76	4.10	528	15.78
1974-75	7.04	4.02	570	17.55
1975-76	8.32	5.88	707	16.54
1976-77	7.97	5.42	680	15.20
1977-78	7.97	5.41	678	14.71
1978-79	7.71	5.74	745	15.63
1979-80	6.99	3.36	481	18.61
1980-81	6.58	4.33	657	20.57
1981-82	7.87	4.64	590	17.87
1982-83	7.40	5.29	715	15.63
1983-84	7.16	4.75	663	14.54
1984-85	6.91	4.56	661	14.85
1985-86	7.80	5.79	742	15.63
1986-87	6.98	4.53	649	19.43
1987-88	5.77	3.63	629	19.23
1988-89	6.81	5.13	753	18.28
1989-90	6.47	4.22	652	20.97
1990-91	7.52	5.36	712	20.50
1991-92	5.58	4.12	739	24.23
1992-93	6.45	4.42	684	21.98
1993-94	6.36	4.98	783	24.03
1994-95	7.54	6.44	853	25.39
1995-96	7.12	4.98	700	26.01
1996-97	6.85	5.57	813	25.70
1997-98	7.56	6.13	811	21.98
1998-99	8.47	6.80	803	21.24
1999-00	6.15	5.12	833	27.66
2000-01	5.19	3.86	744	30.66
2001-02	6.42	5.47	853	30.71
2002-03	5.91	4.24	717	32.24
2003-04	7.05	5.72	811	30.44
2004-05	6.71	5.47	815	31.12
2005-06	6.93	5.60	808	31.42
2006-07	7.49	6.33	845	31.22
2007-08	7.54	5.75	762	34.21
2008-09	7.89	7.06	895	33.67
2009-10	8.17	7.48	915	32.40
2010-11	9.19	8.22	894	29.69
2011-12	8.30	7.70	928	33.54
2012-13	8.52	8.83	1036	36.46
2013-14	9.93	9.53	960	35.18
2014-15	8.25	7.33	889	38.60
2015-16	8.40	7.06	840	38.69
2016-17	9.63	9.38	974	38.63
2017-18	10.56	11.38	1078	48.34
2018-19	9.55	9.94	1041	49.56
2019-20	9.70	11.08	1142	
2020-21*	9.85	11.99	1217	

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

2.11 (b): Gram: Area, Production and Yield during 2019-20 and 2018-19 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./ Hectare

State	2020-21#					2019-20					Area
	Area	%	Production	%	Yield	Area	%	Production	%	Yield	Under Irrigation(%)
		to		to			to		to		2018-19*
	All - India		All - India			All - India		All - India			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Madhya Pradesh	2.10	21.35	3.13	26.09	1488	1.93	19.86	2.73	24.63	1417	79.5
Maharashtra	2.15	21.78	2.37	19.77	1105	2.04	21.07	2.24	20.21	1096	24.3
Rajasthan	2.11	21.45	2.32	19.37	1099	2.46	25.40	2.66	23.99	1079	67.7
Gujarat	0.82	8.29	1.28	10.67	1568	0.41	4.18	0.64	5.73	1568	43.8
Uttar Pradesh	0.61	6.20	0.84	7.01	1376	0.62	6.40	0.85	7.69	1371	24.6
Andhra Pradesh	0.47	4.76	0.53	4.44	1135	0.46	4.73	0.56	5.05	1218	1.9
Karnataka	0.72	7.26	0.50	4.17	700	0.86	8.91	0.68	6.10	782	14.9
Jharkhand	0.27	2.70	0.33	2.79	1257	0.23	2.37	0.28	2.49	1197	13.8
Chhattisgarh	0.30	3.06	0.27	2.23	887	0.38	3.94	0.09	0.80	231	63.9
Others	0.31	3.16	0.41	3.46	1332	0.31	3.15	0.37	3.32	1203	
All India	9.85	100.00	11.99	100.00	1217	9.70	100.00	11.08	100.00	1142	49.6

Source: Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.12(a): Tur (Arhar): All-India Area, Production and Yield alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	2.18	1.72	789	0.49
1951-52	2.45	1.83	747	0.52
1952-53	2.40	1.70	708	0.64
1953-54	2.40	1.86	775	0.61
1954-55	2.40	1.72	717	0.53
1955-56	2.29	1.86	812	0.43
1956-57	2.29	1.99	869	0.34
1957-58	2.36	1.48	627	0.51
1958-59	2.47	1.70	688	0.53
1959-60	2.43	1.70	700	0.53
1960-61	2.43	2.07	852	0.49
1961-62	2.45	1.37	559	0.49
1962-63	2.45	1.58	645	0.41
1963-64	2.52	1.38	549	0.40
1964-65	2.58	1.89	733	0.55
1965-66	2.56	1.73	678	0.39
1966-67	2.52	1.13	448	0.69
1967-68	2.67	1.74	653	0.45
1968-69	2.53	1.82	718	0.54
1969-70	2.67	1.84	690	0.34
1970-71	2.66	1.88	709	0.27
1971-72	2.35	1.68	718	0.30
1972-73	2.42	1.93	795	0.37
1973-74	2.65	1.41	532	0.38
1974-75	2.53	1.83	725	0.47
1975-76	2.67	2.10	786	0.44
1976-77	2.57	1.73	672	0.47
1977-78	2.63	1.93	735	0.49
1978-79	2.64	1.89	716	0.78
1979-80	2.73	1.76	643	1.84
1980-81	2.84	1.96	689	2.57
1981-82	3.00	2.24	745	2.07
1982-83	2.93	1.99	680	2.37
1983-84	3.22	2.58	801	3.03
1984-85	3.16	2.58	819	3.93
1985-86	3.18	2.44	767	4.25
1986-87	3.15	2.27	722	4.24
1987-88	3.33	2.28	685	4.90
1988-89	3.49	2.72	779	4.72
1989-90	3.60	2.75	763	5.06
1990-91	3.59	2.41	673	5.50
1991-92	3.63	2.13	588	5.17
1992-93	3.58	2.33	652	4.89
1993-94	3.53	2.69	762	5.07
1994-95	3.31	2.14	644	5.51
1995-96	3.45	2.31	670	5.24
1996-97	3.51	2.66	756	5.67
1997-98	3.36	1.85	551	5.56
1998-99	3.44	2.71	787	4.31
1999-00	3.43	2.69	786	4.29
2000-01	3.63	2.25	618	4.35
2001-02	3.33	2.26	679	4.86
2002-03	3.36	2.19	651	4.80
2003-04	3.52	2.36	670	4.39
2004-05	3.52	2.35	667	4.47
2005-06	3.58	2.74	765	3.95
2006-07	3.56	2.31	650	4.56
2007-08	3.73	3.08	826	4.31
2008-09	3.38	2.27	671	4.65
2009-10	3.47	2.46	711	4.53
2010-11	4.37	2.86	654	4.02
2011-12	4.01	2.65	661	3.79
2012-13	3.89	3.02	776	3.93
2013-14	3.90	3.17	813	4.27
2014-15	3.85	2.81	729	4.01
2015-16	3.96	2.56	646	3.84
2016-17	5.34	4.87	913	4.37
2017-18	4.44	4.29	967	3.93
2018-19	4.55	3.32	729	5.19
2019-20	4.53	3.89	859	
2020-21*	4.80	4.28	892	

Source: Directorate of Economics & Statistics, DA&FW

* 4th Advance Estimates.

2.12 (b): Tur (Arhar): Area, Production and Yield during 2019-20 and 2020-21 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./ Hectare

2020-21#						2019-20					Area
State	Area	%	Production	%	Yield	Area	%	Production	%	Yield	Under Irrigation(%)
		to		to			to		to		2018-19*
	All - India		All - India			All - India		All - India			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Maharashtra	1.24	25.74	1.28	29.87	1035	1.20	26.38	1.08	27.86	907	1.6
Karnataka	1.63	33.96	1.24	28.90	759	1.55	34.09	1.13	28.94	729	8.2
Telangana	0.43	8.91	0.33	7.77	778	0.30	6.51	0.27	6.84	903	2.5
Uttar Pradesh	0.30	6.16	0.29	6.83	988	0.29	6.29	0.28	7.18	980	13.5
Jharkhand	0.25	5.21	0.28	6.64	1138	0.23	5.09	0.24	6.21	1048	0.2
Madhya Pradesh	0.23	4.71	0.26	5.98	1134	0.25	5.49	0.27	7.06	1103	2.0
Gujarat	0.23	4.78	0.25	5.91	1104	0.21	4.69	0.21	5.42	991	7.5
Odisha	0.13	2.70	0.12	2.89	953	0.13	2.84	0.14	3.72	1124	
Others	0.38	7.85	0.22	5.20	591	0.39	8.63	0.26	6.78	675	
All-India	4.80	100.00	4.28	100.00	892	4.53	100.00	3.89	100.00	859	5.2

Source: Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.13(a): Lentil (Masur): All-India Area, Production and Yield

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1970-71	0.75	0.37	497
1971-72	0.63	0.30	481
1972-73	0.83	0.37	447
1973-74	0.93	0.41	440
1974-75	0.95	0.46	480
1975-76	0.94	0.46	492
1976-77	0.85	0.39	461
1977-78	0.88	0.38	436
1978-79	1.01	0.45	443
1979-80	0.85	0.32	377
1980-81	0.93	0.47	498
1981-82	0.95	0.50	525
1982-83	1.00	0.49	491
1983-84	0.94	0.53	566
1984-85	0.98	0.55	557
1985-86	1.09	0.66	607
1986-87	1.09	0.66	607
1987-88	1.04	0.66	635
1988-89	1.08	0.73	679
1989-90	1.11	0.71	635
1990-91	1.19	0.85	717
1991-92	1.19	0.80	674
1992-93	1.20	0.79	657
1993-94	1.18	0.75	632
1994-95	1.16	0.78	678
1995-96	1.26	0.71	569
1996-97	1.37	0.96	702
1997-98	1.29	0.80	623
1998-99	1.39	0.94	675
1999-00	1.46	1.08	738
2000-01	1.48	0.92	619
2001-02	1.47	0.97	664
2002-03	1.38	0.87	634
2003-04	1.40	1.04	743
2004-05	1.47	0.99	675
2005-06	1.51	0.95	629
2006-07	1.47	0.91	621
2007-08	1.31	0.81	622
2008-09	1.38	0.95	693
2009-10	1.48	1.03	697
2010-11	1.60	0.94	591
2011-12	1.56	1.06	678
2012-13	1.42	1.13	797
2013-14	1.34	1.02	761
2014-15	1.47	1.04	705
2015-16	1.28	0.98	765
2016-17	1.46	1.22	838
2017-18	1.55	1.62	1047
2018-19	1.36	1.23	901
2019-20	1.30	1.10	847
2020-21*	1.45	1.45	1001

Source: Directorate of Economics & Statistics, DA&FW

* 4th Advance Estimates.

2.13 (b): Lentil (Masur): Area, Production and Yield during 2019-20 and 2020-21 in major Producing States

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./ Hectare

State	2020-21#					2019-20				
	Area	%	Production	%	Yield	Area	%	Production	%	Yield
		to All - India		to All - India			to All - India		to All - India	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Madhya Pradesh	0.52	35.94	0.59	40.89	1139	0.38	29.09	0.29	26.70	777
Uttar Pradesh										
West Bengal	0.47	32.62	0.47	32.20	988	0.46	35.54	0.45	41.05	978
Bihar	0.16	10.99	0.14	9.38	855	0.17	13.21	0.14	13.04	836
Jharkhand										
Others	0.13	9.22	0.12	8.00	868	0.14	10.98	0.09	8.17	630
All-India	0.07	5.01	0.06	4.43	886	0.06	4.78	0.05	4.80	849
	0.09	6.22	0.07	5.10	820	0.08	6.39	0.07	6.25	827
	1.45	100.00	1.45	100.00	1001	1.30	100.00	1.10	100.00	847

Source: Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

2.14(a): Nine Oilseeds: All-India Area, Production and Yield

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1950-51	10.73	5.16	481
1951-52	11.69	5.03	430
1952-53	11.18	4.73	424
1953-54	10.99	5.37	488
1954-55	12.52	6.40	511
1955-56	12.09	5.73	474
1956-57	12.49	6.36	509
1957-58	12.66	6.35	502
1958-59	13.00	7.30	561
1959-60	13.95	6.56	470
1960-61	13.77	6.98	507
1961-62	14.77	7.28	493
1962-63	15.34	7.39	482
1963-64	14.82	7.13	481
1964-65	15.26	8.56	561
1965-66	15.25	6.40	419
1966-67	15.00	6.43	428
1967-68	15.67	8.30	530
1968-69	14.47	6.85	473
1969-70	14.81	7.73	522
1970-71	16.64	9.63	579
1971-72	17.27	9.08	526
1972-73	15.79	7.14	452
1973-74	16.90	9.39	555
1974-75	17.31	9.15	529
1975-76	16.92	10.61	627
1976-77	16.47	8.43	512
1977-78	17.17	9.66	563
1978-79	17.71	10.10	570
1979-80	16.94	8.74	516
1980-81	17.60	9.37	532
1981-82	18.91	12.08	639
1982-83	17.76	10.00	563
1983-84	18.69	12.69	679
1984-85	18.92	12.95	684
1985-86	19.02	10.83	570
1986-87	18.63	11.27	605
1987-88	20.13	12.65	629
1988-89	21.90	18.03	824
1989-90	22.80	16.92	742
1990-91	24.15	18.61	771
1991-92	25.89	18.60	719
1992-93	25.24	20.11	797
1993-94	26.90	21.50	799
1994-95	25.30	21.34	843
1995-96	25.96	22.11	851
1996-97	26.31	24.38	927
1997-98	26.09	21.32	817
1998-99	26.20	24.75	945
1999-00	24.26	20.71	854
2000-01	22.77	18.44	810
2001-02	22.64	20.66	913
2002-03	21.49	14.84	691
2003-04	23.66	25.19	1064
2004-05	27.52	24.35	885
2005-06	27.86	27.98	1004
2006-07	26.51	24.29	916
2007-08	26.69	29.76	1115
2008-09	27.56	27.72	1006
2009-10	25.96	24.88	958
2010-11	27.22	32.48	1193
2011-12	26.31	29.80	1133
2012-13	26.48	30.94	1168
2013-14	28.05	32.75	1168
2014-15	25.60	27.51	1075
2015-16	26.09	25.25	968
2016-17	26.18	31.28	1195
2017-18	24.51	31.46	1284
2018-19	24.79	31.52	1271
2019-20	27.14	33.22	1224
2020-21*	28.79	36.10	1254

Source: Directorate of Economics & Statistics, DA&FW

* 4th Advance Estimates.

'Note 1: Data for 1950-51 to 1969-70 relate to total of five major oilseeds viz. groundnut, 'castorseed, sesamum, rapeseed & mustard and linseed.
After 1969-70 data also ' included 'Soybean, Sunflower, Nigerseed and Safflower.

2.14 (b): Nine Oilseeds: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States alongwith coverage under Irrigation

State	2020-21#					2019-20					Area - Million Hectares
											Production - Million Tonnes
											Yield - Kg./ Hectare
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	Area Under Irrigation(%) 2018-19*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rajasthan	5.19	18.04	7.94	22.00	1529	5.42	19.98	6.77	20.38	1248	70.0
Maharashtra	4.81	16.70	6.69	18.52	1391	4.53	16.68	5.18	15.58	1144	1.8
Madhya Pradesh	8.13	28.23	6.68	18.50	822	7.47	27.52	6.45	19.42	864	7.9
Gujarat	3.35	11.65	6.18	17.11	1842	2.87	10.57	6.65	20.03	2320	30.1
Haryana	0.65	2.27	1.31	3.63	2005	0.66	2.43	1.18	3.54	1783	84.8
Uttar Pradesh	1.20	4.16	1.26	3.49	1054	1.26	4.65	1.15	3.45	908	41.8
Karnataka	1.19	4.13	1.20	3.33	1012	1.01	3.74	1.04	3.13	1025	31.8
West Bengal	0.93	3.23	1.17	3.24	1260	0.96	3.53	1.02	3.06	1060	88.1
Tamil Nadu	0.48	1.65	0.99	2.73	2073	0.41	1.51	1.07	3.24	2626	68.1
Others	2.87	9.95	2.69	7.44	938	2.55	9.40	2.72	8.18	1065	
All India	28.79	100.00	36.10	100.00	1254	27.14	100.00	33.22	100.00	1224	31.4

Source: Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21.

Fourth Advance Estimates.

*-Provisional

2.15(a): Groundnut: All-India Area, Production and Yield alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	4.49	3.48	775	
1951-52	4.92	3.19	649	
1952-53	4.80	2.93	611	1.23
1953-54	4.25	3.45	811	1.54
1954-55	5.54	4.25	766	1.67
1955-56	5.13	3.86	752	1.70
1956-57	5.53	4.37	783	1.79
1957-58	6.42	4.71	734	2.85
1958-59	6.25	5.18	828	2.51
1959-60	6.44	4.56	708	2.47
1960-61	6.46	4.81	745	3.02
1961-62	6.89	4.99	725	3.35
1962-63	7.28	5.06	695	2.64
1963-64	6.89	5.30	769	3.03
1964-65	7.38	6.00	814	2.94
1965-66	7.70	4.26	554	3.37
1966-67	7.30	4.41	604	4.78
1967-68	7.55	5.73	759	5.36
1968-69	7.09	4.63	653	5.14
1969-70	7.13	5.13	720	5.75
1970-71	7.33	6.11	834	7.55
1971-72	7.51	6.18	823	7.28
1972-73	6.99	4.09	585	6.64
1973-74	7.02	5.93	845	9.13
1974-75	7.06	5.11	724	8.20
1975-76	7.22	6.76	935	6.87
1976-77	7.04	5.26	747	5.90
1977-78	7.03	6.09	866	8.11
1978-79	7.43	6.21	835	9.59
1979-80	7.17	5.77	805	12.05
1980-81	6.80	5.01	736	13.30
1981-82	7.43	7.22	972	14.24
1982-83	7.22	5.28	732	14.84
1983-84	7.54	7.09	940	16.04
1984-85	7.17	6.44	898	16.05
1985-86	7.12	5.12	719	14.79
1986-87	6.98	5.88	841	15.10
1987-88	6.84	5.85	855	19.01
1988-89	8.53	9.66	1132	18.59
1989-90	8.71	8.10	930	16.96
1990-91	8.31	7.51	904	18.63
1991-92	8.67	7.09	818	19.14
1992-93	8.17	8.56	1049	19.71
1993-94	8.32	7.83	941	19.39
1994-95	7.85	8.06	1027	19.82
1995-96	7.52	7.58	1007	18.11
1996-97	7.60	8.64	1138	17.53
1997-98	7.09	7.37	1040	19.45
1998-99	7.40	8.98	1214	19.92
1999-00	6.87	5.25	764	18.69
2000-01	6.56	6.41	977	16.89
2001-02	6.24	7.03	1127	17.07
2002-03	5.94	4.12	694	15.98
2003-04	5.99	8.13	1357	16.82
2004-05	6.64	6.77	1020	17.03
2005-06	6.74	7.99	1187	18.36
2006-07	5.62	4.86	866	20.87
2007-08	6.29	9.18	1459	22.24
2008-09	6.16	7.17	1163	21.24
2009-10	5.48	5.43	991	23.99
2010-11	5.86	8.26	1411	21.80
2011-12	5.26	6.96	1323	24.34
2012-13	4.72	4.70	995	25.30
2013-14	5.51	9.71	1764	25.76
2014-15	4.77	7.40	1552	26.66
2015-16	4.60	6.73	1465	28.92
2016-17	5.34	7.46	1398	27.51
2017-18	4.89	9.25	1893	31.65
2018-19	4.73	6.73	1422	30.92
2019-20	4.83	9.95	2063	
2020-21*	6.09	10.21	1676	

Source: Directorate of Economics & Statistics, DA&FW

* 4th Advance Estimates.

2.15 (b): Groundnut: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States alongwith coverage under Irrigation

State	2020-21#					2019-20					Area - Million Hectares Production - Million Tonnes Yield - Kg./ Hectare
	Area	% to	Production	% to	Yield	Area	% to	Production	% to	Yield	Area Under Irrigation(%) 2018-19*
	All - India	All - India	All - India	All - India	All - India	All - India	All - India	All - India	All - India	All - India	All - India
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Gujarat	2.16	35.50	4.13	40.42	1908	1.69	35.00	4.65	46.68	2751	12.4
Rajasthan	0.86	14.04	1.93	18.91	2256	0.74	15.32	1.62	16.27	2191	87.9
Tamil Nadu	0.41	6.71	0.94	9.25	2310	0.35	7.18	1.03	10.38	2980	40.0
Andhra Pradesh	0.87	14.28	0.78	7.62	894	0.66	13.70	0.85	8.53	1284	12.5
Karnataka	0.70	11.49	0.68	6.62	966	0.50	10.45	0.50	5.05	998	30.2
Madhya Pradesh	0.37	6.02	0.58	5.64	1569	0.22	4.58	0.35	3.52	1587	9.1
Maharashtra	0.34	5.57	0.44	4.30	1294	0.29	6.03	0.31	3.10	1063	20.8
Others	0.39	6.38	0.74	7.23	1897	0.37	7.75	0.64	6.46	1719	
All India	6.09	100.00	10.21	100.00	1676	4.83	100.00	9.95	100.00	2063	30.9

Source: Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.16(a): Rapeseed & Mustard: All-India Area, Production and Yield alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	2.07	0.76	368	
1951-52	2.40	0.94	393	
1952-53	2.11	0.86	408	0
1953-54	2.24	0.87	389	0
1954-55	2.44	1.04	425	0.09
1955-56	2.56	0.86	336	10.39
1956-57	2.54	1.04	411	13.53
1957-58	2.41	0.93	387	12.96
1958-59	2.45	1.04	426	13.02
1959-60	2.91	1.06	365	12.31
1960-61	2.88	1.35	467	12.05
1961-62	3.17	1.35	425	13.18
1962-63	3.13	1.30	417	13.33
1963-64	3.05	0.92	300	16.08
1964-65	2.91	1.47	507	15.23
1965-66	2.91	1.30	446	15.78
1966-67	3.01	1.23	408	20.28
1967-68	3.24	1.57	483	14.83
1968-69	2.87	1.35	469	18.41
1969-70	3.17	1.56	493	23.54
1970-71	3.32	1.98	594	25.16
1971-72	3.61	1.43	396	28.59
1972-73	3.32	1.81	545	26.75
1973-74	3.46	1.70	493	30.38
1974-75	3.68	2.25	612	35.37
1975-76	3.34	1.94	580	31.25
1976-77	3.13	1.55	496	34.41
1977-78	3.58	1.65	460	39.68
1978-79	3.54	1.86	525	39.69
1979-80	3.47	1.43	411	41.94
1980-81	4.11	2.30	560	43.65
1981-82	4.40	2.38	541	44.88
1982-83	3.83	2.21	577	43.90
1983-84	3.87	2.61	673	46.58
1984-85	3.99	3.07	771	53.26
1985-86	3.98	2.68	674	51.30
1986-87	3.72	2.60	700	51.77
1987-88	4.62	3.45	748	54.71
1988-89	4.83	4.38	906	59.97
1989-90	4.97	4.13	831	61.62
1990-91	5.78	5.23	904	59.82
1991-92	6.55	5.86	895	63.87
1992-93	6.19	4.80	776	60.05
1993-94	6.29	5.33	847	59.34
1994-95	6.01	5.76	958	62.77
1995-96	6.55	6.00	916	66.36
1996-97	6.55	6.66	1017	67.56
1997-98	7.04	4.70	668	58.98
1998-99	6.51	5.66	869	61.70
1999-00	6.03	5.79	961	63.30
2000-01	4.48	4.19	936	66.10
2001-02	5.07	5.08	1002	69.05
2002-03	4.54	3.88	854	70.58
2003-04	5.43	6.29	1159	71.47
2004-05	7.32	7.59	1038	71.97
2005-06	7.28	8.13	1117	73.57
2006-07	6.79	7.44	1095	75.55
2007-08	5.83	5.83	1001	76.01
2008-09	6.30	7.20	1143	74.33
2009-10	5.59	6.61	1183	71.93
2010-11	6.90	8.18	1185	69.82
2011-12	5.89	6.60	1121	73.45
2012-13	6.36	8.03	1262	76.52
2013-14	6.65	7.88	1185	76.58
2014-15	5.80	6.28	1083	76.65
2015-16	5.75	6.80	1183	80.08
2016-17	6.07	7.92	1304	79.21
2017-18	5.98	8.43	1410	80.47
2018-19	6.12	9.26	1511	83.15
2019-20	6.86	9.12	1331	
2020-21*	6.69	10.11	1511	

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

2.16 (b): Rapeseed & Mustard: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States alongwith coverage under Irrigation

State	2020-21#					2019-20					Area Under Irrigation(%) 2018-19*
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rajasthan	2.72	40.60	4.51	44.57	1659	3.08	44.87	4.20	46.06	1366	95.0
Madhya Pradesh	0.77	11.45	1.31	12.98	1713	0.68	9.85	1.04	11.38	1538	70.3
Haryana	0.63	9.42	1.28	12.64	2027	0.64	9.35	1.15	12.60	1793	84.6
Uttar Pradesh	0.70	10.48	0.99	9.79	1412	0.76	11.07	0.96	10.49	1260	83.3
West Bengal	0.59	8.86	0.72	7.12	1215	0.61	8.90	0.71	7.81	1167	93.0
Gujarat	0.21	3.18	0.42	4.16	1976	0.17	2.52	0.33	3.66	1932	95.3
Jharkhand	0.43	6.44	0.35	3.51	823	0.29	4.25	0.23	2.54	794	63.2
Assam	0.29	4.30	0.18	1.80	633	0.29	4.19	0.18	1.94	617	16.4
Others	0.35	5.28	0.35	3.44	986	0.34	4.99	0.32	3.53	940	
All India	6.69	100.00	10.11	100.00	1511	6.86	100.00	9.12	100.00	1331	83.2

Source: Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.17(a): Soybean: All-India Area, Production and Yield

Area - Million Hectares
Production - Million Tonnes Yield - Kg./ Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1970-71	0.03	0.01	426
1971-72	0.03	0.01	426
1972-73	0.03	0.03	819
1973-74	0.05	0.04	829
1974-75	0.07	0.05	768
1975-76	0.09	0.09	975
1976-77	0.13	0.12	988
1977-78	0.20	0.18	940
1978-79	0.31	0.30	975
1979-80	0.50	0.28	568
1980-81	0.61	0.44	728
1981-82	0.48	0.35	741
1982-83	0.77	0.49	637
1983-84	0.84	0.61	735
1984-85	1.24	0.95	768
1985-86	1.34	1.02	764
1986-87	1.53	0.89	584
1987-88	1.54	0.90	582
1988-89	1.73	1.55	892
1989-90	2.25	1.81	801
1990-91	2.56	2.60	1015
1991-92	3.18	2.49	782
1992-93	3.79	3.39	894
1993-94	4.37	4.75	1086
1994-95	4.32	3.93	911
1995-96	5.04	5.10	1012
1996-97	5.44	5.38	989
1997-98	5.99	6.46	1079
1998-99	6.49	7.14	1100
1999-00	6.22	7.08	1138
2000-01	6.42	5.28	823
2001-02	6.34	5.96	940
2002-03	6.11	4.65	762
2003-04	6.55	7.82	1193
2004-05	7.57	6.87	908
2005-06	7.71	8.27	1073
2006-07	8.33	8.85	1063
2007-08	8.88	10.97	1235
2008-09	9.51	9.91	1041
2009-10	9.73	9.96	1024
2010-11	9.60	12.74	1327
2011-12	10.11	12.21	1208
2012-13	10.84	14.67	1353
2013-14	11.72	11.86	1012
2014-15	10.91	10.37	951
2015-16	11.60	8.57	738
2016-17	11.18	13.16	1177
2017-18	10.33	10.93	1058
2018-19	11.13	13.27	1192
2019-20	12.19	11.23	921
2020-21*	12.81	12.90	1007

Source: Directorate of Economics & Statistics, DA&FW

* 4th Advance Estimates.

2.17(b): Soybean: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares

Production - Million Tonnes

Yield - Kg./ Hectare

State	2020-21#					2019-20					Area Under Irrigation(%) 2018-19*
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Maharashtra	4.36	34.01	6.20	48.07	1423	4.12	33.82	4.83	42.98	1170	0.4
Madhya Pradesh	6.50	50.73	4.61	35.78	710	6.19	50.80	4.89	43.53	789	0.18
Rajasthan	1.13	8.82	1.09	8.49	969	1.12	9.17	0.52	4.67	469	0.06
Karnataka	0.31	2.42	0.38	2.91	1212	0.32	2.62	0.38	3.37	1183	4.5
Telangana	0.16	1.26	0.24	1.89	1503	0.17	1.41	0.31	2.77	1808	9.8
Gujarat	0.15	1.16	0.20	1.57	1361	0.10	0.83	0.13	1.18	1318	0.0
Others	0.20	1.59	0.17	1.29	817	0.16	1.34	0.17	1.49	1021	-
All India	12.81	100.00	12.90	100.00	1007	12.19	100.00	11.23	100.00	921	0.5

Source: Directorate of Economics & Statistics, DA&FW

*Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.18(a): Sunflower: All-India Area, Production and Yield

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1970-71	0.12	0.08	653
1971-72	0.12	0.08	653
1972-73	0.12	0.08	653
1973-74	0.24	0.17	712
1974-75	0.34	0.23	671
1975-76	0.32	0.22	686
1976-77	0.26	0.14	541
1977-78	0.27	0.14	523
1978-79	0.18	0.10	543
1979-80	0.06	0.03	519
1980-81	0.12	0.07	555
1981-82	0.28	0.16	564
1982-83	0.46	0.23	497
1983-84	0.70	0.30	431
1984-85	0.84	0.44	527
1985-86	0.75	0.28	374
1986-87	1.02	0.42	411
1987-88	1.65	0.64	385
1988-89	1.10	0.37	335
1989-90	1.19	0.63	529
1990-91	1.63	0.87	535
1991-92	2.11	1.19	565
1992-93	2.09	1.18	567
1993-94	2.67	1.35	505
1994-95	2.00	1.22	610
1995-96	2.12	1.26	593
1996-97	1.93	1.25	646
1997-98	1.74	0.89	510
1998-99	1.82	0.95	521
1999-00	1.29	0.69	536
2000-01	1.07	0.65	605
2001-02	1.18	0.68	577
2002-03	1.64	0.87	531
2003-04	2.00	0.93	464
2004-05	2.16	1.19	549
2005-06	2.34	1.44	615
2006-07	2.16	1.23	567
2007-08	1.91	1.46	765
2008-09	1.81	1.16	639
2009-10	1.48	0.85	576
2010-11	0.93	0.65	699
2011-12	0.73	0.52	712
2012-13	0.83	0.54	655
2013-14	0.67	0.50	750
2014-15	0.59	0.43	736
2015-16	0.49	0.30	609
2016-17	0.38	0.25	660
2017-18	0.28	0.22	782
2018-19	0.26	0.22	826
2019-20	0.23	0.21	931
2020-21*	0.22	0.23	1023

Source: Directorate of Economics & Statistics, DA&FW

* 4th Advance Estimates.

2.18 (b): Sunflower: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./ Hectare

State	2020-21#					2019-20					Area Under Irrigation(%) 2018-19*
	Area	%	Production	%	Yield	Area	%	Production	%	Yield	
	to All - India		to All - India			to All - India		to All - India			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Karnataka	0.12	53.93	0.11	46.54	883	0.13	56.51	0.10	48.65	802	21.9
Haryana	0.01	5.29	0.02	9.92	1920	0.01	3.99	0.02	7.90	1846	100.0
Odisha	0.02	8.08	0.02	9.62	1218	0.02	7.25	0.02	9.86	1266	
Telangana	0.01	3.12	0.02	8.27	2714	0.00	1.75	0.01	4.20	2231	94.9
Maharashtra	0.02	9.60	0.01	5.35	570	0.03	12.18	0.01	5.70	436	22.8
Bihar	0.01	3.38	0.01	4.73	1433	0.01	3.54	0.01	5.40	1421	92.2
Others	0.04	16.60	0.04	15.57	960	0.03	14.78	0.04	18.28	1151	
All India	0.22	100.00	0.23	100.00	1023	0.23	100.00	0.21	100.00	931	30.9

Source: Directorate of Economics & Statistics, DA&FW

'Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.19(a): Cotton: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares	
				Production - Million Bales (170 Kg. of each) Yield - Kg./ Hectare	
				Area Under Irrigation(%)	
(1)	(2)	(3)	(4)	(5)	
1950-51	5.88	3.04	88	8.22	
1951-52	6.56	3.28	85	9.05	
1952-53	6.36	3.34	89	8.49	
1953-54	6.99	4.13	100	8.40	
1954-55	7.55	4.45	100	9.83	
1955-56	8.09	4.18	88	9.96	
1956-57	8.02	4.92	104	11.03	
1957-58	8.01	4.96	105	12.70	
1958-59	7.96	4.88	104	12.53	
1959-60	7.30	3.68	86	12.86	
1960-61	7.61	5.60	125	12.71	
1961-62	7.98	4.85	103	13.00	
1962-63	7.73	5.54	122	14.09	
1963-64	8.22	5.75	119	15.34	
1964-65	8.37	6.01	122	15.46	
1965-66	7.96	4.85	104	15.90	
1966-67	7.84	5.27	114	16.09	
1967-68	8.00	5.78	123	16.68	
1968-69	7.60	5.45	122	16.48	
1969-70	7.73	5.56	122	16.41	
1970-71	7.61	4.76	106	17.34	
1971-72	7.80	6.95	151	20.29	
1972-73	7.68	5.74	127	21.01	
1973-74	7.57	6.31	142	22.07	
1974-75	7.56	7.16	161	22.92	
1975-76	7.35	5.95	138	23.48	
1976-77	6.89	5.84	144	24.60	
1977-78	7.87	7.24	157	26.19	
1978-79	8.12	7.96	167	27.19	
1979-80	8.13	7.65	160	27.55	
1980-81	7.82	7.01	152	27.28	
1981-82	8.06	7.88	166	27.67	
1982-83	7.87	7.53	163	29.01	
1983-84	7.72	6.39	141	29.93	
1984-85	7.38	8.51	196	28.48	
1985-86	7.53	8.73	197	30.24	
1986-87	6.95	6.91	169	31.11	
1987-88	6.46	6.38	168	32.04	
1988-89	7.34	8.74	202	32.96	
1989-90	7.69	11.42	252	34.21	
1990-91	7.44	9.84	225	32.94	
1991-92	7.66	9.71	216	33.33	
1992-93	7.54	11.40	257	34.61	
1993-94	7.32	10.74	249	34.69	
1994-95	7.87	11.89	257	34.18	
1995-96	9.04	12.86	242	34.97	
1996-97	9.12	14.23	265	35.99	
1997-98	8.87	10.85	208	37.10	
1998-99	9.34	12.29	224	34.06	
1999-00	8.71	11.53	225	33.03	
2000-01	8.53	9.52	190	32.22	
2001-02	9.13	10.00	186	33.82	
2002-03	7.67	8.62	191	33.17	
2003-04	7.60	13.73	307	32.30	
2004-05	8.79	16.43	318	34.81	
2005-06	8.68	18.50	362	37.25	
2006-07	9.14	22.63	421	37.74	
2007-08	9.41	25.88	467	37.62	
2008-09	9.41	22.28	403	35.78	
2009-10	10.13	24.02	403	35.97	
2010-11	11.24	33.00	499	33.81	
2011-12	12.18	35.20	491	35.90	
2012-13	11.98	34.22	486	33.80	
2013-14	11.96	35.90	510	32.48	
2014-15	12.82	34.80	462	33.75	
2015-16	12.29	30.01	415	32.6	
2016-17	10.83	32.58	512	34.0	
2017-18	12.59	32.81	443	33.2	
2018-19	12.61	28.04	378	45.1	
2019-20	13.48	36.07	455		
2020-21*	13.01	35.38	462		

Source: Directorate of Economics & Statistics, DA&FW

* 4th Advance Estimates.

2.19(b): Cotton: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States alongwith coverage under Irrigation

State											Area - Million Hectares
											Production - Million Bales (170 kg. each)
											Yield - Kg./ Hectare
	2020-21#					2019-20					Area Under Irrigation(%) 2018-19*
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Maharashtra	4.29	32.95	9.59	27.10	380	4.49	33.32	6.64	18.41	251	2.7
Gujarat	2.27	17.46	7.27	20.55	544	2.66	19.70	8.62	23.89	552	58.7
Telangana	2.36	18.14	5.99	16.94	432	2.13	15.78	6.83	18.95	546	14.6
Rajasthan	0.81	6.21	3.21	9.06	675	0.76	5.64	2.79	7.73	624	96.9
Karnataka	0.82	6.30	2.32	6.56	481	0.82	6.06	2.33	6.46	485	27.6
Haryana	0.74	5.69	1.82	5.15	419	0.72	5.36	2.48	6.89	584	99.6
Madhya Pradesh	0.57	4.40	1.78	5.04	530	0.65	4.82	1.65	4.56	430	71.9
Andhra Pradesh	0.61	4.66	1.60	4.53	450	0.66	4.87	2.51	6.95	649	17.2
Others	0.55	4.20	1.79	5.07	559	0.60	4.43	2.22	6.16	632	
All India	13.01	100.00	35.38	100.00	462	13.48	100.00	36.07	100.00	455	45.1

Source: Directorate of Economics & Statistics, DA&FW

'Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.20 (a): Jute and Mesta: All-India Area, Production and Yield

Area - Million Hectares
Production - Million Bales (180 kg. each)
Yield - Kg./Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1950-51	0.57	3.31	1043
1951-52	0.79	4.72	1074
1952-53	0.93	5.32	1028
1953-54	0.68	3.77	992
1954-55	0.68	3.86	1021
1955-56	0.94	5.39	1038
1956-57	1.07	5.81	977
1957-58	1.02	5.33	944
1958-59	1.10	6.91	1130
1959-60	0.98	5.69	1049
1960-61	0.90	5.26	1049
1961-62	1.34	8.24	1104
1962-63	1.24	7.19	1041
1963-64	1.27	7.98	1130
1964-65	1.21	7.66	1136
1965-66	1.11	5.78	936
1966-67	1.12	6.58	1058
1967-68	1.20	7.59	1137
1968-69	0.81	3.84	855
1969-70	1.09	6.79	1120
1970-71	1.08	6.19	1032
1971-72	1.11	6.84	1107
1972-73	0.99	6.09	1104
1973-74	1.16	7.68	1188
1974-75	0.98	5.83	1068
1975-76	0.91	5.91	1164
1976-77	1.09	7.10	1173
1977-78	1.16	7.15	1108
1978-79	1.27	8.33	1186
1979-80	1.22	7.96	1177
1980-81	1.30	8.16	1130
1981-82	1.15	8.37	1311
1982-83	1.02	7.17	1265
1983-84	1.05	7.72	1320
1984-85	1.13	7.79	1242
1985-86	1.50	12.65	1524
1986-87	1.07	8.62	1454
1987-88	0.96	6.78	1274
1988-89	0.92	7.86	1540
1989-90	0.91	8.29	1646
1990-91	1.02	9.23	1634
1991-92	1.11	10.29	1662
1992-93	0.93	8.59	1658
1993-94	0.89	8.43	1713
1994-95	0.93	9.08	1760
1995-96	0.93	8.81	1712
1996-97	1.10	11.13	1819
1997-98	1.11	11.02	1792
1998-99	1.03	9.81	1722
1999-00	1.04	10.55	1834
2000-01	1.02	10.56	1868
2001-02	1.05	11.68	2007
2002-03	1.04	11.28	1960
2003-04	1.00	11.17	2008
2004-05	0.92	10.27	2019
2005-06	0.90	10.84	2173
2006-07	0.94	11.27	2170
2007-08	0.96	11.21	2101
2008-09	0.90	10.37	2071
2009-10	0.91	11.82	2349
2010-11	0.87	10.62	2197
2011-12	0.90	11.40	2280
2012-13	0.86	10.93	2281
2013-14	0.84	11.68	2512
2014-15	0.81	11.13	2473
2015-16	0.78	10.52	2421
2016-17	0.76	10.96	2585
2017-18	0.74	10.03	2435
2018-19	0.70	9.82	2508
2019-20	0.67	9.88	2641
2020-21*	0.66	9.56	2595

Source: Directorate of Economics & Statistics, DA&FW

* 4th Advance Estimates.

2.20 (b): Jute & Mesta: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States

Area - Million Hectares
Production - Million Bales (180
kg. each) Yield - Kg./ Hectare

State	2020-21#					2019-20				
	Area	%	Production	%	Yield	Area	%	Production	%	Yield
	to		to			to		to		
	All - India		All - India			All - India		All - India		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
West Bengal	0.52	78.24	7.61	79.68	2643	0.52	76.89	8.07	81.68	2805
Bihar	0.06	8.35	0.98	10.20	3172	0.06	9.22	0.80	8.12	2325
Assam	0.07	10.26	0.80	8.33	2108	0.07	10.02	0.81	8.22	2165
Others	0.02	3.16	0.17	1.79	1470	0.03	3.87	0.20	1.98	1351
All India	0.66	100.00	9.56	100.00	2595	0.67	100.00	9.88	100.00	2641

Source: Directorate of Economics & Statistics, DA&FW

'Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

2.21(a): Sugarcane: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes Yield - Kg./Hectare
(1)	(2)	(3)	(4)	Area Under Irrigation(%)
1950-51	1.71	57.05	33422	67.33
1951-52	1.94	61.63	31786	68.77
1952-53	1.73	51.00	29495	66.29
1953-54	1.41	44.41	31497	67.66
1954-55	1.62	58.74	36303	68.79
1955-56	1.85	60.54	32779	67.19
1956-57	2.05	69.05	33683	64.93
1957-58	2.07	71.16	34325	65.19
1958-59	1.95	73.36	37658	67.40
1959-60	2.14	77.82	36414	67.88
1960-61	2.42	110.00	45549	69.26
1961-62	2.46	103.97	42349	68.04
1962-63	2.24	91.91	40996	67.75
1963-64	2.25	104.23	46353	69.64
1964-65	2.60	121.91	46838	71.52
1965-66	2.84	123.99	43717	71.14
1966-67	2.30	92.83	40336	70.98
1967-68	2.05	95.50	40665	74.08
1968-69	2.53	124.68	49236	76.95
1969-70	2.75	135.02	49121	75.48
1970-71	2.62	126.37	48322	72.38
1971-72	2.39	113.57	47511	71.80
1972-73	2.45	124.87	50933	75.01
1973-74	2.75	140.81	51163	76.46
1974-75	2.89	144.29	49855	77.87
1975-76	2.76	140.60	50903	77.98
1976-77	2.87	153.01	53383	77.19
1977-78	3.15	176.97	56160	78.13
1978-79	3.09	151.66	49114	77.77
1979-80	2.61	128.83	49358	77.20
1980-81	2.67	154.25	57844	81.26
1981-82	3.19	186.36	58359	82.34
1982-83	3.36	189.51	56441	80.54
1983-84	3.11	174.08	55978	80.33
1984-85	2.95	170.32	57673	83.59
1985-86	2.85	170.65	59889	84.51
1986-87	3.08	186.09	60444	85.38
1987-88	3.28	196.74	60006	85.62
1988-89	3.33	203.04	60992	86.18
1989-90	3.44	225.57	65612	86.93
1990-91	3.69	241.05	65395	86.97
1991-92	3.84	254.00	66069	88.01
1992-93	3.57	228.03	63843	88.27
1993-94	3.42	229.66	67120	88.76
1994-95	3.87	275.54	71254	85.39
1995-96	4.15	281.10	67787	87.43
1996-97	4.17	277.56	66496	90.95
1997-98	3.93	279.54	71133	91.57
1998-99	4.05	288.72	71203	91.91
1999-00	4.22	299.32	70934	92.50
2000-01	4.32	295.96	68578	92.17
2001-02	4.41	297.21	67370	92.28
2002-03	4.52	287.38	63576	92.66
2003-04	3.93	233.86	59380	92.27
2004-05	3.66	237.09	64752	92.39
2005-06	4.20	281.17	66919	93.27
2006-07	5.15	355.52	69022	93.80
2007-08	5.06	348.19	68877	93.83
2008-09	4.42	285.03	64553	93.52
2009-10	4.17	292.30	70020	93.80
2010-11	4.88	342.38	70091	92.67
2011-12	5.04	361.04	71668	94.81
2012-13	5.00	341.20	68254	95.16
2013-14	4.99	352.14	70522	95.31
2014-15	5.07	362.33	71511	95.61
2015-16	4.93	348.45	70720	95.8
2016-17	4.44	306.07	69001	95.5
2017-18	4.74	379.90	80198	96.3
2018-19	5.06	405.42	80105	96.6
2019-20	4.60	370.50	80497	
2020-21*	4.86	399.25	82205	

Source: Directorate of Economics & Statistics, DA&FW

* 4th Advance Estimates.

2.21 (b): Sugarcane: Area, Production and Yield during 2019-20 and 2020-21 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares
Production - Million
Tonnes Yield - Kg./
Hectare

State	2020-21#					2019-20					Area Under Irrigation(%) 2018-19*
	Area	%	Production	%	Yield	Area	%	Production	%	Yield	
	to			to		to			to		
	All - India			All - India		All - India			All - India		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttar Pradesh	2.18	44.89	177.67	44.50	81500	2.21	47.97	179.54	48.46	81313	96.2
Maharashtra	1.14	23.53	101.59	25.45	88900	0.82	17.87	69.31	18.71	84280	100.0
Karnataka	0.44	9.12	42.09	10.54	95000	0.43	9.32	38.18	10.31	89000	99.9
Gujarat	0.22	4.43	15.85	3.97	73687	0.16	3.50	11.57	3.12	71890	94.5
Tamil Nadu	0.12	2.57	12.80	3.21	102730	0.13	2.85	14.12	3.81	107615	100.0
Bihar	0.22	4.51	10.71	2.68	48918	0.22	4.86	13.58	3.66	60649	85.9
Haryana	0.10	2.04	8.53	2.14	86179	0.10	2.09	7.73	2.09	80274	100.0
Punjab	0.09	1.84	7.49	1.87	83820	0.09	1.98	7.30	1.97	80242	96.3
Uttarakhand	0.08	1.73	6.96	1.74	82900	0.09	2.00	6.94	1.87	75410	99.1
Madhya Pradesh	0.11	2.26	5.88	1.47	53450	0.13	2.72	7.43	2.01	59470	100.0
Andhra Pradesh	0.06	1.13	4.12	1.03	74884	0.09	1.87	6.72	1.81	78186	93.9
Others	0.09	1.96	5.56	1.39	58545	0.14	2.98	8.07	2.18	58948	
All India	4.86	100.00	399.25	100.00	82205	4.60	100.00	370.50	100.00	80497	96.6

Source: Directorate of Economics & Statistics, DA&FW

*Note: States have been arranged in descending order of percentage share of production during 2020-21. # Fourth Advance Estimates.

*-Provisional

2.22 (a): Tobacco: All-India Area, Production and Yield alongwith percentage coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares	Production - Million
				Tonnes	Yield - Kg./Hectare
(1)	(2)	(3)	(4)	Area Under Irrigation(%)	
(1)	(2)	(3)	(4)	(5)	
1950-51	0.36	0.26	731		
1951-52	0.29	0.21	723		
1952-53	0.36	0.25	675	9.71	
1953-54	0.37	0.27	737	9.73	
1954-55	0.35	0.26	737	10.84	
1955-56	0.41	0.30	739	16.87	
1956-57	0.42	0.31	728	20.38	
1957-58	0.36	0.24	669	22.50	
1958-59	0.38	0.32	836	21.00	
1959-60	0.41	0.29	716	22.44	
1960-61	0.40	0.31	766	21.95	
1961-62	0.42	0.34	811	17.94	
1962-63	0.41	0.34	842	18.23	
1963-64	0.44	0.36	817	15.42	
1964-65	0.41	0.36	876	16.95	
1965-66	0.38	0.29	778	16.94	
1966-67	0.42	0.35	834	17.06	
1967-68	0.42	0.37	871	17.39	
1968-69	0.44	0.36	821	20.44	
1969-70	0.44	0.34	770	19.55	
1970-71	0.45	0.36	810	23.67	
1971-72	0.46	0.42	914	24.50	
1972-73	0.45	0.37	837	26.28	
1973-74	0.46	0.46	1001	24.22	
1974-75	0.38	0.36	954	20.98	
1975-76	0.37	0.35	950	29.79	
1976-77	0.43	0.42	969	30.24	
1977-78	0.50	0.49	979	23.33	
1978-79	0.41	0.45	1109	30.55	
1979-80	0.43	0.44	1031	32.56	
1980-81	0.45	0.48	1065	33.70	
1981-82	0.44	0.52	1172	33.86	
1982-83	0.50	0.58	1157	29.64	
1983-84	0.44	0.49	1120	34.05	
1984-85	0.44	0.49	1113	37.74	
1985-86	0.40	0.44	1111	39.90	
1986-87	0.39	0.46	1187	40.66	
1987-88	0.32	0.37	1155	45.92	
1988-89	0.38	0.49	1307	42.38	
1989-90	0.41	0.55	1335	43.18	
1990-91	0.41	0.56	1353	43.36	
1991-92	0.43	0.58	1369	38.95	
1992-93	0.42	0.60	1425	40.44	
1993-94	0.38	0.56	1463	43.46	
1994-95	0.38	0.57	1486	45.34	
1995-96	0.39	0.54	1356	46.55	
1996-97	0.43	0.62	1444	46.80	
1997-98	0.46	0.64	1394	42.24	
1998-99	0.51	0.74	1451	44.33	
1999-00	0.43	0.52	1211	47.08	
2000-01	0.26	0.34	1318	53.16	
2001-02	0.35	0.55	1565	45.78	
2002-03	0.33	0.49	1506	46.66	
2003-04	0.37	0.55	1486	50.17	
2004-05	0.37	0.55	1498	49.02	
2005-06	0.37	0.50	1351	48.18	
2006-07	0.37	0.47	1274	47.08	
2007-08	0.35	0.44	1255	50.26	
2008-09	0.39	0.57	1456	47.08	
2009-10	0.44	0.69	1559	45.29	
2010-11	0.49	0.80	1632	46.43	
2011-12	0.47	0.75	1613	51.01	
2012-13	0.43	0.66	1542	53.76	
2013-14	0.46	0.74	1612	51.62	
2014-15	0.47	0.86	1830	58.79	
2015-16	0.45	0.80	1781	67.0	
2016-17	0.40	0.81	2016	65.1	
2017-18	0.41	0.95	2317	66.0	
2018-19	0.41	0.66	1610	67.9	
2019-20	0.40	0.80	1982		

Source: Directorate of Economics & Statistics, DA&FW

2.22(b): Tobacco: Area, Production and Yield during 2018-19 and 2019-20 in major Producing States

Area - '000 Hectares
Production - '000 Tonnes
Yield - Kg./ Hectare

State	2019-20					2018-19					
	Area	%	Production	%	Yield	Area	%	Production	%	Yield	Area
	to		to			to		to			Under Irrigation(%)
	All - India		All - India			All - India		All - India			2018-19*
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Gujarat	162.26	40.13	382.65	47.75	2358	177.41	43.41	331.56	50.38	1869	100.0
Andhra Pradesh	85.00	21.02	185.00	23.08	2176	88.00	21.53	140.00	21.27	1591	37.9
Uttar Pradesh	35.00	8.66	98.00	12.23	2800	26.00	6.36	56.00	8.51	2154	99.8
Karnataka	90.00	22.26	83.00	10.36	922	83.70	20.48	71.57	10.88	855	16.7
West Bengal	15.15	3.75	20.46	2.55	1350	14.69	3.59	21.87	3.32	1488	95.1
Bihar	10.27	2.54	18.03	2.25	1756	10.81	2.64	18.93	2.88	1751	96.9
Others	6.61	1.63	14.28	1.78	2161	8.09	1.98	18.15	2.76	2244	
All India	404.29	100.00	801.42	100.00	1982	408.70	100.00	658.07	100.00	1610	67.9

Source: Directorate of Economics & Statistics, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2019-20.

*-Provisional

2.23: All-India Area, Production and Yield of Guarseed and Sunhemp

Area - '000 Hectares Yield -
Kg/Hectare

Year	Area	Production*	Yield
(1)	(2)	(3)	(4)
Guarseed			
1997-98	2301.2	962.7	418
1998-99	1922.1	488.5	254
1999-00	2933.9	375.1	128
2000-01	3497.4	658.8	188
2001-02	2903.1	1089.9	375
2002-03	975.1	199.2	204
2003-04	2854.0	1513.4	530
2004-05	2867.4	903.3	315
2005-06	2955.5	1059.0	358
2006-07	3343.7	1169.3	350
2007-08	3472.6	1788.5	515
2008-09	3862.5	1935.8	501
2009-10	2995.2	594.7	199
2010-11	3382.2	1965.3	581
2011-12	3444.2	2217.6	644
2012-13	5151.3	2457.6	477
2013-14	5958.7	3585.3	602
2014-15	5344.8	3275.9	613
2015-16	5603.4	2824.4	504
2016-17	4103.3	1849.5	451
2017-18	3936.5	1624.3	413
2018-19	3469.1	1312.1	378
2019-20	3140.2	1519.3	484
Sunn hemp			
1997-98	54.6	64.5	213
1998-99	47.5	58.9	223
1999-00	49.8	62.1	224
2000-01	56.3	66.5	213
2001-02	50.6	64.7	230
2002-03	45.4	50.9	202
2003-04	37.0	53.3	260
2004-05	35.5	56.7	298
2005-06	33.4	57.4	310
2006-07	32.9	60.9	334
2007-08	32.1	58.0	326
2008-09	27.0	54.7	364
2009-10	24.6	73.7	540
2010-11	28.2	101.8	650
2011-12	21.2	77.6	660
2012-13	17.5	59.1	608
2013-14	12.9	52.1	730
2014-15	11.6	46.8	730
2015-16	11.0	41.6	681
2016-17	10.8	45.4	758
2017-18	10.4	47.0	817
2018-19	10.3	41.5	728
2019-20	9.3	37.2	722

Source: Directorate of Economics & Statistics, DA&FW

* Production of Guarseed in '000 Tonnes and for Sunhemp in '000 Bales of 180 Kgs each

2.24: Production of Oilseeds & Oils and Net Availability of Edible Oils Oilseeds / Oils

(Quantity in Lakh Tonnes)

	2005-06		2006-07		2007-08		2008-09		2009-10		2010-11		2011-12	
	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
A. Primary Source														
Groundnut	79.93	18.38	48.64	11.19	91.82	21.12	71.68	16.48	54.29	12.49	82.65	19.01	69.64	16.02
Rapeseed & Mustard	81.31	25.21	74.38	23.05	58.34	18.08	72.01	22.32	66.08	20.48	81.79	25.35	66.04	20.47
Soybean	82.74	13.24	88.51	14.16	109.68	17.55	99.05	15.85	99.65	15.94	127.36	20.38	122.14	19.54
Sunflower	14.39	4.75	12.28	4.05	14.63	4.83	11.58	3.82	8.51	2.81	6.51	2.15	5.16	1.70
Sesamum	6.41	1.99	6.18	1.92	7.57	2.35	6.40	1.98	5.88	1.82	8.93	2.77	8.10	2.51
Nigerseed	1.08	0.32	1.21	0.36	1.1	0.33	1.17	0.35	1.00	0.30	1.08	0.32	0.98	0.29
Safflower	2.29	0.69	2.40	0.72	2.25	0.68	1.89	0.57	1.79	0.54	1.50	0.45	1.45	0.44
Castor	9.91	3.96	7.62	3.05	10.53	4.21	11.71	4.68	10.09	4.04	13.50	5.40	22.95	9.18
Linseed	1.73	0.52	1.68	0.50	1.63	0.49	1.69	0.51	1.54	0.46	1.47	0.44	1.52	0.46
Sub Total	279.79	69.06	242.89	59.00	297.55	69.64	277.18	66.56	248.83	58.88	324.79	76.27	297.98	70.61
B. Secondary Source														
Coconut		4.20		4.50		4.50		4.50		4.50		4.00	-	4.00
Palm Oil		-		-		-		-		-		-		-
Cottonseed		5.70		6.30				7.60		8.00		10.89	-	11.62
Ricebran		6.80		7.00		7.20		7.70		7.20		7.20	-	7.50
Solvent Extracted Oils		4.30		3.50		4.00		4.00		4.20		4.20	-	4.10
Tree & Forest Origin		1.30		1.20		1.20		1.20		1.20		1.20	-	1.20
Sub Total		22.30		22.50		24.90		25.20		25.10		27.49	-	28.42
Total(A+B)		91.36		81.50		94.54		91.56		83.98		103.760	-	99.03
C. Less: Exports & Industrial Use		8.20		7.80		8.00		7.00		4.52		5.94	-	9.46
D. Net Domestic Availability of Edible Oils		83.16		73.70		86.54		84.56		79.46		97.82	-	89.57
E.Import of Edible Oils \$		42.88		47.15		56.08		81.83		88.23		72.42	-	99.43
F. Total Availability/ Consumption of Edible Oils		126.04		120.85		142.62		166.39		167.69		170.24	-	189.00

2.24: Production of Oilseeds & Oils and Net Availability of Edible Oils Oilseeds / Oils- Contd.

(Quantity in Lakh Tonnes)																		
	2012-13		2013-14		2014-15		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21*	
	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils
(1)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
A. Primary Source																		
Groundnut	46.95	10.80	97.14	22.34	74.02	17.02	67.33	15.27	79.17	24.74	84.30	25.81	92.56	28.97	91.24	28.28	101.12	31.37
Rapeseed & Mustard	80.29	24.89	78.77	24.42	62.82	19.47	67.97	21.08	131.59	22.1	109.33	17.59	132.68	22.09	112.26	17.97	128.97	20.66
Soybean	146.66	23.47	118.60	18.97	103.74	16.60	85.70	13.73	74.62	17.16	92.53	20.82	67.27	15.18	99.52	22.90	102.10	23.16
Sunflower	5.44	1.80	5.04	1.66	4.34	1.43	2.96	0.98	2.51	0.8	2.22	0.70	2.16	0.73	2.13	0.72	2.30	0.76
Sesamum	6.85	2.12	7.15	2.21	8.68	2.57	8.50	2.65	7.47	2.45	7.55	2.34	6.89	2.36	6.58	2.34	8.11	2.53
Nigerseed	1.02	0.31	0.98	0.29	0.76	0.23	0.74	0.21	0.85	0.24	0.70	0.21	0.45	0.19	0.41	0.12	0.39	0.11
Safflower	1.09	0.33	1.13	0.31	0.90	0.27	0.53	0.15	0.94	0.22	0.55	0.14	0.25	0.07	0.44	0.09	0.39	0.11
Castor	19.64	7.86	17.27	6.91	18.70	7.48	17.52	6.16	13.76	4.99	15.68	5.51	11.97	4.27	18.42	6.50	16.51	5.80
Linseed	1.49	0.45	1.41	0.41	1.55	0.47	1.25	0.32	1.84	0.39	1.74	0.44	0.99	0.40	1.21	0.28	1.12	0.28
Sub Total	309.43	72.03	327.49	77.52	275.51	65.54	252.50	60.55	312.76	73.09	314.59	73.56	315.22	74.26	332.19	79.20	361.01	84.78
B. Secondary Source																		
Coconut	-	3.90	-	5.30	-	4.80	-	4.32		5.2		6.01	-	5.90	-	5.95	-	5.95
Palm Oil		-		-		1.71		1.98		2.3		2.20		2.7		2.77	-	2.77
Cottonseed	-	11.57	-	12.40	-	12.15	-	10.05		12.24		12.64	-	11.23	-	12.71	-	12.26
Ricebran	-	7.8	-	8.10	-	9.20	-	9.90		10.31		10.69	-	10.68	-	10.68	-	10.68
Solvent Extracted Oils	-	4.10	-	3.10	-	3.00	-	3.50		2.85		3.50	-	3.25	-	3.50	-	3.50
Tree & Forest Origin	-	1.20	-	1.20	-	1.60	-	1.50		1.5		1.50	-	1.50	-	1.50	-	1.50
Sub Total	-	28.57	-	30.10	-	32.46	-	31.25		34.4		36.54	-	35.26	-	37.11	-	36.66
Total(A+B)	-	100.60	-	107.62	-	98.00		91.80		107.49		110.10	-	109.52	-	116.31	-	121.44
C. Less: Exports & Industrial Use	-	8.41	-	7.10	-	5.94	-	5.50		6.5		6.30	-	6.00	-	9.76	-	9.80
D. Net Domestic Availability of Edible Oils	-	92.19	-	101.90	-	92.06	-	86.3		100.99		103.8	-	103.52	-	106.55	-	111.64
E.Import of Edible Oils \$	-	106.05	-	109.76	-	138.53	-	148.50		153.17		145.92	-	155.7	-	134.16	-	134.52
F. Total Availability/ Consumption of Edible Oils	-	198.24	-	211.66	-	230.59	-	234.80		254.16		249.72	-	259.22	-	240.71	-	246.16

Source - Directorate of Vanaspati, Vegetable Oils and Fats

*Based on 4th Advance Estimates (declared by Ministry of Agriculture on 11.08.2021)

\$ As per data from Directorate General of Commercial Intelligence & Statistics, Department of Commerce

2.25: State-wise Production of Crude Palm Oil (CPO)

(Quantity in Tonnes)

State	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21 (P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Andhra Pradesh	43593	57402	63487	97987	127570	161566	170478	193562	190999	234696	232938	208359	237900
Karnataka	1170	1118	1459	1740	1770	1736	2176	2538	2051	2224	2280	2184	2734
Tamil Nadu	366	365	486	759	1035	820	1019	1222	1115	938	1017	553	429
Gujarat												NA	0
Odisha	476	589	871	2162	443	558	557	618	NA	0	0	0	
Goa	393	279	329	394	372	371	388	581	437	379	411	309	305
Kerala	7400	6600	6900	7500	7378	6303	6515	7015	5929	5191	4609	4825	4281
Mizoram	0	0	0	0	0	0	365	496	603	648	625	535	
Telangana	4770	5100	5655	8494	6825	9373	10012	12499	8947	27275	37205	38050	26690
Total	58167	71453	79187	119036	145393	180727	191510	218531	210081	271351	279085	254815	272339

Source : Department of Agriculture & Farmers Welfare

P: Provisional

NA- Not Available

2.26: State-wise Production of Oil Palm Fresh Fruit Bunches

(Production in Metric Tonnes)													
State	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21 (P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Andhra Pradesh	259495	347892	385009	573024	790881	933981	1007553	1147780	1137398	1427828	1379215	1277760	1471521
Karnataka	6685	6387	8337	9942	10112	9917	12638	14740	11912	12917	13238	12685	15877
Tamil Nadu	1987	2080	2920	4743	5244	5495	6568	7810	7422	6995	7014	3798	3038
Gujarat	2	6	26	91	134	158	409	523	775	996	1053	745	7425
Odisha	2799	3464	5128	12720	2920	3639	3769	4569	4965	6702	6899	7106	0
Goa	2236	1591	1878	2229	2056	2046	2146	3217	2430	2108	2281	1716	1717
Assam							0	0	0	0	0	0	2200
Kerala	38400	35100	41000	43200	41350	38350	40798	40611	34198	30220	30269	27201	27627
Mizoram	2	32	88	480	1339	1544	2096	3780	4796	5238	5298	4600	10563
Nagaland													280
Telangana	28190	29937	32176	46779	38624	52752	57873	75447	88119	147516	197632	208826	149488
Chhattisgarh	0	0	0	0	0	0	0	0	18	5	6	279	6
Total	339796	426488	476561	693207	892660	1047881	1133850	1298477	1292033	1640525	1642905	1544716	1689743

Source : Department of Agriculture & Farmers Welfare
P Provisional

2.27 : All-India Estimates of Yield of Major Crops

Yield (Kg/ hectare)

Crops	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Rice	Autumn	1349	2804	2892	3107	2186	1776	1938	NA	2158	1645	NA	NA	NA	NA	NA	NA
	Winter	1795	2000	1892	1968	1939	2338	2257	NA	NA	2310	NA	NA	NA	NA	NA	NA
	Kharif	2199	1963	2138	2054	2053	2050	2399	NA	2434	2335	NA	2417	2469	2553	2622	2610
	Total Kharif	1990	2024	2095	2082	2019	2121	2311	2373	2319	2295	2305	2417	2469	2553	2622	2610
	Rabi/Summer	3127	3130	3149	3010	3055	3173	3238	3353	3232	3291	3382	3230	3531	3444	3569	3530
	Total	2102	2131	2202	2178	2125	2239	2393	2461	2416	2391	2400	2494	2576	2638	2722	2713
Wheat	Rabi	2619	2708	2802	2907	2839	2989	3177	3117	3145	2750	3034	3200	3368	3533	3440	3464
Jowar	Kharif	1082	992	1176	1055	853	1119	1257	1171	1050	1014	850	954	1104	989	967	1204
	Rabi	726	727	894	904	865	827	741	644	896	808	615	730	853	744	1002	1084
	Total	880	844	1021	962	860	949	957	850	957	884	697	812	956	849	989	1128
Bajra	Kharif	802	886	1042	1015	731	1079	1171	1198	1184	1255	1132	1305	1231	1219	1374	1436
Maize	Kharif	1799	1660	2122	2048	1740	2285	2234	2246	2346	2249	2236	2413	2706	2648	2572	2745
	Rabi/Summer	3076	3793	3854	4387	3694	4003	3765	4152	4050	4414	4006	3897	4436	4893	4631	4908
	Total	1938	1912	2335	2414	2024	2540	2478	2566	2676	2632	2563	2689	3065	3070	3006	3195
Ragi	Kharif	1534	1226	1552	1477	1489	1705	1641	1392	1661	1706	1601	1363	1662	1390	1747	1711
Small Millets	Kharif	443	475	530	491	460	553	565	578	630	654	602	714	804	734	809	844
Barley	Rabi	1938	2055	1985	2394	2172	2357	2516	2521	2718	2280	2439	2663	2695	2837	2920	2805
Nutri Cereals	Kharif	1178	1144	1410	1371	1119	1500	1563	1583	1619	1633	1544	1708	1818	1790	1836	1974
	Rabi	1152	1316	1510	1735	1525	1641	1689	1725	2034	1915	1686	1885	2323	2532	2491	2741
	Total	1172	1182	1431	1459	1212	1531	1590	1617	1717	1703	1579	1750	1934	1944	1991	2146
Cereals Kharif		1693	1706	1846	1841	1693	1893	2056	2116	2089	2081	2065	2188	2259	2320	2370	2409
	Rabi Total	2427	2526	2645	2721	2649	2800	2969	2931	2995	2681	2862	3010	3239	3403	3325	3380
		1968	2020	2151	2183	2075	2256	2415	2449	2462	2331	2393	2525	2657	2752	2772	2815
Tur (Arhar)	Kharif	765	650	826	671	711	655	662	776	813	729	646	913	967	729	859	892
Gram	Rabi	808	845	762	895	915	895	928	1036	960	889	840	974	1078	1041	1142	1217
Urad	Kharif	386	412	475	419	363	557	523	606	490	516	459	626	632	500	359	490
	Rabi	540	640	405	506	586	489	621	682	768	891	773	656	798	796	904	790
	Total	419	470	457	440	418	542	549	623	555	604	537	632	662	546	459	557
Moong Kharif		277	328	410	348	180	538	475	400	409	428	363	488	440	466	519	522
	Rabi	414	434	400	423	409	404	508	538	620	640	554	546	600	726	642	831
	Total	304	349	409	364	226	513	483	438	474	498	416	500	477	516	547	599
Lentil	Rabi	628	621	622	693	697	591	678	797	759	705	765	838	1047	901	847	1001
	Other Kharif Pulses Kharif	237	309	405	367	200	511	420	377	409	474	385	409	441	365	491	484
Other Rabi Pulses	Rabi	687	654	674	737	753	708	765	840	816	833	766	867	957	897	954	1025
Pulses	Kharif	456	449	557	478	397	578	541	594	580	573	489	667	668	546	585	640
	Rabi	727	751	688	804	823	790	831	934	891	843	796	898	1015	976	1045	1116
	Total	598	612	625	659	630	691	699	789	764	728	656	786	853	757	823	892
Foodgrains	Kharif	1511	1522	1645	1654	1496	1669	1821	1892	1864	1862	1808	1890	1951	1957	2029	2076
	Rabi	2020	2091	2174	2263	2202	2278	2430	2431	2435	2232	2341	2441	2603	2740	2738	2777
	Total	1715	1756	1860	1909	1798	1930	2078	2129	2120	2028	2041	2129	2235	2286	2343	2386

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.28 : Kharif Foodgrains: State-wise yield

Yield (Kg/hectare)

State/UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	2167	2073	2630	2466	1978	2143	2449	2569	2299	2352	2387	2558	2785	2758	2812	2468
Arunachal Pradesh	1201	1204	1234	1249	1568	1674	1780	1803	1818	1915	1476	1706	1588	1620	1639	NA
Assam	1409	1210	1283	1514	1647	1783	1673	1875	1885	1936	1924	1759	2023	2026	2108	2120
Bihar	1096	1469	1197	1574	1145	1118	2152	2263	1758	1966	2111	2444	2428	1936	2159	2236
Chhattisgarh	1212	1236	1335	1100	1048	1539	1481	1633	1662	1562	1431	1994	1278	1724	1789	1842
Goa	2793	2440	2254	2454	2131	2452	2564	2583	2814	2902	2818	2781	2607	2707	2481	NA
Gujarat	1238	1037	1380	1311	1204	1374	1403	1631	1547	1715	1668	1680	1772	1858	1757	1828
Haryana	2214	2466	2629	2283	2428	2323	2609	2801	2837	2714	2697	2783	2725	2807	2948	2948
Himachal Pradesh	1652	2044	2448	2008	1650	2037	2160	2002	2017	1842	2274	2418	2256	2254	2333	2472
Jammu & Kashmir	1656	1691	1710	1935	1611	1713	1706	2161	1877	1436	1894	1816	1763	2125	2021	NA
Jharkhand	1077	1595	1772	1785	1344	1250	1881	1941	1969	1957	1592	1943	2069	1678	1919	1786
Karnataka	1934	1470	1670	1682	1526	1940	1882	1732	1814	1933	1735	1534	1817	1662	1765	1878
Kerala	2214	2329	2227	2348	2456	2329	2588	2475	2498	2712	2681	2447	2663	2818	2939	3106
Madhya Pradesh	963	792	903	931	902	957	1115	1279	1264	1413	1537	1629	1667	1564	1746	1688
Maharashtra	1077	1093	1272	1084	1085	1329	1374	1281	1412	1104	920	1449	1337	1184	1121	1549
Manipur	2241	2241	2348	2285	1832	2371	2541	2263	2094	2323	2565	3676	3330	2289	3341	NA
Meghalaya	1405	1632	1556	1599	1623	1616	1688	1745	2195	2361	2385	1726	2398	1722	2395	NA
Mizoram	1745	767	263	887	1014	1223	1351	1779	1503	1609	1650	1626	1634	1696	1689	NA
Nagaland	1614	1503	1589	1846	1264	1965	1974	2029	2083	2130	1628	1653	1664	1692	1687	NA
Odisha	1346	1352	1486	1342	1385	1410	1258	1575	1582	1730	1290	1873	1525	1755	1885	1923
Punjab	3765	3792	3952	3961	3960	3804	3735	3970	3939	3822	3952	3977	4333	4106	3989	4331
Rajasthan	505	637	820	804	376	864	844	890	789	1000	751	842	829	844	865	979
Sikkim	1403	1403	1451	1397	1588	1523	1516	1547	1585	1586	1512	1623	1672	1680	1675	NA
Tamil Nadu	2025	2805	2347	2344	2671	2598	3440	2336	2765	2920	3415	1715	3397	3331	3465	3409
Telanganana	-	-	-	-	-	-	-	-	-	2419	2197	2243	2449	2807	3283	2436
Tripura	2169	2433	2549	2684	2639	2545	2542	2664	2637	2753	2701	2649	2617	2587	2723	NA
Uttar Pradesh	1697	1628	1784	1904	1761	1827	2057	2142	2130	1855	1873	2015	2048	2353	2361	2424
Uttarakhand	1551	1606	1633	1580	1577	1535	1670	1693	1725	1796	1828	1853	1933	1819	2028	2153
West Bengal	2350	2356	2302	2415	2371	2457	2520	2551	2559	2495	2698	2564	2726	2777	2658	2774
A & N Islands	2879	2870	3013	2802	2947	2843	2878	2713	2033	2077	2217	2569	3128	1945	3154	NA
D & N Haveli	1545	1545	1545	1529	1018	1637	1544	1664	1607	1601	2170	2168	2008	1910	1894	NA
Delhi	2054	2492	2372	2403	2210	2365	2279	2308	3435	2995	2341	2224	2213	2210	2207	NA
Daman & Diu	2056	2056	1739	2054	1652	1609	1650	1669	1754	2621	1184	1132	1244	1281	2040	NA
Puducherry	2372	2372	2488	2308	2459	2558	2488	2794	3053	2737	2510	2913	2054	3448	3109	NA
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2005
All India	1511	1522	1645	1654	1496	1669	1821	1892	1864	1862	1808	1890	1951	1957	2029	2076

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA- Not Available

2.29 : Rabi Foodgrains: State-wise yield

State/UT	Yield (Kg/hectare)															
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	2669	2452	2590	3123	2677	3052	2622	2805	3108	2966	2744	2675	3086	2623	3244	3116
Arunachal Pradesh	1390	1402	1348	1340	1491	1653	1744	1399	1504	1626	1480	1517	1541	1231	1557	NA
Assam	1446	1594	1774	1704	1726	1684	1829	2293	2029	2333	2274	2222	2339	2272	2094	2207
Bihar	1563	1876	1966	1991	1943	1826	2035	2480	2310	1961	2318	2507	2769	2909	2444	2756
Chhattisgarh	572	661	708	702	770	786	797	857	728	1000	775	1049	867	955	405	966
Goa	1067	1383	1892	1042	1093	1063	839	2073	2462	2098	2663	2213	2184	2097	2293	NA
Gujarat	2298	2123	2660	2117	2308	2581	2542	2510	2755	2434	2552	2409	2429	2603	2653	2383
Haryana	3651	4066	3983	4209	4079	4448	4782	4263	4514	3887	4285	4455	4335	4852	4617	4773
Himachal Pradesh	1813	1373	1377	1498	929	1532	1654	1696	1907	1953	1963	2074	1837	1827	1996	1985
Jammu & Kashmir	1740	1829	1713	1671	980	1490	1656	1550	1990	970	1907	1608	1602	2279	1953	NA
Jharkhand	1016	1173	1162	1246	1258	1296	1389	1540	1543	1447	1302	1476	1506	1368	1468	1563
Karnataka	1464	980	1301	1231	1139	1236	1154	1111	1270	1278	808	897	1114	931	1397	1397
Kerala	2268	2338	2197	2754	2517	2625	3052	2769	2634	3190	2995	2808	2967	3118	3301	3475
Madhya Pradesh	1234	1398	1174	1306	1475	1271	1711	1874	1765	2095	2159	2134	2157	2263	2485	2296
Maharashtra	778	827	992	915	988	1019	853	719	991	864	628	1031	1075	914	1202	1293
Manipur	NA	3273	NA	510	510	996	1224	1822	1645	1277	1271	1323	2167	1596	1737	NA
Meghalaya	1886	1587	3463	3138	3163	3163	3228	3826	3872	3500	3512	2527	3516	2436	3507	NA
Mizoram	1939	1174	1286	1263	2038	1902	1992	1435	1551	1571	981	1695	1627	1615	1493	NA
Nagaland	1622	1414	1188	1304	1077	1528	1528	1351	1475	1512	1415	1427	1449	1437	1440	NA
Odisha	1372	4197	1467	1520	1496	1588	1661	1713	1935	1797	1613	1727	1588	1840	1768	1808
Punjab	4165	2224	4495	4452	4298	4683	4888	4661	4972	4252	4547	4676	5048	5159	4993	4830
Rajasthan	1998	1142	2013	2370	2456	2115	2390	2458	2221	2362	2633	2392	2556	2698	2475	2653
Sikkim	1142	1923	940	1119	1024	942	1042	1027	1043	1045	1065	1072	1074	1074	1131	NA
Tamil Nadu	1203	2304	1437	1817	1827	1759	2317	1499	2032	2264	2229	782	2167	2313	2176	2037
Telangana	NA	NA	NA	NA	NA	NA	NA	NA	NA	3408	2813	3219	3651	3499	3787	3897
Tripura	2272	2392	2599	2183	2344	2713	2872	2869	2827	2869	2994	2871	2868	2903	2897	NA
Uttar Pradesh	2327	1946	2534	2714	2561	2809	2827	2840	2747	2057	2451	2829	3001	3133	3141	3285
Uttarakhand	1544	2858	1969	1880	2022	2217	2291	2302	2323	1830	2188	2481	2609	2749	2700	2860
West Bengal	2593	500	2994	2665	2855	2881	2953	3126	3098	3142	3075	3131	3072	3293	3410	3581
A & N Islands	500	975	571	571	606	442	575	508	483	538	650	306	321	NA	578	NA
D & N Haveli	975	4333	975	974	953	1046	1068	1139	1130	1147	4699	1482	2292	1198	2463	NA
Delhi	4290	846	4347	4343	4362	4325	4344	4412	4408	4416	4399	4425	4306	4307	NA	NA
Daman & Diu	846	1785	846	846	846	846	NA	NA	NA	NA	NA	NA	NA	NA	1000	NA
Puducherry	1785	2091	1455	1973	1935	1920	1545	2309	2710	3445	1858	3073	3110	3089	2983	NA
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2185
All India	2020	2091	2174	2263	2202	2278	2430	2431	2435	2232	2341	2441	2603	2740	2738	2777

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA- Not Available

2.30 : Total Foodgrains: State-wise yield

State/UT	Yield (Kg/hectare)															
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	2365	2231	2613	2744	2294	2530	2519	2670	2661	2648	2571	2611	2934	2694	3022	2801
Arunachal Pradesh	1212	1216	1241	1255	1555	1673	1778	1772	1795	1889	1476	1687	1584	1600	1631	NA
Assam	1416	1286	1378	1551	1662	1763	1704	1962	1916	2021	1997	1857	2091	2078	2105	2139
Bihar	1311	1656	1546	1766	1530	1479	2098	2366	2018	1964	2208	2473	2587	2402	2302	2493
Chhattisgarh	1111	1148	1238	1041	1008	1424	1384	1506	1523	1474	1334	1846	1220	1617	1584	1723
Goa	2509	2254	2091	2231	1990	2264	2272	2361	2659	2545	2767	2551	2447	2469	2411	NA
Gujarat	1551	1423	1831	1595	1560	1843	1874	1970	2097	2016	2000	1952	2051	2134	2169	2112
Haryana	3045	3393	3420	3388	3383	3526	3879	3689	3855	3427	3648	3736	3632	3981	3891	3984
Himachal Pradesh	1731	1714	1918	1757	1297	1787	1911	1849	1962	1896	2122	2249	2053	2049	2180	2230
Jammu & Kashmir	1680	1733	1711	1851	1405	1639	1690	1962	1915	1275	1898	1749	1709	2178	2000	NA
Jharkhand	1073	1550	1709	1720	1330	1257	1798	1876	1891	1871	1546	1856	1957	1623	1817	1737
Karnataka	1776	1289	1548	1511	1377	1684	1629	1488	1620	1689	1354	1333	1542	1422	1658	1745
Kerala	2219	2331	2221	2440	2470	2399	2695	2547	2530	2823	2756	2532	2736	2890	3025	3194
Madhya Pradesh	1130	1167	1069	1168	1285	1162	1510	1676	1603	1856	1941	1947	1963	1970	2199	2074
Maharashtra	948	940	1150	1001	1039	1184	1155	1038	1207	988	781	1239	1212	1071	1163	1418
Manipur	2241	2241	2297	2236	1796	2244	2397	1926	1740	1506	1468	1726	2379	1688	2030	NA
Meghalaya	1455	1800	1774	1783	1809	1803	1873	1997	2389	2532	2555	1846	2566	1835	2562	NA
Mizoram	1754	822	285	898	1047	1246	1382	1756	1506	1607	1595	1629	1634	1691	1676	NA
Nagaland	1615	1482	1567	1811	1256	1958	1967	1967	2018	2065	1606	1629	1641	1664	1660	NA
Odisha	1349	1369	1484	1363	1262	1432	1303	1592	1625	1738	1330	1855	1533	1766	1870	1907
Punjab	3986	1359	4255	4231	4144	4280	4364	4347	4500	4054	4269	4353	4709	4658	4527	4606
Rajasthan	919	4017	1180	1263	931	1249	1348	1480	1334	1529	1390	1359	1402	1437	1469	1566
Sikkim	1354	991	1378	1351	1496	1448	1495	1538	1577	1579	1507	1616	1665	1669	1669	NA
Tamil Nadu	1847	1354	2125	2225	2477	2393	3162	2131	2554	2720	3063	1406	3028	2972	3052	2990
Telangana	NA	NA	NA	NA	NA	NA	NA	NA	NA	2723	2353	2576	2903	3035	3483	3051
Tripura	2194	2610	2563	2526	2544	2587	2620	2711	2680	2783	2775	2709	2685	2673	2770	NA
Uttar Pradesh	2057	2399	2206	2365	2236	2386	2498	2542	2484	1972	2198	2475	2594	2803	2816	2926
Uttarakhand	1548	2057	1785	1715	1780	1841	1945	1962	1995	1811	1989	2136	2236	2247	2343	2476
West Bengal	2423	1760	2525	2493	2522	2601	2645	2717	2721	2698	2819	2738	2839	2938	2904	3040
A & N Islands	2713	2511	2485	2343	2399	2282	2512	2413	1930	1783	1926	2037	2868	1945	2939	NA
D & N Haveli	1445	2746	1445	1434	1006	1533	1453	1585	1534	1531	2177	2152	2011	1853	1994	NA
Delhi	3175	1445	3340	3348	3649	3647	3567	3531	4057	3908	3650	3652	3570	3567	3570	NA
Daman & Diu	1548	3405	1417	1740	1361	1333	1650	1669	1754	2621	1184	1132	1244	1281	1634	NA
Puducherry	2180	1548	2130	2201	2297	2351	2269	2650	2953	2899	2285	2960	2348	3345	3074	NA
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2056
All India	1715	1756	1860	1909	1798	1930	2078	2129	2120	2028	2041	2129	2235	2286	2343	2386

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA- Not Available

2.31 : Rice: State wise Yield

															Yield (Kg/hectare)			
State/UT	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
Andhra Pradesh	Kharif	2525	2631	3177	2990	2742	2570	2980	2882	2552	2594	2934	3194	3346	3353	3353	2815	
	Rabi	3659	3682	3651	3700	3543	3777	3543	3806	3496	3943	4440	4440	4749	4645	4576	4442	
	Total	2939	2984	3344	3246	3062	3035	3148	3173	2921	3022	3465	3540	3788	3729	3765	3395	
Arunachal Pradesh	Kharif	1195	1195	1275	1293	1777	1925	2065	2086	2092	2241	1584	1680	1768	1802	1835	NA	
Assam	Autumn	999	887	983	1069	966	1137	1217	1296	1753	1431	NA	NA	NA	NA	NA	NA	
	Winter	1520	1302	1359	1616	1796	1910	1757	1968	1921	1975	NA	NA	NA	NA	NA	NA	
	Kharif Total	1421	1218	1293	1525	1662	1799	1688	1892	1903	1923	1915	1746	2013	2013	2089	2105	
	Summer/Rabi	1779	2019	2266	2133	2185	2082	2297	2965	2572	2940	2818	2773	2975	2858	2593	2810	
	Total	1468	1332	1428	1614	1737	1843	1780	2061	2012	2093	2062	1916	2171	2153	2176	2224	
	Autumn	940	962	635	1331	947	896	1399	1521	1142	1194	NA	NA	NA	NA	NA	NA	
Bihar	Winter	1090	1584	1332	1647	1132	1100	2322	2420	1865	2108	NA	NA	NA	NA	NA	NA	
	Kharif Total	1064	1486	1226	1596	1101	1063	2160	2268	1741	1941	2095	2462	2454	1942	2183	2279	
	Summer/Rabi	1369	1499	1561	1689	1737	2085	1912	2719	2342	2207	2472	2660	2119	2256	2133	2169	
	Total	1075	1486	1237	1599	1120	1095	2155	2282	1759	1948	2104	2467	2447	1948	2182	2276	
	Kharif	1337	1354	1446	1176	1120	1663	1597	1746	1766	1660	1517	2101	1311	1810	1848	1889	
	Autumn	2866	2406	2277	2335	1900	2358	2521	2599	2828	2919	2830	2791	NA	NA	NA	NA	
Goa	Winter	2731	2566	2430	2752	2600	2677	2688	2853	3202	2777	2687	2738	NA	NA	NA	NA	
	Total Kharif	2822	2458	2330	2466	2136	2467	2577	2679	2954	2871	2783	2774	2619	2719	2481	NA	
	Kharif	1949	1799	1895	1698	1866	1956	2024	2095	2038	2297	2148	2238	2179	2248	2144	2305	
Gujarat	Summer/Rabi	NA	NA	2970	3080	3048	908	3190	4586	3000	3129	3548	3273	2664	3131	2950	3129	
	Total	1949	1894	1942	1744	1903	1852	2141	2198	2076	2329	2205	2306	2209	2279	2193	2368	
	Kharif	3051	3238	3361	2726	3008	2789	3044	3272	3256	3113	3061	3213	3181	3121	3334	3334	
Haryana	Kharif	1412	1559	1546	1523	1381	1673	1705	1629	1625	1728	1763	1968	1603	1600	1980	2051	
Himachal Pradesh	Kharif	2150	2194	2133	2186	1914	1942	2078	3126	2250	1871	2123	2019	1876	2350	2093	NA	
Jammu & Kashmir	Autumn	628	NA	NA	NA	NA	NA	2131	2238	2238	NA	NA	NA	NA	NA	NA	NA	
	Winter	1223	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Kharif Total	1150	1832	2024	2036	1547	1541	2131	2238	2238	2238	1814	2238	2350	1895	2219	1948	
Jharkhand	Rabi	NA	NA	1000	1504	1504	NA	NA	NA	NA	NA	NA	2912	NA	NA	NA	NA	
	Total	1150	1828	2018	2031	1546	1541	2131	2238	2238	2238	1814	2241	2350	1895	2219	1948	
	Kharif	3657	2402	2545	2412	2345	2705	2717	2545	2545	2573	2704	2487	3030	2989	3030	3030	
Karnataka	Rabi	3200	2227	2100	2146	2237	2189	2186	1588	1588	2458	2850	2848	3063	3160	3193	2859	
	Summer	4574	2761	2948	2883	2945	2838	3227	3381	3433	3058	NA	NA	NA	NA	NA	NA	
	Rabi/ Summer	4423	2690	2855	2805	2875	2759	3077	3030	3077	2969	NA	NA	NA	NA	NA	NA	
	Total	3868	2470	2625	2511	2482	2719	2793	2632	2666	2670	2722	2519	3038	3012	3067	2985	
	Autumn	2162	2264	2169	2428	2486	2415	2519	2548	2625	2890	NA	NA	NA	NA	NA	NA	
	Winter	2299	2408	2371	2370	2533	2348	2675	2451	2426	2596	NA	NA	NA	NA	NA	NA	
Kerala	Kharif Total	2246	2352	2286	2395	2514	2377	2609	2492	2511	2719	2698	2451	2668	2826	2947	3112	
	Summer/Rabi	2726	2622	2407	2980	2719	2689	3155	2846	2682	3234	3094	2883	3048	3232	3416	3588	
	Total	2284	2390	2310	2519	2557	2452	2733	2577	2551	2836	2790	2550	2757	2920	3056	3223	
Madhya Pradesh	Kharif	999	824	938	927	872	1106	1340	1474	1474	1684	1752	1840	2024	1875	2363	2061	
	Kharif	1770	1669	1898	1489	1474	1766	1837	1965	1924	1880	1711	2011	1873	2218	1828	2016	
	Rabi	2098	2105	2128	2273	2250	2219	2074	1897	2289	2581	2375	2328	2376	2778	2612	2778	
	Total	1779	1680	1903	1501	1485	1776	1841	1963	1934	1899	1725	2025	1882	2236	1866	2070	
	Kharif	2322	2322	2446	2357	1889	2453	2642	2546	2201	2678	2670	3837	3561	2306	3775	NA	
	Kharif	1432	1695	1602	1651	1673	1671	1752	1807	2241	2436	2460	1649	2474	1644	2469	NA	
Manipur	Rabi	2214	4000	4147	3641	3679	3705	3762	4510	4326	4603	4608	3090	4636	3085	4629	NA	
	Total	1508	1916	1880	1886	1910	1912	1988	2125	2493	2703	2726	1826	2740	1821	2734	NA	
	Kharif	1770	510	285	882	938	1160	1392	2091	1521	1634	1659	1663	1645	1683	1700	NA	
Meghalaya	Rabi	2600	1682	1000	2000	1500	NA	3000	1933	1600	2313	2550	2213	2049	2087	2051	NA	
	Total	1778	559	288	885	939	1160	1411	2088	1522	1643	1671	1669	1650	1688	1704	NA	
	Kharif	1682	1600	1685	1994	1426	2102	2106	2204	2260	2319	1581	1624	1643	1657	1669	NA	
Nagaland	Kharif	1682	1600	1685	1994	1426	2102	2106	2204	2260	2319	1581	1624	1643	1657	1669	NA	

*4th Advance Estimates

NA-Not available

(Contd..)

State/UT	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Odisha	Autumn	872	1011	1097	1040	900	831	778	948	762	820	NA	NA	NA	NA	NA	NA
	Winter	1623	1580	1750	1541	1635	1658	1433	1849	1857	2076	NA	NA	NA	NA	NA	NA
	Kharif Total	1482	1476	1633	1455	1512	1516	1340	1715	1697	1886	1373	2075	1652	1899	2036	2075
	Summer/Rabi	2163	2293	2447	2451	2713	2959	3213	3165	3422	3342	3356	3531	3133	3376	3188	3214
	Total	1531	1534	1694	1529	1585	1616	1450	1814	1821	1992	1491	2160	1739	2004	2122	2173
Punjab	Kharif	3858	3868	4019	4022	4010	3828	3741	3998	3952	3838	3974	3998	4366	4132	4034	4366
Rajasthan	Kharif	1425	1577	2031	1807	1515	2025	1886	1771	2147	2186	2022	2289	2365	2291	2189	2739
Sikkim	Kharif	1433	1433	1636	1476	1869	1727	1730	1790	1815	1818	1230	1847	1856	1856	1858	NA
Tamil Nadu	Autumn	3655	4914	4044	3850	4406	4362	5623	3893	4448	4578	NA	NA	NA	NA	NA	NA
	Winter	2338	3144	2587	2464	2820	2792	3599	2492	2848	2931	NA	NA	NA	NA	NA	NA
	Kharif Total	2483	3339	2748	2617	2994	2965	3821	2646	3024	3113	3666	1610	3544	3478	3666	3490
	Rabi/Summer	3216	4325	3559	3389	3878	3838	4950	3426	3916	4031	4745	1967	4541	4450	4748	4458
	Total	2546	3423	2817	2683	3070	3040	3918	2712	3100	3191	3758	1642	3630	3562	3760	3574
Telangana	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	2990	2933	2992	2814	3477	3669	3022
	Rabi/Summer	NA	NA	NA	NA	NA	NA	NA	NA	NA	3414	2862	3169	3624	3413	3723	3723
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	3138	2913	3075	3192	3452	3694	3327
Tripura	Autumn	1705	1915	2172	2465	2189	2424	2432	2548	2596	2690	NA	NA	NA	NA	NA	NA
	Winter	2384	2678	2687	2788	2772	2638	2647	2773	2773	2873	NA	NA	NA	NA	NA	NA
	Kharif Total	2225	2500	2609	2747	2698	2602	2611	2736	2743	2843	2882	2841	2859	2822	2959	NA
	Rabi/Summer	2372	2392	2698	2234	2409	2817	2992	3020	2995	3087	3130	3221	3254	3287	3232	NA
	Total	2260	2472	2633	2586	2606	2655	2700	2800	2800	2903	2946	2940	2963	2944	3031	NA
Uttar Pradesh	Kharif	1996	1878	2062	2171	2083	2120	2357	2459	2446	2070	2130	2293	2280	2703	2703	2757
	Rabi/Summer	2179	2278	2526	2091	2270	2316	2458	2583	2593	2500	2720	2846	2975	2994	3114	3114
	Total	1996	1879	2063	2171	2084	2120	2358	2460	2447	2072	2133	2295	2283	2704	2705	2759
Uttarakhand	Kharif	1925	1952	1993	1907	2025	1820	2056	2152	2233	2260	2341	2329	2531	2350	2599	2762
	Zaid/Rabi	2889	2875	3308	3067	2813	3309	3357	3208	3327	3148	3845	3800	3214	3289	3565	3565
	Total	1954	1979	2052	1966	2068	1901	2121	2206	2289	2307	2420	2414	2566	2412	2665	2813
West Bengal	Autumn	2102	2026	2009	2069	2181	2138	2213	2297	2612	2278	NA	NA	NA	NA	NA	NA
	Winter	2397	2411	2350	2465	2408	2507	2565	2596	NA	2536	NA	NA	NA	NA	NA	NA
	Kharif Total	2378	2386	2327	2439	2396	2485	2547	2581	2612	2526	2735	2598	2771	2809	2688	2809
	Rabi/Summer	2928	3226	3259	2800	2991	3039	3174	3372	3366	3377	3380	3393	3400	3400	3570	3570
	Total	2509	2593	2573	2533	2547	2639	2688	2760	2788	2730	2888	2784	2926	2926	2926	2984
A & N Islands	Kharif	2896	2896	3000	2797	3059	2851	2960	2739	2029	2040	2203	2583	3154	2122	3154	NA
D & N Haveli	Kharif	1743	1743	1743	1721	1076	1930	1739	1928	1876	1867	2333	2200	2200	2106	2067	NA
Delhi	Kharif	3200	4203	4243	4243	2834	2787	2885	2936	4906	4288	2862	2890	2876	2877	2877	NA
Daman & Diu	Kharif	2056	2056	1750	2111	1650	1650	1650	1712	1805	2270	1139	1139	1222	1273	2133	NA
Puducherry	Autumn	2810	2810	2932	2733	2903	2875	3017	3270	3554	3247	NA	NA	NA	NA	NA	NA
	Winter	2195	2195	2465	2142	2272	2435	2273	2602	2867	2928	NA	NA	NA	NA	NA	NA
	Kharif Total	2387	2387	2595	2310	2458	2561	2490	2792	3056	3020	2584	2988	2064	3500	3155	NA
	Rabi/Summer	2719	2719	2696	2860	2647	2712	2886	3075	3438	3621	3057	3900	3611	3682	3555	NA
	Total	2465	2465	2618	2442	2504	2596	2538	2857	3147	3164	2698	3219	2446	3546	3254	NA
Others	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2143
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2544
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2219
All India	Autumn	1349	2804	2892	3107	2186	1776	1938	1674	1891	1645	NA	NA	NA	NA	NA	NA
	Winter	1795	2000	1892	1968	1939	2338	2257	2283	2219	2310	NA	NA	NA	NA	NA	NA
	Kharif	2199	1963	2138	2054	2053	2051	2399	2477	2434	2335	NA	NA	2469	2553	2622	2610
	Kharif Total	1990	2024	2095	2082	2019	2121	2311	2373	2319	2295	2305	2417	2469	2553	2622	2610
	Summer/Rabi	3127	3130	3149	3010	3055	3176	3238	3353	3232	3291	3382	3230	3531	3444	3569	3530
	Total	2102	2131	2202	2178	2125	2239	2393	2461	2416	2391	2400	2494	2576	2638	2722	2713

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA- Not Available

2.32 : Wheat: State-wise Yield

Yield (Kg/hectare)

State/ UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	818	900	889	1143	1000	1300	1375	1250	500	NA	NA	NA	716	NA	NA	NA
Arunachal Pradesh	1525	1575	1472	1576	1505	1595	1757	1498	1510	1974	1969	1969	1970	1970	1970	NA
Assam	1074	1117	1268	1090	1087	1179	1147	1304	1292	1216	1634	1344	1386	1398	1273	1363
Bihar	1617	1908	2058	2043	2084	1948	2206	2427	2358	1851	2244	2427	2905	2998	2595	2855
Chhatisgarh	886	1002	1059	1040	1086	1144	1227	1396	1304	1388	1270	1391	1289	1548	1050	1551
Gujarat	2700	2498	3013	2377	2679	3155	3014	2875	3255	2751	2919	2751	2898	3020	3268	3204
Haryana	3844	4232	4158	4390	4213	4624	5030	4452	4722	3981	4407	4514	4412	4925	4687	4836
Himachal Pradesh	1894	1385	1376	1520	928	1530	1671	1671	1873	1957	1958	2033	1774	1770	1970	1970
Jammu & Kashmir	1790	1893	1782	1735	1003	1535	1689	1595	2061	979	1947	1638	1628	2330	2002	NA
Jharkhand	1340	1529	1621	1541	1738	1642	1908	1944	2123	1931	1835	2011	2121	1847	2046	2247
Karnataka	858	762	946	918	887	1094	858	796	1005	1318	897	1018	1193	1090	1198	1393
Madhya Pradesh	1613	1835	1612	1723	1967	1757	2360	2478	2405	2850	2993	2976	2993	2993	2993	2758
Maharashtra	1393	1325	1659	1483	1610	1761	1558	1528	1460	1226	1077	1474	1657	1497	1697	1782
Meghalaya	1714	2000	1833	1750	1773	1791	1564	1806	1881	1909	1953	1913	1928	1931	1935	NA
Nagaland	1583	867	1067	1500	1200	1712	1711	1801	1823	1824	1831	1840	1836	1830	1831	NA
Odisha	1364	1487	1554	1396	1450	1458	1644	1894	1574	1650	1324	1333	2163	1815	1390	1604
Punjab	4179	4210	4507	4462	4307	4693	4898	4724	5017	4294	4583	4704	5077	5188	5003	4862
Rajasthan	2762	2751	2749	3175	3133	2910	3175	3028	3083	2961	3175	3175	3334	3501	3501	3676
Sikkim	1385	1385	1000	1345	1135	1023	1060	1058	1083	1077	1094	1078	1079	1079	1082	NA
Telangana	NA	NA	NA	NA	NA	NA	NA	NA	NA	1167	1696	1400	1388	1877	1842	2167
Tripura	2636	1800	1900	2000	1984	2025	2000	2000	2000	2143	2236	2300	2031	2115	2230	NA
Uttar Pradesh	2627	2721	2817	3002	2846	3113	3113	3113	3038	2277	2636	3113	3269	3432	3432	3604
Uttarakhand	1633	2049	2050	2003	2139	2316	2379	2396	2422	1881	2258	2587	2749	2910	2861	3065
West Bengal	2109	2282	2602	2490	2680	2760	2765	2786	2791	2807	2825	2682	2667	3012	2708	3001
D & N Haveli	1833	1833	1833	1833	1500	2231	1929	2000	2000	2071	2500	2300	2300	2139	2400	NA
Delhi	4339	4341	4354	4351	4352	4340	4349	4406	4418	4419	4419	4434	4311	4312	4316	NA
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2215
All India	2619	2708	2802	2907	2839	2989	3177	3117	3145	2750	3034	3200	3368	3533	3440	3464

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.33 : Bajra: State-wise Yield

State/ UT	Yield (Kg/hectare)															
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	1012	770	1243	1017	1178	1507	1349	1657	1597	1357	1806	1714	1927	1031	2328	2303
Bihar	1070	1073	1111	1200	1108	1102	1113	1142	1136	1134	1133	1135	1134	1134	1134	1134
Gujarat	1169	1088	1419	1365	1232	1250	1419	1743	1743	1677	2004	2160	2430	2280	2098	2192
Haryana	1147	1649	1843	1769	1593	1793	2040	1910	2057	1749	1762	2017	1602	2068	2068	2372
Himachal Pradesh	333	500	500	500	1083	500	542	555	545	537	560	501	734	730	1020	1430
Jammu & Kashmir	600	591	595	592	629	598	591	598	595	594	590	592	590	558	595	NA
Jharkhand	500	500	0	1000	574	704	520	474	515	500	528	667	576	578	711	643
Karnataka	977	483	824	703	502	1081	972	1036	1182	1060	875	1054	1241	957	1140	1303
Madhya Pradesh	1491	1365	1402	1373	1495	1898	1924	1568	2003	1978	2315	2431	2435	1921	2219	2256
Maharashtra	720	729	878	765	741	1085	982	637	1034	622	416	955	849	545	761	1003
Nagaland	1000	NA	NA	NA	NA	857	862	1015	1014	1014	1014	1014	1014	1014	1014	NA
Odisha	552	583	593	600	604	636	615	610	611	613	611	614	619	622	620	614
Punjab	1000	1000	1000	1000	1333	1000	1000	1000	1000	NA	NA	583	598	651	635	1000
Rajasthan	556	701	832	828	394	832	915	972	818	1093	872	1001	886	911	1093	1049
Tamil Nadu	1158	1511	1435	1483	1512	1564	2452	1326	2158	3077	2747	2059	2277	2517	2743	2974
Telangana	NA	NA	NA	NA	NA	NA	NA	NA	NA	1000	833	882	1057	497	1158	929
Uttar Pradesh	1434	1455	1520	1609	1638	1665	1839	1951	2033	1899	1821	1914	1940	2029	2115	2221
West Bengal	NA	NA	NA	0	434	375	367	429	286	313	306	293	300	402	401	425
Puducherry	2500	2500	1000	1000	1850	2324	2667	NA	NA	NA	2429	NA	2786	2545	2591	NA
Delhi	1824	1813	1875	1933	1917	1852	1868	1875	2513	2132	2511	2190	2197	2198	2197	NA
Daman & Diu	NA	NA	NA	2000	1667	1333	NA	1361	1393	3922	1369	1101	1333	1306	1150	NA
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1067
All India	802	886	1042	1015	731	1079	1171	1198	1184	1255	1132	1305	1231	1219	1374	1436

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.34: Maize: State-wise Yield

		Yield (Kg/hectare)															
State/ UT	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Andhra Pradesh	Kharif	3538	2402	4125	3147	1986	3730	2812	4145	3487	3290	3680	4176	4678	4134	4717	3807
	Rabi	5994	6195	5543	7302	6281	7615	6502	6174	6558	7926	7184	7867	7956	6992	7630	8025
	Total	4073	3396	4607	4873	3527	5317	4234	4995	4833	6396	6056	6612	6912	5875	6701	6438
Arunachal Pradesh	Kharif	1373	1363	1338	1365	1363	1397	1434	1423	1423	1533	1532	1472	1486	1530	1514	NA
	Rabi	1474	1452	1410	1400	1485	1690	1736	1496	1681	1684	1580	1620	1665	NA	1700	NA
	Total	1382	1371	1344	1371	1380	1435	1473	1436	1467	1563	1542	1500	1521	1530	1550	NA
Assam	Kharif	721	778	722	724	726	722	719	897	898	3333	3070	2911	3132	3254	3495	3304
Bihar	Autumn/Kharif	1518	1532	956	1518	1773	1806	2358	2476	2103	2476	2559	2586	2400	2078	2078	1889
	Rabi	2641	3597	2766	3394	2660	2467	2404	4309	3358	3854	4201	4309	4005	4524	3380	4081
	Summer/Garma	2385	3249	3741	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	2098	2678	2274	2676	2341	2230	2386	3611	2884	3313	3571	3732	3476	3708	2975	3427
Chhattisgarh	Kharif	1076	1225	1567	1402	1399	1807	1654	1936	2062	1886	1693	2691	2380	2503	2691	2996
Goa	Kharif	5000	5000	5000	6000	6000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gujarat	Kharif	1124	698	1375	1439	964	1636	1393	1676	1267	1558	1326	1683	1551	1770	1497	1443
	Rabi	NA	NA	NA	1700	1593	1645	1915	1953	2023	2000	1989	2023	2000	2563	2509	2265
	Total	NA	NA	NA	1481	1072	1637	1523	1727	1477	1652	1478	1780	1661	1961	1815	1659
Haryana	Kharif	2125	2286	2643	2159	2250	1900	2667	2556	3000	2250	2833	3400	3167	2644	2833	3026
Himachal Pradesh	Kharif	1839	2326	2873	2273	1839	2263	2432	2233	2228	1979	2507	2672	2532	2530	2540	2724
Jammu & Kashmir	Kharif	1413	1505	1569	2005	1566	1712	1608	1648	1776	1204	1782	1833	1805	2189	2015	NA
Jharkhand	Autumn/Kharif	1309	1203	1500	1346	1100	1181	1473	1790	2017	1768	1324	1927	2025	1740	1986	2181
	Rabi	1622	1806	1722	2123	1858	2061	1970	2689	1807	1530	1794	1796	2031	1905	2099	2305
	Total	1315	1230	1509	1407	1168	1215	1492	1812	2012	1763	1332	1923	2025	1744	1989	2186
Karnataka	Kharif	2919	2839	2893	2821	2415	3515	3022	2563	2872	3131	2734	2367	2869	2755	2906	3051
	Rabi	3000	2658	3231	2861	2500	2845	3084	3106	3099	3354	2535	3037	3710	3377	3781	3528
	Summer	2000	3125	3300	3143	2750	3323	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	2915	2829	2924	2833	2430	3450	3028	2629	2894	3152	2713	2419	2948	2805	2990	3092
Madhya Pradesh	Kharif	1450	976	1288	1361	1256	1266	1492	1790	1767	1880	2350	2585	2585	3256	2882	2428
Maharashtra	Kharif	2134	1996	2706	2405	2275	3022	2890	2296	2856	1868	1681	3246	3116	1928	1363	3246
	Rabi	1976	1924	2426	2257	2455	2456	2110	1820	2346	2558	1799	2558	2400	1833	2559	2457
	Total	2106	1983	2664	2382	2302	2920	2762	2219	2727	2045	1712	3009	2868	1906	1740	3000
Manipur	Kharif	2724	2724	2800	2674	2436	1856	1768	2301	2246	2243	2304	2194	2343	2205	2228	NA
Meghalaya	Kharif	1426	1471	1468	1503	1529	1499	1529	1554	2200	2259	2284	2291	2293	2294	2298	NA
Mizoram	Kharif	1917	1942	69	967	1337	1502	1214	1305	1424	1521	1756	1540	1605	1797	1758	NA
	Rabi	2222	2668	1000	1000	1667	1667	1238	1611	1294	1286	208	1570	1355	1558	1359	NA
	Total	1940	1963	95	969	1347	1508	1214	1314	1420	1515	1342	1542	1584	1780	1727	NA

*4th Advance Estimates.

NA: Not Available.

2.34: Maize: State-wise Yield -Contd.

State/ UT	Season	Yield (Kg/hectare)															
		2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Nagaland	Kharif	1800	1674	1788	1800	1075	1958	1960	1961	1969	1975	1979	1980	1982	1982	1984	NA
Odisha	Kharif	1587	1655	1976	1986	2155	2540	2046	2393	2766	2039	1967	2824	2503	2307	2877	2918
	Rabi	2188	2368	2241	2609	2247	2778	2496	2793	2905	2608	2618	2911	2721	2610	3333	3224
	Total	1602	1677	1987	2007	2157	2549	2063	2408	2771	2053	1996	2827	2513	2324	2904	2928
Punjab	Kharif	2723	3123	3405	3404	3417	3692	3984	3682	3900	3651	3687	3836	3708	3625	3581	3665
Rajasthan	Kharif	1098	1085	1860	1737	1044	1796	1583	1763	1597	1740	1318	1501	2033	2240	1297	2240
	Rabi	1429	1429	1667	1429	1429	NA	3434	3844	3729	NA	3705	NA	3909	-	4513	4383
	Total	1098	1086	1860	1736	1044	1796	1594	1780	1621	1740	1334	1501	2063	2240	1355	2281
Sikkim	Kharif	1491	1491	1601	1544	1671	1648	1657	1700	1724	1727	1754	1763	1767	1768	1769	NA
Tamil Nadu	Kharif	1170	3224	2952	3668	4301	3858	5682	3554	5682	5682	7103	4554	9219	7598	8115	7563
	Rabi	1215	5047	5091	5763	5431	5452	6649	2819	5002	7500	6888	1255	6692	6998	6717	5877
	Total	1189	3838	3627	4389	4685	4458	6042	3252	5372	6423	7010	3026	7986	7258	7424	6820
Telangana	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	2699	2557	2761	3450	3105	4845	4646
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	5288	4958	5465	5738	6502	6502	7747
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	3335	3056	3321	4057	3837	5347	6721
Tripura	Kharif	1000	960	1000	952	1006	1322	1353	1295	1277	1292	1385	1362	1408	1289	1422	NA
Uttar Pradesh	Kharif	1284	1326	1437	1495	1456	1468	1654	1654	1654	1778	1850	1876	2192	2067	2302	2309
	Rabi	3341	1567	1615	1621	2800	2667	1810	2105	2183	1838	1889	2038	2383	2254	2547	2569
	Total	1295	1335	1443	1499	1465	1477	1662	1677	1703	1784	1855	2064	2208	2082	2323	2331
Uttarakhand	Kharif	1333	1333	1483	1303	1357	1503	1464	1437	1419	2070	1696	1682	1970	1866	1921	2074
West Bengal	Kharif	2076	2166	2095	2658	2183	2588	2270	2384	2687	2688	2739	2692	2697	3396	3404	3132
	Rabi	3913	4265	4690	5106	5619	4904	4497	4923	4765	5056	5463	5043	5463	7362	7291	7296
	Summer	NA	NA	3583	4272	4587	4716	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	2533	2968	3166	3783	3942	3977	3722	3947	4059	4350	4654	4367	4805	4805	6647	6702
A & N Islands	Kharif	1000	2000	4500	3000	2000	2476	2125	2000	2254	3529	2933	2087	862	1510	NA	NA
Others	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1879
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2045
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1885
All India	Kharif	1799	1660	2122	2048	1740	2285	2234	2246	2346	2249	2236	2413	2706	2648	2572	2745
	Rabi	3076	3793	3854	4387	3694	4003	3765	4152	4050	4414	4006	3897	4436	4893	4631	4908
	Total	1938	1912	2335	2414	2024	2540	2478	2566	2676	2632	2563	2689	3065	3070	3006	3195

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.35 : Total Pulses: State-wise Yield

Yield (Kg/hectare)

State/UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	772	679	803	818	740	675	637	833	928	911	848	659	865	558	932	873
Arunachal Pradesh	1078	1078	1078	1059	1000	879	920	1122	1155	1263	1015	1011	1020	901	1060	NA
Assam	537	557	558	567	560	555	573	598	695	748	757	735	748	756	737	739
Bihar	749	722	818	801	836	878	975	1052	1044	859	845	936	954	946	731	856
Chhattisgarh	477	543	586	580	604	624	613	700	573	818	609	858	697	721	318	693
Goa	1045	1358	991	1030	1082	1057	836	902	1102	944	754	1004	870	1018	877	NA
Gujarat	704	593	843	777	705	812	815	867	897	972	931	868	1016	1029	1172	1275
Haryana	622	824	602	972	758	899	706	800	820	674	680	897	961	1141	924	833
Himachal Pradesh	713		1062	758	681	1213	954	1413	1763	1232	1504	2019	2019	1938	1944	1625
Jammu & Kashmir	504	505	508	464	456	584	508	530	535	381	631	547	553	535	2559	NA
Jharkhand	567	686	736	724	709	773	885	1038	1021	1004	886	1002	1055	990	1030	1084
Karnataka	487	377	531	466	451	561	492	555	641	601	403	586	645	528	693	680
Kerala	775	857	857	818	991	778	747	1029	1108	1131	1133	984	1027	927	966	959
Madhya Pradesh	754	780	609	808	871	656	803	972	861	876	903	944	1084	916	864	1084
Maharashtra	584	602	746	537	702	768	693	704	802	602	436	865	795	670	891	962
Manipur	523	523	497	504	497	897	942	936	937	959	963	973	965	950	918	NA
Meghalaya	750	744	825	867	881	881	896	1019	1126	1405	1442	1446	1439	1396	1444	NA
Mizoram	1215	1160	529	900	1667	1534	1389	1061	1468	1416	1361	1352	1544	1573	1353	NA
Nagaland	1281	1200	1189	1203	906	1085	1091	1096	1124	1146	1150	1151	1159	1230	1161	NA
Odisha	416	445	446	481	461	486	471	513	537	532	505	548	556	574	579	535
Punjab	804	850	804	908	896	910	789	823	872	846	965	887	876	938	871	998
Rajasthan	261	462	401	497	204	685	546	603	593	580	515	604	639	636	709	701
Sikkim	897	897	928	937	977	899	903	915	925	925	954	961	954	961	962	NA
Tamil Nadu	337	541	303	307	382	386	552	413	752	852	631	544	675	648	735	615
Telangana	-	-	-	-	-	-	-	-	-	644	508	771	899	861	1062	960
Tripura	629	654	691	718	713	706	697	705	719	718	673	952	710	732	760	NA
Uttar Pradesh	811	725	731	899	748	832	993	985	736	612	619	871	973	1051	1033	1079
Uttarakhand	590	642	794	609	719	851	891	841	869	821	821	869	874	922	963	995
West Bengal	785	703	793	704	826	898	706	952	843	941	967	968	969	796	801	901
A & N Islands	500	571	591	571	600	442	541	499	486	541	649	304	322	274	578	NA
D & N Haveli	862	862	862	859	828	898	939	901	898	897	1174	2035	1000	1113	986	NA
Delhi	1000	1750	1750	2333	2000	1611	1939	2097	1500	NA	3270	2120	2000	2000	2000	NA
Daman & Diu	846	846	846	846	846	846	NA	NA	NA	NA	NA	NA	NA	NA	1029	NA
Punducherry	324	324	83	200	155	499	417	512	425	630	241	377	955	536	436	NA
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1233
All India	598	612	625	659	630	691	699	789	764	728	655	786	853	757	823	892

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.36: Gram: State-wise Yield

State/ UT	Yield (Kg/hectare)															
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	1591	1085	1448	1412	1308	1233	920	1119	1439	1143	1062	960	1132	508	1218	1135
Assam	500	500	500	529	517	500	509	557	698	938	704	651	687	699	698	695
Bihar	902	818	972	925	1014	1187	1295	1402	1147	958	986	1120	1154	1199	730	1015
Chattisgarh	706	843	874	831	880	959	995	1069	771	1035	722	1171	1010	1026	231	887
Gujarat	850	870	977	1011	947	1136	1138	978	1251	1236	1330	1116	1285	1358	1568	1568
Haryana	554	843	505	1041	738	982	911	1128	904	646	619	1189	1125	1385	1072	1005
Himachal Pradesh	538	769	933	429	523	1000	971	1021	1000	927	1047	923	1042	1040	1070	1015
Jammu & Kashmir	500	NA	NA	667	500	545	583	542	NA	NA	NA	NA	217	NA	300	NA
Jharkhand	NA	NA	NA	NA	914	1052	1067	1174	1166	1160	995	1174	1228	1166	1197	1257
Karnataka	548	473	925	552	591	658	583	643	757	718	466	590	619	509	782	700
Madhya Pradesh	926	980	607	981	1071	863	1081	1219	1044	1039	1115	1100	1280	1288	1417	1488
Maharashtra	691	706	711	677	863	904	775	763	891	762	539	891	917	825	1096	1105
Meghalaya	600	600	825	600	620	500	625	611	989	1033	1059	1065	1066	1068	1072	NA
Nagaland	1000	1250	600	667	667	714	720	842	838	842	844	827	846	842	842	NA
Odisha	646	652	1500	662	748	780	765	774	768	770	769	768	778	780	779	773
Punjab	750	1000	659	1172	1133	1286	1000	1400	1211	1056	1294	1375	1181	1330	1219	1320
Rajasthan	443	863	1000	779	605	898	740	1019	853	725	892	911	1074	1152	1079	1099
Tamil Nadu	678	644	466	638	614	671	643	645	653	645	653	648	926	926	926	817
Telangana	-	-	-	-	-	-	-	-	-	1372	714	1294	1516	1569	1532	1671
Tripura	500	1000	676	667	667	667	733	774	769	750	780	780	791	665	619	NA
Uttar Pradesh	893	742	1000	1014	824	930	1185	1119	824	659	612	1114	1155	1272	1371	1376
Uttarakhand	1000	1000	745	0	1000	785	1000	830	786	821	846	1000	782	800	763	751
West Bengal	913	769	1000	1037	1108	1072	1049	1175	1175	1178	1192	1013	1150	1179	1313	1400
D & N Haveli	500	500	984	500	798	1000	1000	1000	1000	1000	1050	1050	NA	1328	NA	NA
Delhi	1000	NA	500	NA	NA	882	7000	NA	1500	NA	1317	2120	2000	2000	2000	NA
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1180
All India	808	845	762	895	915	895	928	1036	960	889	840	974	1078	1041	1142	1217

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates

NA: Not Available

2.37: Tur: State-wise Yield

State/ UT	Yield (Kg/hectare)															
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	609	401	652	456	438	415	303	524	542	503	600	380	430	182	486	357
Arunachal Pradesh	1000	1000	1000	1000	833	833	879	968	1111	1091	905	814	825	864	869	NA
Assam	692	714	667	704	709	718	714	829	932	941	880	858	833	833	864	844
Bihar	1291	989	1012	1178	1514	1404	1514	2131	1667	1438	1577	1581	1548	1852	1681	1624
Chattisgarh	445	426	522	583	510	440	433	620	614	636	458	598	601	480	628	599
Gujarat	1102	751	1109	989	906	986	1053	1184	995	1098	1125	1156	1243	1209	991	1104
Haryana	1067	1100	1138	1091	1045	1080	1111	1086	1176	1098	1000	915	1097	1211	1120	1250
Himachal Pradesh	NA	NA	NA	NA	NA	NA	417	364	NA	500	326	375	511	510	650	680
Jharkhand	633	645	800	616	871	686	904	1034	1043	1018	903	1002	1147	1014	1048	1138
Karnataka	727	470	712	528	467	594	462	555	713	651	368	749	861	639	729	759
Kerala	NA	NA	670	NA	NA	NA	1693	1588	941	1885	1289	1580	1560	1674	1668	1647
Madhya Pradesh	739	683	922	804	851	337	625	662	716	981	1079	1133	1297	846	1103	1134
Maharashtra	720	726	750	600	841	750	706	819	906	600	450	1042	909	662	907	1035
Meghalaya	750	750	1000	750	784	750	759	1152	1362	1278	1295	1299	1295	1295	1298	NA
Mizoram	1000	1000	1189	NA	NA	NA	NA	NA	NA	NA	NA	965	1031	1006	940	NA
Nagaland	950	1200	825	938	703	840	853	899	896	900	902	903	913	910	910	NA
Odisha	742	803	900	860	841	916	812	912	896	898	886	884	897	1022	1124	953
Punjab	885	931	876	966	957	929	1000	903	897	923	1000	860	1030	1047	1095	1162
Rajasthan	647	503	701	772	381	761	666	879	649	736	548	1088	1017	941	586	879
Tamil Nadu	540	732	750	608	765	662	870	785	967	1064	908	655	1093	1248	1273	1060
Telangana	-	-	-	-	-	-	-	-	-	495	419	676	798	647	903	778
Tripura	692	750	891	700	725	750	747	749	717	722	687	705	738	759	802	NA
Uttar Pradesh	987	749	667	914	662	898	1044	1045	900	606	691	1074	1175	1084	980	988
Uttarakhand	1000	500	818	667	1000	706	1000	799	810	902	770	1000	967	805	851	1185
West Bengal	889	700		833	728	1423	432	1434	1429	1434	1480	1249	1300	1543	852	1250
D & N Haveli	867	867	867	867	800	801	801	800	804	805	1200	2886	1000	1335	1000	NA
Delhi	1000	1500	1500	2000	1838	1750	1727	1724	NA	NA	3522	NA	NA	NA	NA	NA
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	962
All India	765	650	826	671	711	655	662	776	813	729	646	913	967	729	859	892

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.38: Total Oilseeds: State-wise Yield

	Yield (Kg/hectare)															
State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	698	609	1276	842	724	861	650	849	929	557	954	581	1328	589	1194	858
Arunachal Pradesh	838	838	962	963	928	921	1015	909	958	971	1040	1040	1040	1040	1041	NA
Assam	465	495	523	542	526	576	557	610	611	670	694	643	638	642	619	633
Bihar	982	1031	979	999	1042	1048	1046	1120	1189	1093	1059	1155	1208	1248	1102	1000
Chhattisgarh	419	503	532	507	607	686	550	723	640	599	501	572	461	561	720	611
Goa	2394	1769	1892	2158	2807	2862	2500	2409	2544	1899	2126	2352	2258	2345	2503	NA
Gujarat	1544	908	1618	1345	1109	1692	1608	1103	2231	1920	1627	1725	2125	1458	2320	1842
Haryana	1124	1344	1214	1723	1645	1855	1394	1712	1637	1456	1589	1832	2008	2042	1783	2005
Himachal Pradesh	344	477	442	365	271	514	579	514	490	542	520	487	590	590	619	689
Jammu & Kashmir	429	610	846	760	763	821	826	789	895	682	599	523	760	1086	859	NA
Jharkhand	311	422	553	560	563	625	680	787	663	664	681	732	713	684	784	811
Karnataka	600	478	681	556	502	782	665	647	824	698	583	623	883	824	1025	1012
Kerala	667	889	706	696	632	1032	1230	1045	980	1054	1049	125	900	697	733	560
Madhya Pradesh	1009	955	1015	1075	1129	1143	1073	1231	858	1093	841	1177	1046	1247	864	822
Maharashtra	925	963	1274	857	725	1394	1223	1337	1276	672	579	1160	1017	1096	1144	1391
Manipur	7000	7000	NA	778	778	774	788	729	840	863	847	858	870	855	846	NA
Meghalaya	684	673	670	676	701	704	766	695	1030	1071	1091	1051	1057	1059	1060	NA
Mizoram	1125	927	229	781	1106	1203	967	1078	1146	1117	1112	1140	1113	1193	1123	NA
Nagaland	926	901	896	1142	835	1040	1043	1047	1048	1048	1047	1050	1050	1050	1050	NA
Odisha	565	550	608	604	589	619	661	700	755	667	632	681	625	662	725	801
Punjab	1097	1111	1288	1276	1354	1336	1360	1350	1335	1265	1318	1386	1482	1499	1472	1544
Rajasthan	1134	1146	1051	1114	1066	1203	1243	1296	1144	1192	1182	1351	1477	1581	1248	1529
Sikkim	727	727	872	763	959	832	841	863	887	891	909	918	924	925	925	NA
Tamil Nadu	1624	1829	1739	1782	1898	2077	2479	2103	2362	2374	2290	1870	2729	2411	2626	2073
Telangana	-	-	-	-	-	-	-	-	-	1270	1102	1385	1791	1835	1886	1737
Tripura	709	705	675	714	717	732	751	506	759	793	771	814	780	817	838	NA
Uttar Pradesh	993	837	856	865	753	832	828	898	810	698	670	876	1054	1079	908	1054
Uttarakhand	857	750	967	1000	1138	1012	1082	1236	1070	938	1100	929	916	938	947	957
West Bengal	952	918	997	828	1065	1047	994	1162	1181	1161	1168	1147	1198	1255	1060	1260
D & N Havelli	1000	1000	1000	NA	680	750	704	604	667	571	NA	366	361	590	354	NA
Delhi	763	1500	871	154	1256	1300	1251	1265	NA	NA	1260	1248	1260	1262	1261	NA
Puducherry	1778	1778	1778	2000	1636	1684	1231	1840	1907	2280	2345	2511	2504	2481	1981	NA
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1047
All India	1004	916	1115	1006	958	1193	1133	1168	1168	1075	968	1195	1284	1271	1224	1254

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.39: Kharif Oilseeds: State-wise Yield

State	Yield (Kg/hectare)															
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	570	397	1204	705	425	700	440	657	774	414	813	416	1198	468	1021	697
Arunachal Pradesh	878	878	1042	1160	978	1083	1204	1186	1071	747	789	1126	1125	1121	1126	NA
Assam	533	571	522	537	533	537	539	628	712	702	644	648	637	642	652	635
Bihar	951	932	943	939	1129	1016	1063	1092	979	1070	1050	1070	1045	1060	813	566
Chhattisgarh	521	623	615	572	710	824	608	836	685	634	523	649	500	617	833	654
Goa	1333	2000	2000	1500	2000	2800	2833	2540	2436	2028	2042	2557	2325	2370	2764	NA
Gujarat	1543	779	1610	1351	1049	1699	1607	1013	2309	1962	1628	1725	2159	1425	2344	1824
Haryana	804	844	1079	762	648	691	750	1467	1570	2125	1434	1177	1017	809	998	924
Himachal Pradesh	511	489	581	610	243	536	559	559	615	615	591	494	1427	1215	1217	1201
Jammu & Kashmir	462	429	419	426	439	441	440	436	442	413	410	508	407	409	409	NA
Jharkhand	287	220	597	707	611	600	861	905	963	842	700	864	845	778	923	922
Karnataka	569	439	682	548	469	783	661	635	862	685	579	592	843	843	1012	1025
Kerala	667	889	706	696	632	1037	1250	1044	800	1041	1049	1052	900	613	627	494
Madhya Pradesh	1020	962	1037	1096	1150	1159	1080	1250	836	1115	826	1180	1026	1222	796	728
Maharashtra	981	1031	1368	878	730	1490	1266	1379	1310	670	572	1178	1024	1104	1142	1401
Manipur	6000	6000	444	1000	1000	754	866	169	850	850	838	857	907	899	869	NA
Meghalaya	731	692	704	665	763	780	1004	764	1274	1365	1402	1331	1347	1351	1354	NA
Mizoram	1222	972	206	815	1167	1268	971	1142	1154	1137	1181	1164	1139	1316	1248	NA
Nagaland	1106	1099	1041	1337	968	1156	1160	1158	1160	1159	1158	1161	1163	1163	1160	NA
Odisha	403	423	443	461	443	481	450	511	519	483	432	514	472	471	493	496
Punjab	463	504	478	482	582	785	714	691	704	656	614	810	838	801	1025	973
Rajasthan	972	1050	1224	925	798	1235	1306	1228	1019	1220	1067	1265	1335	1430	1093	1388
Sikkim	825	825	889	846	1025	881	897	935	946	948	973	975	975	976	976	NA
Tamil Nadu	1340	1251	1263	1454	1482	1643	1929	1677	1841	1921	1875	1390	2082	1839	2081	1843
Telangana	-	-	-	-	-	-	-	-	-	982	919	1124	1513	1479	1691	1349
Tripura	583	600	591	647	638	682	620	108	646	665	648	689	677	730	744	NA
Uttar Pradesh	555	349	284	321	240	380	415	392	347	393	368	360	479	432	350	532
Uttarakhand	1059	1000	1250	1333	1500	1240	1297	1663	1326	1173	1216	1000	1066	936	920	1103
West Bengal	837	922	908	661	821	914	914	955	955	946	937	929	943	959	522	974
D & N Haveli	1000	1000	1000	NA	680	750	704	604	667	571	NA	347	283	590	333	NA
Pondicherry	1778	1778	1778	2000	1636	1684	1231	1840	1907	2340	2247	2471	2467	2456	1933	NA
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1026
All India	965	836	1154	961	875	1203	1123	1135	1151	1056	885	1153	1219	1168	1154	1151

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.40: Rabi Oilseeds: State-wise Yield

State	Yield (Kg/hectare)															
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	1193	1235	1508	1286	1517	1477	1440	1536	1618	1733	1947	2361	2318	1842	2285	1812
Arunachal Pradesh	829	829	945	919	919	893	985	905	936	1014	1089	1019	1019	1019	1020	NA
Assam	458	488	523	542	525	579	559	609	606	668	697	643	639	642	617	633
Bihar	984	1037	982	1003	1037	1050	1045	1121	1194	1094	1059	1160	1213	1255	1175	1134
Chhattisgarh	284	319	350	326	371	345	407	425	508	501	428	372	353	372	378	482
Goa	2500	1727	1875	2281	3000	2875	2458	2382	2564	1874	2146	2302	2243	2320	2500	NA
Gujarat	1552	1544	1662	1314	1617	1645	1612	1764	1696	1513	1621	1731	1814	1780	2050	2046
Haryana	1128	1351	1216	1735	1655	1868	1404	1721	1639	1432	1594	1853	2017	2056	1794	2025
Himachal Pradesh	274	471	385	260	282	505	585	500	458	521	498	485	524	528	557	637
Jammu & Kashmir	405	630	893	790	788	850	854	817	933	701	613	525	793	1149	897	NA
Jharkhand	333	461	539	517	553	635	653	766	622	636	678	712	692	665	768	803
Karnataka	655	543	677	571	565	778	676	665	748	728	590	731	1003	756	1095	970
Kerala							909	1111	1209	2000	NA	NA	NA	1227	1255	1233
Madhya Pradesh	955	912	833	936	990	1031	1024	1092	1031	936	977	1159	1171	1436	1490	1658
Maharashtra	677	662	739	691	683	705	720	634	758	706	736	862	812	677	1226	1160
Manipur	NA	NA	NA	500	500	779	764	850	837	867	849	858	865	849	840	NA
Meghalaya	667	667	658	678	678	677	678	669	934	952	964	931	932	933	933	NA
Mizoram	833	600	1000	600	750	750	944	690	1100	1000	934	1003	1002	777	714	NA
Nagaland	756	729	760	959	784	942	946	953	954	954	954	955	954	953	953	NA
Odisha	925	838	915	873	874	901	1006	950	1071	956	925	984	922	1007	1108	1221
Punjab	1236	1260	1478	1456	1500	1432	1465	1451	1415	1359	1425	1451	1552	1582	1528	1610
Rajasthan	1205	1185	946	1234	1277	1188	1190	1345	1233	1170	1286	1418	1601	1707	1366	1657
Sikkim	661	661	860	707	914	792	801	799	830	832	852	866	875	876	878	NA
Tamil Nadu	2073	3466	2835	2539	2993	3228	3645	3040	3514	3338	3171	3049	3776	3392	3657	2635
Telangana	-	-	-	-	-	-	-	-	-	1848	1554	2020	2179	2416	2314	2407
Tripura	806	842	778	778	806	774	864	874	875	850	846	911	879	899	920	NA
Uttar Pradesh	1105	1024	1064	1076	1090	1123	1107	1228	1088	919	1005	1214	1363	1452	1241	1386
Uttarakhand	667	563	643	714	800	803	867	921	739	716	979	846	794	939	967	857
West Bengal	988	916	1035	899	1161	1100	1025	1249	1273	1252	1265	1242	1289	1361	1270	1372
Delhi	763	1500	871	154	1256	1300	1251	1265	NA	NA	1260	1248	1260	1262	1261	NA
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1057
All India	1068	1055	1034	1097	1146	1174	1155	1244	1206	1122	1185	1300	1436	1531	1397	1526

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.41: Groundnut: State-wise Yield

State	Season	Yield (Kg/hectare)															
		2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Andhra Pradesh	Kharif	565	301	1357	694	385	659	361	533	644	410	877	419	1291	484	1095	724
	Rabi	1739	1806	1925	1928	2128	2073	1848	1927	1875	2329	2183	2650	2435	2122	2439	1920
	Total	728	557	1451	880	773	899	646	829	892	564	1034	595	1426	618	1284	894
Bihar	Kharif	556	556	500	529	1750	1000	1025	1026	1022	1035	1018	1015	1019	1020	1020	1019
Chhattisgarh	Kharif	1078	1142	1256	1352	1353	1462	1320	1379	1457	1412	1231	1841	1645	1338	1524	1512
Goa	Kharif	1333	2000	2000	1500	2102	2800	2833	2540	2436	2028	2042	2557	2325	2370	2764	NA
	Rabi	2500	1727	1875	2281	2981	2875	2458	2382	2564	1874	2146	2302	2243	2320	2500	NA
	Total	2394	1769	1892	2158	2807	2862	2500	2409	2544	1899	2126	2352	2258	2345	2503	NA
Gujarat	Kharif	1707	725	1781	1368	929	1868	1563	498	2716	2168	1654	1795	2361	1368	2764	1897
	Rabi	2225	2000	1724	1830	1908	1801	1914	2288	1789	1818	1655	1794	1842	2156	2393	2287
	Total	1734	809	1777	1395	964	1864	1612	590	2668	2154	1654	1795	2345	1382	2751	1908
Haryana	Kharif	733	840	813	750	1000	1000	967	1143	1107	1135	1000	1000	1202	900	1201	1020
Himachal Pradesh	Kharif	NA	NA	NA	1000	670	742	917	909	600	600	NA	1020	1028	1030	1160	1210
Jharkhand	Kharif	NA	NA	NA	836	756	914	1196	1170	1194	1013	830	1049	1111	1032	1103	1110
Karnataka	Kharif	590	434	784	545	565	853	650	560	844	729	675	499	886	720	941	940
	Rabi	924	760	906	788	804	952	917	913	912	874	738	1012	1190	868	1198	1030
	Total	645	497	807	589	626	875	716	671	863	768	693	629	980	759	998	966
Kerala	Kharif	727	1000	759	765	763	1267	1346	1274	1250	1426	1379	1411	1394	1261	1258	1291
	Pradesh	1126	948	940	1140	1158	1496	1618	1515	1567	1602	1405	1482	1550	1849	1587	1569
	Kharif	831	743	1112	1016	1015	1258	1080	992	1213	1037	969	1221	1148	936	156	1190
Maharashtra	Rabi	1429	1355	1413	1516	1557	1390	1446	1531	1366	1518	1376	1113	1349	1308	1687	1453
	Total	958	889	1168	1116	1118	1289	1158	1056	1248	1159	1081	1184	1183	977	1063	1294
Nagaland	Kharif	1000	1000	1100	1000	786	1000	1013	1012	1023	1023	1034	1032	1041	1040	1048	NA
Odisha	Kharif	835	904	982	980	968	977	830	1070	1112	1030	837	998	950	1074	1241	1491
	Rabi	1414	1292	1376	1279	1334	1362	1486	1345	1704	1471	1242	1533	1308	1453	1610	1771
	Total	1171	1113	1219	1156	1169	1176	1189	1231	1449	1268	1097	1229	1134	1277	1471	1692
Punjab	Kharif	882	864	871	926	1240	1773	1500	1765	1846	1857	1900	1917	1950	1980	1980	1980
Rajasthan	Kharif	1549	1310	1728	1670	1087	1963	1926	1549	1950	2019	2029	2051	1966	2056	2195	2259
Tamil Nadu	Kharif	1526	1329	1417	1674	1728	1881	2202	1890	2213	2340	2175	1567	2460	2169	2479	2107
	Rabi	2103	3729	3078	2622	3104	3331	3751	3149	3628	3442	3293	3232	3917	3491	3742	2740
	Total	1775	1981	1957	1989	2155	2323	2751	2315	2721	2753	2574	2084	3078	2718	2980	2310
Telangana	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	1692	1500	2000	2188	2504	2743	1579
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	1930	1623	2071	2236	2489	2348	2445
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	1910	1609	2060	2230	2491	2391	2341
Tripura	Kharif	1000	1000	1000	1000	1081	1333	1091	1091	1077	1080	1146	1310	1198	1328	1334	NA
	Rabi	667	1000	1000	1000	1040	1000	1297	1315	1257	1280	1160	1584	1231	1438	1509	NA
	Total	889	1000	1000	1000	1095	1167	1220	1229	1180	1180	1154	1459	1215	1376	1420	NA
Uttar Pradesh	Kharif	851	730	598	705	670	988	1000	1000	896	857	670	904	1013	994	942	1209
Uttarakhand	Kharif	1000	2000	1000	2000	2000	1091	1000	1163	1176	1103	1415	1000	1377	1038	1089	1852
West Bengal	Kharif	933	1000	909	958	916	857	864	1000	917	925	902	964	960	984	1120	1242
	Rabi	1727	1744	1968	1763	1742	1690	1969	2585	2627	2362	2290	2318	2394	2899	2264	2936
	Total	1703	1713	1918	1735	1715	1661	1939	2526	2544	2324	2255	2279	2343	2788	2198	2792
Puducherry	Kharif	1938	1938	1875	2286	2103	1962	1406	2112	2486	3000	2984	3000	3000	3197	3017	NA
Others	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	893
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1337
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	968
All India	Kharif	1097	689	1386	1063	835	1335	1188	811	1735	1478	1399	1321	1834	1304	2016	1635
	Rabi	1702	1880	1857	1764	1830	1846	1938	1908	1926	1948	1801	1861	2222	2238	2352	1922
	Total	1187	866	1459	1163	991	1411	1323	995	1764	1552	1465	1398	1893	1422	2063	1676

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.42: Rapeseed & Mustard: State-wise Yield

Yield (Kg/hectare)

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	333	600	500	667	500	520	667	500	600	500	1000	400	457	345	485	482
Arunachal Pradesh	829	829	945	919	919	893	985	905	936	1016	1089	1019	1019	1019	1019	NA
Assam	456	487	523	543	525	581	560	610	605	667	698	644	639	643	617	633
Bihar	926	1029	947	959	1008	1028	1029	1132	1245	1100	1053	1180	1245	1290	1187	1131
Chhattisgarh	330	399	402	379	419	407	436	514	557	575	517	388	415	419	416	517
Gujarat	1349	1396	1635	1136	1579	1565	1572	1695	1723	1422	1611	1711	1808	1784	1932	1976
Haryana	1117	1343	1198	1738	1655	1869	1396	1721	1639	1432	1594	1853	2018	2058	1793	2027
Himachal Pradesh	292	506	409	270	287	532	619	520	483	543	517	506	546	550	570	650
Jammu & Kashmir	406	649	892	791	788	851	851	817	935	700	612	526	793	1149	899	NA
Jharkhand	NA	NA	NA	541	578	653	670	783	629	625	698	728	715	695	794	823
Karnataka	400	250	250	400	400	500	250	500	333	500	150	200	168	202	NA	225
Madhya Pradesh	1047	999	927	1034	1074	1148	1108	1172	1108	1006	1079	1299	1305	1471	1538	1713
Maharashtra	308	357	444	333	333	375	308	222	400	200	300	358	286	367	330	360
Manipur	NA	NA	NA	500	500	779	764	839	837	867	846	855	856	840	840	NA
Meghalaya	667	667	658	681	680	681	680	672	938	956	967	934	935	936	936	NA
Mizoram	833	600	1000	600	750	750	944	690	1100	1000	934	1003	1002	777	714	NA
Nagaland	800	753	782	1000	800	1000	1005	1009	1010	1012	1011	1013	1012	1012	1012	NA
Odisha	190	171	201	182	211	208	212	275	269	244	205	345	326	275	293	264
Punjab	1102	1122	1179	1222	1300	1323	1276	1281	1306	1248	1348	1413	1498	1524	1482	1591
Rajasthan	1205	1185	946	1234	1276	1188	1189	1346	1233	1170	1287	1422	1602	1709	1366	1659
Sikkim	661	661	860	707	914	792	801	799	830	832	852	866	875	876	878	NA
Tamil Nadu	200	333	333	333	333	233	229	230	241	233	229	200	232	232	233	236
Telangana	-	-	-	-	-	-	-	-	-	2000	2000	1667	1594	1940	1706	1535
Tripura	821	824	733	750	767	750	789	799	824	831	805	825	830	831	845	NA
Uttar Pradesh	1149	1057	1157	1123	1113	1187	1136	1263	1113	930	1017	1245	1392	1483	1260	1412
Uttarakhand	667	563	643	714	800	803	867	933	739	716	979	846	794	939	967	857
West Bengal	909	803	888	764	1080	1021	908	1062	1066	1069	1090	1077	1175	1212	1167	1215
Delhi	763	1500	871	154	1256	1300	1251	1265	NA	NA	1260	1248	1260	1262	1261	NA
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1075
All India	1117	1095	1001	1143	1183	1185	1121	1262	1185	1083	1183	1304	1410	1511	1331	1511

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.43: Linseed: State-wise Yield

State	Yield (Kg/hectare)															
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	250	333	0	0	0	0	0	0	480	0	0	0	NA	NA	NA	NA
Assam	500	500	500	514	517	521	520	568	643	703	633	608	613	608	614	614
Bihar	895	850	845	846	846	889	865	867	850	861	859	833	851	849	845	848
Chhatisgarh	248	250	307	272	300	260	372	285	424	397	292	344	248	260	284	384
Himachal Pradesh	100	267	250	143	225	273	286	327	255	243	295	295	299	300	420	500
Jammu & Kashmir	400	426	1000	500	578	798	1157	582	500	923	878	369	484	1111	0	NA
Jharkhand	333	389	389	454	427	516	531	645	568	709	534	612	570	491	584	617
Karnataka	308	333	357	357	333	364	222	333	333	400	293	333	363	217	513	499
Madhya Pradesh	412	411	314	382	436	338	474	523	498	541	474	504	531	712	867	726
Maharashtra	277	235	279	211	250	256	258	296	258	208	250	239	293	380	353	318
Nagaland	600	648	667	769	689	807	807	807	803	808	808	811	813	814	814	NA
Odisha	420	422	438	441	451	459	471	482	478	478	477	480	485	483	496	486
Punjab	500	500	1000	1000	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Rajasthan	833	833	857	1432	2006	1235	1066	962	1351	1285	1013	1114	1012	1009	964	1066
Uttar Pradesh	414	373	251	450	441	453	452	433	385	600	460	531	602	631	688	688
West Bengal	284	240	271	239	295	341	359	349	200	364	388	370	417	446	517	500
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	762
All India	395	385	349	415	449	408	473	502	484	541	477	567	533	574	671	644

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.44: Safflower: State-wise Yield

State	Yield (Kg/hectare)															
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	471	643	750	462	429	692	700	825	750	1000	NA	NA	NA	NA	490	605
Bihar	1000	500	1000	1000	769	857	821	800	805	800	802	813	818	811	812	814
Chhattisgarh	273	286	222	200	333	333	286	200	333	200	300	286	297	406	409	408
Gujarat	NA	NA	NA	1000	857	NA	583	588	600	NA	NA	NA	NA	NA	NA	NA
Jharkhand	NA	NA	NA	478	335	401	401	500	523	793	NA	524	554	583	491	604
Karnataka	741	753	814	795	735	836	636	625	791	818	563	688	818	617	972	684
Madhya Pradesh	300	333	250	250	286	250	NA	NA	500	724	500	500	1000	NA	NA	NA
Maharashtra	605	606	667	565	580	543	545	552	570	343	228	691	548	475	691	705
Odisha	615	583	615	583	581	600	581	612	602	656	590	600	608	600	600	625
West Bengal	NA	NA	NA	NA	915	838	858	1000	1000	1000	1000	882	1000	700	NA	600
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	812
All India	627	637	701	642	621	617	580	591	638	515	416	651	673	537	843	701

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.45: Sunflower: State-wise Yield

		Yield (Kg/hectare)															
State	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Andhra Pradesh	Kharif	351	406	629	640	380	738	588	789	800	545	714	667	738	557	698	583
	Rabi/Summer	805	871	1174	815	911	683	809	724	888	872	900	1250	1544	731	1012	731
	Total	671	738	1026	778	771	693	785	732	870	800	852	1000	1275	691	942	706
Bihar	Kharif	NA	1233	1200	1200	1278	1280	1345	1348	1289	1347	1323	1287	1291	1343	1280	1345
	Rabi/Summer	1374	1347	1365	1429	1431	1471	1450	1454	1446	1449	1440	1463	1448	1448	1449	1447
	Total	1345	1332	1335	1388	1404	1441	1439	1441	1411	1429	1421	1428	1429	1430	1421	1433
Chhatisgarh	Kharif	366	600	600	563	429	257	556	300	500	NA	500	500	NA	628	NA	507
Haryana	Summer/Rabi	1667	1667	1583	1650	1667	1800	1800	1733	2400	2767	2056	1393	1886	1905	1846	1920
Jharkhand	Kharif	NA	NA	NA	667	459	NA	457	825	696	522	712	544	700	552	523	580
	Rabi/Summer	NA	NA	NA	684	743	663	678	800	524	500	466	502	518	459	547	606
	Total	NA	NA	NA	682	642	663	653	814	585	507	498	522	553	490	540	595
Karnataka	Kharif	504	365	547	505	342	603	518	507	583	555	408	582	612	896	796	863
	Rabi/Summer	593	472	595	488	422	637	505	528	626	597	490	233	629	531	821	915
	Total	552	420	571	496	383	621	512	520	607	579	459	445	618	772	802	883
Madhya Pradesh	Kharif	333	333	500	500	500	500	NA	NA	NA	NA	1000	1000	1000	NA	NA	NA
	Summer/Rabi	583	571	500	667	500	NA	NA	NA	NA	NA	NA	1000	1000	NA	NA	NA
	Total	533	500	500	600	500	500	NA	NA	NA	NA	1000	1000	1000	NA	NA	NA
Maharashtra	Kharif	532	529	580	523	419	507	548	400	588	313	111	280	483	193	352	597
	Rabi	593	545	739	626	567	636	611	465	649	460	276	768	512	186	112	506
	Summer	733	NA	778	833	750	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total	580	548	680	587	521	601	583	436	620	402	213	594	501	190	436	570
Nagaland	Kharif	800	750	1000	667	600	1000	818	808	769	800	824	857	886	889	889	NA
	Rabi/Summer	1000	800	1100	NA	944	526	524	609	634	612	613	613	612	612	612	NA
	Total	875	786	1050	667	910	571	554	632	649	636	641	646	649	649	649	NA
Odisha	Kharif	NA	667	750	667	769	750	705	700	714	719	690	706	712	720	722	741
	Rabi/Summer	830	949	995	930	908	1054	1190	1196	1200	1202	1198	1200	1255	1258	1287	1225
	Total	821	932	984	919	902	1049	1181	1188	1193	1195	1189	1191	1245	1253	1266	1218
Punjab	Summer/Rabi	1612	1641	1900	1750	1787	1664	1857	1881	1738	1765	1797	1655	1840	1933	1859	1870
Rajasthan	Rabi/Summer	1000	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1685
Tamil Nadu	Kharif	1304	2710	2123	1017	1391	1214	1833	1343	1806	1514	1413	857	1944	1734	995	1551
	Rabi	1165	1284	1197	1606	1286	1113	1787	1366	1475	1361	951	226	795	577	898	693
	Total	1240	1828	1590	1329	1334	1151	1809	1357	1564	1409	1060	392	887	641	902	732
Telanagana	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	1000	1000	1000	2119	NA	NA	NA
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	1412	1091	1800	2135	1960	2231	2714
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	1389	1083	1667	2131	1960	2231	2714
Uttar Pradesh	Rabi/Summer	1278	1500	1615	1889	2286	2250	1500	1500	1667	1333	2000	1333	1442	1365	1382	1382
West Bengal	Rabi	1256	1292	1231	1089	1206	1123	1203	1250	1429	1467	1417	1312	1400	952	1221	1200
Others	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	948
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	565
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	638
All India	Kharif	496	425	607	540	378	608	566	622	656	660	510	607	627	766	731	821
	Rabi	692	661	870	696	700	748	783	674	808	781	660	708	924	874	1174	1169
	Total	615	567	765	639	576	701	706	655	750	736	609	660	782	826	931	1023

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates.

NA: Not Available.

2.46: Soybean: State-wise Yield

State	Yield (Kg/ hectare)															
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	1949	1515	1966	1366	827	1703	1615	1818	1612	2000	2000	1612	1889	1926	1747	1546
Arunachal Pradesh	947	947	1167	1433	1183	1346	1487	1518	1273	923	991	1420	1417	1417	1418	NA
Chhattisgarh	900	997	1149	987	956	1170	753	1205	877	753	576	697	481	699	1105	734
Gujarat	853	510	382	699	805	810	786	1000	733	754	675	717	791	1276	1318	1361
Himachal Pradesh	1333	667	1833	1714	850	1333	1587	1429	1450	1446	1676	980	1677	1680	1710	1715
Jharkhand	NA	NA	NA	333	329	200	329	1194	1099	808	931	579	798	747	858	747
Karnataka	534	718	858	679	446	875	901	1047	1233	738	543	745	913	1034	1183	1212
Kerala	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1400	NA	NA	NA	NA	NA
Madhya Pradesh	1058	1006	1091	1142	1198	1200	1108	1293	831	1139	831	1231	1062	1231	789	710
Maharashtra	1077	1147	1492	900	728	1582	1319	1451	1351	655	557	1194	1030	1132	1170	1423
Manipur	NA	NA	NA	NA	NA	927	1063	109	878	868	838	857	907	899	870	NA
Meghalaya	1000	1000	909	1091	1109	1091	1694	1099	1820	1947	1982	1892	1898	1900	1906	NA
Mizoram	1929	1000	235	1100	1603	1929	1254	1411	1480	1413	1539	1574	1525	1731	1561	NA
Nagaland	1199	1200	1148	1498	1032	1246	1253	1252	1255	1254	1254	1257	1259	1260	1262	NA
Rajasthan	1150	1203	1343	971	1175	1461	1544	1412	829	1036	829	1072	1207	1254	469	969
Sikkim	825	825	889	846	1025	881	897	935	946	948	973	975	975	976	976	NA
Telangana	NA	NA	NA	NA	NA	NA	NA	NA	NA	1083	1037	1162	1624	1584	1808	1503
Uttar Pradesh	769	875	667	818	1143	1273	1222	1357	577	731	519	636	777	901	513	687
Uttarakhand	1154	1111	1462	1556	1636	1480	1500	1985	1479	1293	1332	1083	1190	1067	1111	1219
West Bengal	500	600	600	600	603	567	1226	833	699	700	708	732	750	803	779	848
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1207
All India	1073	1063	1235	1041	1024	1327	1208	1353	1012	951	738	1177	1058	1192	921	1007

Source: Directorate of Economics & Statistics, DA&FW

*4th Advance Estimates. NA: Not Available.

2.47: Area and Production of Horticulture Crops

Area in '000 Hectares
Production in '000 MT

Crops	2018-19		2019-20		2020-21*	
	Area	Production	Area	Production	Area	Production
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Fruits						
Almond	10	11	9	11	10	11
Aonla/Gooseberry	92	1046	97	1164	100	1286
Apple	308	2316	310	2814	312	2057
Banana	866	30460	897	32597	923	33379
Ber	50	539	54	606	51	551
Citrus						
(i) Lime/Lemon	305	3482	322	3687	333	3750
(ii) Mandarin (Orange)	469	6243	454	6136	462	6026
(iii) Sweet Orange(Mosambi)	187	3266	217	4040	203	3825
(iv) Others	67	412	81	704	88	661
Citrus Total (i to iv)	1028	13404	1075	14568	1086	14262
Custardapple	40	339	50	395	47	403
Grapes	140	3041	150	3181	152	3229
Guava	276	4253	292	4361	310	4469
Jackfruit	185	1764	187	1739	191	1970
Kiwi	5	13	5	14	5	16
Litchi	96	721	97	726	98	720
Mango	2296	21378	2294	20317	2325	20822
Muskmelon	57	1266	61	1368	69	1346
Papaya	149	6050	142	5780	150	6063
Passion Fruit	12	81	12	56	11	70
Peach	19	118	19	119	18	118
Pear	42	300	43	290	42	280
Picanut	1	0	3	0	1	0
Pineapple	104	1711	106	1732	107	1774
Plum	23	85	23	88	24	88
Pomegranate	253	2915	283	3186	271	3088
Sapota	89	1059	84	906	78	783
Strawberry	1	5	1	9	3	20
Walnut	108	299	108	286	108	284
Watermelon	100	2495	116	3157	115	3205
Others	248	2298	258	2610	304	2731
Total Fruits	6597	97967	6774	102080	6914	103027
Vegetables						
Beans	236	2356	239	2269	230	2212
Bitterguard	99	1205	107	1268	107	1296
Bottleguard	187	3011	189	3106	197	3234
Brinjal	727	12680	744	12682	760	12695
Cabbage	400	9127	401	9272	415	9567
Capsicum	34	497	34	534	38	563
Carrot	109	1893	105	1828	106	1871

contd.

2.47: Area and Production of Horticulture Crops-Contd.

 Area in '000 Hectares
 Production in '000 MT

Crops	2018-19		2019-20		2020-21*	
	Area	Production	Area	Production	Area	Production
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Cauliflower	465	9083	467	8941	473	9225
Cucumber	105	1588	112	1656	118	1665
Chillies (Green)	377	3783	387	4119	418	4417
Elephant Foot Yam	33	817	31	724	38	945
Mushroom	0	182		211	0	243
Okra/ Ladyfinger	513	6176	521	6355	544	6494
Onion	1220	22819	1431	26091	1639	26830
Parmal(pointed gourd)	55	757	59	754	61	720
Peas	552	5562	568	5848	575	5855
Potato	2173	50190	2051	48562	2248	54230
Radish	200	3143	207	3184	206	3220
Sitaphal/Pumpkin/Kaddu	94	2043	104	2183	108	2245
Sweet Potato	110	1156	108	1141	111	1211
Tapioca	163	4976	173	6060	188	5867
Tomato	781	19007	818	20550	865	21056
Others	1441	21118	1453	20945	1523	21568
Total Vegetables	10073	183170	10310	188284	10966	197230
Aromatic	627	795	641	734	659	779
Flowers Cut		647		676		339
Flowers Loose	303	2263	323	2323	329	2266
Total Flowers	303	2910	323	3000	329	2605
Honey		120		120		125
Plantation Crops						
Arecanut#	718	1144	747	1382	744	1265
Cashewnut	1105	743	1125	703	1159	738
Cocoa	94	24	98	26	103	27
Coconut	2151	14682	2173	14006	2185	14572
Total Plantation	4069	16592	4143	16116	4190	16602
Spices						
Ajwain	35	22	41	29	29	22
Cardamom	81	23	85	21	84	34
Chillies (Dried)	780	1743	626	1835	729	2092
Cinnamon/Tejpata	2	5	3	8	2	5
Celery, Dill & Poppy	30	30	33	35	31	31
Clove	2	1	2	1	2	1
Coriander	470	592	529	701	662	832
Cumin	1027	699	1276	912	1241	856
Fenugreek	122	192	126	182	121	203
Fennel	90	157	83	140	79	127
Garlic	358	2910	352	2925	391	3185
Ginger	164	1788	178	1868	176	1887
Nutmeg	24	15	24	16	23	15
Pepper#	245	137	259	104	260	120
Vanilla	0	0	0	0	0	0
Saffron	3	0	4	0	4	0
Tamarind	46	189	44	165	44	159
Turmeric	253	961	296	1153	291	1064
Mint (Mentha)	334	34	328	44	359	47
Total Spices	4067	9500	4291	10137	4528	10679
Total	25737	311052	26482	320471	27586	331048

Source : Department of Agriculture & Farmers Welfare

* Figures are as per 3rd Advance Estimates

#Arecanut and Black Pepper data revised by DASD for 2018-19 and 2019-20 (3rd Advanced Estimates)

2.48: State-wise Area and Production of various Horticultural Crops during the Year 2020-21 (3rd Advance Estimates)

Area in '000 Ha																
Production in '000 MT																
State/UTs	Fruits		Vegetables		Plantation		Aromatics & Medicinal		Flowers			Spices		Honey	Total	
	Area	Prod.	Area	Prod.	Area	Production	Area	Prod.	Area	Production		Area	Prod.	Prod.	Area	Prod.
										Loose	Cut					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andhra Pradesh	730.15	18104.45	228.73	6084.70	351.51	1024.19	6.39	13.25	19.84	384.39	22.46	217.06	885.55	1.89	1553.68	26520.88
Arunachal Pradesh	48.14	125.84	2.62	17.41	2.67	11.76	0.24	0.16	0.00	0.00	0.00	14.04	21.49	0.13	67.71	176.79
Assam	161.99	2512.62	334.50	4196.92	89.60	181.83	4.58	0.18	5.25	35.24	58.91	133.51	337.86	1.35	729.42	7324.92
Bihar	363.71	4639.13	917.40	17575.40	12.16	54.06	10.25	21.19	1.21	10.95	0.19	9.37	14.76	16.00	1314.09	22331.68
Chhattisgarh	222.30	2467.94	488.14	6854.34	33.88	29.81	6.99	49.61	13.05	59.63	0.17	12.26	18.04	0.95	776.62	9480.50
Gujarat	427.39	8195.65	697.57	13980.29	34.70	153.61	0.00	0.00	19.99	191.06	0.00	713.93	1033.18	0.75	1893.57	23554.54
Haryana	71.46	1231.06	337.26	5883.87	0.00	0.00	0.27	0.25	1.98	17.62	1.07	10.54	52.33	4.80	421.50	7191.00
Himachal Pradesh	233.30	605.44	91.88	1875.24	0.00	0.00	1.12	0.91	0.63	4.87	11.75	7.31	13.83	5.85	334.24	2517.88
Jammu & Kashmir	343.42	2042.66	60.12	1339.12	0.00	0.00	3.83	0.01	0.10	0.21	1.02	5.07	1.68	2.30	412.54	3387.00
Jharkhand	109.66	1290.18	306.10	3734.08	15.58	6.05	0.00	0.00	2.04	4.10	3.27	0.00	0.00	1.65	433.37	5039.34
Karnataka	403.40	7367.82	474.58	7517.63	1294.11	4419.95	1.19	7.03	34.48	288.42	70.78	337.01	707.75	2.30	2544.77	20381.68
Kerala	315.73	1921.93	91.12	2802.44	978.08	5289.35	0.01	0.00	53.26	0.08	44.84	162.58	166.27	2.00	1600.78	10226.91
Madhya Pradesh	405.11	8244.40	1086.54	21247.25	0.00	0.00	42.96	108.41	35.56	411.02	0.00	710.23	3308.78	2.60	2280.39	33322.47
Maharashtra	811.36	12849.60	940.21	13882.96	224.40	556.03	0.62	1.02	13.44	71.64	0.82	82.04	424.13	1.85	2072.07	27788.05
Manipur	41.62	463.86	32.90	339.87	0.90	0.32	0.04	0.12	0.07	0.01	0.17	6.45	53.50	0.40	81.98	858.24
Meghalaya	37.23	382.21	49.28	517.76	26.74	34.53	0.00	0.00	12.53	0.00	0.35	14.25	71.66	0.25	140.03	1006.76
Mizoram	65.95	345.18	40.47	191.45	21.45	33.64	0.77	0.78	0.08	0.00	0.80	27.82	100.93	0.25	156.53	673.03
Nagaland	33.69	314.33	40.66	456.24	2.78	7.90	0.11	0.86	4.32	0.00	0.22	10.95	42.14	0.65	92.51	822.34
Odisha	366.31	2782.26	681.68	9510.49	266.30	390.11	1.92	0.61	5.66	31.50	34.10	148.11	294.45	1.65	1469.98	13045.16
Punjab	102.75	2202.10	287.39	5856.37	0.00	0.00	13.37	3.02	2.18	13.70	0.00	23.12	124.21	17.00	428.80	8216.40
Rajasthan	72.74	903.53	186.58	2119.66	0.00	0.00	411.63	326.40	3.69	8.87	0.00	1082.13	1228.86	11.20	1756.76	4598.52
Sikkim	20.13	50.78	24.20	138.20	0.00	0.00	0.00	0.00	0.24	16.50	0.09	42.35	102.57	0.45	86.93	308.58
Tamilnadu	314.51	5338.19	440.62	9182.78	644.21	3802.36	17.28	226.32	42.38	544.40	0.99	115.08	182.22	2.20	1574.07	19279.45
Telangana	171.74	2389.57	88.34	1943.53	0.79	5.99	0.31	5.65	3.31	47.99	0.00	139.53	845.31	0.85	404.02	5238.89
Tripura	55.45	571.43	48.57	847.72	16.06	40.80	0.00	0.00	0.00	0.00	0.00	6.73	29.47	0.20	126.81	1489.62
Uttar Pradesh	504.15	11231.46	1307.22	29160.88	0.00	0.00	135.04	13.53	22.58	49.26	69.22	416.84	278.69	22.50	2385.82	40825.53
Uttarakhand	181.11	677.39	98.87	1030.34	0.00	0.00	0.00	0.00	1.64	3.06	15.23	14.60	84.12	2.70	296.22	1812.84
West Bengal	283.17	3658.09	1543.57	28432.28	55.11	307.18	0.00	0.00	29.32	70.92	2.47	63.78	253.87	20.00	1974.95	32744.81
Others	15.87	117.86	38.59	511.15	119.37	252.41	0.00	0.00	0.18	0.74	0.02	1.50	1.57	0.29	175.52	884.05
Total	6913.51	103026.98	10965.69	197230.37	4190.39	16601.88	658.89	779.30	329.00	2266.16	338.96	4528.18	10679.22	125.00	27585.66	331047.87

Source : Department of Agriculture & Farmers Welfare

2.49 (a): Potato: All-India Area, Production and Yield

Year	Area	Area - Million Hectares	Production - Million
		Tonnes	Yield - Kg./Hectare
(1)	(2)	(3)	(4)
1950-51	0.24	1.66	6917
1951-52	0.25	1.71	6848
1952-53	0.26	1.99	7812
1953-54	0.26	1.96	7611
1954-55	0.27	1.76	6632
1955-56	0.28	1.86	6639
1956-57	0.29	1.72	6028
1957-58	0.32	2.00	6243
1958-59	0.34	2.35	6947
1959-60	0.36	2.73	7550
1960-61	0.38	2.72	7251
1961-62	0.37	2.45	6704
1962-63	0.41	3.37	8152
1963-64	0.42	2.59	6249
1964-65	0.43	3.61	8395
1965-66	0.48	4.08	8513
1966-67	0.47	3.52	7440
1967-68	0.50	4.23	8441
1968-69	0.52	4.73	9011
1969-70	0.50	3.91	7888
1970-71	0.48	4.81	9976
1971-72	0.49	4.83	9810
1972-73	0.51	4.45	8821
1973-74	0.54	4.86	8946
1974-75	0.59	6.23	10598
1975-76	0.62	7.31	11738
1976-77	0.62	7.17	11573
1977-78	0.67	8.14	12228
1978-79	0.81	10.13	12555
1979-80	0.69	8.33	12152
1980-81	0.73	9.67	13258
1981-82	0.76	9.91	12996
1982-83	0.74	9.96	13549
1983-84	0.79	12.15	15299
1984-85	0.85	12.57	14806
1985-86	0.84	10.42	12364
1986-87	0.83	12.74	15322
1987-88	0.89	14.05	15869
1988-89	0.93	14.86	15929
1989-90	0.94	14.77	15714
1990-91	0.94	15.21	16254
1991-92	1.03	16.39	15904
1992-93	1.05	15.23	14458
1993-94	1.05	17.39	16610
1994-95	1.07	17.40	16262
1995-96	1.11	18.84	16973
1996-97	1.25	24.22	19376
1997-98	1.21	17.65	14587
1998-99	1.32	23.61	17886
1999-00	1.34	24.71	18443
2000-01	1.22	22.49	18404
2001-02	1.21	23.92	19806
2002-03	1.35	23.27	17300
2003-04	1.29	23.06	17887
2004-05	1.32	23.63	17923
2005-06	1.40	23.91	17058
2006-07	1.48	22.18	14943
2007-08	1.55	28.47	18331
2008-09	1.83	34.39	18810
2009-10	1.84	36.58	19951
2010-11	1.86	42.34	22724
2011-12	1.91	41.48	21753
2012-13	1.99	45.34	22760
2013-14	1.97	41.56	21060
2014-15	2.08	48.01	23126
2015-16	2.12	43.42	20509
2016-17	2.18	48.60	22303
2017-18	2.14	51.31	23957
2018-19	2.17	50.19	23129
2019-20	2.05	48.56	23688
2020-21 (3rd Adv.Est.)	2.25	54.23	24102

Source : Department of Agriculture & Farmers Welfare

2.49 (b) : Potato: Area, Production and Yield in Major Producing States

State/ UTs	2020-21(3rd Adv Est)					2019-20 (Final)				
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	% to All India	Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Uttar Pradesh	620.44	27.60%	15811.31	29.16%	25484	570.00	27.79%	13000.00	26.77%	22807
West Bengal	487.00	21.66%	13201.00	24.34%	27107	435.00	21.21%	12563.00	25.87%	28880
Bihar	327.58	14.57%	9041.91	16.67%	27603	258.0	12.58%	7710.00	15.88%	29884
Gujarat	125.47	5.58%	3890.00	7.17%	31002	118.00	5.75%	3616.50	7.45%	30648
Madhya Pradesh	156.39	6.96%	3566.94	6.58%	22808	151.00	7.36%	3457.30	7.12%	22896
Punjab	107.09	4.76%	2948.55	5.44%	27534	106.00	5.17%	2870.00	5.91%	27075
Assam	115.75	5.15%	985.40	1.82%	8513	104.75	5.11%	756.22	1.56%	7219
Jharkhand	49.12	2.19%	767.91	1.42%	15632	48.88	2.38%	705.63	1.45%	14437
Haryana	30.75	1.37%	807.37	1.49%	26255	25.00	1.22%	626.00	1.29%	25045
Chhattisgarh	42.57	1.89%	611.58	1.13%	14366	43.54	2.12%	586.53	1.21%	13471
Others	185.91	8.27%	2597.77	4.79%	13974	191.19	9.32%	2670.75	5.50%	13969
All India	2248.07	100.00%	54229.74	100.00%	24123	2051.35	100.00%	48561.93	100.00%	23673

Source : Department of Agriculture & Farmers Welfare

Note: States have been arranged in descending order of percentage share in production during 2020-21

2.50 (a): Onion: All-India Area, Production and Yield

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1978-79	0.21	2.20	10403
1979-80	0.24	2.50	10232
1980-81	0.25	2.50	9961
1981-82	0.25	2.65	10562
1982-83	0.24	2.43	10330
1983-84	0.27	2.70	9982
1984-85	0.28	3.10	11139
1985-86	0.28	2.86	10202
1986-87	0.26	2.53	9659
1987-88	0.27	2.70	9857
1988-89	0.32	3.35	10620
1989-90	0.30	3.07	10176
1990-91	0.30	3.23	10686
1991-92	0.32	3.58	11088
1992-93	0.32	3.49	10791
1993-94	0.37	4.01	10902
1994-95	0.38	4.04	10661
1995-96	0.40	4.08	10316
1996-97	0.40	4.18	10348
1997-98	0.40	3.62	9091
1998-99	0.47	5.33	11391
1999-00	0.49	4.90	9932
2000-01	0.42	4.55	10786
2001-02	0.45	4.83	10686
2002-03	0.42	4.21	9912
2003-04	0.50	5.92	11784
2004-05	0.55	6.43	11718
2005-06	0.66	8.68	13118
2006-07	0.70	8.89	12655
2007-08	0.70	9.14	12974
2008-09	0.83	13.48	16260
2009-10	0.76	12.16	16079
2010-11	1.06	15.12	14210
2011-12	1.09	17.51	16109
2012-13	1.05	16.81	15989
2013-14	1.20	19.40	16120
2014-15	1.17	18.93	16136
2015-16	1.32	20.93	15857
2016-17	1.31	22.43	17178
2017-18	1.28	23.26	18103
2018-19	1.22	22.82	18705
2019-20	1.43	26.09	18245
2020-21 (3rd Adv.Est.)	1.64	26.83	16360

Source : Department of Agriculture & Farmers Welfare

2.50 (b): Onion: Area, Production and Yield in Major Producing States

Area - '000 Hectares
Production - '000 Tonnes
Yield - Kg./ Hectare

State/UTs	2020-21(3rd Adv Est)					2019-20 (Final)				
	Area	%	Production	%	Yield	Area	%	Production	%	Yield
		to		to			to		to	
	All - India		All - India			All - India		All - India		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Maharashtra	703.80	42.95%	10476.46	39.05%	14886	618.00	43.18%	10683.00	40.94%	17286
Madhya Pradesh	186.92	11.41%	4548.56	16.95%	24335	173.89	12.15%	4270.70	16.37%	24560
Karnataka	230.40	14.06%	2660.68	9.92%	11548	160.00	11.18%	2275.00	8.72%	14219
Gujarat	67.74	4.13%	1657.96	6.18%	24477	58.00	4.05%	1422.00	5.45%	24517
Bihar	58.34	3.56%	1328.30	4.95%	22770	58.00	4.05%	1313.00	5.03%	22638
Rajasthan	82.30	5.02%	1386.67	5.17%	16850	75.00	5.24%	1242.00	4.76%	16560
Andhra Pradesh	40.88	2.50%	636.49	2.37%	15568	43.00	3.00%	981.00	3.76%	22814
West Bengal	40.61	2.48%	747.60	2.79%	18410	37.39	2.61%	669.80	2.57%	17914
Haryana	23.71	1.45%	602.35	2.25%	25401	24.00	1.68%	610.00	2.34%	25417
Uttar Pradesh	28.55	1.74%	470.84	1.75%	16494	28.00	1.96%	454.00	1.74%	16214
Others	175.35	10.70%	2314.37	8.63%	13199	156.09	10.90%	2170.87	8.32%	13908
All India	1638.58	100.00%	26830.27	100.00%	16374	1431.37	100.00%	26091.37	100.00%	18228

Source : Department of Agriculture & Farmers Welfare

Note: States have been arranged in descending order of percentage share in production during 2019-20

2.51 (a): Tomato: All-India Area, Production and Yield

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
2005-06	546.93	9967.60	18.2
2006-07	596.23	10054.61	16.9
2007-08	566.30	10302.74	18.2
2008-09	599.11	11148.83	18.6
2009-10	634.39	12433.19	19.6
2010-11	864.92	16826.45	19.5
2011-12	907.05	18653.30	20.6
2012-13	879.63	18226.64	20.7
2013-14	882.03	18735.91	21.2
2014-15	767.32	16384.98	21.4
2015-16	773.88	18731.97	24.2
2016-17	796.86	20708.43	26.0
2017-18	789.15	19759.32	25.0
2018-19	781.01	19007.24	24.3
2019-20	817.78	20550.11	25.1
2020-21 (3rd Adv.Est.)	865.29	21055.85	24.3

Source : Department of Agriculture & Farmers Welfare

2.51 (b) : Tomato: Area, Production and Yield in Major Producing States

Area-000' Hectares
Production- 000'Tonnes
Yield-Kg/Hectare

State/ UTs	2020-21(3rd Adv Est)					2019-20 (Final)				
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	% to All India	Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Madhya Pradesh	102.92	11.89%	2970.31	14.11%	28.9	93.90	11.48%	2737	13.32%	29.1
Tamil Nadu	82.98	9.59%	2370.58	11.26%	28.6	53.00	6.48%	1592	7.75%	30.0
Andhra Pradesh	61.57	7.12%	2216.54	10.53%	36.0	61.0	7.46%	2810	13.67%	46.1
Karnataka	67.00	7.74%	2077.00	9.86%	31.0	67.00	8.19%	2103	10.23%	31.4
Odisha	93.89	10.85%	1431.98	6.80%	15.3	82.71	10.11%	1206	5.87%	14.6
Gujarat	48.42	5.60%	1394.89	6.62%	28.8	50.00	6.11%	1427	6.94%	28.5
West Bengal	59.24	6.85%	1284.00	6.10%	21.7	58.00	7.09%	1271	6.18%	21.9
Chhattisgarh	61.18	7.07%	1148.65	5.46%	18.8	64.61	7.90%	1199	5.83%	18.6
Maharashtra	56.06	6.48%	1124.96	5.34%	20.1	42.90	5.25%	1040	5.06%	24.2
Bihar	51.76	5.98%	951.36	4.52%	18.4	52.00	6.36%	964	4.69%	18.5
Others	180.26	20.83%	4085.58	19.40%	22.7	192.66	23.56%	4201	20.44%	21.8
All India	865.29	100.00%	21055.85	100.00%	24.3	817.78	100.00%	20550.11	100.00%	25.1

Source : Department of Agriculture & Farmers Welfare

Note: States have been arranged in descending order of percentage share in production during 2020-21

2.52 (a): Coconut: All-India Area, Production and Yield

Area - '000 Hectares
 Production - '000 Tonnes
 Yield - Kg./ Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1991-92	1529	10080	6593
2001-02	1893	12822	6773
2002-03	1893	12822	6773
2003-04	1934	12178	6297
2004-05	1935	8829	4563
2005-06	2029	14809	7299
2006-07	1940	15831	8160
2007-08	1903	14748	7750
2008-09	1903	14748	7750
2009-10	1895	15730	8301
2010-11	1896	10840	5717
2011-12	2071	14940	7214
2012-13	2137	15609	7304
2013-14	2140	14911	6966
2014-15	1976	14067	7120
2015-16	2088	15256	7305
2016-17	2082	16486	7918
2017-18	2097	16413	7828
2018-19	2151	14682	6826
2019-20	2173	14006	6445
2020-21 (3rd Adv.Est.)	2185	14572	6670

Source : Department of Agriculture & Farmers Welfare

2.52(b): Coconut: Area and Production in Major Producing States

Area- 000' Hectares

Production-000 tonnes

Yield- Kg/Hectare

State/UTs	2020-21(3rd Adv Est)					2019-20 (Final)				
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	% to All India	Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Kerala	760.72	34.82%	5114.00	35.09%	6723	760.78	35.01%	4814.00	34.37%	6328
Tamil Nadu	437.57	20.03%	3710.63	25.46%	8480	437.57	20.13%	3705.66	26.46%	8469
Karnataka	642.47	29.41%	3392.08	23.28%	5280	624.03	28.71%	2965.99	21.18%	4753
Andhra Pradesh	114.31	5.23%	880.24	6.04%	7701	111.38	5.12%	1072.98	7.66%	9634
Maharashtra	29.95	1.37%	361.15	2.48%	12059	29.95	1.38%	361.15	2.58%	12059
West Bengal	31.84	1.46%	272.33	1.87%	8553	31.30	1.44%	268.39	1.92%	8575
Odisha	52.35	2.40%	274.61	1.88%	5246	51.71	2.38%	244.53	1.75%	4729
Gujarat	49.31	2.26%	203.97	1.40%	4136	27.40	1.26%	182.68	1.30%	6667
Assam	25.03	1.15%	147.19	1.01%	5880	20.75	0.95%	110.25	0.79%	5313
Bihar	20.82	0.95%	127.31	0.87%	6116	12.16	0.56%	54.06	0.39%	4444
Others	20.33	0.93%	88.61	0.61%	4358	66.25	3.05%	226.31	1.62%	3416
All India	2184.70	100.00%	14572.12	100.00%	6670	2173.28	100.00%	14006.00	100.00%	6445

Source : Department of Agriculture & Farmers Welfare

Note: States have been arranged in descending order of percentage share in production during 2019-20

2.53: State-wise area covered under organic farming during 2020-21

S. No.	State	Under NPOP Certification	Under PGS certification Area (in ha) Area (in ha)
(1)	(2)	(3)	(4)
1.	Andaman & Nicobar	0	1360
2.	Andhra Pradesh	36801.36	206000
3.	Arunachal Pradesh	13114.12	380
4.	Assam	18470.84	4400
5.	Bihar Chhattisgarh	29902.54	24600
6.	Goa	23209.52	109000
7.	Gujarat	12632.32	10080
8.	Haryana	147866.41	2000
9.		4903.06	400
10.	Himachal Pradesh	11854	17700
11.	Jammu & Kashmir	30619.82	560
12.	Jharkhand	53261.7	8940
13.	Karnataka	95050.08	20900
14.	Kerala	45070.38	96380
15.	Ladakh	817.85	0
16.	Lakshadweep	895.51	2700
17.	Madhya Pradesh	1020017.98	175560
18.	Maharashtra	371722.62	25160
19.	Manipur	12724.92	600
20.	Meghalaya	38376.39	900
21.	Mizoram	13038.89	680
22.	Nagaland	14790.38	480
23.	Delhi	5.17	10000
24.	Odisha	92694.81	44800
25.	Pondicherry	23.65	160
26.	Punjab	2021.5	5000
27.	Rajasthan	298686.29	123000
28.	Sikkim	75729.66	3000
29.	Tamil Nadu	31629.06	8240
30.	Telangana	6865.56	13800
31.	Tripura	6521.31	1000
32.	Uttar Pradesh	67442.61	78580
33.	Uttarakhand	74826.4	140540
34.	West Bengal	6302.61	2400
35.	Daman & Diu	0	1100
36.	Dadar Nagar	0	10000
37.	Chandigarh	0	1300
	Total	2657889.33	1151700

Source - Data provided by the APEDA from accredited Certification Bodies under NPOP on Tracenet and NCOF as per the details available on PGS portal for PGS certification.

2.54: Livestock Population in India

(Million Numbers)

Species	1951	1956	1961	1966	1972	1977	1982	1987	1992	1997	2003	2007	2012	2019
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Cattle	155.30	158.70	175.60	176.20	178.30	180.00	192.45	199.69	204.58	198.88	185.18	199.08	190.90	193.46
Buffalo	43.40	44.90	51.20	53.00	57.40	62.00	69.78	75.97	84.21	89.92	97.92	105.34	108.70	109.85
Total Bovines	198.70	203.60	226.80	229.20	235.70	242.00	262.36	275.82	289.00	289.00	283.10	304.76	299.90	303.76
Sheep	39.10	39.30	40.20	42.40	40.00	41.00	48.76	45.70	50.78	57.49	61.47	71.56	65.07	74.26
Goats	47.20	55.40	60.90	64.60	67.50	75.60	95.25	110.21	115.28	122.72	124.36	140.54	135.17	148.89
Horses & Ponies	1.50	1.50	1.30	1.10	0.90	0.90	0.90	0.80	0.82	0.83	0.75	0.61	0.62	0.34
Camels	0.60	0.80	0.90	1.00	1.10	1.10	1.08	1.00	1.03	0.91	0.63	0.52	0.40	0.25
Pigs	4.40	4.90	5.20	5.00	6.90	7.60	10.07	10.63	12.79	13.29	13.52	11.13	10.29	9.06
Mules	0.06	0.04	0.05	0.08	0.08	0.09	0.13	0.17	0.19	0.22	0.18	0.14	0.20	0.08
Donkeys	1.30	1.10	1.10	1.10	1.00	1.00	1.02	0.96	0.97	0.88	0.65	0.44	0.32	0.12
Yaks	NC	NC	0.02	0.03	0.04	0.13	0.13	0.04	0.06	0.06	0.06	0.08	0.08	0.06
Total Livestock	292.80	306.60	335.40	344.10	353.60	369.00	419.59	445.29	470.86	485.39	485.00	529.70	512.06	536.76
Poultry	73.50	94.80	114.20	115.40	138.50	159.20	207.74	275.32	307.07	347.61	489.1	648.88	729.21	851.81
Stray Dogs	NC	NC	NC	NC	NC	NC	18.54	17.95	21.77	25.48	16.51	19.09	11.67	15.31
Rabbits	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.48	0.42	0.59	0.55

Source: Livestock Census, Department of Animal Husbandry and Dairying

NC : Not Collected

Note: Totals may not tally due to rounding of figures

2.55: State-wise Production of Milk, Eggs, Meat and Wool

States/UTs	Milk ('000 Tonnes)						Egg (Lakh Nos.)					
	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Andhra Pradesh#	9656	10817	12178	13725	15044	15263	130958	141743	158274	177776	197545	219275
Arunachal Pradesh	46	50	53	54	55	61	417	427	495	550	595	605
Assam	829	843	861	872	882	920	4728	4740	4771	4952	5015	5149
Bihar	7775	8288	8711	9242	9818	10480	9845	10021	11117	12185	17634	27408
Chhattisgarh	1232	1277	1374	1469	1567	1676	14732	15028	16638	17718	18927	20289
Goa	67	54	51	55	57	61	75	352	292	299	327	400
Gujarat	11691	12262	12784	13569	14493	15292	16565	17216	17940	17868	18544	19274
Haryana	7901	8381	8975	9809	10726	11735	45790	49133	52139	55855	60577	66153
Himachal Pradesh	1172	1283	1329	1392	1460	1531	1084	812	959	981	1007	1066
Jammu & Kashmir	1951	2273	2376	2460	2540	2506	4958	2309	2305	2334	2349	2216
Jharkhand	1734	1812	1894	2016	2183	2321	4663	4833	5103	5531	6379	6928
Karnataka	6121	6344	6562	7137	7901	9031	43968	47660	50671	55661	59994	66511
Kerala	2711	2650	2520	2576	2548	2544	25036	24425	23444	23481	22906	21845
Madhya Pradesh	10779	12148	13445	14713	15911	17109	11776	14414	16940	19422	21432	23794
Maharashtra	9542	10153	10402	11102	11655	12024	50792	52858	54774	56991	59649	63713
Manipur	82	79	79	82	86	90	1129	1037	992	1018	1053	1082
Meghalaya	83	84	84	85	87	88	1057	1064	1064	1074	1090	1102
Mizoram	20	22	24	25	26	24	377	391	408	410	415	433
Nagaland	76	77	79	74	73	62	353	465	397	401	375	382
Odisha	1903	1930	2003	2088	2311	2370	19245	19273	19745	20622	23453	23814
Punjab	10351	10774	11282	11855	12599	13348	42642	44218	47826	52250	55909	56388
Rajasthan	16934	18500	20850	22427	23668	25573	13202	13853	13633	14548	16616	26962
Sikkim	50	67	54	59	61	84	58	102	68	63	55	48
Tamil Nadu	7132	7244	7556	7742	8362	8759	159253	161252	166824	174161	188422	200216
Telangana	4207	4442	4681	4965	5416	5590	106185	112058	118186	126700	136868	148055
Tripura	141	152	160	174	185	199	1979	2161	2294	2621	2760	2950
Uttar Pradesh	25198	26387	27770	29052	30519	31864	20776	21929	22889	24398	26050	34049
Uttarakhand	1565	1656	1692	1742	1792	1845	3697	3907	4119	4298	4532	4786
West Bengal	4961	5038	5183	5389	5607	5869	48136	60108	65536	76434	85999	97350
A&N Islands	16	15	16	17	18	19	861	989	1032	1074	1139	1189
Chandigarh	44	43	36	42	45	49	169	167	154	160	164	124
D. & N. Haveli*	9	9	8	8	-	-	73	73	73	73	0	-
Daman & Diu	1	1	1	1	1	1	19	8	4	5	5	5
Delhi*	280	281	279	279	-	-	-	0	0	0	0	-
Lakshadweep	4	3	3	4	4	4	126	144	147	142	142	153
Puducherry	48	48	48	49	49	50	113	114	114	114	114	114
All India	146314	155491	165404	176347	187749	198440	784839	829284	881370	952170	1038039	1143831

contd...

2.55: State-wise Production of Milk, Eggs, Meat and Wool-Contd.

States/UTs	Meat ('000 Tonnes)					Wool ('000 Kgs)						
	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
Andhra Pradesh#	528	566	633	709	781	850	778	789	792	794	797	801
Arunachal Pradesh	19	19	20	21	22	23	24	36	58	60	43	43
Assam	43	45	47	48	50	53	-	-	-	-	-	0
Bihar	294	302	326	343	365	384	278	240	281	298	312	311
Chhattisgarh	38	41	49	55	61	66	116	90	87	82	82	83
Goa	8	8	7	8	8	7	-	-	-	-	-	0
Gujarat	34	34	33	33	33	33	2577	2283	2267	2295	2271	2233
Haryana	381	403	427	470	512	554	1429	702	691	693	719	730
Himachal Pradesh	4	4	4	4	5	5	1663	1409	1475	1482	1503	1516
Jammu & Kashmir	45	75	85	87	92	95	8371	6866	7266	7489	7629	7477
Jharkhand	48	51	55	58	62	67	161	166	178	187	199	210
Karnataka	181	197	209	228	254	305	8821	8191	6588	4305	3058	1742
Kerala	446	466	469	469	457	453	-	-	-	-	-	0
Madhya Pradesh	59	70	79	89	97	106	484	442	406	408	410	412
Maharashtra	631	675	845	925	1021	1140	1386	1390	1407	1437	1457	1412
Manipur	27	26	27	28	28	29	-	-	-	-	-	0
Meghalaya	41	41	41	43	45	46	-	-	-	-	-	0
Mizoram	13	14	15	16	16	16	-	-	-	-	-	0
Nagaland	67	36	31	32	32	32	-	-	-	-	-	0
Odisha	163	165	177	183	202	205	-	-	-	-	-	0
Punjab	237	250	249	276	231	248	461	473	490	515	525	525
Rajasthan	181	180	180	188	192	200	14463	13415	14321	14287	14522	12717
Sikkim	3	6	4	4	4	4	0	0	0	0	0	0
Tamil Nadu	492	544	573	603	634	663	1	1	2	2	2	0
Telangana	505	542	591	645	754	848	4423	4562	4658	4506	4264	3960
Tripura	34	37	40	45	48	51	-	-	-	0	-	0
Uttar Pradesh	1397	1418	1346	1151	1227	1166	1494	1265	1286	1300	1316	1329
Uttarakhand	26	271	28	29	29	25	469	513	538	564	552	497
West Bengal	657	686	706	773	831	903	740	748	753	758	760	763
A&N Islands	5	5	5	5	5	6	-	-	-	-	-	0
Chandigarh	1	1	1	1	1	1	-	-	-	-	-	0
D. & N. Haveli*	0	0	0	-	-	-	-	-	-	-	-	0
Daman & Diu	1	1	1	0	0	0	-	-	-	-	-	0
Delhi*	70	70	66	66	-	-	-	-	-	-	-	0
Lakshadweep	0	1	0	0	0	0	-	-	-	-	-	0
Puducherry	14	15	15	15	15	15	-	-	-	-	-	0
All India	6691	7020	7386	7656	8114	8599	48140	43581	43544	41463	40420	36761

Source : Department of Animal Husbandry and Dairying

"-" Not Available/Not Received

* previous year data used

Till 2013-14 the figures of Andhra Pradesh includes Telangana

2.56: Fish Production in India

('000 Tonnes)

Year	Inland	Marine	Total
(1)	(2)	(3)	(4)
1950-51	218	534	752
1955-56	243	596	839
1960-61	280	880	1160
1965-66	507	824	1331
1970-71	670	1086	1756
1973-74	748	1210	1958
1978-79	816	1490	2306
1979-80	848	1492	2340
1980-81	887	1555	2442
1981-82	999	1445	2444
1982-83	940	1427	2367
1983-84	987	1519	2506
1984-85	1103	1698	2801
1985-86	1160	1716	2876
1986-87	1229	1713	2942
1987-88	1301	1658	2959
1988-89	1335	1817	3152
1989-90	1402	2275	3677
1990-91	1536	2300	3836
1991-92	1710	2447	4157
1992-93	1789	2576	4365
1993-94	1995	2649	4644
1994-95	2097	2692	4789
1995-96	2242	2707	4949
1996-97	2381	2967	5348
1997-98	2438	2950	5388
1998-99	2602	2696	5298
1999-00	2823	2852	5675
2000-01	2845	2811	5656
2001-02	3126	2830	5956
2002-03	3210	2990	6200
2003-04	3458	2941	6399
2004-05	3526	2779	6305
2005-06	3756	2816	6572
2006-07	3845	3024	6869
2007-08	4207	2920	7127
2008-09	4638	2978	7616
2009-10	4894	3104	7998
2010-11	4981	3250	8231
2011-12	5294	3372	8666
2012-13	5719	3321	9040
2013-14	6136	3443	9579
2014-15	6691	3569	10260
2015-16	7162	3600	10762
2016-17	7806	3625	11431
2017-18	8902	3688	12590
2018-19	9720	3853	13573
2019-20	10437	3727	14164

Source : Department of Fisheries

2.57: State-wise Production of Fish

		('Lakh Tonnes)								
S.No.	State/UTs	2017-18			2018-19			2019-20		
		Inland	Marine	Total	Inland	Marine	Total	Inland	Marine	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Andhra Pradesh	28.45	6.05	34.50	33.91	6.00	39.91	36.10	5.64	41.74
2	Arunachal Pradesh	0.04	0.00	0.04	0.05	0.00	0.05	0.05	0.00	0.05
3	Assam	3.27	0.00	3.27	3.31	0.00	3.31	3.73	0.00	3.73
4	Bihar	5.88	0.00	5.88	6.02	0.00	6.02	6.41	0.00	6.41
5	Chhattisgarh	4.57	0.00	4.57	4.89	0.00	4.89	5.72	0.00	5.72
6	Goa	0.06	1.18	1.24	0.05	1.15	1.20	0.04	1.01	1.05
7	Gujarat	1.38	7.01	8.39	1.42	6.99	8.41	1.58	7.01	8.59
8	Haryana	1.90	0.00	1.90	1.80	0.00	1.80	1.91	0.00	1.91
9	Himachal Pradesh	0.13	0.00	0.13	0.13	0.00	0.13	0.14	0.00	0.14
10	Jharkhand	1.90	0.00	1.90	2.08	0.00	2.08	2.23	0.00	2.23
11	Karnataka	1.88	4.14	6.02	1.98	3.90	5.88	2.29	4.03	6.32
12	Kerala	1.89	4.84	6.73	1.92	6.09	8.01	2.05	4.75	6.80
13	Madhya Pradesh	1.43	0.00	1.43	1.73	0.00	1.73	2.00	0.00	2.00
14	Maharashtra	1.31	4.75	6.06	1.00	4.68	5.68	1.18	4.43	5.61
15	Manipur	0.33	0.00	0.33	0.32	0.00	0.32	0.32	0.00	0.32
16	Meghalaya	0.12	0.00	0.12	0.13	0.00	0.13	0.14	0.00	0.14
17	Mizoram	0.08	0.00	0.08	0.07	0.00	0.07	0.07	0.00	0.07
18	Nagaland	0.09	0.00	0.09	0.09	0.00	0.09	0.09	0.00	0.09
19	Odisha	5.34	1.51	6.85	6.00	1.59	7.59	6.60	1.58	8.18
20	Punjab	1.37	0.00	1.37	1.35	0.00	1.35	1.51	0.00	1.51
21	Rajasthan	0.54	0.00	0.54	0.55	0.00	0.55	1.16	0.00	1.16
22	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	Tamil Nadu	1.85	4.97	6.82	1.70	5.20	6.90	1.74	5.83	7.57
24	Telangana	2.70	0.00	2.70	2.84	0.00	2.84	3.00	0.00	3.00
25	Tripura	0.77	0.00	0.77	0.70	0.00	0.70	0.78	0.00	0.78
26	Uttar Pradesh	6.29	0.00	6.29	6.62	0.00	6.62	6.99	0.00	6.99
27	Uttarakhand	0.05	0.00	0.05	0.05	0.00	0.05	0.05	0.00	0.05
28	West Bengal	15.57	1.85	17.42	16.19	1.63	17.82	16.19	1.63	17.82
29	A and N Islands	0.00	0.39	0.39	0.00	0.40	0.40	0.00	0.40	0.40
30	Chandigarh	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.01
31	D & Nagar Haveli and Daman and Diu	0.00	0.24	0.24	0.00	0.28	0.28	0.00	0.32	0.32
32	Delhi	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01
33	Jammu & Kashmir	0.21	0.00	0.21	0.21	0.00	0.21	0.21	0.00	0.21
34	Ladakh	-	-	0.00	-	-	0.00	0.00	0.00	0.00
35	Lakshadweep	0.00	0.21	0.21	0.00	0.22	0.22	0.00	0.20	0.20
36	Puducherry	0.07	0.42	0.49	0.07	0.40	0.47	0.07	0.44	0.51
	All India	89.48	37.56	127.04	97.20	38.53	135.73	104.37	37.27	141.64

Source : Department of Fisheries

2.58: India's Imports and Exports of Principal Agricultural Commodities

(Value in ₹ Crore)

Year	Agricultural Imports	Total National Imports	% of Agricultural Imports to Total National Imports	Agricultural Exports	Total National Exports	% of Agricultural Exports to Total National Exports
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1990-91	1205.86	43198.00	2.79	6012.76	32553.00	18.47
1991-92	1478.27	47850.84	3.09	7838.04	44041.81	17.80
1992-93	2876.25	63374.52	4.54	9040.30	53688.26	16.84
1993-94	2327.33	73101.01	3.18	12586.55	69748.85	18.05
1994-95	5937.21	89970.70	6.60	13222.76	82673.40	15.99
1995-96	5890.10	122678.14	4.80	20397.74	106353.35	19.18
1996-97	6612.60	138919.88	4.76	24161.29	118817.32	20.33
1997-98	8784.19	154176.29	5.70	24832.45	130100.64	19.09
1998-99	14566.48	178331.69	8.17	25510.64	139751.77	18.25
1999-00	16066.73	215528.53	7.45	25313.66	159095.20	15.91
2000-01	12086.23	230872.75	5.24	28657.37	203571.00	14.08
2001-02	16256.61	245199.71	6.63	29728.61	209017.96	14.22
2002-03	17608.83	297205.86	5.92	34653.94	255137.26	13.58
2003-04	21972.68	359107.61	6.12	36415.48	293366.74	12.41
2004-05	22811.84	481371.53	4.74	41602.65	375339.51	11.08
2005-06	15977.75	574190.89	2.78	45710.97	456417.85	10.02
2006-07	23000.28	840506.30	2.74	57767.87	571779.27	10.10
2007-08	22549.81	1012311.69	2.23	74673.48	655863.51	11.39
2008-09	28719.24	1374435.37	2.09	81064.52	840755.05	9.64
2009-10	54365.29	1363735.54	3.99	84443.95	845533.63	9.99
2010-11	51073.97	1683466.96	3.03	113046.58	1136964.25	9.94
2011-12	70164.51	2345463.23	2.99	182801.00	1465959.39	12.47
2012-13	95718.89	2669161.95	3.59	227192.61	1634318.28	13.90
2013-14	85727.30	2715420.78	3.16	262778.54	1905011.08	13.79
2014-15	121319.02	2736676.99	4.43	239681.04	1896348.42	12.64
2015-16	140289.22	2490303.76	5.63	215396.32	1716384.39	12.55
2016-17	164726.83	2577671.14	6.39	226651.91	1849433.55	12.26
2017-18	152095.20	3001033.00	5.07	251563.94	1956514.52	12.86
2018-19	137019.46	3594674.22	3.81	274571.28	2307726.19	11.90
2019-20	147445.81	3360954.45	4.39	252976.06	2219854.17	11.40
2020-21	154510.72	2915958.00	5.30	308830.00	2159043.00	14.30

Source :- Directorate General of Commercial Intelligence & Statistics, Department of Commerce

2.59 : India's Imports of Principal Agricultural Commodities

 (Quantity: '000 tonnes)
 (Value in ₹ Crore)

Commodity	2009-10		2010-11		2011-12		2012-13		2013-14	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Tea	34.46	276.52	20.82	202.00	22.43	218.91	22.30	274.52	22.74	291.68
Coffee	40.88	297.34	41.63	295.00	46.06	469.52	71.20	795.72	59.94	729.02
Rice- Basmati	0.00	0.00	0.00	0.00	0.46	2.47	0.00	0.00	0.00	0.00
Rice (other than Basmati)	0.07	0.37	0.19	0.92	0.60	3.00	0.72	3.96	1.44	8.29
Wheat	164.38	231.90	185.28	255.84	0.02	0.08	2.94	6.03	11.27	26.92
Other cereals	33.69	76.33	30.68	59.53	15.36	30.04	45.58	111.01	22.32	98.03
Pulses	3749.99	10629.16	2777.83	7512.49	3495.84	9448.35	4013.24	13344.63	3177.89	11036.75
Tobacco unmanufactured	1.07	37.76	1.32	44.61	2.02	68.57	2.17	91.94	1.55	79.52
Tobacco manufactured	-	78.73	-	80.36	-	113.01	-	155.01	-	168.87
Spices	161.78	1476.04	124.49	1595.91	146.77	2284.85	175.56	2715.76	155.58	3451.69
Cashew	755.96	3047.50	529.73	2649.07	811.90	5381.43	898.52	5433.91	776.33	4667.80
Cashew nut shell liquid	0.00	0.00	0.04	0.07	0.20	0.32	0.14	0.33	0.38	2.08
Sesame seeds	9.23	53.26	8.73	37.66	0.61	3.93	38.05	296.03	72.93	808.64
Niger seeds	3.50	13.33	0.23	0.79	0.12	0.39	0.00	0.00	0.70	3.73
Groundnut	0.39	1.70	0.00	0.00	0.10	0.47	0.04	0.29	0.11	0.36
Other oil seeds	56.94	118.18	44.95	74.76	41.22	88.77	44.26	109.74	54.70	166.79
Vegetable oils	6734.45	22316.68	6039.02	25919.59	7081.98	38909.02	9606.24	53561.61	7942.90	44038.04
Oil meals	127.73	104.69	79.22	75.03	86.13	98.72	148.30	210.38	126.94	199.87
Guargam meal	0.07	2.41	0.09	2.66	0.30	9.90	0.57	33.61	0.38	21.85
Castor oil	0.06	0.44	0.01	0.91	0.06	1.29	0.14	2.23	0.07	2.04
Shellac	3.55	34.10	3.29	50.55	0.54	22.15	2.78	172.61	0.68	45.80
Sugar	2551.42	5965.80	1034.58	2789.54	99.71	313.83	1122.25	3094.38	880.96	2286.86
Mollases	45.54	32.29	7.29	6.15	12.40	4.35	14.68	7.50	15.07	8.93
Fruits / vegetable seeds	12.67	284.42	11.14	291.22	13.18	380.15	16.05	471.10	8.29	449.48
Fresh fruits	562.19	2843.47	630.23	3586.51	723.27	4610.84	802.14	6180.47	769.14	7715.96
Fresh vegetables Processed	5.40	8.14	16.61	40.60	5.04	7.31	7.03	11.24	25.98	41.67
vegetables Processed fruits	-	77.90	-	117.48	-	120.19	-	149.01	-	173.94
and juices Cereal	-	191.12	-	251.54	-	314.93	-	432.02	-	410.83
preparations Cocoa products	39.11	188.92	37.73	243.43	45.82	316.39	50.42	359.98	53.47	419.34
Milled products	25.23	376.08	33.80	584.21	5.08	934.32	53.33	1049.25	51.63	1071.55
Misc processed items Animal	2.49	9.76	3.74	10.96	2.88	11.88	4.52	23.75	3.98	22.01
casings	-	552.34	-	664.01	-	915.19	-	1268.33	-	1474.47
Buffalo meat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sheep/goat meat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other meat	0.04	1.22	0.03	0.80	0.01	0.21	0.02	1.52	0.06	5.13
Processed meat	0.33	6.67	0.35	7.01	0.54	12.48	0.43	15.71	0.36	15.80
Dairy products	1.41	9.79	0.78	7.56	0.96	9.74	0.57	9.02	0.39	7.64
Poultry products Floriculture	-	333.64	-	847.83	-	1219.41	-	184.25	-	232.68
products Alcoholic	-	26.72	-	14.46	-	19.72	-	18.29	-	23.39
beverages Marine products	-	45.88	-	45.48	-	68.64	-	85.67	-	112.19
Ayush and herbal products	-	1244.26	-	1029.13	-	1309.77	-	1416.77	-	2076.18
Jute, raw	27.35	303.09	28.35	429.04	34.22	569.53	28.10	452.70	31.22	411.01
Jute hessian	17.73	136.36	8.16	155.12	0.89	184.75	10.96	243.75	10.86	318.50
Cotton raw incld. Waste	62.66	149.49	83.30	302.49	181.26	449.17	148.73	370.79	52.65	146.25
Total Agricultural Imports	-	231.22	-	169.43	-	177.34	-	87.34	-	79.92
Total National Imports	-	1241.37	-	622.24	-	1059.19	232.55	2466.74	180.97	2375.78
	-	53056.37	-	51073.97	-	70164.51	-	95718.89	-	85727.30
	-	1363735.55	-	1683466.96	-	2345463.24	-	2669161.96	-	2715433.91
% Share of Agricultural Imports in National Imports	-	3.89	-	3.03	-	2.99	-	3.59	-	3.16

contd.

2.59 : India's Imports of Principal Agricultural Commodities-Contd.

 (Quantity: '000 tonnes)
(Value in ₹ Crore)

Commodity	2014-15		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21(P)	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
Tea	28.39	388.66	23.72	377.47	24.89	338.35	24.94	356.99	28.85	417.96	21.94	411.06	38.59	658.87
Coffee	74.88	930.47	65.61	801.83	78.04	926.81	77.22	996.50	82.77	958.59	88.09	962.16	78.50	900.56
Rice- Basmati	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Rice (other than Basmati)	1.96	10.83	1.02	5.91	1.14	7.25	2.12	12.18	6.87	32.14	5.64	78.75	4.76	24.67
Wheat	29.49	61.34	517.67	872.59	5749.43	8509.05	1649.73	2357.84	2.75	5.44	1.88	4.63	0.00	0.01
Other cereals	23.40	61.76	206.14	344.31	311.37	493.18	265.13	433.90	244.32	471.28	673.06	1221.12	134.79	331.10
Pulses	4584.85	17062.94	5797.71	25619.06	6609.49	28523.18	5607.53	18748.57	2527.88	8035.30	2898.08	10221.45	2466.16	11937.59
Tobacco unmanufactured	1.93	98.17	2.88	137.30	1.97	77.21	1.54	69.47	2.60	102.89	4.77	154.73	7.21	129.10
Tobacco manufactured	-	200.28	-	193.92	-	228.54	-	185.92	-	257.52	-	237.20		159.09
Spices	163.09	4393.25	197.06	5399.95	242.29	5760.25	222.33	6385.26	240.56	7932.70	320.94	10186.93	344.21	8070.53
Cashew	933.19	6599.74	961.67	8701.28	774.51	9027.09	654.02	9134.33	839.64	11162.32	941.42	9026.34	834.40	7491.21
Cashew nut shell liquid	1.72	10.03	1.86	5.60	1.69	3.67	2.09	5.66	6.61	21.05	8.67	22.94	2.20	7.17
Sesame seeds	34.77	379.99	23.60	179.66	69.03	442.15	26.27	176.77	87.54	875.17	146.99	1450.19	103.24	910.76
Niger seeds	0.70	3.73	5.78	44.14	10.66	82.82	5.33	29.00	8.66	40.62	4.70	24.43	5.92	40.71
Groundnut	0.13	0.49	0.11	0.31	0.33	1.39	1.72	13.04	1.09	8.14	1.95	11.47	1.04	7.95
Other oil seeds	51.56	163.29	62.51	218.62	116.64	392.36	127.35	364.59	220.48	745.35	410.94	1527.78	506.88	2165.28
Vegetable oils	12731.60	64889.60	15643.74	68676.62	14007.39	73038.98	15361.02	74995.91	15019.30	69023.79	14722.11	68558.16	13540.01	82123.26
Oil meals	165.10	272.65	256.55	429.91	550.43	974.59	485.96	746.67	504.00	869.56	859.80	1519.48	509.79	1017.61
Guargam meal	0.13	5.72	0.63	13.93	0.18	2.41	0.43	3.30	0.72	5.90	2.15	25.90	0.37	11.02
Castor oil	0.05	1.81	0.03	1.10	0.11	1.50	0.04	2.54	0.22	5.32	0.14	8.03	0.16	10.13
Shellac	1.77	59.54	0.71	19.48	0.46	13.43	0.00	18.38	0.64	19.35	0.85	23.49	0.64	21.22
Sugar	1538.64	3668.21	1943.13	4037.86	2146.15	6868.61	6.87	6035.84	1490.61	3175.39	1117.73	2473.25	1964.00	4720.01
Mollases	60.28	30.14	17.27	7.50	13.84	9.04	0.01	69.29	4.47	1.38	31.72	10.21	1.65	0.92
Fruits / vegetable seeds	14.01	611.53	14.33	703.03	14.07	653.33	0.00	768.26	19.73	835.81	17.78	851.79	24.98	1060.24
Fresh fruits	900.98	9566.81	857.90	11071.57	1057.51	11290.62	11.29	12524.55	1124.18	13931.65	993.73	14137.09	1211.83	15764.86
Fresh vegetables	8.24	11.14	140.73	394.45	8.55	11.12	0.01	25.64	14.75	24.22	150.10	594.82	72.90	225.57
Processed vegetables	10.96	104.45	15.38	120.33	13.32	115.26	0.00	134.83	18.10	161.83	33.62	253.68	18.27	163.52
Processed fruits and juices	33.55	499.54	40.49	526.49	42.99	548.10	0.00	803.81	59.12	909.34	54.10	771.22	44.44	662.92
Cereal preparations	72.72	583.93	61.70	575.42	66.46	579.03	0.58	659.68	90.58	971.36	95.94	1007.66	113.33	1212.15
Cocoa products	65.39	1551.63	56.42	1398.91	63.61	1542.28	0.00	1473.10	87.60	1845.89	85.28	1833.97	89.09	2021.27
Milled products	3.47	17.72	4.39	21.40	3.56	16.22	0.00	13.02	4.18	15.60	4.33	16.11	2.53	10.17
Misc processed items	-	1785.23	-	1811.12	-	2115.82	-	2249.73	-	2560.20	-	2635.85		2266.48
Animal casings	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.49
Buffalo meat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Sheep/goat meat	0.09	8.73	0.05	4.80	0.13	8.50	0.01	13.36	0.12	10.83	0.16	13.21	0.01	0.94
Other meat	0.47	19.50	0.50	17.18	0.59	19.03	0.02	27.80	0.88	30.65	0.95	32.82	0.50	17.50
Processed meat	0.17	5.17	0.07	2.75	0.13	4.47	0.00	3.22	0.12	4.14	0.12	4.52	0.14	5.12
Dairy products	43.84	375.01	18.30	371.58	16.91	254.84	0.00	312.59	13.64	254.12	20.42	371.68	18.53	364.51
Poultry products	-	38.22	-	26.42	-	29.46	-	26.87	-	41.80	-	40.44		25.75
Floriculture products	4.82	113.37	4.77	114.40	5.57	133.81	0.00	136.46	6.37	174.09	7.20	229.64	3.96	160.38
Alcoholic beverages	-	2508.66	-	2935.85	-	3590.33	-	3876.14	-	4678.72	-	4643.52		4036.60
Marine products	27.72	453.90	50.35	639.77	52.02	633.39	44.71	793.30	56.93	1088.13	72.41	1290.17	101.42	1668.85
Ayush and herbal products	23.48	352.58	11.67	354.35	11.36	358.87	13.64	392.72	20.14	510.23	41.21	598.49	76.35	797.04
Jute, raw	44.00	139.58	88.37	363.44	138.84	704.13	68.14	289.02	57.25	235.86	77.18	350.39	28.88	179.28
Jute hessian	-	177.79	-	181.41	-	57.45	-	122.38	-	184.40	-	237.83		267.11
Cotton raw incld. Waste	289.39	3101.92	233.14	2566.21	499.62	6338.92	469.13	6306.77	299.27	4383.40	744.33	9371.21	231.36	2861.19
Total Agricultural Imports	-	121319.02	-	140289.22	-	164726.83	-	152095.20	-	137019.46	-	147445.81		154510.72
Total National Imports	-	2736676.99	-	2490303.76	-	2577671.14	-	3001028.71	-	3594674.22	-	3360954.45		2915958.0
% Share of Agricultural Imports in National Imports	-	4.43	-	5.63	-	6.39	-	5.07	-	3.81	-	4.39		5.30

Source :- Directorate General of Commercial Intelligence & Statistics, Department of Commerce.

2.60: India's Exports of Principal Agricultural Commodities

 (Quantity: '000 tonnes)
(Value in ₹ Crore)

Commodity	2009-10		2010-11		2011-12		2012-13		2013-14	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Tea	207.83	2943.53	238.15	3354.34	271.98	4078.53	268.80	4718.79	249.91	4873.34
Coffee	157.13	2032.06	231.00	3009.91	276.52	4534.62	254.02	4711.07	253.90	4799.10
Rice- Basmati	2016.87	10889.60	2330.25	11354.63	3169.45	15449.60	3459.83	19409.39	3754.10	29291.82
Rice (other than Basmati)	139.55	365.30	100.68	231.29	3991.77	8659.13	6687.85	14448.81	7148.47	17795.21
Wheat	0.03	0.05	0.40	0.70	749.63	1023.20	6514.82	10529.00	5572.03	9277.65
Other cereals	2881.22	2973.19	3220.09	3648.49	4072.57	5492.92	5441.31	8180.61	4637.54	7178.14
Pulses	100.13	408.32	209.02	870.04	173.50	1067.93	202.67	1284.99	345.55	1748.81
Tobacco unmanufactured	230.80	3621.44	215.88	3151.58	197.17	2899.46	230.41	3815.76	237.11	4782.74
Tobacco manufactured	-	722.96	-	833.61	-	1106.96	-	1214.47	-	1351.72
Spices	601.40	5948.73	688.39	7886.51	858.20	13102.50	932.59	15176.75	896.57	15146.36
Cashew	107.47	2801.58	92.38	2819.39	107.81	4390.16	104.09	4067.21	120.74	5095.49
Cashew nut shell liquid	11.23	27.62	11.92	33.77	13.19	59.46	9.19	29.84	9.48	38.61
Sesame seeds	215.69	1494.10	360.13	2307.52	388.23	2641.66	299.48	2880.85	257.44	3583.46
Niger seeds	6.00	24.23	12.86	44.51	28.23	117.27	17.90	90.13	20.84	113.61
Groundnut	340.26	1425.93	433.76	2178.41	832.62	5246.45	535.64	4065.36	509.75	3187.66
Other oil seeds	49.79	139.36	42.82	113.40	61.81	201.43	87.59	414.61	194.46	945.53
Vegetable oils	14.75	182.90	13.71	114.62	29.67	269.10	36.09	469.35	23.01	324.82
Oil meals	4671.14	7831.79	6945.17	11069.58	7405.19	11796.46	6578.17	16519.53	6576.51	17070.13
Guargam meal	217.41	1133.31	421.43	2938.70	702.73	16523.87	406.32	21287.00	601.97	11735.39
Castor oil	397.99	2179.28	424.46	2982.92	492.63	4571.67	565.99	4309.82	544.80	4364.33
Shellac	4.04	71.30	4.33	140.07	4.34	256.79	3.60	401.74	7.75	514.03
Sugar	44.74	110.21	1733.87	5472.79	2749.43	8766.78	2793.78	8576.32	2477.64	7178.50
Mollases	31.10	19.77	371.93	214.09	384.13	204.33	342.15	223.03	211.65	147.29
Fruits / vegetable seeds	8.43	145.08	11.62	184.92	15.21	287.76	17.17	347.72	19.34	416.58
Fresh fruits	475.76	1524.21	446.76	1355.19	488.00	1937.22	534.62	2686.57	525.22	3645.62
Fresh vegetables	2032.40	3014.32	1660.25	2620.48	2040.45	3023.31	2343.88	3407.19	2291.75	5384.47
Processed vegetables	-	743.12	-	747.92	-	1043.72	-	1102.56	-	1288.86
Processed fruits and juices	-	1904.18	-	1859.96	-	2277.04	-	2577.32	-	3332.05
Cereal preparations	172.20	1030.09	213.58	1264.15	299.62	1888.62	292.69	2240.76	319.55	2856.26
Cocoa products	5.86	96.99	9.08	126.97	16.68	175.98	19.08	293.92	16.23	573.22
Milled products	72.74	153.63	99.10	197.06	171.12	358.92	273.55	603.61	419.26	1008.00
Misc processed items	-	838.19	-	1065.48	-	1434.17	-	1853.98	-	2531.48
Animal casings	1.72	32.82	1.80	33.24	1.01	33.98	0.65	21.46	0.35	28.46
Buffalo meat	490.40	5481.43	726.66	8613.31	984.96	13741.11	1076.10	17408.99	1365.64	26457.82
Sheep/goat meat	53.07	745.94	12.30	258.83	10.94	252.83	15.29	426.47	22.61	694.12
Other meat	1.17	10.75	1.03	9.51	0.32	3.67	0.19	2.33	0.27	3.40
Processed meat	0.67	8.79	0.92	13.96	0.58	9.50	0.80	9.37	0.51	7.68
Dairy products	-	796.99	-	1216.76	-	647.79	-	2324.68	-	4407.78
Poultry products	-	372.53	-	314.33	-	458.05	-	494.93	-	566.80
Floriculture products	-	294.46	-	296.04	-	365.32	-	423.45	-	455.90
Alcoholic beverages	-	584.87	-	819.86	-	1469.07	-	1932.45	-	2429.67
Marine products	698.45	9899.98	785.07	11917.11	902.41	16584.71	965.10	18841.20	1000.82	30627.28
Ayush and herbal products	59.05	1247.05	70.58	1346.99	73.77	1696.97	84.49	2120.36	76.72	2208.55
Jute, raw	48.32	54.40	36.02	128.33	28.11	80.92	33.80	95.67	44.02	113.35
Jute hessian	-	307.63	-	722.87	-	945.83	-	876.68	-	859.59
Cotton raw incld. Waste	-	9537.08	-	13162.42	-	21624.24	-	20276.51	1947.70	22337.84
Total Agricultural Exports	-	86171.10	-	113046.58	-	182801.00	-	227192.61	-	262778.54
Total National Exports	-	845533.64	-	1136964.22	-	1465959.31	-	1634318.29	-	1905011.00
% Share of Agricultural Exports in National Exports	-	10.19	-	9.94	-	12.47	-	13.90	-	13.79

contd.

2.60: India's Exports of Principal Agricultural Commodities -Contd.

 (Quantity: '000
tonnes)(Value in ₹

Commodity	2014-15		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21(P)	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
Tea	234.39	4171.25	245.70	4719.00	243.43	4905.64	272.89	5396.65	270.31	5828.34	254.80	5851.11	212.69	5603.50
Coffee	463.55	4973.25	255.74	5125.45	288.61	5646.43	317.83	6245.36	282.84	5721.98	257.03	5236.76	245.21	5339.65
Rice- Basmati	3698.93	27586.71	4045.83	22718.60	3985.21	21512.91	4056.85	26870.67	4414.61	32804.30	4454.77	31026.33	4630.21	29847.70
Rice (other than Basmati)	8302.21	20441.55	6464.59	15483.39	6770.83	16929.88	8818.53	23437.23	7648.00	21171.17	5056.28	14400.32	13149.21	35557.03
Wheat	2924.05	4991.81	666.68	1061.77	265.61	447.85	322.79	624.37	226.63	424.47	219.69	444.20	2154.97	4173.08
Other cereals	3515.35	5262.16	967.93	1702.50	734.77	1425.77	864.24	1604.28	1257.24	2426.07	501.12	1454.71	3075.66	5198.42
Pulses	222.14	1218.31	255.72	1655.90	136.72	1277.70	179.60	1469.63	287.13	1801.51	232.08	1511.80	276.93	1977.63
Tobacco unmanufactured	219.57	4162.71	215.32	4373.45	204.45	4249.85	185.36	3828.13	189.55	3984.53	181.84	3761.37	178.30	3840.46
Tobacco manufactured	-	1705.88	-	2078.91	-	2174.12	-	2193.58	-	2874.07	-	2648.02	-	2656.53
Spices	939.01	14847.74	831.68	16630.14	1014.45	19111.25	1096.32	20084.91	1133.89	23217.77	1193.44	25642.04	1607.06	29529.39
Cashew	134.57	5565.85	103.13	5027.99	91.79	5278.61	90.06	5945.28	78.22	4579.17	84.37	4018.35	70.11	3112.22
Cashew nut shell liquid	10.94	55.81	11.68	57.59	11.40	43.99	8.33	32.63	5.30	26.91	4.61	23.09	3.74	19.72
Sesame seeds	375.66	4717.77	328.46	3012.31	307.33	2695.84	336.85	2990.93	312.00	3761.62	282.26	3723.31	273.26	3159.47
Niger seeds	18.16	108.96	14.12	123.27	14.07	117.22	9.22	69.86	13.37	95.50	13.83	106.01	19.59	160.23
Groundnut	788.31	4675.37	542.73	4075.63	725.71	5444.33	504.04	3386.30	489.19	3297.32	664.44	5096.39	638.32	5380.24
Other oil seeds	247.54	1135.36	204.62	964.47	193.27	846.58	295.10	1126.32	213.84	926.75	89.64	437.42	84.57	455.63
Vegetable oils	423.72	580.13	30.60	522.94	60.47	779.97	37.06	566.04	49.96	744.58	85.24	1208.65	302.22	4453.17
Oil meals	3904.59	8129.18	2056.36	3599.56	2632.26	5410.10	3570.78	7043.15	4493.29	10557.48	2655.79	5861.35	4366.55	11688.56
Guargam meal	665.11	9478.26	325.25	3233.87	419.95	3106.62	494.13	4169.56	513.22	4707.05	381.88	3261.60	234.88	1949.09
Castor oil	566.46	4710.42	586.78	4616.10	599.20	4521.51	697.09	6730.00	619.38	6170.12	593.91	6323.84	734.34	6801.99
Shellac	5.24	267.47	6.39	203.31	6.06	225.53	6.53	285.18	7.00	304.79	7.17	411.94	7.88	649.83
Sugar	1955.19	5328.83	3844.45	9824.52	2544.01	8659.54	1757.93	5225.60	3989.66	9523.14	5798.53	13981.56	7517.92	20668.57
Mollases	247.61	193.01	818.57	656.84	390.67	314.94	123.97	97.45	845.96	586.80	593.62	517.51	1317.68	1316.22
Fruits / vegetable seeds	12.50	427.04	13.10	529.19	11.29	522.75	14.47	670.91	17.53	866.31	19.22	771.66	32.29	929.63
Fresh fruits	539.23	3160.08	654.66	4191.24	817.06	4974.21	714.00	4913.28	823.09	5538.15	834.84	5496.38	973.18	5668.75
Fresh vegetables	2081.80	4666.45	2104.36	5237.10	3404.07	5790.71	2448.02	5297.72	3192.49	5679.10	1930.51	4617.34	2339.68	5388.03
Processed vegetables	186.04	1721.89	174.43	1697.22	192.86	1765.75	212.20	1823.36	228.97	2055.41	223.31	2212.03	367.10	3150.06
Processed fruits and juices	588.38	3626.86	532.29	3767.08	533.15	3921.08	573.28	4169.13	594.49	4481.25	568.88	4590.96	532.87	5150.80
Cereal preparations	313.67	3036.64	316.54	3358.12	339.95	3565.55	353.35	3561.69	347.81	3859.46	342.65	3885.30	403.99	4714.68
Cocoa products	33.37	848.66	32.65	1267.61	25.65	1086.77	29.58	1144.35	27.61	1350.86	27.43	1274.69	25.78	1108.38
Milled products	420.85	1030.61	431.46	1102.73	255.80	813.54	270.40	876.62	307.42	1063.03	286.45	1074.62	397.06	1536.27
Misc processed items	-	2772.44	-	2907.85	-	3053.79	-	3548.95	-	4613.38	-	4586.80	-	6402.84
Animal casings	0.26	19.33	0.21	17.02	0.17	13.84	12.42	327.44	14.88	480.66	12.82	398.50	13.89	416.54
Buffalo meat	1503.51	29282.58	1314.22	26684.22	1323.58	26161.38	1350.25	26035.19	1233.38	25091.43	1152.32	22661.12	1085.61	23459.89
Sheep/goat meat	23.61	828.11	21.95	837.76	22.01	869.84	22.80	843.61	21.67	867.53	14.37	654.05	7.11	330.45
Other meat	0.26	2.67	0.00	0.00	0.01	0.21	0.45	7.00	0.85	13.73	1.05	16.57	0.89	18.06
Processed meat	0.41	14.20	0.28	6.16	0.14	4.58	0.27	9.89	0.41	13.92	0.44	15.25	0.78	12.65
Dairy products	104.17	2169.03	77.53	1677.46	90.35	1701.18	102.26	1954.63	180.69	3375.73	111.17	1983.84	118.33	2391.20
Poultry products	-	651.19	-	769.14	-	530.44	-	552.09	-	687.22	-	574.65	-	435.50
Floriculture products	22.95	460.80	22.69	483.41	22.02	546.71	20.70	507.32	19.69	571.43	16.95	541.61	15.70	575.99
Alcoholic beverages	-	2264.89	-	2030.92	-	2004.79	-	2105.78	-	2103.97	-	1649.31	-	2446.82
Marine products	1231.81	33688.38	978.04	31219.48	1185.27	39593.78	1432.46	47646.41	1672.39	47664.94	1329.03	47618.10	1167.76	44175.75
Ayush and herbal products	92.06	2169.49	95.88	2385.49	83.36	2693.57	89.10	2940.06	108.05	3127.26	92.24	3033.04	120.56	3997.05
Jute, raw	37.39	119.20	25.11	113.58	18.18	76.63	27.20	95.43	25.65	107.74	21.66	103.48	30.56	191.49
Jute hessian	-	770.08	-	824.89	-	927.32	-	909.94	-	795.77	-	729.54	-	803.88
Cotton raw incl. Waste	1142.53	11642.64	1347.07	12821.13	996.09	10907.32	1101.47	12200.05	1143.07	14627.55	657.81	7539.53	1213.98	13968.38
Total Agricultural Exports	-	239681.04	-	215396.32	-	226651.91	-	251563.94	-	274571.28	-	252976.06	-	308830.00
Total National Exports	-	1896348.42	-	1716384.40	-	1849433.55	-	1956514.53	-	2307726.19	-	2219854.17	-	2159043.00
% Share of Agricultural Exports in National Exports	-	12.64	-	12.55	-	12.26	-	12.86	-	11.90	-	11.40	-	14.30

Source :- Directorate General of Commercial Intelligence & Statistics, Department of Commerce.

2.61 : Tariffs and Bound Rates on Major Agricultural Commodities / Groups

(As on 28.10.2021)

Item description		Prevailing Basic Customs Duty(BCD) in % (as on 28.10.2021)	Agriculture Infrastructure and Development Cess(AIDC) in % (as on 28.10.2021)	Bound duty (%)
(1)	(2)	(3)	(4)	(5)
I. Cereals and Pulses				
1	Pulses	Chickpeas-10%, Bengal Gram-10%, Kabuli Chana-10%, Tur-10%, Yellow Peas-10%, Lentils- Nil, Rest- Nil	Chickpeas-50%, Bengal Gram- 50%,Kabuli Chana -30%, Yellow Peas-40%, Lentils -10%, Rest Nil	Peas: 50, Rest: 100
2	Wheat	40%	Nil	100%
3	Maize (Corn) seed	50%	Nil	70%
4	Rice in the husk	80%	Nil	80%
5	Husked (brown) rice; broken rice	80%	Nil	80%
6	Semi-milled or wholly milled rice whether or not	70%	Nil	70%
7	polished Jowar	50%	Nil	70%
8	Bajra	50%	Nil	70%
9	Ragi	50%	Nil	70%
10	Sorghum	50%	Nil	80%
11	Buck wheat	Nil	Nil	100%
12	Other cereals (Rye, Barley etc.)	Nil	Nil	100%
II. Cereals Products				
1	Atta	30%	Nil	150%
2	Maida	30%	Nil	150%
3	Sooji	30%	Nil	150%
4	Wheat and potato starch	30%	Nil	35%
5	Flour, meal and powder of dried leguminous	30%	Nil	150%
6	vegetables including sago, tamarind and mango	50%	Nil	100%
7	Other starches	30%	Nil	100%
8	Roasted malt	30%	Nil	40%
	Unroasted malt			
III Dairy Products				
1	Fresh milk and cream	30%	Nil	100* (varies with fat content)
2	Butter and melted butter	40%	Nil	40%
3	(ghee) Cheese	30%	Nil	40%
4	Milk powder	60%	Nil	60%
5	Yoghurt	30%	Nil	150%
IV Plantation Crops				
1	Tea	100%	Nil	150
		100%	Nil	%100% for non-
2	Coffee			decaffeinated and 150%
3	Coconut	70%	Nil	for decaffeinated. 100%
4	Copra	70%	Nil	100%
5	Cassia and	30%	Nil	100%
6	cinnamon Cloves	35%	Nil	100%
7	Other Spices	30%	Nil	150%
V. Meat & Poultry				
1	Chicken sausages	100%	Nil	150%
2	Chicken leg (processed)	100%	Nil	150%
3	Meat of chicken, not cut in pieces	30%	Nil	100%
4	Meat of bovine animals, fresh or	30%	Nil	100%
5	chilled Other meat and offal	30%	Nil	100%
6	Processed hams	30%	Nil	55%
		Atlantic salmon:		
7	Fish	10%, Others: 30%	Nil	U
VI. Raw/ White/ Refined Sugar				
		100%	Nil	150%
VII. Horticulture				
1	Apples	15%	35%	50%
2	Grapefruit	30%	Nil	40%
3	Strawberries	30%	Nil	100%
4	Dried apricots	30%	Nil	150%
5	Banana	30%	Nil	100%
6	Pears and Quinces (fresh)	35%	Nil	-
7	Oranges; lemons and limes; fresh grapes	30%	Nil	40%
8	Fresh pomegranates, lichi, tamarind (fresh), custard	15%	Nil	100%
9	apple Garlic	100%	Nil	100%
10	Onions & Shallots	Nil	Nil	100%
11	Mushrooms	30%	Nil	35%

contd...

2.61 : Tariffs and Bound Rates on Major Agricultural Commodities / Groups -Contd.
(As on 28.10.2021)

S.No	Item description	Previling Basic Customs Duty(BCD) in % (as on 28.10.2021)	Agriculture Infrastructure and Development Cess(AIDC) in % (as on 28.10.2021)	Bound duty (%)
(1)	(2)	(3)	(4)	(5)
12	Potato (fresh or chilled)	30%	Nil	100%
13	Sweet Potato	30%	Nil	150%
14	Frozen vegetables-peas, beans, spinach, sweet corn etc.	30%	Nil	150%
15	Other edible roots and tubers with high starch or insulin content, fresh or chilled (cassava)	30%	Nil	150%
16	Other vegetables (mixture of vegetables)	30%	Nil	35%
17	Areca nut	100%	Nil	100%
18	Hop cones (ground, powdered or in pellets)	30%	Nil	75%
19	Hop cones (other than ground, powdered or in pellets) Betel	30%	Nil	100%
20	leaves	5%	Nil	100%
21	Planting materials of oilseeds	15%/30	Nil	100%
22	Oilseeds, misc grains, seeds of fruits, industrial or medicinal plants (other than the kind used for sowing and hop cones)	%		
23	Basil, hyasop, rosemary, sage, savory, comboge fruit rind	15%	Nil	100%
24	Apricot, peach, cherries	30%	Nil	100%
25	Seeds of a kind used for sowing (other than vegetable seeds)	Others-15 %	Nil	100%
26	Vegetable seeds	5%	Nil	100%
27	Oil-cake and oil-cake meal solvent extracted (defatted) varieties of coconut/copra' oil-cake and oil-cake meal expeller variety of conconut/copra.other residue of coconut/ copra	15%	Nil	100%
VIII.	Edible Oils (Crude)			
1	Soybean Oil	Nil	5%	45%
2	Palm Oil	Nil	7.50%	300%
3	Groundnut Oil	35%	Nil	300%
4	Sunflower	Nil	5%	300%
5	Safflower	35%	Nil	
6	Coconut Oil	35%	Nil	300%
7	Rapeseed Oil	35%	Nil	75%
8	Colza or Mustard Oil	35%	Nil	75%
9	Castor Oil/ Tung Oil	35%	Nil	100%
10	Other Oils	35%	Nil	300%
11	Safflower	35%	Nil	300%
IX	Edible Oils (Refined)			
1	Soybean Oil	17.50	Nil	45%
2	RBD Palmolein	17.50%	Nil	300%
3	Palm Oil	17.50%	Nil	300%
4	Groundnut Oil Sunflower	45%	Nil	300%
5	Coconut Oil Edible	17.50	Nil	300%
6	grade Coconut Oil Other	45%	Nil	300%
7	Rapeseed Oil	45%	Nil	300%
8	Colza or Mustard Oil	45%	Nil	75%
9	Castor Oil/ Tung Oil	45%	Nil	75%
10	Safflower	45%	Nil	100%
11	Other Oils edible grade	45%45%	Nil	300%
12		(40% for olive oil)	Nil	300% (40% for olive oil)

Source : Department of Revenue, Ministry of Finance.

2.62 (a): Statement on financial year-wise FDI equity inflows from April 2001 to September 2021 in agriculture services sector

S. No.	Year	FDI (in US\$ million)
(1)	(2)	(3)
1	2001-02 (Apr-Mar)	14.06
2	2002-03	11.01
3	2003-04	0.59
4	2004-05	3.83
5	2005-06	9.08
6	2006-07	12.53
7	2007-08	58.13
8	2008-09	5.35
9	2009-10	1222.22
10	2010-11	43.9
11	2011-12	49.02
12	2012-13	161.47
13	2013-14	91.01
14	2014-15	59.95
15	2015-16	84.65
16	2016-17	76.43
17	2017-18	110.19
18	2018-19	88.76
19	2019-20	52.19
20	2020-21	117.1
21	2021-22 (Apr-Sep)	41.63
Grand Total		2313.09

Source :DPIIT, Ministry of Commerce & Industry

2.62 (b): Statement on State-wise FDI equity inflows from October 2019 to September 2021 in Agriculture Services Sector

Sr. No.	State Name	Amount of FDI Equity Inflows (In US\$ Million)	%age with Inflows
(1)	(2)	(3)	(4)
1	ANDHRA PRADESH	0.12	0.06
2	BIHAR	39.5	21.03
3	DELHI	14.61	7.78
4	GUJARAT	30.49	16.23
5	HARYANA	1.24	0.66
6	HIMACHAL PRADESH	0.92	0.49
7	KARNATAKA	16.5	8.78
8	KERALA	0.86	0.46
9	MADHYA PRADESH	0.49	0.26
10	MAHARASHTRA	11.06	5.89
11	ORISSA	0.01	0.01
12	PUNJAB	0.25	0.13
13	RAJASTHAN	0.11	0.06
14	TAMIL NADU	20.07	10.69
15	TELANGANA	49.44	26.32
16	UTTAR PRADESH	1.78	0.95
17	WEST BENGAL	0.38	0.2
	Gross-Total	187.85	

Source :DPIIT, Ministry of Commerce & Industry

2.63: Wholesale Price Index and Growth Rate (Inflation) of Foodgrains (Base:2011-12=100)

Commodity	Weight	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
All Commodities	100.00	106.9	112.5	113.9	109.7	111.6	114.9	119.8	121.8	123.4
			(5.2)	(1.2)	(-3.7)	(1.7)	(3)	(4.3)	(1.7)	(1.31)
(A) Primary Articles	22.62	111.4	122.4	125.1	124.6	128.9	130.6	134.2	143.3	145.7
			(9.9)	(2.2)	(-0.4)	(3.5)	(1.3)	(2.8)	(6.8)	(1.7)
(B) Fuel & Power	13.15	107.1	114.7	107.7	86.5	86.3	93.3	104.1	102.2	94.0
			(7.1)	(-6.1)	(-19.7)	(-0.2)	(8.1)	(11.6)	(-1.8)	(-8.0)
(C) Manufactured Products	64.23	105.3	108.5	111.2	109.2	110.7	113.8	117.9	118.3	121.5
			(3.0)	(2.5)	(-1.8)	(1.4)	(2.8)	(3.6)	(0.3)	(2.7)
Foodgrains (Cereals+Pulses)	3.46	115.1	124.5	128.4	137.3	152.0	142.6	146.7	159.6	159.3
			(8.2)	(3.1)	(6.9)	(10.7)	(-6.2)	(2.9)	(8.8)	(-0.2)
(a) Cereals	2.82	114.1	126.6	129.9	131.3	142.7	143.1	151.0	162.3	158.1
			(11.0)	(2.6)	(1.1)	(8.7)	(0.3)	(5.5)	(7.5)	(-2.6)
Rice	1.43	113.2	129.1	136.6	134.7	143.6	149.4	155.3	160.5	163.5
			(14.0)	(5.8)	(-1.4)	(6.6)	(4.0)	(3.9)	(3.3)	(1.9)
Wheat	1.03	115.3	124.9	123.4	128.4	142.1	138.7	149.4	159.2	152.9
			(8.3)	(-1.2)	(4.1)	(10.7)	(-2.4)	(7.7)	(6.6)	(-4.0)
Jowar	0.07	96.8	100.4	115.8	113.9	124.5	123.4	130.3	161.1	154.3
			(3.7)	(15.3)	(-1.6)	(9.3)	(-0.9)	(5.6)	(23.6)	(-4.2)
Bajra	0.09	120.0	133.0	129.6	133.8	155.1	139.1	150.4	193.7	161.2
			(10.8)	(-2.6)	(3.2)	(15.9)	(-10.3)	(8.1)	(28.8)	(-16.8)
Maize	0.19	116.0	123.1	118.5	125.5	137.0	124.7	133.2	175.4	143.3
			(6.1)	(-3.7)	(5.9)	(9.2)	(-9.0)	(6.8)	(31.7)	(-18.3)
Barley	0.01	115.6	119.2	126.8	129.1	155.2	140.6	149.8	172.9	154.6
			(3.1)	(6.4)	(1.8)	(20.2)	(-9.4)	(6.5)	(15.4)	(-10.6)
Ragi	0.01	139.9	167.5	161.0	161.0	198.6	234.1	214.7	220.9	228.3
			(19.7)	(-3.9)	(0.0)	(23.4)	(17.9)	(-8.3)	(2.9)	(3.4)
(b) Pulses	0.64	120.0	114.9	121.7	164.0	192.8	140.5	127.3	147.6	164.7
			(-4.3)	(5.9)	(34.8)	(17.6)	(-27.1)	(-9.4)	(15.9)	(11.6)
Gram	0.26	135.3	109.4	103.0	142.0	219.2	164.8	135.7	145.1	153.2
			(-19.1)	(-5.9)	(37.9)	(54.4)	(-24.8)	(-17.7)	(6.9)	(5.6)
Arhar	0.13	109.8	118.0	128.1	193.2	181.1	116.8	118.2	149.8	165.9
			(7.5)	(8.6)	(50.8)	(-6.3)	(-35.5)	(1.2)	(26.8)	(10.8)
Moong	0.07	108.6	122.6	145.7	165.2	136.8	114.0	119.6	142.8	170.0
			(12.9)	(18.8)	(13.4)	(-17.2)	(-16.7)	(4.9)	(19.4)	(19.1)
Masur	0.05	115.5	132.9	153.9	188.0	176.9	135.4	122.9	139.8	160.3
			(15.1)	(15.8)	(22.2)	(-5.9)	(-23.5)	(-9.2)	(13.8)	(14.7)
Urad	0.09	96.6	100.4	124.1	180.0	201.6	128.2	114.3	149.4	186.7
			(3.9)	(23.6)	(45.0)	(12.0)	(-36.4)	(-10.8)	(30.7)	(25.0)
Peas/Chawali	0.02	131.1	137.5	132.7	132.8	141.3	135.7	165.4	188.7	196.7
			(4.9)	(-3.5)	(0.1)	(6.4)	(-4.0)	(21.9)	(14.1)	(4.2)
Rajma	0.01	151.0	176.4	164.7	155.5	159.6	151.4	132.8	137.4	158.9
			(16.8)	(-6.6)	(-5.6)	(2.6)	(-5.1)	(-12.3)	(3.4)	(15.7)
Sugar	1.06	111.7	107.0	105.6	95.2	122.6	126.8	113.2	117.6	117.3
			(-4.2)	(-1.3)	(-9.8)	(28.8)	(3.4)	(-10.7)	(3.9)	(-0.3)
Gur	0.02	112.0	116.2	116.7	109.9	123.1	133.1	124.9	131.0	132.9
			(3.8)	(0.4)	(-5.8)	(12.0)	(8.1)	(-6.2)	(4.9)	(1.5)
Food Articles	15.26	110.9	124.5	131.5	134.9	140.3	143.2	143.7	155.8	160.7
			(12.3)	(5.6)	(2.6)	(4.0)	(2.1)	(0.3)	(8.4)	(3.2)
Non-Food Articles	4.12	113.3	118.4	115.1	118.2	122.2	119.6	123.1	128.7	130.5
			(4.5)	(-2.8)	(2.7)	(3.4)	(-2.1)	(2.9)	(4.6)	(1.4)

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

Note: Figures in the parentheses show percentage Growth Rate (inflation) of WPI

2.64: Wholesale Price Index and Growth Rate (Inflation) of Commercial Crops (Base:2011-12=100)-Contd.

Commodity	Weight	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
A. Oil Seeds	1.12	126.8	125.6	129.2	136.6	136.0	129.9	140.5	151.4	161.7
			(-0.9)	-2.9	(5.7)	(-0.4)	(-4.5)	(8.2)	(7.8)	(6.8)
Groundnut Seed	0.27	120.5	108.2	106.9	127.9	138.2	122.5	118.3	142.5	154.8
			(-10.2)	(-1.2)	(19.6)	(8.1)	(-11.4)	(-3.4)	(20.5)	(8.6)
Rape & Mustard Seed	0.25	131.1	119.1	122.7	145.9	149.4	134.1	142.2	145.1	163.7
			(-9.2)	(3.0)	(18.9)	(2.4)	(-10.2)	(6.0)	(2.0)	(12.8)
Cotton Seed	0.01	108.7	116.2	117.4	136.4	160.2	143.8	139.4	149.7	158.8
			(6.9)	(1.0)	(16.2)	(17.4)	(-10.2)	(-3.1)	(7.4)	(6.1)
Copra (Coconut)	0.07	80.8	101.4	156.9	132.5	111.1	179.7	210.1	189.2	194.0
			(25.5)	(54.7)	(-15.6)	(-16.2)	(61.7)	(16.9)	(-9.9)	(2.5)
Gingelly Seed (Sesamum)	0.01	139.8	154.5	133.7	111.1	118.6	121.6	148.6	175.2	182.3
			(10.5)	(-13.5)	(-16.9)	(6.8)	(2.5)	(22.2)	(17.9)	(4.1)
Linseed	0.01	125.4	126.4	127.3	132.5	167.6	155.5	146.2	161.5	171.6
			(0.8)	(0.7)	(4.1)	(26.5)	(-7.2)	(-6.0)	(10.5)	(6.3)
Castor Seed	0.10	84.7	85.1	93.8	89.5	85.0	103.1	111.2	115.4	103.2
			(0.5)	(10.2)	(-4.6)	(-5.0)	(21.3)	(7.9)	(3.8)	(-10.6)
Niger Seed	0.00	118.4	115.9	127.3	222.8	207.6	201.3	145.1	169.9	191.0
			(-2.1)	(9.8)	(75.0)	(-6.8)	(-3.0)	(-27.9)	(17.1)	(12.4)
Safflower (Kardi Seed)	0.00	114.4	113.7	99.0	107.4	114.0	135.0	145.0	185.3	162.2
			(-0.6)	(-12.9)	(8.5)	(6.1)	(18.4)	(7.4)	(27.8)	(-12.5)
Sunflower	0.02	112.0	114.3	108.7	114.5	111.5	99.8	112.7	121.1	129.6
			(2.1)	(-4.9)	(5.3)	(-2.6)	(-10.5)	(12.9)	(7.5)	(7.0)
Soybean	0.38	149.4	157.5	154.6	151.1	143.8	129.9	150.1	164.0	174.6
			(5.4)	(-1.8)	(-2.3)	(-4.8)	(-9.7)	(15.6)	(9.3)	(6.5)
a1 Manufacture of vegetable and animal oils and fats	2.64	106.3	104.0	102.0	98.7	107.0	109.4	117.6	119.3	143.5
			(-2.2)	(-1.9)	(-3.2)	(8.4)	(2.2)	(7.5)	(1.4)	(20.3)
Mustard Oil	0.18	116.9	105.8	109.4	124.5	124.7	118.1	124.5	126.2	159.0
			(-9.5)	(3.4)	(13.8)	(0.2)	(-5.3)	(5.4)	(1.4)	(26.0)
Rapeseed Oil	0.01	114.7	108.0	107.2	119.8	119.0	111.2	112.3	117.3	135.4
			(-5.8)	(-0.7)	(11.8)	(-0.7)	(-6.6)	(5.8)	(4.6)	(15.4)
Copra Oil	0.03	91.6	107.7	155.2	141.3	129.4	162.4	109.9	167.1	180.3
			(17.6)	(44.1)	(-9.0)	(-8.4)	(25.5)	(6.3)	(-7.8)	(7.9)
Groundnut Oil	0.06	122.8	104.1	94.5	109.9	119.5	108.4	109.5	122.0	144.7
			(-15.2)	(-9.2)	(16.3)	(8.7)	(-9.3)	(1.0)	(11.4)	(18.6)
Cotton Seed Oil	0.07	106.8	102.6	99.3	97.9	100.8	101.6	112.7	113.8	131.9
			(-3.9)	(-3.2)	(-1.4)	(3.0)	(0.8)	(5.5)	(3.5)	(15.9)
Sunflower Oil	0.23	105.6	106.6	95.4	101.3	105.0	103.4	123.2	112.2	134.5
			(0.9)	(-10.5)	(6.2)	(3.7)	(-1.5)	(10.8)	(2.1)	(19.9)
Soybean Oil	0.34	110.9	107.2	102.7	98.5	104.5	106.1	116.9	114.4	132.7
			(-3.3)	(-4.2)	(-4.1)	(6.1)	(1.5)	(7.8)	(1.9)	(16.0)
Castor Oil	0.03	92.9	97.2	103.4	97.4	95.9	106.8	112.1	116.3	111.0
			(4.6)	(6.4)	(-5.8)	(-1.5)	(11.4)	(0.8)	(3.2)	(-4.6)
Rice Bran Oil	0.30	108.0	101.7	101.6	98.5	109.4	111.2	181.2	120.9	144.6
			(-5.8)	(-0.1)	(-3.1)	(11.1)	(1.6)	(11.6)	(-1.9)	(19.6)
Palm Oil	1.02	103.4	103.7	100.8	92.4	103.9	108.4	110.0	117.3	147.6
			(0.3)	(-2.8)	(-8.3)	(12.4)	(4.3)	(8.3)	(0.3)	(25.8)
B. Fruits and Vegetables	3.48	114.9	140.4	146.5	139.2	138.7	155.9	147.3	174.7	
			(22.2)	(4.3)	(-5.0)	(-0.4)	(12.4)	(-5.5)	(18.6)	
b1. Vegetables	1.87	123.5	163.6	159.4	145.7	138.0	164.0	150.2	197.0	203.6
			(32.5)	(-2.6)	(-8.6)	(-5.3)	(18.8)	(-8.4)	(31.2)	(3.4)
Potato	0.28	162.9	176.5	227.3	127.5	175.6	117.9	192.6	193.9	290.7
			(8.3)	(28.8)	(-43.9)	(37.7)	(-32.9)	(63.4)	(0.7)	(49.9)
Onion	0.16	126.1	270.5	194.0	253.6	117.4	212.0	138.0	306.5	255.2
			(114.5)	(-28.3)	(30.7)	(-53.7)	(80.6)	(-34.9)	(122.1)	(-16.7)
b2. FRUITS	1.60	104.9	113.3	131.5	131.6	139.5	146.5	144.0	148.6	150.7

2.64: Wholesale Price Index and Growth Rate (Inflation) of Commercial Crops (Base:2011-12=100)-Contd.

Commodity	Weight	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
b2. FRUITS	1.60	104.9	113.3	131.5	131.6	139.5	146.5	144.0	148.6	150.7
			(8.0)	(16.1)	(0.1)	(6.0)	(5.0)	(-1.7)	(3.2)	(1.4)
Banana	0.33	113.2	132.5	146.2	137.1	144.9	158.3	140.6	133.8	129.9
			(17.0)	(10.3)	(-6.2)	(5.7)	(9.2)	(-11.2)	(-4.8)	(-2.9)
Mango	0.46	96.0	86.8	107.3	121.2	132.1	126.7	130.2	155.4	180.8
			(-9.6)	(23.6)	(13.0)	(9.0)	(-4.1)	(2.8)	(19.4)	(16.3)
Apple	0.08	106.9	104.3	110.0	101.0	109.1	114.3	108.7	104.1	113.9
			(-2.4)	(5.5)	(-8.2)	(8.0)	(4.8)	(-4.9)	(-4.2)	(9.4)
Orange	0.13	110.5	107.8	111.8	106.9	124.0	125.2	112.8	111.1	130.0
			(-2.4)	(3.7)	(-4.4)	(16.0)	(1.0)	(-9.9)	(-1.5)	(17.0)
C. Condiments & Spices	0.53	87.1	102.7	120.8	138.9	140.5	125.2	129.6	143.9	149.5
			(17.9)	(17.6)	(15.0)	(1.2)	(-10.9)	(3.5)	(11.0)	(3.9)
Black Pepper	0.02	129.6	139.1	183.5	183.6	186.7	158.0	135.7	128.2	123.8
			(7.3)	(31.9)	(0.1)	(1.7)	(-15.4)	(-14.1)	(-5.5)	(-3.4)
Chillies(Dry)	0.14	83.6	94.4	109.0	130.4	135.7	111.6	126.7	143.2	157.9
			(12.9)	(15.5)	(19.6)	(4.1)	(-17.8)	(13.5)	(13.0)	(10.3)
Turmeric	0.10	79.8	103.0	109.3	121.5	117.3	119.7	118.7	114.0	115.5
			(29.1)	(6.1)	(11.2)	(-3.5)	(2.0)	(-0.8)	(-4.0)	(1.3)
D. Raw Cotton	0.66	95.0	108.6	95.8	89.5	106.8	107.5	116.6	116.0	105.3
			(14.3)	(-11.8)	(-6.6)	(19.3)	(0.7)	(8.5)	(-0.5)	(-9.2)
E. Raw Jute	0.05	110.3	120.9	132.5	181.5	208.0	160.4	181.9	200.7	235.3
			(9.6)	(9.6)	(37.0)	(14.6)	(-22.9)	(13.4)	(10.3)	(17.2)

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

Note: Figures in the parentheses show percentage Growth Rate (inflation) of WPI

2.65: Consumer Price Index (Combined) and growth rate (Inflation) of Food and Beverages (Base: 2012=100)

Group/ Sub-Group	Weight	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
General Index (All Groups)	100	102.5	112.2	118.9	124.7	130.3	135.0	139.6	146.3	155.3
			(9.4)	(5.9)	(4.9)	(4.5)	(3.6)	(3.4)	(4.8)	(6.1)
Food and Beverages	45.86	103.3	115.6	123.1	129.4	135.2	138.1	139.1	147.5	158.3
			(11.9)	(6.5)	(5.1)	(4.4)	(2.2)	(0.7)	(6.0)	(7.3)
Cereals & Products	9.67	103.8	116.6	122.6	124.9	130.2	134.7	137.5	141.4	146.8
			(12.3)	(5.2)	(1.8)	(4.2)	(3.5)	(2.1)	(2.8)	(3.8)
Meat and fish	3.61	103.7	112.6	121.0	128.2	134.8	141.3	148.8	162.6	187.7
			(8.6)	(7.5)	(6.0)	(5.1)	(4.8)	(5.3)	(9.3)	(15.4)
Egg	0.43	103.7	115.0	118.7	121.5	129.6	134.3	137.3	143.5	162.0
			(10.9)	(3.2)	(2.3)	(6.7)	(3.6)	(2.3)	(4.5)	(12.9)
Milk and products	6.61	102.2	111.0	122.5	128.8	134.1	139.6	142.2	146.3	154.2
			(8.6)	(10.3)	(5.2)	(4.1)	(4.1)	(1.8)	(2.9)	(5.4)
Oils and fats	3.56	102.8	105.6	108.1	112.7	117.3	119.2	121.6	125.1	136.8
			(2.7)	(2.4)	(4.3)	(4.0)	(1.6)	(2.1)	(2.9)	(9.4)
Fruits	2.89	103.0	111.9	127.4	129.4	135.6	141.9	145.2	146.2	149.9
			(8.6)	(13.9)	(1.5)	(4.8)	(4.6)	(2.3)	(0.7)	(2.6)
Vegetables	6.04	105.7	137.5	142.3	144.2	141.1	149.3	141.6	171.7	181.7
			(30.2)	(3.4)	(1.4)	(-2.2)	(5.8)	(-5.2)	(21.3)	(5.8)
Pulses and products	2.38	102.9	107.5	116.0	153.0	167.2	132.1	121.1	133.1	154.9
			(4.4)	(7.9)	(31.9)	(9.3)	(-21.0)	(-8.3)	(9.9)	(16.4)
Sugar and confectionery	1.36	103.0	102.1	101.7	94.5	113.0	119.9	111.5	112.5	106.3
			(-0.9)	(-0.4)	(-7.0)	(19.6)	(6.1)	(-7.0)	(0.8)	(-5.5)
Spices	2.5	100.9	108.2	117.5	128.8	138.0	136.4	139.4	145.5	161.4
			(7.3)	(8.6)	(9.6)	(7.1)	(-1.1)	(2.2)	(4.4)	(10.9)
Non-alcoholic beverages	1.26	102.2	110.6	115.8	121.0	125.7	128.5	131.8	135.2	146.3
			(8.3)	(4.7)	(4.5)	(3.9)	(2.2)	(2.6)	(2.6)	(8.2)
Prepared meals; snacks; sweets etc.	5.55	103.2	114.8	124.1	132.9	140.5	147.4	153.4	157.2	164.3
			(11.2)	(8.1)	(7.1)	(5.7)	(4.9)	(4.1)	(2.4)	(4.5)
Consumer Food Price Index	39.06	103.4	115.9	123.2	129.2	129.2	137.1	137.3	146.5	157.8
			(12.1)	(6.4)	(4.9)	(0.0)	(6.1)	(0.1)	(6.7)	(7.7)

Source : National Statistical Office

Notes:

1. Figures are as per New CPI series introduced from January 2011. Data for this series is available with Base: 2012=100

2. Yearly indices are simple average of monthly indices

3. Figures in the parentheses show percentage Growth Rate (inflation) of CPI

4. Data is imputed for certain commodities for April, 2020 and May 2020 as due to COVID it was not feasible for the field enumerators to visit the specified

retail outlets to collect data/price quotations

Imputed Sub-group Index (Food Group) = (Last Observed Index of Sub-group) x (Food Index of Current Month/Food Index of last Observed Month) Imputed Sub-group Index (Non-Food Group) = (Last Observed Index of Sub-group) x (General CPI of Current Month/General CPI of last Observed Month)

2.66: Consumer Price Index (CPI) for Agricultural Labourers and its growth rate(Inflation)
(Base: 1986-87=100)

Month/Year	2016	2017	2018	2019	2020	2021
(1)	(2)	(3)	(4)	(5)	(6)	(7)
January	849	870	895	915	1016	1045
		(2.5)	(2.9)	(2.2)	(11.0)	(2.9)
February	843	869	889	917	1010	1037
		(3.1)	(2.3)	(3.1)	(10.1)	(2.7)
March	843	866	887	924	1007	1035
		(2.7)	(2.4)	(4.2)	(9.0)	(2.8)
April	848	870	888	932	1014	1041
		(2.6)	(2.1)	(5.0)	(8.8)	(2.7)
May	860	872	891	940	1019	1049
		(1.4)	(2.2)	(5.5)	(8.4)	(2.9)
June	869	877	894	950	1018	1057
		(0.9)	(1.9)	(6.3)	(7.2)	(3.8)
July	877	884	902	958	1021	1061
		(0.8)	(2.0)	(6.2)	(6.6)	(3.9)
August	876	894	907	965	1026	1066
		(2.1)	(1.5)	(6.4)	(6.3)	(3.9)
September	873	893	910	976	1037	1067
		(2.3)	(1.9)	(7.3)	(6.3)	(2.9)
October	876	901	913	987	1052	1081
		(2.9)	(1.3)	(8.1)	(6.6)	(2.8)
November	878	905	914	1000	1060	1092
		(3.1)	(1.0)	(9.4)	(6.0)	(3.0)
December	876	900	913	1014	1047	1097
		(2.7)	(1.4)	(11.1)	(3.3)	(4.8)

Source : Labour Bureau

Figures in the parentheses show percentage Growth Rate (inflation) of CPI for AL

2.67: All India Index Numbers of Area of Principal Crops

(T.E.: 2007-08=100)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Rice	100.3	104.0	95.7	97.9	100.5	97.6	100.8	100.7	99.3	100.5	100.0	100.8	99.7	102.9
Wheat	101.9	100.9	103.5	105.7	108.6	109.1	110.8	114.4	110.6	111.9	107.8	106.6	114.0	114.9
Jowar	93.5	90.7	93.8	88.9	75.2	74.9	69.8	74.2	73.2	67.8	60.5	49.3	58.1	51.1
Bajra	100.2	91.6	93.2	100.6	91.9	76.4	81.8	76.6	74.6	78.1	78.3	74.4	79.0	79.2
Maize	103.2	103.9	105.0	108.7	111.6	110.2	115.3	116.8	111.9	122.5	119.2	114.8	121.6	125.4
Ragi	101.5	101.1	92.8	94.1	86.1	82.8	87.4	88.4	83.3	74.4	87.4	65.2	73.5	84.0
Small Millets	100.1	87.2	80.0	77.1	77.0	72.7	65.7	56.8	62.6	59.6	52.6	43.7	44.2	39.9
Barley	96.2	112.7	99.6	112.6	102.7	111.0	107.5	113.0	94.1	104.8	105.5	91.9	94.1	95.2
Coarse Cereals	99.9	97.9	98.5	101.2	96.4	92.1	94.4	95.0	91.3	95.3	92.9	85.7	92.3	82.9
Cereals	100.9	101.6	99.5	101.8	103.3	101.6	104.0	105.7	102.9	104.5	102.2	100.8	104.6	100.5
Tur	102.8	93.2	95.7	120.5	110.6	107.5	107.8	106.4	109.4	147.3	122.5	125.6	125.1	132.6
Gram	103.0	107.8	111.6	125.5	113.4	116.4	135.6	112.7	114.7	131.5	144.2	130.4	132.5	134.6
Moong	111.5	85.0	91.8	108.0	101.3	81.3	101.2	90.3	114.5	129.4	126.9	142.2	137.0	154.2
Urad	104.1	87.4	96.6	105.4	104.4	101.8	98.8	104.8	117.0	144.6	170.4	180.8	146.3	135.8
Lentil	91.5	96.4	103.7	111.9	109.5	99.7	94.0	102.9	89.4	102.4	108.6	95.5	91.3	101.4
Other Pulses	96.4	91.5	96.3	102.7	93.3	83.3	84.5	87.2	89.7	98.9	87.9	78.4	78.4	79.1
Total Pulses	102.4	97.3	102.2	116.4	107.6	103.9	112.8	104.2	109.0	129.7	131.8	127.8	123.4	125.0
Foodgrains	101.2	100.9	100.0	104.4	104.1	102.0	105.6	105.4	103.9	109.0	107.4	105.6	107.9	105.1
Groundnut	101.2	99.2	88.1	94.2	84.7	76.0	88.6	76.7	74.0	85.9	78.7	76.1	77.6	98.1
Castor	103.6	114.0	96.7	115.9	193.6	162.4	139.9	143.4	139.6	106.3	108.5	98.9	137.7	117.4
Niger	94.7	91.4	87.3	86.2	84.7	72.1	69.4	53.9	58.5	59.6	50.8	36.4	31.7	29.0
Sesamum	103.3	103.9	111.5	119.6	109.2	97.9	96.4	100.2	112.0	95.7	90.7	81.5	93.2	98.9
R & M	87.9	95.0	84.3	104.1	88.9	96.0	100.2	87.5	86.7	91.6	90.1	92.4	103.4	100.9
Linseed	104.7	91.2	76.5	80.4	72.2	66.3	65.6	63.9	58.8	72.7	73.0	38.6	40.2	38.8
Safflower	90.5	83.2	81.3	68.9	70.7	51.8	50.2	49.4	36.0	40.8	23.2	13.0	14.6	15.5
Sunflower	89.4	84.8	69.0	43.4	34.2	38.8	31.4	27.6	22.8	17.8	13.3	12.3	10.7	10.5
Soyabean	106.9	114.5	117.2	115.6	121.7	130.5	141.1	131.4	139.7	134.6	124.4	134.0	146.8	154.2
Total Oilseeds	98.5	101.8	94.8	101.0	97.5	97.5	104.1	94.3	95.4	97.1	91.1	92.5	101.1	106.5
Sugarcane	105.3	91.9	86.9	101.7	104.9	104.1	104.0	105.5	102.6	92.4	98.6	105.4	95.8	101.1
Cotton	103.7	103.6	111.6	123.8	134.1	131.9	131.7	141.2	135.4	119.3	138.6	138.9	148.5	143.3
Jute	103.2	99.6	102.8	98.1	102.5	98.4	95.8	95.0	92.3	89.5	86.9	84.3	79.7	79.2
Mesta	102.9	81.1	66.3	69.4	67.3	60.4	57.4	42.2	38.0	40.4	39.4	27.8	31.6	26.9
Coconut	98.7	98.7	98.2	98.3	105.9	110.8	110.9	102.4	108.2	107.9	108.7	111.5	112.7	113.3
Cotton seed	103.7	103.6	111.6	123.8	134.1	131.9	131.7	141.2	135.4	119.3	138.6	138.9	148.5	145.0
Sannhamp	97.2	82.1	76.0	87.8	64.3	53.2	39.0	39.0	33.4	32.8	31.5	31.2	28.2	NA
Potato	105.0	123.6	124.0	125.9	127.6	134.6	133.3	140.3	143.1	147.3	144.8	146.9	138.6	151.9
Tapioca	101.1	111.7	92.5	88.1	68.2	82.5	90.9	82.9	81.4	79.4	69.0	65.0	69.0	74.8
Sweet potato	99.6	116.8	111.8	106.1	107.1	105.2	99.6	100.5	118.3	120.2	123.0	103.3	101.1	104.0
Onion	102.2	121.0	109.6	154.3	151.6	152.6	174.6	170.1	191.5	189.4	186.4	176.9	207.6	237.7
Banana	111.5	148.4	161.2	173.7	173.7	162.4	168.1	172.1	176.0	180.0	185.0	181.3	187.7	193.2
Tobacco	95.9	107.6	122.4	135.8	128.3	117.3	125.5	125.5	124.1	110.1	113.1	112.5	111.3	NA
Guar seed	106.6	118.6	91.8	104.4	105.7	158.2	183.1	183.1	172.0	126.0	120.9	106.5	96.4	NA
Black pepper	84.0	101.8	83.6	78.5	85.3	53.3	52.9	55.0	55.0	56.3	57.2	104.5	110.5	111.0
Dry chillies	108.7	105.1	103.5	106.9	108.0	107.2	104.6	102.7	109.4	113.4	101.5	105.3	84.5	98.3
Dry ginger	97.4	101.6	101.0	139.3	145.0	127.2	124.4	132.8	153.4	157.1	149.6	153.4	166.6	164.9
Turmeric	100.0	103.3	103.3	111.3	124.4	110.7	132.9	105.0	106.1	126.7	135.8	144.4	168.8	166.2
Arecanut	100.9	100.9	104.3	104.3	117.4	116.3	117.9	117.4	123.6	118.7	129.6	187.3	194.7	194.0
Cardamom	89.0	100.1	97.9	94.6	94.6	100.1	101.2	108.8	93.5	92.5	91.4	88.1	92.9	91.0
Coriander	110.3	113.9	103.3	152.1	161.9	155.8	128.3	158.7	167.0	193.4	152.7	134.9	151.9	189.9
Garlic	123.3	99.9	99.2	120.8	147.2	149.0	138.8	157.5	168.9	192.9	190.5	215.1	211.8	234.8
Tea	102.0	102.0	102.0	102.0	102.0	99.9	99.9	99.9	99.9	101.8	105.7	112.2	112.2	112.2
Coffee	100.4	102.2	103.7	105.1	105.1	107.5	111.2	112.6	115.8	119.5	120.4	121.5	121.9	123.3
Rubber ^	103.1	107.5	111.4	111.4	111.4	126.3	126.3	129.1	131.6	132.8	133.2	133.4	133.5	133.6
Non Foodgrains	103.0	106.0	104.2	113.8	115.7	116.1	119.2	118.7	119.5	116.2	118.2	121.7	124.0	115.4
All Crops	102.1	103.4	102.1	109.0	109.8	109.0	112.3	112.0	111.6	112.6	112.7	113.5	115.9	108.5

Source: DES, DA&FW

* - As per Fourth Advance Estimates Horticultural Crops as per 3rd Advance Estimate 2020-21

^ - 2020-21 Provisional 2020-21 and NA: Not Available

2.68: All India Index Numbers of Production of Principal Crops

(T.E. : 2007-08=100)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Rice	102.9	105.6	94.8	102.2	112.1	112.0	113.5	112.3	111.1	116.8	120.0	124.0	126.5	130.1
Wheat	105.4	108.2	108.3	116.5	127.2	125.4	128.5	116.0	123.7	132.1	133.9	138.9	144.6	146.9
Jowar	104.7	95.7	88.5	92.5	79.0	69.8	73.2	71.9	56.0	60.4	63.5	45.9	63.0	63.2
Bajra	114.7	102.2	74.8	119.3	118.2	100.6	106.4	105.7	92.8	111.9	105.9	99.7	119.2	125.0
Maize	116.6	121.4	102.9	133.7	133.9	136.9	149.3	148.7	138.8	159.3	176.9	170.5	177.0	193.9
Ragi	108.5	102.9	95.2	110.6	97.3	79.4	100.0	103.9	91.9	69.8	100.1	62.5	88.5	99.0
Small Millets	110.0	88.8	76.3	88.3	90.2	87.0	85.9	77.1	78.1	88.3	87.7	66.5	74.1	69.8
Barley	95.8	135.3	108.5	133.2	129.7	140.4	146.7	129.2	115.2	140.0	142.7	130.8	137.9	134.0
Coarse Cereals	112.1	110.0	92.3	118.9	114.8	109.2	118.0	116.7	104.6	118.8	127.3	116.4	129.5	141.1
Cereals	105.5	107.4	100.2	111.1	119.1	117.3	120.7	114.6	115.5	123.7	127.2	129.2	134.8	138.2
Tur	113.5	83.6	91.0	105.6	98.0	111.6	117.2	103.6	94.5	179.9	158.3	122.4	143.6	158.1
Gram	97.5	119.8	126.8	139.5	130.7	149.9	161.6	124.4	119.7	159.1	193.1	168.6	188.0	203.5
Moong	127.4	86.6	57.9	155.9	150.7	99.3	134.4	125.8	133.3	181.2	169.3	205.5	210.0	258.6
Urad	106.4	85.9	90.3	127.0	126.4	140.7	121.3	139.9	138.9	202.2	249.4	218.5	148.6	167.4
Lentil	91.2	107.1	115.9	106.0	118.9	127.4	114.3	116.3	109.6	137.5	182.2	137.9	123.9	162.7
Other Pulses	104.3	101.2	85.6	127.1	103.9	108.4	110.2	124.2	109.4	131.3	128.8	102.6	116.6	126.4
Total Pulses	105.2	102.1	102.3	129.4	121.6	129.4	135.6	122.0	116.7	165.5	181.7	158.9	163.3	182.2
Foodgrains	105.4	106.5	100.6	114.3	119.5	119.4	123.3	115.9	115.7	131.1	136.8	134.4	139.8	141.0
Groundnut	125.0	97.6	73.9	112.5	94.8	63.9	132.2	100.8	91.7	101.6	125.9	91.6	135.5	139.0
Castor	112.6	125.2	107.9	144.3	245.3	209.9	184.6	199.9	187.3	147.1	167.6	127.9	196.9	176.5
Niger	97.1	103.7	88.6	95.5	87.0	89.4	86.7	67.6	65.8	75.5	62.2	40.3	36.6	34.8
Sesamum	112.6	95.3	87.5	132.9	120.6	101.9	106.3	123.2	126.5	111.1	112.4	102.6	97.8	120.7
R & M	81.8	100.9	92.6	114.6	92.6	112.5	110.4	88.1	95.3	111.0	118.2	129.7	127.9	141.7
Linseed	97.3	100.8	91.5	87.2	90.8	88.5	84.4	92.1	74.7	109.7	103.5	59.0	71.9	66.6
Safflower	97.1	81.9	77.4	65.1	62.9	46.9	49.1	39.0	22.9	40.6	23.9	10.7	18.9	16.7
Sunflower	106.3	84.1	61.8	47.3	37.5	39.5	36.6	31.5	21.5	18.3	16.1	15.7	15.4	16.7
Soyabean	117.1	105.8	106.4	136.0	130.4	156.6	126.7	110.8	91.5	140.5	116.8	141.7	119.9	137.7
Total Oilseeds	108.6	100.8	88.9	116.8	106.5	107.4	119.0	99.7	92.5	111.2	114.7	111.6	121.3	132.0
Sugarcane	106.1	86.8	89.0	104.3	110.0	103.9	107.3	110.4	106.1	93.2	115.7	123.5	112.9	121.6
Cotton	115.9	99.7	107.5	147.7	157.6	153.2	160.7	155.8	134.3	145.8	146.9	125.5	161.4	158.4
Jute	100.5	94.7	110.4	98.4	105.6	101.7	109.0	104.4	97.8	102.6	94.3	93.4	92.9	89.7
Mesta	105.5	77.9	62.5	65.1	70.6	62.8	64.6	54.1	62.1	56.5	47.1	34.4	45.9	46.3
Coconut	97.4	97.5	104.0	104.1	104.1	149.9	154.2	135.1	146.5	158.3	157.6	141.0	134.5	139.9
Cotton seed	115.9	99.7	107.5	147.7	157.6	153.2	160.7	155.8	134.3	145.8	146.9	125.5	161.4	158.4
Sanhemp	98.6	93.1	74.8	115.3	132.2	100.7	64.4	64.4	70.8	77.3	80.1	70.7	63.4	NA
Potato	114.6	138.4	147.2	170.4	187.4	182.5	167.2	193.2	174.7	195.6	206.5	202.0	195.4	218.2
Tapioca	105.6	116.5	97.6	97.8	77.0	87.6	98.6	53.0	52.6	50.5	59.9	60.3	73.4	71.1
Sweet potato	98.8	117.4	114.8	109.8	112.2	118.7	114.1	128.7	152.4	153.1	157.3	121.2	119.6	127.0
Onion	102.7	152.4	136.6	169.8	183.6	188.9	218.0	212.6	235.1	251.9	261.3	256.3	293.1	301.4
Banana	114.2	169.7	171.3	192.7	172.5	171.5	192.4	189.1	188.5	197.2	199.4	197.1	210.9	216.0
Tobacco	93.0	121.0	147.4	176.9	160.0	139.8	156.4	156.4	170.8	171.4	202.4	140.0	170.5	NA
Guar seed	133.6	144.6	44.3	147.2	165.6	183.8	268.0	268.0	211.0	138.1	121.3	98.0	113.5	NA
Black pepper	67.6	68.0	73.2	74.6	63.2	76.1	73.2	93.3	78.9	103.3	94.7	196.7	149.4	172.9
Dry chillies	109.5	107.2	101.5	103.2	106.0	110.1	125.9	135.5	128.3	176.9	181.4	147.1	154.9	176.6
Dry ginger	98.3	97.7	99.0	180.4	194.1	175.5	168.4	195.3	285.0	275.0	287.4	459.6	480.1	484.9
Turmeric	98.0	101.3	97.8	122.4	141.2	119.7	146.7	102.3	116.3	130.2	139.7	118.5	142.2	131.3
Arecanut	100.0	100.6	100.0	100.0	130.3	127.4	130.1	156.2	149.3	151.2	174.2	239.3	289.0	264.5
Cardamom	85.7	99.1	102.3	102.3	102.3	115.1	134.3	153.5	153.5	179.1	179.1	147.1	133.7	216.3
Coriander	121.2	94.8	92.8	188.7	211.8	205.2	122.9	180.9	229.1	345.7	278.0	231.8	274.5	325.7
Garlic	131.2	102.1	102.4	129.9	150.6	154.6	153.8	175.0	198.6	207.9	197.8	357.4	359.2	391.1
Tea	101.5	101.0	101.0	101.0	101.0	101.0	124.4	123.2	126.9	128.7	136.4	139.0	140.1	132.1
Coffee	95.4	95.5	105.4	110.0	110.0	110.0	110.9	119.1	126.7	113.6	115.0	116.3	108.5	121.6
Rubber ^	99.8	104.5	100.5	100.5	100.5	100.4	93.6	78.0	68.0	83.6	83.9	78.7	86.1	86.5
Non Foodgrains	108.6	107.6	105.0	127.9	129.3	128.6	136.4	132.3	126.1	134.7	142.1	142.0	151.3	135.4
All Crops	107.0	107.0	102.8	121.0	124.3	124.0	129.8	124.0	120.8	132.8	139.4	138.1	145.5	137.2

Source: DES, DA&FW

* - As per fourth Advance Estimates 2020-21 and Horticultural Crops as per 3rd Advance Estimate 2020-21

^ 2020-21 - Provisional

NA: Not Available

2.69: All India Index Numbers of Yield of Principal Crops

(T.E. : 2007-08=100)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Rice	102.6	101.5	98.1	104.4	111.5	114.8	112.6	111.5	111.9	116.2	120.1	123.0	126.9	126.5
Wheat	103.4	107.2	104.7	110.2	117.2	115.0	116.0	101.4	111.9	118.0	124.2	130.3	126.9	127.8
Jowar	112.0	105.5	94.3	104.1	105.0	93.2	104.9	96.9	76.5	89.1	104.9	93.1	108.5	123.7
Bajra	114.5	111.6	80.3	118.6	128.7	131.7	130.2	137.9	124.4	143.4	135.3	134.0	151.0	157.8
Maize	113.0	116.8	97.9	122.9	119.9	124.2	129.5	127.4	124.0	130.1	148.4	148.6	145.5	154.6
Ragi	106.9	101.7	102.6	117.5	113.0	95.9	114.4	117.5	110.3	93.9	114.5	95.8	120.4	117.9
Small Millets	109.9	101.9	95.3	114.6	117.2	119.8	130.6	135.7	124.7	148.0	166.6	152.1	167.7	174.9
Barley	99.6	120.1	109.0	118.3	126.2	126.5	136.4	114.4	122.4	133.6	135.2	142.3	146.5	140.7
Coarse Cereals	112.3	112.4	93.8	117.5	119.1	118.6	125.0	122.9	114.5	124.7	137.1	135.8	140.3	170.3
Cereals	104.5	105.7	100.7	109.1	115.3	115.4	116.0	108.5	112.3	118.3	124.5	128.1	128.8	137.5
Tur	110.4	89.7	95.1	87.6	88.6	103.8	108.7	97.4	86.4	122.1	129.2	97.4	114.8	119.2
Gram	94.7	111.1	113.7	111.2	115.3	128.7	119.2	110.4	104.4	121.0	133.8	129.3	141.9	151.2
Moong	114.3	101.8	63.1	144.3	148.7	122.1	132.8	139.3	116.5	140.0	133.5	144.5	153.3	167.7
Urad	102.2	98.3	93.4	120.5	121.1	138.3	122.7	133.5	118.8	139.9	146.4	120.8	101.6	123.3
Lentil	99.6	111.1	111.7	94.7	108.6	127.7	121.6	113.0	122.6	134.3	167.8	144.4	135.7	160.5
Other Pulses	108.2	110.6	88.8	123.7	111.4	130.2	130.4	142.4	121.9	132.7	146.6	130.9	148.7	159.7
Total Pulses	102.8	104.9	100.1	111.2	113.1	124.4	120.2	117.0	107.0	127.6	137.9	124.4	132.3	145.8
Foodgrains	104.2	105.6	100.6	109.5	114.9	117.1	116.8	110.0	111.3	120.3	127.4	127.3	129.5	134.2
Groundnut	123.5	98.4	83.8	119.4	111.9	84.1	149.3	131.3	123.9	118.2	160.1	120.3	174.5	141.7
Castor	108.7	109.8	111.5	124.6	126.7	129.3	131.9	139.4	134.1	138.4	154.5	129.4	143.0	150.3
Niger	102.5	113.5	101.5	110.7	102.7	123.9	124.9	125.2	112.6	126.7	122.6	110.7	115.7	120.1
Sesamum	109.0	91.7	78.5	111.1	110.4	104.1	110.3	122.9	112.9	116.1	123.9	125.8	105.0	122.0
R & M	93.1	106.3	109.9	110.2	104.1	117.3	110.2	100.7	109.9	121.1	131.1	140.5	123.7	140.5
Linseed	93.0	110.4	119.6	108.6	125.8	133.5	128.7	144.2	127.1	150.8	141.8	152.7	178.7	171.5
Safflower	107.3	98.4	95.1	94.5	88.9	90.6	97.7	78.9	63.6	99.7	103.1	82.2	129.1	107.4
Sunflower	118.9	99.2	89.5	108.9	109.7	101.8	116.6	114.4	94.5	102.5	121.5	128.3	144.6	159.0
Soyabean	109.5	92.4	90.8	117.6	107.2	120.0	89.8	84.3	65.5	104.4	93.9	105.7	81.7	89.3
Total Oilseeds	110.3	99.0	93.8	115.7	109.3	110.1	114.3	105.7	97.0	114.5	125.9	120.7	120.0	123.9
Sugarcane	100.8	94.4	102.4	102.5	104.8	99.8	103.2	104.6	103.5	100.9	117.3	117.2	117.8	120.3
Cotton	111.7	96.2	96.4	119.4	117.5	116.1	122.0	110.3	99.2	122.3	105.9	90.3	108.8	110.6
Jute	97.4	95.1	107.4	100.4	103.0	103.3	113.7	109.9	105.9	114.6	108.5	110.7	116.6	113.3
Mesta	102.5	96.0	94.3	93.8	105.0	104.0	112.6	128.1	163.5	139.9	119.4	123.7	145.3	172.5
Coconut	98.8	98.8	105.8	105.9	98.3	135.3	139.0	131.9	135.4	146.7	145.0	126.4	119.4	123.5
Cotton seed	111.7	96.2	96.4	119.4	117.5	116.1	122.0	110.3	99.2	122.3	105.9	90.3	108.8	109.3
Sanhemp	101.4	113.4	98.4	131.3	205.5	189.3	165.1	165.1	212.1	235.9	254.3	226.6	0.0	NA
Potato	109.1	112.0	118.7	135.3	146.8	135.5	125.4	137.7	122.1	132.8	142.6	137.5	140.9	143.6
Tapioca	104.5	104.4	105.5	111.0	112.9	106.2	108.4	63.8	64.7	63.7	86.9	92.7	106.3	95.0
Sweet potato	99.3	100.6	102.7	103.4	104.8	112.8	114.6	128.1	128.8	127.3	127.8	117.3	118.4	122.1
Onion	100.5	125.9	124.6	110.0	121.1	123.8	124.8	125.0	122.8	133.0	140.2	144.9	141.2	126.8
Banana	102.5	114.3	106.3	110.9	99.3	105.6	114.4	109.9	107.1	109.6	107.7	108.7	112.4	111.8
Tobacco	97.0	112.5	120.4	130.3	124.6	119.2	124.6	124.6	137.6	155.7	179.0	124.4	153.2	NA
Guar seed	125.3	121.9	48.3	141.0	156.6	116.2	146.4	146.4	122.6	109.7	100.4	92.0	0.0	NA
Black pepper	80.4	66.8	87.5	95.1	74.0	142.7	138.4	169.5	143.5	183.5	165.7	188.1	135.2	155.8
Dry chillies	100.7	101.9	98.1	96.6	98.2	102.7	120.4	131.9	117.2	156.0	178.7	139.7	183.4	179.6
Dry ginger	101.0	96.2	98.0	129.5	133.9	138.0	135.4	147.1	185.9	175.1	192.0	299.6	288.2	294.0
Turmeric	97.9	98.0	94.7	110.1	113.5	108.2	110.4	97.5	109.6	102.8	102.9	82.1	84.2	79.0
Arecanut	99.1	99.7	95.8	95.8	111.0	109.5	110.3	133.1	120.8	127.4	134.4	127.8	148.4	136.3
Cardamom	96.3	99.1	104.5	108.1	108.1	115.1	132.8	141.1	164.1	193.7	196.0	167.0	143.9	237.7
Coriander	109.9	83.2	89.8	124.1	130.9	131.7	95.8	114.0	137.1	178.7	182.1	171.9	180.7	171.5
Garlic	106.4	102.2	103.3	107.6	102.3	103.7	110.8	111.1	117.6	107.8	103.8	166.1	169.6	166.6
Tea	99.6	99.0	99.0	99.0	99.0	101.1	124.6	123.4	127.1	126.5	129.1	123.9	124.9	117.7
Coffee	95.0	93.4	101.7	104.6	104.6	102.3	99.7	105.7	109.4	95.0	95.5	95.7	89.0	98.6
Rubber ^	96.8	97.3	90.2	90.2	90.2	79.4	74.1	60.4	51.6	62.9	63.0	59.0	64.5	64.7
Non Foodgrains	105.4	101.5	100.7	112.4	111.7	110.8	114.4	111.5	105.5	115.8	120.2	116.7	122.0	117.4
All Crops	104.8	103.5	100.7	111.0	113.2	113.7	115.5	110.8	108.3	118.0	123.7	121.7	125.6	126.4

Source: DES, DA&FW

* - As per Fourth Advance Estimates 2020-21 and Horticultural Crops as per 3rd Advance Estimate 2020-21

^ 2020-21 - Provisional

NA: Not Available

2.70(a): Index of Terms of Trade between Farmers and Non-Farmers

(Base: T.E.: 2011-12=100)

Year	Index of Prices Received (IPR)	Index of Price Paid (IPP) for				Index of Terms of Trade (ITT)
		Final Consumption (IPP-FC)	Intermediate Consumption (IPP-IC)	Capital Formation (IPP-CF)	Combined Index (IPP)	
Weight→		38.19	43.44	18.37	100.00	(Col-2/6*100)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2004-05	62.35	80.18	62.12	73.06	71.03	87.78
2005-06	61.40	80.31	64.60	74.53	72.42	84.77
2006-07	63.97	77.66	67.75	78.37	73.48	87.05
2007-08	72.06	82.80	71.52	84.11	78.14	92.22
2008-09	82.06	85.61	74.72	92.10	82.07	99.98
2009-10	90.89	91.75	89.09	92.71	90.77	100.13
2010-11	101.29	97.31	98.94	99.33	98.39	102.95
2011-12	107.82	110.95	111.98	107.96	110.84	97.27
2012-13	119.49	119.80	128.36	115.21	122.67	97.40
2013-14	131.67	128.28	144.83	117.84	133.55	98.60
2014-15	138.21	132.49	157.70	122.70	141.64	97.58
2015-16	142.78	139.46	164.85	121.90	147.26	96.96
2016-17	151.04	144.15	172.36	122.67	152.46	99.07
2017-18	154.57	151.35	176.98	125.99	157.83	97.94
2018-19	158.43	158.55	183.55	133.14	164.74	96.17
2019-20	171.71	166.01	194.09	133.53	172.24	99.69
2020-21(P)	173.30	168.60	195.33	137.31	174.46	99.34

Source: Directorate of Economics & Statistics, DA&FW
P- Provisional

2.70(b): Index of Terms of Trade between Agricultural and Non-Agricultural sectors

(Base: T.E.: 2011-12=100)

Year	Index of Prices Received for			Index of Prices Paid for Final Consumption for			Index of Prices Paid for		Combined Index for Prices Paid (IPP)	Index of Terms of Trade (ITT)
	Farmers	Agricultural Labourers	of Prices Received (IPR)	Farmers	Agricultural Labourers	for Final Consumption (IPP-FC)	Intermediate Consumption (IPP-IC)	Capital Formation (IPP-CF)		
Weight→	94.04	5.96	100.00	71.35	28.65	55.38	25.62	19.00	100.00	Col-4/10*100
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2004-05	62.35	49.07	61.56	80.18	76.40	79.09	69.58	73.06	75.51	81.52
2005-06	61.40	55.22	61.03	80.31	77.01	79.36	71.69	74.53	76.48	79.80
2006-07	63.97	58.29	63.63	77.66	75.05	76.91	75.55	78.37	76.84	82.81
2007-08	72.06	61.83	71.45	82.80	82.10	82.60	80.51	84.11	82.35	86.76
2008-09	82.06	76.28	81.72	85.61	84.55	85.31	87.09	92.10	87.06	93.86
2009-10	90.89	85.61	90.57	91.75	91.40	91.65	92.67	92.71	92.11	98.33
2010-11	101.29	98.17	101.10	97.31	97.47	97.35	99.42	99.33	98.26	102.90
2011-12	107.82	116.22	108.32	110.95	111.14	111.00	107.91	107.96	109.63	98.81
2012-13	119.49	133.83	120.34	119.80	118.76	119.50	121.44	115.21	119.18	100.97
2013-14	131.67	151.40	132.85	128.28	129.25	128.56	130.34	117.84	126.98	104.62
2014-15	138.21	179.32	140.66	132.49	133.48	132.77	135.30	122.70	131.51	106.96
2015-16	142.78	185.04	145.30	139.46	141.16	139.94	138.33	121.90	136.10	106.76
2016-17	151.04	197.32	153.80	144.15	146.83	144.92	143.42	122.67	140.30	109.62
2017-18	154.57	205.95	157.63	151.35	154.13	152.15	143.31	125.99	144.91	108.78
2018-19	158.43	210.66	161.54	158.55	160.97	159.25	148.97	133.14	151.65	106.52
2019-20	171.71	214.98	174.29	166.01	169.69	167.06	160.89	133.53	159.11	109.54
2020-21(P)	173.30	224.61	176.36	168.60	174.39	170.26	156.61	137.31	160.50	109.88

Source: Directorate of Economics & Statistics,
DA&FW P- Provisional

2.71: Minimum Support Prices (According to crop year)

(Rs. per quintal)

S. No.	Commodity	Variety	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Kharif Crops							
1	Paddy	Common	1550	1750	1815	1868	1940
		Grade 'A'	1590	1770	1835	1888	1960
2	Jowar	Hybrid	1700	2430	2550	2620	2738
		Maldandi	1725	2450	2570	2640	2758
3	Bajra		1425	1950	2000	2150	2250
4	Ragi		1900	2897	3150	3295	3377
5	Maize		1425	1700	1760	1850	1870
6	Tur (Arhar)		5450^	5675	5800	6000	6300
7	Moong		5575^	6975	7050	7196	7275
8	Urad		5400^	5600	5700	6000	6300
9	Groundnut		4450^	4890	5090	5275	5550
10	Sunflower Seed		4100*	5388	5650	5885	6015
11	Soybean (Yellow)		3050^	3399	3710	3880	3950
12	Sesamum		5300*	6249	6485	6855	7307
13	Nigerseed		4050*	5877	5940	6695	6930
		Medium					
14	Cotton	Staple	4020	5150	5255	5515	5726
		Long Staple	4320	5450	5550	5825	6025
Rabi Crops							
15	Wheat		1735	1840	1925	1975	2015
16	Barley		1410	1440	1525	1600	1635
17	Gram		4400@	4620	4875	5100	5230
18	Masur (Lentil)		4250*	4475	4800	5100	5500
19	Rapeseed & Mustard		4000*	4200	4425	4650	5050
20	Safflower		4100*	4945	5215	5327	5441
21	Toria		3900	4190	4425	4650	5050
Other Crops							
22	Copra (Calender Year)	Milling	6500	7511	9521	9960	10335
		Ball	6785	7750	9920	10300	10600
23	De-Husked Coconut (Calender Year)		1760	2030	2571	2700	2800
24	Jute		3500	3700	3950	4225	4500
25	Sugarcane\$		255	275	275	285	290

Source: Directorate of Economics & Statistics, DA&FW

* Including Bonus of Rs. 100 per quintal.

^ Including Bonus of Rs. 200 per quintal.

@ Including Bonus of Rs. 150 per quintal

\$ Fair & Remunerative Price

2.72: All India Weighted Average Cost of Production (A2+FL) of major crops

(Rs. Per Quintal)

S. No.	Commodity	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Kharif Crops						
1	Paddy	1117	1166	1208	1245	1293
2	Jowar	1556	1619	1698	1746	1825
3	Bajra	949	990	1083	1175	1213
4	Ragi	1861	1931	2100	2194	2251
5	Maize	1044	1131	1171	1213	1246
6	Arhar(Tur)	3318	3432	3636	3796	3886
7	Moong	4286	4650	4699	4797	4850
8	Urad	3265	3438	3477	3660	3816
9	Cotton	3276	3433	3501	3676	3817
10	Groundnut In Shell	3159	3260	3394	3515	3699
11	Sunflower Seed	3481	3592	3767	3921	4010
12	Soybean	2121	2266	2473	2587	2633
13	Sesamum	4067	4166	4322	4570	4871
14	Nigerseed	3912	3918	3960	4462	4620
Rabi Crops						
1	Wheat	817	866	923	960	1008
2	Barley	845	860	919	971	1019
3	Gram	2461	2637	2801	2866	3004
4	Masur (Lentil)	2366	2532	2727	2864	3079
5	Rapeseed & Mustard	2123	2212	2323	2415	2523
6	Safflower	3125	3294	3470	3551	3627
Other Crops						
1	Copra	4758	5007	6347	6639	6805
2	Jute	2160	2267	2535	2709	2832
3	Sugarcane	152	155	156	159	155

Source: Directorate of Economics & Statistics, DA&FW

Note:1. Cost A2 includes all actual expenses in cash & kind incurred in production by

2 Owner and rent paid for leased-in-land.

Family Labour (FL) is calculated on the basis of statutory wage rate or the actual market rate, whichever is higher.

2.73 (a): State-wise cost of production(A2+FL) for Paddy and Wheat

(Rs. Per quintal)

State/Year	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)
Paddy					
Andhra	1062	1067	1089	1108	1005
Pradesh	1230	1259	1341	1371	1450
Assam	1053	1065	1077	1119	1167
Bihar	915	1002	1063	1095	1129
Chhattisgarh	1061	1080	1114	1128	1182
Gujarat	1049	1068	1093	1113	1158
Haryana		1071	1177	1225	1289
Himachal Pradesh	1359	1369	1333	1359	1407
Jharkhand	1062	1095	1088	1132	1180
Karnataka	1252	1342	1355	1518	1560
Kerala	1027	1306	1369	1397	1456
Madhya Pradesh	1569	2102	2196	2275	2405
Maharashtra	1327	1382	1444	1500	1548
Odisha	672	702	717	729	759
Punjab	1146	1174	1255	1282	1345
Tamilnadu					1319
Telangana	1073	1119	1194	1240	1287
Uttar Pradesh	1009	1012	1018	1032	1076
Uttarakhand	1409	1379	1483	1537	1584
West Bengal	1117	1166	1208	1245	1293
All India					
Wheat					
Bihar	948	972	1024	1063	1108
Chhattisgarh				1226	1345
Gujarat	1040	1122	1168	1204	1251
Haryana	736	783	824	850	888
Himachal Pradesh		1485	1563	1525	1596
Jharkhand		1149	1212	1345	1467
Karnataka					1741
Madhya Pradesh	786	845	897	928	969
Pradesh	1615	1717	1846	1916	1996
Maharashtra	642	654	690	714	748
Punjab	871	903	956	997	1038
Rajasthan	835	917	992	1033	1082
Uttar Pradesh		913	968	1012	1056
Uttarakhand	1777				1397
West Bengal	817	866	923	960	1008.0
All India					

Source: Directorate of Economics & Statistics, DA&FW

- Note: 1 Cost A2 includes all actual expenses in cash & kind incurred in production by Owner and rent paid for leased-in-land.
- 2 Family Labour(FL) is calculated on the basis of statutory wage rate or the actual market rate, whichever is higher.

2.73 (b) State-wise cost of production (A2+FL) for Coarse/Nutri Cereals

(Rs. Per quintal)

State/Year	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)
Jowar					
Andhra Pradesh	1486	1302	1342	1406	1290
Karnataka	1928	1936	2061	2120	2165
Madhya Pradesh	1311	1412	1432	1497	1477
Maharashtra	1529	1685	1753	1794	1852
Telangana					2925
Tamilnadu	1396	1410	1515	1578	1661
Rajasthan	1119	1147	1271	1354	1533
All India	1556	1619	1698	1746	1825
Bajra					
Gujarat	981	982	1037	1067	1112
Haryana	1078	1085	1100	1124	1173
Karnataka	1549	1555			
Maharashtra	1573	2119	2210	2245	2335
Rajasthan	857	867	1038	1199	1250
Uttar Pradesh	809	811	822	844	881
Tamilnadu	967	995			
All India	949	990	1083	1175	1213
Maize					
Andhra Pradesh	800	803	839	873	934
Bihar	813	814	877	896	934
Chhattisgarh	-				
Gujarat	1533	1819	1928	1999	2061
Himachal Pradesh	1449	1526	1609	1666	1748
Jharkhand		915			989
Karnataka	1009	1010	1056	1071	1112
Madhya Pradesh	1001	1011	1117	1160	1194
Maharashtra		1415	1445	1499	1386
Odisha		1159			
Punjab	919	961	1045	1139	1202
Rajasthan	1610	1612	1737	1776	1853
Tamilnadu	1107	1111	1221	1268	1330
Telangana					1020
Uttar Pradesh	1278	1279	1315	1366	1438
All India	1044	1131	1171	1213	1246
Ragi					
Andhra Pradesh					
Karnataka	1950	2139	2228	2300	2384
Maharashtra	2088	2097			3080
Tamilnadu	1447	1471			1576
Uttarakhand		1050	1161	1463	1908
All India	1861	1931	2100	2194	2251
Barley					
Rajasthan	849	850	908	954	1005
Himachal Pradesh				1645	1771
Uttar Pradesh	834	881	939	951	993
Madhya Pradesh					1022
All India	845	860	919	971	1019

Source: Directorate of Economics & Statistics, DA&FW

Note:

1 Cost A2 includes all actual expenses in cash & kind incurred in production by Owner and rent paid for leased-in-land.

2 Family Labour (FL) is calculated on the basis of statutory wage rate or the actual market rate, whichever is higher.

2.73 (c) : State-wise cost of production (A2+FL) for Pulses

(Rs. Per quintal)

State	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)
Arhar					
Andhra Pradesh	4142	4552	4777	5114	4529
Bihar					2417
Gujarat	3509	3772	4000	3857	4018
Karnataka	3096	3276	3369	3463	3616
Madhya Pradesh	2531	2704	2913	3120	3226
Maharashtra	3642	3693		4078	4261
Odisha	3810	4304		5062	5246
Tamil Nadu					4675
Telangana					3940
Uttar Pradesh	3042	3320	3170	3314	3390
All India	3318	3432	3636	3796	3886
Moong					
Andhra Pradesh	3065	3411	4116	4361	3699
Bihar					3671
Karnataka	4589	4724	4305	4525	4860
Gujarat			4621	4814	5147
Madhya Pradesh					4188
Maharashtra	5955	6688	6803	6016	6433
Odisha	4320	4497	4810	5111	5376
Rajasthan	4407	4587	4402	4618	4970
Tamil Nadu					4533
Telangana					5164
Uttar Pradesh					4673
West Bengal	3910	3921			4081
All India	4286	4650	4699	4797	4850
Urad					
Andhra Pradesh	1762	1860	2018	2156	2622
Chattisgarh		2567		4284	4512
Gujarat					4521
Madhya Pradesh	2276	2812	3176	3276	3347
Maharashtra	5355	5697	6264	6281	6496
Odisha	4327	4700	5052	5293	5538
Rajasthan	4889	4927			3637
Tamilnadu	4140	4152	4530	4740	4880
Telangana					3324
Uttar Pradesh	3927	4004	4125	4296	4421
All India	3265	3438	3477	3660	3816

2.73 (c) : State-wise cost of production (A2+FL) for Pulses

(Rs. Per quintal)

State	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)
Gram					
Andhra Pradesh	3052	3245	3503	3004	3303
Bihar				2034	2124
Chhattisgarh	2266	2443	2645	2801	2932
Gujarat				2416	2545
Haryana				2059	2148
Jharkhand				2077	2177
Karnataka	2820	3064	3223	3428	3579
Madhya Pradesh	2284	2402	2551	2713	2835
Maharashtra	2689	2942	3182	3379	3543
Rajasthan	2084	2277	2432	2590	2728
Telangana				2518	2633
Uttar Pradesh	3084	3362	3548	3274	3439
West Bengal					3729
All India	2461	2637	2801	2866	3004
Masur(Lentil)					
Bihar	1853	1951	2054	2149	2260
Madhya Pradesh	2241	2281	2401	2490	2630
Uttar Pradesh	2877	3103	3370	3489	3626
West Bengal	2486	2626	2768	2899	3023
All India	2366	2532	2727	2864	3079

Source: Directorate of Economics & Statistics, DA&FW

Note:

1 Cost A2 includes all actual expenses in cash & kind incurred in production by Owner and rent paid for leased-in-land.

2 Family Labour(FL) is calculated on the basis of statutory wage rate or the actual market rate, whichever is higher.

2.73 (d): State-wise cost of production (A2+FL) for Cotton

					(Rs. Per quintal)
State	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)
		3562			
Andhra Pradesh	3344		3639	3769	3674
		3018			
Gujarat	2998		3082	3182	3279
		3114			
Haryana	2729		3216	3378	3482
		3272			
Karnataka	3253		3327	3454	3577
		3653			
Madhya Pradesh	2625			4177	4304
		3990			
Maharashtra	3982		4039	4201	4323
		3304			
Punjab	3050		3382	3462	3606
		2656			
Rajasthan	2457		2948	3022	3238
		4342			
Tamilnadu	4282		4576	4741	4916
Telangana					4286
		4056			
Odisha			4201	4360	4564
		3433			
All India	3276		3501	3676	3817

Source: Directorate of Economics & Statistics, DA&FW

- Note: 1 Cost A2 includes all actual expenses in cash & kind incurred in production by Owner and rent paid for leased-in-land.
- 2 Family Labour(FL) is calculated on the basis of statutory wage rate or the actual market rate, whichever is higher.

2.73 (e): State-wise cost of production (A2+FL) for Oilseeds

(Rs. Per quintal)					
State	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)
Groundnut					
Andhra Pradesh	2598	2757	2919	3221	4666
Gujarat	3341	3364	3458	3566	3619
Karnataka	4543	4767	4869	5073	5227
Madhya Pradesh					3381
Maharashtra	3213	4253	5659	5902	6223
Odisha		3543	3940	4357	4695
Rajasthan	1534	1554	1658	1755	1824
Telangana					3541
Tamilnadu	4093	4240	4376	4491	4564
Uttar Pradesh					2588
All India	3159	3260	3394	3515	3699
Soybean					
Andhra Pradesh			3694	3825	
Chhattisgarh		2679		2863	2999
Karnataka					2419
Madhya Pradesh	1727	1984	2092	2257	2322
Maharashtra	2753	2777	2796	2950	3006
Rajasthan	2353	2378	3102	2760	2769
Telangana					2917
All India	2121	2266	2473	2587	2633
Sunflower seed					
Andhra Pradesh	3392	3667	3769	3919	4109
Karnataka	3616	3682	3766	3922	
Maharashtra	2727	2988			
Odisha					3485
All India	3481	3592	3767	3921	4010
Sesamum					
Andhra Pradesh	5384	5752	6000	6424	
Gujarat	5790	5912	6194	5771	5965
Karnataka					4388

2.73 (e): State-wise cost of production (A2+FL) for Oilseeds-Contd.

(Rs. Per quintal)					
State	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)
Madhya Pradesh	3523	3685	3823	4033	4560
Odisha		5427		4948	4681
Rajasthan	5112	5205	5626	6388	6623
Tamilnadu	5410	5825			6585
West Bengal	2821	2823	3203	3619	3854
Uttar Pradesh		4516	4724	5041	5131
All India	4067	4166	4322	4570	4871
Nigerseed					
Odisha	3912	3918	3960	4462	4620
All India	3912	3918	3960	4462	4620
Rapeseed and Mustard					
Assam	3990	4195	4408	4586	4226
Bihar	2053	1904	2012	2097	2213
Gujarat	2060	2140	2245	2344	2456
Haryana	1718	1788	1879	1913	2009
Madhya Pradesh	1329	1475	1556	1640	1729
Odisha					3603
Punjab				2003	2109
Rajasthan	2193	2269	2393	2473	2625
Uttar Pradesh	2215	2315	2443	2530	2639
West Bengal	2740	2922	3117	3257	3416
All India	2123	2212	2323	2415	2523
Safflower					
Karnataka	1863	1992	2129	2767	2962
Maharashtra	4207	4438	4491	4544	4893
All India	3125	3294	3470	3551	3627

Source: Directorate of Economics & Statistics, DA&FW

Note:

- 1 Cost A2 includes all actual expenses in cash & kind incurred in production by Owner and rent paid for leased-in-land.
- 2 Family Labour (FL) is calculated on the basis of statutory wage rate or the actual market rate, whichever is higher.

2.73 (f): State-wise cost of production (A2+FL) for Copra

(Rs. Per quintal)

States/UTs	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)
Tamilnadu	3953	4704	4860	4999	5225
Kerala	6042	7819	8041	8295	8642
Karnataka	-	-	6577	6443	6491
Andhra Pradesh	-	-	-	4213	4492
A & N Islands	-	-	-	-	-
All India	5007	6347	6639	6805	6974

Source: CACP

- Note:
- 1 Cost A2 includes all actual expenses in cash & kind incurred in production by Owner and rent paid for leased-in-land.
 - 2 Family Labour(FL) is calculated on the basis of statutory wage rate or the actual market rate, whichever is higher.

2.73 (g): State-wise cost of production (A2+FL) for Jute

(Rs. Per quintal)

States/UTs	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)
West Bengal	2196	2310	2580	2757	2879
Assam	2706	2712	3044	3205	3303
Odisha	2558	2805	-	-	-
Bihar	1696	1761	1937	2008	1992
All India	2160	2267	2534	2709	2832

Source: CACP

- Note:
- 1 Cost A2 includes all actual expenses in cash & kind incurred in production by Owner and rent paid for leased-in-land.
 - 2 Family Labour(FL) is calculated on the basis of statutory wage rate or the actual market rate, whichever is higher.

2.73 (h): State-wise cost of production (A2+FL) for Sugarcane

(Rs. Per quintal)					
States/UTs	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	146	184	192	203	216
Bihar	-	-	-	-	121
Haryana	-	-	-	-	87
Karnataka	104	122	126	133	131
Maharashtra	127	136	146	158	165
Tamilnadu	184	199	214	212	222
Uttar Pradesh	161	165	157	158	154
Uttarakhand	121	134	139	133	124
All India	145	155	156	159	155

Source: CACP

Note: 1 Cost A2 includes all actual expenses in cash & kind incurred in production by Owner and rent paid for leased-in-land.

2 Family Labour(FL) is calculated on the basis of statutory wage rate or the actual market rate, whichever is higher.

3 Cost of Production at Basic Recovery Rate of 10 percent for years 2018-19 to 2021- 22 and at Basic Recovery Rate of 9.5 percent for the year 2017-18

Chapter 3

Food Security, Subsidy and Factors of Production

**3.1(a): State-wise Procurement of Rice and Wheat in major Rice and Wheat Producing States
(According to Marketing Year)**

('000 Tonnes)

State	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Rice (Oct-Sept)										
Punjab	8558	8106	7786	9350	11052	11839	11334	10876	13589	6627
Haryana	2609	2406	2015	2861	3583	3992	3941	4307	3789	3234
Uttar Pradesh	2286	1127	1698	2910	2354	2875	3233	3790	4479	56
Andhra Pradesh	6486	3737	3596	4336	3724	4000	4806	5533	5667	0
Telangana		4353	3504	1579	3596	3618	5190	7454	9454	4
Madhya Pradesh	898	1045	807	849	1314	1096	1395	1740	2497	0
Odisha	3615	2801	3357	3369	3630	3287	4447	4798	5262	0
Tamil Nadu	481	684	1051	1192	144	994	1294	2204	3053	131
West Bengal	1766	1359	2032	1568	1923	1673	1979	1838	1890	0
Chhattisgarh	4804	4290	3423	3442	4022	3255	3971	5053	4672	0
Uttarakhand	497	463	465	598	706	38	462	682	718	156
Others	2044	1474	2306	2164	2058	1507	2347	3551	5008	28
All-India	34044	31845	32040	34218	38106	38174	44399	51826	60078	10236
Wheat (April-March)										
Punjab	12836	10895	11644	10344	10649	11706	12692	12912	12714	13222
Uttar Pradesh	5063	683	628	2267	797	3699	5294	3700	3577	5641
Haryana	8717	5855	6508	6778	6752	7432	8784	9320	7400	8493
Rajasthan	1964	1269	2155	1300	762	1245	1532	1411	2225	2340
Madhya Pradesh	8507	6355	7189	7309	3992	6725	7313	6725	12942	12816
Chattisgarh		9								
Uttarakhand	139	5	1	4	2	2	110	42	38	144
Bihar	772	0		0	0	0	18	3	5	456
Chandigarh	17	8	5		7	8	14	13	11	17
Delhi	31			2	0			0	0	6
Gujarat	156	0		73	0	7	37	5	77	171
Himachal Pradesh	1			11	0		1	1	3	13
Jammu & Kashmir	9									24
Maharashtra	2									1
Jharkhand										
West Bengal	2	2								
All-India	38215	25072	28131	28088	22961	30824	35795	34132	38992	43344

Source : Department of Food and Public Distribution.

3.1(b): State-wise Procurement of Nutri/Coarse Grains in Major Producing States

('000 Tonnes)

State	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Andhra Pradesh	61.12	176.53	6.87	0.00	0.00	0.00	28.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00
Telangana	0.00	0.00	0.00	0.00	0.00	0.00	289.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00
Chhattisgarh	2.34	8.81	1.04	2.61	1.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gujarat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	15.65
Haryana	123.64	310.48	77.00	73.65	17.00	0.00	0.00	0.00	5.00	6.00	31.35**	98.57@	100.00	150.00
Karnataka	13.95	712.38	315.56	39.94	1.00	0.00	729.00	143.00	211.00	0.00	0.00	95.52	202.50	554.82
Madhya Pradesh	0.75	59.91	0.29	8.91	17.00	7.97	87.00	303.00	28.00	238.00*	4.39***	0	5.55	224.93
Maharashtra	1.76	107.02	6.07	2.70	Neg	63.85	96.00	7.00	17.00	16.00	50.46	17.95	123.73	135.94
Punjab	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rajasthan	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Uttar Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.12	0.00	106.41
Bihar	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	203.56	1375.13	406.83	127.83	36.00	71.83	1231.00	465.00	260.00	260.00	86.19	218.05	431.77	1187.75

Source: Department of Food and Public Distribution.

* 50000 tonnes Maize was approved as central pool on 30.12.2016

** 20000 tonnes of Bajra has been approved as central pool

***4385 tonnes of Nutri grains has not been approved

@115000 tonnes of Bajra has been approved as Central Pool

3.2(a): Procurement of Pulses under Price Support Scheme (PSS)

S.No.	Commodity/ Year	Support Price	Quantity	Value	Major State(s) of Procurement
		₹ Per Qtl for FAQ	Procured in Tonnes	₹ Lakhs.	
(1)	(2)	(3)	(4)	(5)	(6)
1.	Arhar				
	2016-17	5050	195993.68	98976.81	Gujarat, Karnataka and Maharashtra
	2017-18	5450	873758.62	476198.45	Andhra Pradesh, Gujarat, Karnataka, Maharashtra and Telangana
	2018-19	5675	291000.87	165142.99	Andhra Pradesh, Gujarat, Karnataka, Madhya Pradesh, Maharashtra, Tamilnadu and Telangana
	2019-20	5800	547272.15	317417.847	Karnataka, Maharashtra & Telangana
	2020-21	6000	11004.46	6602.676	Karnataka, Maharashtra & Gujarat
	2021-22	6300	11680.36	7358.6268	Karnataka, Maharashtra & Telangana
2.	Urad				
	2016-17	-	-	-	-
	2017-18	Rabi - 5000 and Kharif - 5400	292413.90	157273.60	Rajasthan, Maharashtra, Gujarat & Madhya Pradesh
	2018-19	Rabi - 5400 and Kharif - 5600	560980.85	312410.72	Madhya Pradesh, Andhra Pradesh, Rajasthan & Uttar Pradesh
	2019-20	Rabi - 5600 and Kharif - 5700	18373.23	10290.33	Andhra Pradesh, TamilNadu & Odisha
	2020-21	Kharif - 6000	137.16	82.30	Maharashtra
	2021-22	Rabi - 6000 and Kharif - 6300	2578.07	1595.69	Maharashtra, Madhya Pradesh & Gujarat
3.	Gram				
	2016-17	-	-	-	-
	2017-18	-	-	-	-
	2018-19	4400	2769430.16	1218549.27	Rajasthan, Madhya Pradesh, Maharashtra & Karnataka
	2019-20	4620	776406.21	358699.67	Madhya Pradesh, Rajasthan & Telangana
	2020-21	4875	2158434.06	1052236.60	Madhya Pradesh, Rajasthan, Andhra Pradesh & Gujarat
	2021-22	5100	636905.98	324822.05	Madhya Pradesh, Maharashtra & Gujarat
4.	Lentil				
	2016-17	-	-	-	-
	2017-18	-	-	-	-
	2018-19	4250	246943.85	104951.1363	Madhya Pradesh & Uttar Pradesh
	2019-20	4475	56237.87	25166.44683	Madhya Pradesh & Uttar Pradesh
	2020-21	4800	1433.68	688.1664	Madhya Pradesh
	2021-22	5100	18.35	9.3585	Madhya Pradesh
5.	Moong				
	2016-17	5225	9496.71	4962.03	Karnataka and Maharashtra
	2017-18	5225 (Rabi) and 5575 (Kharif)	407309.18	223140.66	Andhra Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Odisha, Rajasthan and Telangana
	2018-19	Rabi - 5575 and Kharif - 6975	306960.29	213505.72	Rajasthan, Maharashtra & Karnataka
	2019-20	Rabi -6975 and Kharif - 7050	166051.49	116871.05	Rajasthan, Andhra Pradesh , Odisha & Karnataka
	2020-21	Rabi -7050 and Kharif 7196	20842.13	14894.16	Rajasthan, Odisha & Haryana
	2021-22	Rabi 7196 and Kharif - 7275	229137.98	165483.96	Madhya Pradesh, Rajasthan & Karnataka

Source : Department of Agriculture & Farmers Welfare
As on 24.02.2022

'FAQ: Fair and Average Quality

3.2(b): Procurement of Pulses (Domestic) under Price Stabilization Fund (PSF)

 (Quantity in Metric Tonnes)
 (Value in ₹ Crore)

S.No.	Commodity/ Year	FCI		NAFED		SFAC		Total		Major State(s) of Procurement
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Arhar									
	2015-16	20256.52	174.88	19989.04	173.64	5259.12	46.40	45504.68	394.92	Madhya Pradesh, Maharashtra, Telangana, Karnataka, Gujarat, Andhra Pradesh and Rajasthan
	2016-17	175305.46	885.08	661431.14	3340.42	71145.15	359.29	907881.76	4584.79	Madhya Pradesh, Maharashtra, Telangana, Gujarat, Karnataka, Andhra Pradesh and Rajasthan
	2017-18	-	-	258076.04	1303.28	-	-	258076.04	1303.28	Madhya Pradesh, Maharashtra, Telangana, Gujarat and Karnataka
	2018-19	-	-	-	-	-	-	-	-	-
	2019-20	-	-	117758.16	683.00	-	-	117758.16	683.00	Telangana, Karnataka
	2020-21	-	-	64995.29	376.97	-	-	64995.29	376.97	Karnataka, Andhra Pradesh, Gujarat
2.	Urad									
	2015-16	4.72	0.06	1763.90	17.47	3122.95	32.72	4891.57	50.25	Madhya Pradesh, Rajasthan, Maharashtra, Uttar Pradesh, Telangana, Gujarat, Karnataka and Andhra Pradesh
	2016-17	18233.91	116.29	59594.93	376.71	10531.13	64.32	88359.97	557.32	Madhya Pradesh, Rajasthan, Telangana, Gujarat, Karnataka and Andhra Pradesh
	2017-18	-	-	-	-	-	-	-	-	-
	2018-19	-	-	-	-	-	-	-	-	-
3.	Gram									
	2015-16	-	-	-	-	-	-	-	-	-
	2016-17	15191.22	92.58	20260.92	119.65	25220.54	149.91	60672.68	362.14	Madhya Pradesh, Maharashtra, Telangana, Uttar Pradesh, Rajasthan, Andhra Pradesh and Karnataka
	2017-18	-	-	60272.29	313.17	-	-	60272.29	313.17	Madhya Pradesh, Rajasthan, Haryana and Uttar Pradesh
	2018-19	-	-	-	-	-	-	-	-	-
4.	Lentil									
	2015-16	-	-	-	-	-	-	-	-	-
	2016-17	4335.54	25.06	2987.53	16.47	1241.19	7.08	8564.26	48.61	Madhya Pradesh, Rajasthan and Uttar Pradesh
	2017-18	-	-	27071.99	107.29	-	-	27071.99	107.29	Madhya Pradesh and Uttar Pradesh
	2018-19	-	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-	-
	2020-21	-	-	92.97	0.50	-	-	92.97	0.50	Madhya Pradesh
	2021-22	-	-	25848.61	160.94	-	-	25848.61	160.94	Madhya Pradesh, Uttar Pradesh, Bihar, West Bengal
5.	Moong									
	2015-16	-	-	-	-	-	-	-	-	-
	2016-17	64737.05	337.86	120594.23	630.10	24505.97	128.04	209837.26	1096.01	Rajasthan, Madhya Pradesh, Telangana, Karnataka, Maharashtra, Haryana and Andhra Pradesh
	2017-18	-	-	-	-	-	-	-	-	-
	2018-19	-	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-	-
	2021-22	-	-	100000.00	719.60	-	-	100000.00	719.60	Madhya Pradesh

Source: Department of Consumer Affairs

FCI: Food Corporation of India, NAFED: National Agricultural Cooperative Marketing Federation of India Ltd., SFAC: Small Farmers' Agri-Business Consortium

3.3: Procurement of Oilseeds by NAFED under Price Support Scheme (PSS)

(As on 24.02.2022)

S.No.	Commodity	Support Price	Quantity	Value	Major State(s) of Procurement
Year	₹ Per Qtl for FAQ	procured in MTs.	₹ Lakhs.		
(1)	(2)	(3)	(4)	(5)	(6)
1. Soybean					
2012-13	2240	NIL	NIL		
2013-14	2560	NIL	NIL		
2014-15	2560	NIL	NIL		
2015-16	2600	NIL	NIL		
2016-17	2775**	162.19	45.00		Maharashtra
2017-18	3050^	72280.74	22045.63		Telangana, Rajasthan, Maharashtra
2018-19	3399	19483.02	6622.28		Telangana, Rajasthan, Maharashtra, Karnataka
2019-20	3710	10677.68	3961.42		Telangana, Maharashtra
2020-21	3880	3.69	1.43		Maharashtra
2021-22	3950	-	-		-
2. Groundnut					
2012-13	3700	NIL	NIL		
2013-14*	3700	830.06	332.02		Odisha
2013-14	4000	340325.35	136130.13		Maharashtra, Gujarat, Rajasthan, U.P., A.P., Karnataka
2014-15	4000	6229.81	2491.92		Odisha
2015-16	4030	NIL	NIL		
2016-17	4220**	210731.16	88928.55		Gujarat
2017-18	4450^	1046970.39	465879.96		A.P., Karnataka, Rajasthan, Gujarat, Odisha
2018-19	Rabi - 4450 and Kharif 4890	719829.94	351889.23		Gujarat, Madhya Pradesh, Rajasthan & Uttar Pradesh
2019-20	Rabi - 4890 and Kharif - 5090	721205.04	367090.75		Rajasthan, Gujarat & Andhra Pradesh
2020-21	Rabi - 5090 and Kharif 5275	286041.56	150849.71		Gujarat, Rajasthan & Uttar Pradesh
2021-22	Rabi - 5275 and Kharif 5550	153556.73	85163.40		Gujarat, Rajasthan & Odisha
3. Safflower Seed					
2012-13	2800	NIL	NIL		
2013-14	3000	NIL	NIL		
2014-15	3050	NIL	NIL		
2015-16	3300	NIL	NIL		
2016-17	3700**	NIL	NIL		
2017-18	4100**	NIL	NIL		
2018-19	4945	NIL	NIL		
2019-20	5215	NIL	NIL		
2020-21	5327	NIL	NIL		
2021-22	5441	NIL	NIL		
4. Mustard Seed					
2012-13	3000	NIL	NIL		
2013-14	3050	NIL	NIL		
2014-15	3100	1714.82	523.02		Rajasthan
2015-16	3350	NIL	NIL		
2016-17	3700**	NIL	NIL		
2017-18	4000**	12040.59	4816.00		Haryana, Rajasthan
2018-19	4200	873661.00	349464.40		Haryana, Rajasthan, Madhya Pradesh & Gujarat
2019-20	4225	1088945.26	457357.0092		Haryana, Rajasthan, Madhya Pradesh & Gujarat
2020-21	4650	803843.64	355700.8107		Haryana, Rajasthan, Madhya Pradesh & Gujarat
2021-22	5050	0.68	0.3162		Madhya Pradesh
5. Sunflower Seed					
2012-13	3700	1499.10	554.67		Karnataka
2013-14	3700	4382.71	2272.58		Odisha, Karnataka, Andhra Pradesh
2014-15	3750	4153.21	1536.69		Odisha, Haryana
2015-16	3800	4241.89	1590.71		Odisha, Haryana
2016-17	3950**	4949.31	1880.72		Odisha, Haryana
2017-18	4100**	6539.04	2582.92		Telangana, Haryana, Odisha
2018-19	5388	2745.43	1125.63		Haryana, Odisha & Telangana
2019-20	5650	3336.33	1797.61		Haryana, Odisha & Telangana
2020-21	5885	5267.08	2975.90		Haryana, Odisha & Telangana
2021-22	6015	3885.72	2286.75		Haryana & Odisha

(contd..)

3.3: Procurement of Oilseeds by NAFED under Price Support Scheme (PSS)-Contd.

(As on 24.02.2022)

S.No.	Commodity	Support Price	Quantity	Value	Major State(s) of Procurement
Year		₹ Per Qtl for FAQ	procured in MTs.	₹ Lakhs.	
(1)	(2)	(3)	(4)	(5)	(6)
6 Copra					
2012-13		5100(Milling)	66454.15	33891.61	Tamil Nadu, Lakshadweep, Kerala, A.P., A&N
		5350 (Ball)	9229.84	4937.96	Karnataka and Kerala
		4335 (Spl.)	49.45	21.44	Andhra Pradesh
2013-14		5250(Milling)	4328.71	2272.58	Tamil Nadu, A&N, Kerala, Andhra
		5500(Ball)	29535.28	16244.40	Pradesh Lakshadweep
2014-15		5250(Milling)	NIL	NIL	Karnataka
		5500(Ball)	NIL	NIL	
2015-16		5550(Milling)	NIL	NIL	
		5830(Ball)	NIL	NIL	
2016-17		5950(Milling)	4488.94	2671.00	Tamil Nadu, Andhra Pradesh,
		6240(Ball)	1836.86	1146.00	Karnataka, Tamil Nadu
2017-18		6500(Milling)	NIL	NIL	
		6785(Ball)	NIL	NIL	
2018-19		7511(Milling)	NIL	NIL	
		7750(Ball)	NIL	NIL	
2019-20		9521(Milling)	313.66	298.64	Tamil Nadu
		9920(Ball)	0.18	0.17	Tamil Nadu
2020-21		9960(Milling)	35.58	35.44	Tamil Nadu
		10300(Ball)	5053.34	5204.94	Karnataka, Tamil Nadu
2021-22		10335 (Milling)	32.95	34.05	TamilNadu
		10600 (Ball)			
7 Sesamum					
2012-13		4200	NIL	NIL	
2013-14		4500	NIL	NIL	
2014-15		4600	NIL	NIL	
2015-16		4700	NIL	NIL	
2016-17		5000^	NIL	NIL	
2017-18		5300**	3739.77	1869.89	West Bengal
2018-19		6249	NIL	NIL	
2019-20		6485	NIL	NIL	
2020-21		6855	NIL	NIL	
2020-21		7307	NIL	NIL	

Source : DES, DA&FW

* Purchased at MSP(₹ 3700/qttl) of 2012-13 for the year 2013-14

** Bonus of ₹ 100 per quintal is payable over and above the MSP.

^ Bonus of ₹ 200 per quintal is payable over and above the MSP.

FAQ: Fair Average Quality, NA: Not Available

3.4: State-wise Cotton Purchases by Cotton Corporation of India (CCI)

(Quantity in Thousand bales of 170 Kgs.each)

States	<u>2015-16</u>			<u>2016-17</u>			<u>2017-18</u>			<u>2018-19</u>			<u>2019-20</u>			<u>2020-21</u>		
	MSP	Commercial	Total	MSP	Commercial	Total	MSP	Commercial	Total	MSP	Commercial	Total	MSP	Commercial	Total	MSP	Commercial	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Punjab	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.10	12.10	0.00	0.30	0.30	355.96	2.10	358.06	536.00	0.00	536.00
Haryana	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.80	20.80	0.00	0.10	0.10	622.86	0.40	623.26	1057.00	0.00	1057.00
Rajasthan	0.00	0.00	0.00	0.00	0.90	0.90	0.00	45.40	45.40	0.00	0.10	0.10	375.69	1.10	376.79	911.00	0.00	911.00
Gujarat	51.50	0.00	51.50	0.00	8.28	8.28	95.11	75.65	170.76	7.98	0.00	7.98	1105.23	0.00	1105.23	415.00	0.00	415.00
Maharashtra	116.80	0.00	116.80	0.00	56.99	56.99	14.65	100.79	115.44	195.75	3.10	198.85	262.58	2.50	2627.78	1751.00	0.30	1751.30
Madhya Pradesh	29.10	0.00	29.10	0.00	0.52	0.52	7.80	11.11	18.91	50.92	0.00	50.92	442.57	1.04	443.61	444.00	0.00	444.00
Andhra Pradesh	39.97	0.00	39.97	0.00	4.81	4.81	6.50	66.54	73.03	4.72	0.00	4.72	268.37	0.00	268.37	342.00	0.00	342.00
Karnataka	0.00	0.00	0.00	0.00	15.90	15.90	0.30	80.50	80.80	8.12	5.90	14.02	349.47	0.70	350.17	126.00	0.00	126.00
West Bengal	0.36	0.00	0.36	0.47	0.00	0.47	0.35	0.00	0.35	0.15	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00
Odisha	11.63	0.00	11.63	0.00	3.55	3.55	1.99	23.61	25.60	25.45	0.00	25.45	160.66	0.00	160.66	205.00	0.00	205.00
Telangana	595.16	0.00	595.16	0.00	34.27	34.27	263.49	244.12	507.61	777.03	0.00	777.03	4180.32	0.00	4180.32	3401.00	0.00	3401.00
Tamil Nadu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.25	28.18	0.00	28.18	0.00	0.20	0.20
Total	844.52	0.00	844.52	0.47	125.16	125.63	390.18	680.62	1070.79	1070.41	9.50	1079.91	10514.60	7.84	10522.44	9189.00	0.50	9189.50

Source : Cotton Corporation of India Ltd., Ministry of Textiles

3.5: State-wise Procurement of Raw Jute

State	2016-17 MSP			2016-17 (Commercial)	
	JCI	Co-Operative	Total (in lakh bales of 180 kgs.)	JCI	Total (in lakh bales of 180 kgs.)
(1)	(2)	(3)	(4)	(5)	(6)
West Bengal	0.261	0.000	0.261	0.709	0.709
Bihar	0.066	0.000	0.066	0.160	0.160
Assam	0.009	0.000	0.009	0.815	0.815
Meghalaya	0.000	0.000	0.000	0.000	0.000
Orissa	0.000	0.000	0.000	0.002	0.002
A.P	0.207	0.025	0.231	0.000	0.000
Tripura	0.007	0.000	0.007	0.000	0.000
Total	0.550	0.025	0.574	1.687	1.687
State	2017-18 MSP			2017-18 (Commercial)	
West Bengal	1.622	0.372	1.994	0.000	0.000
Bihar	0.382	0.000	0.382	0.000	0.000
Assam	0.964	0.000	0.964	0.000	0.000
Meghalaya	0.000	0.000	0.000	0.000	0.000
Orissa	0.050	0.000	0.050	0.000	0.000
A.P	0.000	0.000	0.000	0.000	0.000
Tripura	0.000	0.000	0.000	0.000	0.000
Total	3.018	0.372	3.390	0.000	0.000
State	2018-19 MSP			2018-19 (Commercial)	
West Bengal	0.667	0.030	0.697	0.000	0.000
Bihar	0.023		0.023	0.000	0.000
Assam	0.003		0.003	0.000	0.000
Meghalaya	0.000		0.000	0.000	0.000
Orissa	0.004		0.004	0.000	0.000
A.P	0.000		0.000	0.000	0.000
Tripura	0.000		0.000	0.000	0.000
Total	0.697	0.030	0.727	0.000	0.000
State	2019-20 MSP			2019-20 (Commercial)	
West Bengal	0.708	0.011	0.719	0.144	0.144
Bihar	0.034		0.034	0.000	0.000
Assam	0.067		0.067	0.026	0.026
Meghalaya	0.000		0.000	0.000	0.000
Orissa	0.003		0.003	0.000	0.000
A.P	0.000		0.000	0.000	0.000
Tripura	0.000		0.000	0.000	0.000
Total	0.812	0.011	0.823	0.170	0.170

3.5: State-wise Procurement of Raw Jute

State		2020-21 MSP		2020-21 (Commercial)	
West Bengal	0.036	0.000	0.036	0.765	0.765
Bihar	0.002		0.002	0.059	0.059
Assam	0.000		0.000	0.030	0.030
Meghalaya	0.000		0.000	0.000	0.000
Orissa	0.002		0.002	0.003	0.003
A.P	0.000		0.000	0.000	0.000
Tripura	0.000		0.000	0.000	0.000
Total	0.040	0.000	0.0400	0.857	0.857
State		2021-22 MSP (As on 30.09.2021)		2021-22 (Commercial as on 30.09.21)	
West Bengal	0.000	0.000	0.0000	0.003	0.003
Bihar	0.0024	0.000	0.0024	0.0002	0.0002
Assam	0.0009	0.000	0.0009	0.0008	0.0008
Meghalaya	0.000	0.000	0.0000	0.000	0.000
Orissa	0.000	0.000	0.0000	0.000	0.000
A.P	0.000	0.000	0.0000	0.000	0.000
Tripura	0.000	0.000	0.0000	0.000	0.000
Total	0.0033	0.000	0.0033	0.0040	0.0040

Source : Jute Corporation of India Ltd, Ministry of Textiles

3.6: Per Capita Net Availability of Foodgrains (Per Annum) in India

Year	Rice	Wheat	Other	Cereals	(Kilograms per year)	
					Pulses	Food
				Cereals		Grains
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1951	58.0	24.0	40.0	122.0	22.1	144.1
1956	68.7	22.5	40.7	131.9	25.7	157.6
1961	73.4	28.9	43.6	145.9	25.2	171.1
1966	59.1	34.8	37.5	131.4	17.6	149.0
1971	70.3	37.8	44.3	152.4	18.7	171.1
1976	68.5	29.1	39.2	136.8	18.5	155.3
1981	72.2	47.3	32.8	152.3	13.7	166.0
1985	68.9	50.6	32.1	151.6	13.9	165.5
1990	77.4	48.4	31.7	157.5	15.0	172.5
1991	80.9	60.0	29.2	171.0	15.2	186.2
1992	79.2	57.9	21.5	158.6	12.5	171.1
1993	73.4	51.2	31.6	156.2	13.2	169.4
1994	75.7	58.2	24.5	158.4	13.6	172.0
1995	80.3	63.0	23.7	167.0	13.8	180.8
1996	74.6	64.3	22.6	161.5	12.0	173.5
1997	78.1	65.4	26.6	170.1	13.5	183.6
1998	73.1	55.3	22.8	151.2	12.0	163.2
1999	74.2	59.2	23.1	156.7	13.3	170.0
2000	74.3	58.4	21.5	154.3	11.6	165.9
2001	69.5	49.6	20.5	141.0	10.9	151.9
2002	83.5	60.8	23.1	167.4	12.9	180.4
2003	66.2	65.8	17.1	149.1	10.6	159.7
2004	71.3	59.2	25.3	155.8	13.1	168.9
2005	64.7	56.3	21.7	142.7	11.5	154.2
2006	72.3	56.3	22.1	150.7	11.8	162.5
2007	70.8	57.6	20.3	148.7	12.9	161.6
2008	64.0	53.0	19.7	143.9	15.3	159.2
2009	68.8	56.5	23.3	148.6	13.5	162.1
2010	66.4	61.4	18.8	146.6	12.9	159.5
2011	66.3	59.7	23.9	149.9	15.7	170.9
2012	69.4	57.8	21.9	149.1	15.2	169.3
2013	72.1	66.8	19.2	158.1	15.8	179.5
2014	72.3	66.8	22.6	161.6	16.9	178.6
2015	67.9	61.3	28.4	153.8	16.0	169.8
2016	67.2	72.9	26.1	162.0	15.7	177.7
2017	66.8	66.7	29.4	158.4	20.0	178.4
2018	69.2	61.5	30.6	161.3	18.7	180.1
2019	68.0	65.0	27.4	160.5	15.5	176.0
2020	72.0	64.2	30.9	167.2	16.0	183.1
2021(P)	71.9	66.9	30.1	168.9	16.4	185.4

Source : Directorate of Economics & Statistics, DA&FW

P- Provisional figures are based on 4th Advance Estimates of Production for 2020-21, Net imports during Apr 2020- Mar 2021 and Stock position as on 27-10-2021

Notes:-

- i) Net availability of foodgrains is estimated as: Gross Production (-) seed, feed & wastage (-) exports (+) imports (+/-) change in stocks.
- ii) Net availability of foodgrains divided by the population estimates for a particular year indicate per capita availability of foodgrains in terms of kg/year.
- iii) Estimates of per capita net availability given above are not strictly representative of actual level of consumption in the country especially as they do not take into account any change in stocks in possession of traders, producers and consumers.
- iv) Foodgrains include rice, wheat, other cereals and all pulses

3.7: Per Capita Availability of Certain Important Articles of Consumption

Year	Edible Oil ^a (kg.)	Vanaspati ^b (kg.)	Sugar ^c (Nov-Oct) (kg.)	Cloth ^d (metres)			Tea (gm)	Coffee ^f (gm)
				Cotton ^e	Man-made	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1960-61	3.2	0.8	4.8	13.8	1.2	15.0	296	80.0
1970-71	3.5	1.0	7.4	13.6	2.0	15.6	401	65.0
1971-72	3.0	1.1	6.8	12.4	2.2	14.6	426	65.0
1972-73	2.4	1.0	6.2	13.2	2.0	15.2	458	69.0
1973-74	3.4	0.8	6.1	12.0	1.9	13.9	492	64.0
1974-75	3.3	0.6	5.8	12.9	1.7	14.6	471	62.0
1975-76	3.5	0.8	6.1	12.6	2.0	14.6	446	62.0
1976-77	3.2	0.9	6.0	11.4	2.4	13.8	450	71.0
1977-78	3.8	0.9	7.2	9.5	4.0	13.5	516	73.0
1978-79	3.8	1.0	9.6	10.2	4.8	15.0	599	77.0
1979-80	3.7	1.0	7.8	10.1	4.6	14.7	521	73.0
1980-81	3.8	1.2	7.3	12.9	4.4	17.3	511	79.0
1981-82	5.1	1.3	8.2	12.2	4.9	17.1	466	79.0
1982-83	4.5	1.3	9.0	11.8	4.3	16.1	525	82.0
1983-84	5.8	1.2	10.5	12.6	4.7	17.3	519	78.0
1984-85	5.5	1.3	10.7	12.6	4.6	17.2	576	72.0
1985-86	5.0	1.3	11.1	15.4	6.1	21.5	589	71.0
1986-87	5.0	1.2	11.4	15.2	6.6	21.8	545	76.0
1987-88	5.8	1.2	11.7	14.0	7.0	21.0	592	72.0
1988-89	5.3	1.2	12.1	15.0	8.0	23.0	612	79.0
1989-90	5.3	1.1	12.3	14.6	8.1	22.7	571	65.0
1990-91	5.5	1.0	12.7	15.1	9.0	24.1	612	59.0
1991-92	5.4	1.0	13.0	13.7	9.2	22.9	655	64.0
1992-93	5.8	1.0	13.7	15.6	8.9	24.5	649	60.0
1993-94	6.1	1.0	12.5	15.9	10.3	26.2	667	56.0
1994-95	6.3	1.0	13.2	15.2	10.8	26.0	664	55.0
1995-96	7.0	1.0	14.1	16.3	11.7	28.0	646	55.0
1996-97	8.0	1.0	14.6	16.2	13.1	29.3	657	58.0
1997-98	6.2	1.0	14.5	15.9	15.0	30.9	635	58.0
1998-99	8.5	1.3	14.9	13.1	15.1	28.2	684	65.0
1999-00	9.0	1.4	15.6	14.2	16.4	30.6	642	55.0
2000-01	8.2	1.3	15.8	14.2	16.5	30.7	631	58.0
2001-02	8.8	1.4	16.0	14.8	17.2	32.0	650	67.0
2002-03	7.2	1.4	16.3	14.4	17.0	31.4	623	67.0
2003-04	9.9	1.2	16.1	13.4	17.6	31.0	662	70.0
2004-05	10.2	1.1	15.5	14.1	19.4	33.5	663	72.0
2005-06	10.6	1.1	16.3	16.4	19.7	36.1	687	75.0
2006-07	11.1	1.2	16.8	18.0	21.6	39.6	687	77.0
2007-08	11.4	1.2	17.8	19.0	22.8	41.9	701	80.0
2008-09	12.7	1.3	18.8	17.9	21.1	39.0	704	82.0
2009-10	13.3	1.1	17.9	19.7	23.4	43.1	709	86.0
2010-11	13.6	1.0	17.0	21.4	22.6	44.0	715	90.0
2011-12	13.8	1.0	18.7	19.8	20.7	40.5	728	95.0
2012-13	15.8	0.7	18.7	19.9	18.6	38.5	779	97.0
2013-14	16.8	0.8	19.5	19.9	16.4	36.2	744	100.0
2014-15	18.3	0.8	20.3	23.6	17.0	40.6	752	100.0
2015-16	17.7	0.75	19.4	24.6	15.9	40.5	758	100.0
2016-17	18.2	0.7	18.9	25.75	15.8	41.55	767	100.0
2017-18	19.5	0.7	19.5	26.75	17.88	44.63	830	100.0
2018-19	18.1	0.6	19.5	28.48	18.75	47.23	840	100.0
2019-20	19.2	0.6	18.8	26.82(P)	24.51(P)	53.33(P)	850	100.0
2020-21	19.7(P)	0.5(P)	19.8(P)	NA	NA	NA	863	100.0

Source : Economic Survey 2021-22, Ministry of Finance

(P) Provisional NA: Not Available

a: Includes Groundnut Oil, Rapeseed and Mustard Oil, Sesamum Oil, Nigerseed Oil, Soybean Oil and Sunflower Oil but excludes oil for manufacture of Vanaspati.

b: Relates to calendar year.

c: Relates to actual releases for domestic consumption. Sugar season/year commencing from November to October of following year as opposed to financial year.

d: The data of cloth; prior to 1980-81 is calendar year wise, in meters up to 1984-85 and square metre from 1985-86 onwards.

e: Figures for blended/mixed fabrics were not separately available prior to 1969. These have been included under man-made fibre fabrics after 1969.

f: Figures upto 1971-72 relate to coffee season and thereafter on calendar year basis. The figures for 1972-73 correspond to 1973 and so on.

3.8(a): Trends in Percentage Composition of Consumer Expenditure since 1993-94

Item group	Rural					Urban				
	Share in total consumer expenditure					Share in total consumer expenditure				
	1993-94	1999-00*	2004-05	2009-10	2011-12	1993-94	1999-00*	2004-05	2009-10	2011-12
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Cereal	24.2	22.2	18.0	15.6	12.0	14.0	12.4	10.1	9.1	7.3
Gram	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1
Cereal substitutes	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1
Pulses & products	3.8	3.8	3.1	3.7	3.1	3.0	2.8	2.1	2.7	2.1
Milk & products	9.5	8.8	8.5	8.6	9.1	9.8	8.7	7.9	7.8	7.8
Edible oil	4.4	3.7	4.6	3.7	3.8	4.4	3.1	3.5	2.6	2.7
Egg fish & meat	3.3	3.3	3.3	3.5	3.6	3.4	3.1	2.7	2.7	2.8
Vegetables	6.0	6.2	6.1	6.2	4.8	5.5	5.1	4.5	4.3	3.4
Fruits & nuts	1.7	1.7	1.9	1.6	1.9	2.7	2.4	2.2	2.1	2.3
Sugar	3.1	2.4	2.4	2.4	1.8	2.4	1.6	1.5	1.5	1.2
Salt & spices	2.7	3.0	2.5	2.4	2.4	2.0	2.2	1.7	1.5	1.7
Beverages, etc.	4.2	4.2	4.5	5.6	5.8	7.2	6.4	6.2	6.3	7.1
Food total	63.2	59.4	55.0	53.6	48.6	54.7	48.1	42.5	40.7	38.5
Pan, tobacco, intox.	3.2	2.9	2.7	2.2	2.4	2.3	1.9	1.6	1.2	1.4
Fuel & light	7.4	7.5	10.2	9.5	9.2	6.6	7.8	9.9	8.0	7.6
Clothing & bedding	5.4	6.9	4.5	4.9	6.3	4.7	6.1	4.0	4.7	5.3
Footwear	0.9	1.1	0.8	1.0	1.3	0.9	1.2	0.7	0.9	1.2
Misc. & services	17.3	19.6	23.4	24.0	26.1	27.5	31.3	37.2	37.8	39.7
Durable goods	2.7	2.6	3.4	4.8	6.1	3.3	3.6	4.1	6.7	6.3
Non-food total	36.8	40.6	45.0	46.4	51.4	45.3	51.9	57.5	59.3	61.5
Total expenditure	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source : National Statistical Office (NSO)

* Uniform Reference Period (URP) estimates shown except for 1999-2000, for which only Mixed Reference Period (MRP) estimates are available.

3.8(b): Per capita Consumption of Different Commodities

Commodities	Year	Quantity in Kg/Litre/No.			
		Qty. consumed in a month		Qty. consumed per Annum	
		Rural	Urban	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)
Rice & its Products (Kg)	1993-94	6.79	5.13	82.61	62.42
	1999-00	6.59	5.10	80.18	62.05
	2004-05	6.38	4.71	77.62	57.31
	2009-10	6.14	4.66	74.70	56.64
	2011-12	6.13	4.66	74.62	56.73
Wheat Atta & its Products (Kg)	1993-94	4.32	4.44	52.56	54.02
	1999-00	4.45	4.45	54.14	54.14
	2004-05	4.19	4.36	50.98	53.05
	2009-10	4.36	4.34	53.03	52.82
	2011-12	4.43	4.32	53.85	52.57
Other cereals (Kg)	1993-94	2.29	1.03	27.86	12.53
	1999-00	1.68	0.87	20.44	10.59
	2004-05	1.55	0.87	18.86	10.59
	2009-10	0.85	0.38	10.34	4.60
	2011-12	0.66	0.30	8.03	3.65
All cereals (Kg)	1993-94	13.40	10.60	163.03	128.97
	1999-00	12.72	10.42	154.76	126.78
	2004-05	12.12	9.94	147.46	120.94
	2009-10	11.35	9.37	138.08	114.05
	2011-12	11.22	9.28	136.51	112.91
All pulses & pulse products (Kg)	1993-94	0.76	0.86	9.25	10.46
	1999-00	0.84	1.00	10.22	12.17
	2004-05	0.71	0.82	8.64	9.98
	2009-10	0.65	0.79	7.92	9.60
	2011-12	0.78	0.90	9.53	10.96
All edible oil (Kg)	1993-94	0.37	0.56	4.50	6.81
	1999-00	0.50	0.72	6.08	8.76
	2004-05	0.48	0.66	5.84	8.03
	2009-10	0.64	0.82	7.74	9.95
	2011-12	0.67	0.85	8.20	10.38
Banana (No.)	1993-94	2.20	4.48	26.77	54.51
	1999-00	2.48	5.00	30.17	60.83
	2004-05	2.37	4.14	28.84	50.37
	2009-10	3.86	6.65	46.96	80.91
	2011-12	4.18	6.69	50.86	81.40
Coconut (No.)	1993-94	0.32	0.46	3.89	5.60
	1999-00	0.37	0.51	4.50	6.21
	2004-05	0.35	0.47	4.26	5.72
	2009-10	0.46	0.63	5.55	7.64
	2011-12	0.49	0.61	5.96	7.42
Mango (kg)	1993-94	0.06	0.12	0.73	1.46
	1999-00	0.10	0.16	1.22	1.95
	2004-05	0.09	0.11	1.10	1.34
	2009-10	0.11	0.16	1.31	1.92
	2011-12	0.16	0.20	1.95	2.43
contd...					

3.8(b): Per capita Consumption of Different Commodities-Contd.

Quantity in Kg/Litre/No.

Commodities	Year	Qty. consumed in a month		Qty. consumed per Annum	
		Rural	Urban	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)
Apple (kg)	1993-94	0.03	0.11	0.37	1.34
	1999-00	-	0.08	0.00	0.97
	2004-05	0.03	0.12	0.37	1.40
	2009-10	0.05	0.16	0.55	1.92
	2011-12	0.06	0.19	0.71	2.32
Groundnut (kg)	1993-94	0.03	0.04	0.37	0.49
	1999-00	0.05	0.06	0.61	0.73
	2004-05	0.05	0.08	0.61	0.97
	2009-10	0.05	0.07	0.61	0.82
	2011-12	0.06	0.09	0.77	1.06
Vegetables* (Kg)	1993-94	2.71	2.91	32.97	35.41
	1999-00	3.30	3.49	40.15	42.46
	2004-05	2.92	3.17	35.53	38.57
	2009-10	4.04	4.12	49.14	50.11
	2011-12	4.33	4.32	52.71	52.61
Milk : liquid (litre)	1993-94	3.94	4.89	47.94	59.50
	1999-00	3.79	5.10	46.11	62.05
	2004-05	3.87	5.11	47.09	62.17
	2009-10	4.12	5.36	50.09	65.19
	2011-12	4.33	5.42	52.72	65.97
Eggs (No.)	1993-94	0.64	1.48	7.79	18.01
	1999-00	1.09	2.06	13.26	25.06
	2004-05	1.01	1.72	12.29	20.93
	2009-10	1.73	2.67	21.08	32.53
	2011-12	1.94	3.18	23.60	38.69
Fish (kg)	1993-94	0.18	0.20	2.19	2.43
	1999-00	0.21	0.22	2.56	2.68
	2004-05	0.20	0.21	2.45	2.51
	2009-10	0.27	0.24	3.27	2.90
	2011-12	0.27	0.25	3.24	3.07
Goat meat/ mutton (kg)	1993-94	0.06	0.11	0.73	1.34
	1999-00	0.07	0.10	0.85	1.22
	2004-05	0.05	0.07	0.57	0.85
	2009-10	0.05	0.09	0.57	1.11
	2011-12	0.05	0.08	0.60	0.96
Chicken (kg)	1993-94	0.02	0.03	0.24	0.37
	1999-00	0.04	0.06	0.49	0.73
	2004-05	0.05	0.09	0.61	1.03
	2009-10	0.12	0.18	1.50	2.19
	2011-12	0.18	0.24	2.17	2.91

Source : National Statistical Office (50, 55, 61, 66 & 68th Round)

* Includes potato, onion, brinjal, cauliflower, cabbage and tomato

3.9(a) : Stock of Foodgrains in the Central Pool (as on 1st January)

(Million Tonnes)

Year	Rice	Wheat	Nutri Cereals	Total
(1)	(2)	(3)	(4)	(5)
1991	9.63	9.38	0.12	19.13
1992	9.29	5.43	0.01	14.73
1993	9.48	3.47	0.18	13.13
1994	11.95	11.10	0.47	23.52
1995	17.42	12.88	-	30.30
1996	15.41	13.15	-	28.56
1997	12.94	7.08	-	20.02
1998	11.49	6.76	-	18.25
1999	11.68	12.70	-	24.38
2000	14.18	17.17	-	31.35
2001	20.70	25.04	0.03	45.77
2002	25.62	32.41	0.08	58.11
2003	19.37	28.83	-	48.20
2004	11.73	12.69	0.60	25.02
2005	12.76	8.93	0.00	21.69
2006	12.64	6.19	0.43	19.26
2007	11.98	5.43	0.09	17.50
2008	11.47	7.71	0.00	19.18
2009	17.58	18.21	0.40	36.19
2010	24.35	23.09	0.25	47.69
2011	25.58	21.54	0.10	47.22
2012	29.72	25.67	0.10	55.49
2013	32.22	34.38	0.09	66.69
2014	14.70	28.05	0.38	43.12
2015	11.74	25.11	0.26	37.11
2016	12.69	23.79	0.09	36.57
2017	13.47	13.75	0.14	27.36
2018	16.21	19.56	0.16	35.93
2019	18.29	27.12	0.20	45.61
2020	23.72	32.80	0.32	56.84
2021	18.67	34.29	0.32	53.28

Source : Department of Food & Public Distribution.

**3.9(b) : Existing Foodgrain Buffer Stock Norms for the Central Pool
(applicable since 22.01.2015)**

(Million Tonnes)

Date/Month	Rice	Wheat	Total
(1)	(2)	(3)	(4)
1st April	13.58	7.46	21.04
1st July	13.54	27.58	41.12
1st October	10.25	20.52	30.77
1st January	7.61	13.80	21.41

Source : Department of Food & Public Distribution.

Note: The above norms include a Food Security Reserve of 3 million tonnes of wheat from 01.07.2008 and 2 million tonnes of rice from 01.01.2009

3.10: Consumption and Stock of Raw Jute

(Lakh Bales of 180 Kgs.each)

Year (July-June)	Consumption	Stock (End of Season)
(1)	(2)	(3)
1982-83	75.60	18.98
1983-84	63.83	20.91
1984-85	78.33	7.50
1985-86	87.68	42.42
1986-87	82.00	43.00
1987-88	74.00	34.00
1988-89	84.50	20.50
1989-90	86.00	9.50
1990-91	87.40	16.10
1991-92	79.50	32.00
1992-93	85.00	25.00
1993-94	87.50	9.50
1994-95	85.50	9.00
1995-96	87.00	5.00
1996-97	91.10	18.50
1997-98	130.00	27.00
1998-99	97.00	22.00
1999-00	97.50	10.50
2000-01	97.50	7.00
2001-02	100.00	16.00
2002-03	101.00	34.00
2003-04	96.00	33.00
2004-05	98.00	27.00
2005-06	98.00	8.00
2006-07	89.00	23.00
2007-08	108.00	22.00
2008-09	98.00	8.00
2009-10	89.00	12.00
2010-11	97.00	22.50
2011-12	103.00	31.00
2012-13	104.00	29.00
2013-14	96.00	24.00
2014-15	82.00	15.00
2015-16	79.00	6.00
2016-17	80.00	22.00
2017-18	79.00	22.00
2018-19	79.00	18.00
2019-20	64.00	26.00
2020-21	70.00	5.00
2021-22*	82.00	18.00

Source: Jute Corporation of India, Kolkata

* Estimated

3.11(a): State-wise Storage Capacity

(In Lakh Metric Tonnes)

S.No	State/UTs	March, 2015	March, 2016	March, 2017	March, 2018	March, 2019	March, 2020	March, 2021
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Bihar	10.48	15.10	15.51	25.81	22.10	17.90	15.62
2	Odisha	13.68	11.63	13.44	12.10	13.15	13.39	12.36
3	West Bengal	14.68	16.72	18.59	18.67	19.44	3.90	20.03
4	Sikkim	0.00	0.00	0.00	0.00	0.00	19.13	0.23
5	Jharkhand	2.24	2.53	2.90	3.68	5.51	0.23	4.08
	Total East Zone	41.08	45.98	50.44	60.26	60.20	54.55	52.32
6	Assam	5.68	6.29	3.98	4.68	3.98	4.18	4.20
7	Arunachal Pradesh	0.33	0.23	0.39	0.27	0.30	0.33	0.33
8	Tripura	0.60	0.83	0.43	0.44	0.99	0.44	0.44
9	Manipur	0.32	0.32	0.32	0.32	0.49	0.49	0.52
10	Nagaland	0.40	0.45	0.44	0.48	0.49	0.46	0.46
11	Mizoram	0.67	0.67	0.25	0.93	0.67	0.25	0.25
12	Meghalaya	0.28	0.23	0.23	0.22	0.22	0.22	0.22
	Total North East Zone	8.28	9.02	6.04	7.34	7.14	6.37	6.42
13	Delhi	3.67	3.67	3.67	3.67	3.67	3.67	2.85
14	Haryana	106.14	116.11	100.99	99.17	112.20	131.44	131.61
15	Himachal Pradesh	0.48	0.49	0.30.00	0.51	0.53	0.72	0.78
16	Jammu & Kashmir	2.28	2.49	2.59	2.79	2.46	2.60	2.75
17	Punjab	238.54	252.56	249.67	201.43	234.30	234.27	226.18
18	Chandigarh	0.00	0.00		0.00	0.00	0.06	0.06
19	Rajasthan	25.62	23.24	21.15	19.90	27.83	19.26	20.35
20	Uttar Pradesh	58.39	64.43	57.23	58.72	62.38	54.17	54.49
21	Uttarakhand	3.67	3.80	3.70	3.93	2.94	2.47	2.40
	Total North Zone	438.79	466.79	439.33	390.12	446.31	448.66	441.47
22	Andhra Pradesh	27.36	24.02	28.79	26.80	25.48	22.87	33.52
23	Telangana	17.96	20.88	17.52	27.37	33.42	28.85	17.09
24	Kerala	5.89	5.89	5.55	7.17	7.62	5.63	6.15
25	Karnataka	29.28	29.62	13.88	11.56	12.49	10.87	10.37
26	Tamil Nadu	17.32	16.99	27.42	43.17	31.31	28.96	29.61
27	Puducherry	0.00	0.00	0.00	0.00	0.00	1.34	0.50
28	A&N Islands	0.00	0.00	0.00	0.00	0.00	0.07	0.10
29	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total South Zone	97.81	97.40	93.16	116.07	110.32	98.59	97.34
30	Gujarat	10.11	9.26	8.77	9.28	10.71	7.11	7.12
31	Maharashtra	29.91	31.55	31.87	33.99	38.30	20.49	20.50
32	Goa	0.20	0.20	0.00	0.20	0.00	0.20	0.20
33	Madhya Pradesh	59.17	129.66	124.29	210.73	157.80	92.96	167.86
34	Chhattisgarh	23.87	24.98	19.03	15.04	24.90	27.02	24.73
35	Daman & Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	D&N Haveli	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total West Zone	123.26	195.65	183.96	269.24	231.71	147.78	220.41
	Grand Total	709.22	814.84	772.93	843.03	855.68	755.94	817.96

Source : Department of Food & Public Distribution.

Note: Storage capacity pertains to FCI (both owned and hired) and State Agencies

3.11 (b): State-wise Cold Storage Capacity (as on 31.01.2022)

S.No.	State/UTs	No. of Projects	Capacity (Metric Tonnes)
(1)	(2)	(3)	(4)
1	Andaman & Nicobar Islands (UT)	4	2210
2	Andhra Pradesh & Telangana	438	1697861
3	Arunachal Pradesh	2	6000
4	Assam	41	196996
5	Bihar	313	1479167
6	Chandigarh (UT)	7	12462
7	Chhattisgarh	99	487262
8	Delhi	97	129857
9	Goa	29	7705
10	Gujarat	986	3870413
11	Haryana	370	845329
12	Himachal Pradesh	80	166192
13	Jammu & Kashmir	72	264053
14	Jharkhand	58	236680
15	Karnataka	229	695161
16	Kerala	201	96105
17	Lakshadweep (UT)	1	15
18	Madhya Pradesh	308	1326032
19	Maharashtra	627	1043382
20	Manipur	2	4500
21	Meghalaya	4	8200
22	Mizoram	3	3971
23	Nagaland	5	8150
24	Orissa	179	572121
25	Pondicherry (UT)	3	85
26	Punjab	725	2446241
27	Rajasthan	187	631969
28	Sikkim	2	2100
29	Tamil Nadu	187	395840
30	Telangana	74	411218
31	Tripura	17	51140
32	Uttar Pradesh	2429	14834695
33	Uttarakhand	60	206821
34	West Bengal	515	5948316
	Total	8354	38088249

Source : Directorate of Marketing and Inspection (DMI) upto 2009, National Horticulture Board (NHB), National Horticulture Mission (NHM), Horticulture Mission for North East & Himalayan States (HMNEH) & Ministry of Food Processing Industries (MoFPI) afterwards.

3.12: Food Subsidy

Year	Food Subsidy (in ₹ thousand crore)
(1)	(2)
2009-10	58.2
2010-11	62.9
2011-12	72.4
2012-13	84.6
2013-14	89.7
2014-15	113.2
2015-16	134.9
2016-17	130.7
2017-18*	140
2018-19**	171.1
2019-20***	108.5
2020-21 [#]	541.1
2021-22 [@]	194.1

Source : DFPD

* Includes NSSF loan of ₹25000 crore to FCI.

** Includes National Small Savings Fund (NSSF) loan of ₹ 40000 crore to FCI

***Includes NSSF loan of ₹ 70000 crore to FCI.

[#] ₹ 11436 crore has been reimbursed to DCP State from unutilized NSSF Loan sanctioned to FCI as per instruction of MoF in the FY 2019-20. Out of ₹ 11436 crore, ₹ 10000 crore has been repaid to FCI

[@] As on 18.01.2022.

3.13 : Production and Use of Agricultural Inputs in India

Programme	Unit	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1. Seeds											
(i) Production of Breeder Seeds	Thousand Qtls.	45.54	48.42	61.82	68.46	68.64	73.83	91.96	94.41	102.00	118.85
(ii) Production of Foundation Seeds	Lakh Qtls.	5.44	6.14	6.50	6.90	7.40	7.96	8.25	9.62	11.46	18.06
(iii) Distribution of Certified/Quality Seeds	Lakh Qtls.	91.80	98.03	108.59	120.26	126.75	155.01	179.05	215.81	257.11	277.34
2. Consumption of Chemical Fertilisers											
Nitrogenous (N)	Thousand Tonnes	11310	10474	11076	11714	12723	13774	14419	15090	15580	16558
Phosphatic(P)	Thousand Tonnes	4382	4019	4124	4624	5204	5543	5515	6506	7274	8050
Potassic(K)	Thousand Tonnes	1667	1601	1598	2060	2413	2335	2636	3313	3632	3514
Total (N+P+K)	Thousand Tonnes	17360	16094	16798	18398	20340	21651	22570	24909	26486	28122
Per Hectare	Kgs	92.33	92.55	88.57	96.27	105.53	112.55	115.27	127.53	140.15	142.52
3. Consumption of Pesticides (Technical Grade Material)											
	Thousand Tonnes	47.02	48.35	41.02	40.67	39.77	43.41	41.64	43.86	41.82	55.54

contd...

3.13 : Production and Use of Agricultural Inputs in India -Contd.

Programme	Unit	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
(1)	(2)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
1. Seeds											
(i) Production of Breeder Seeds	Thousand Qtls.	123.38	110.20	82.29	86.21	90.37	110.71	105.08	104.26	92.7	91.16
(ii) Production of Foundation Seeds	Lakh Qtls.	22.26	16.17	17.43	15.76	14.95	22.09	19.54	18.00	22.25	24.12
(iii) Distribution of Certified/Quality Seeds	Lakh Qtls.	294.85	313.44	301.39	303.12	304.04	348.58	352.01	320.41	383.72	421.09
2. Consumption of Chemical Fertilisers											
Nitrogenous (N)	Thousand Tonnes	17300	16821	16750	16946	17372	16735	16958	17628	19100	20404
Phosphatic(P)	Thousand Tonnes	7914	6653	5633	6098	6979	6705	6854	6968	7662	8978
Potassic(K)	Thousand Tonnes	2576	2062	2099	2532	2402	2508	2779	2779	2607	3154
Total (N+P+K)	Thousand Tonnes	27790	25536	24482	25576	26753	25949	26591	27375	29369	32536
Per Hectare	Kgs	142.05	131.46	121.83	128.94	135.76	123.41	127.55	132.57	133.44	137.15
3. Consumption of Pesticides (Technical Grade Material)											
	Thousand Tonnes	52.98	45.62	60.28	56.27	56.72	58.63	63.41	59.67	61.70	

Source: Department of Agriculture & Farmers Welfare

3.14 : Consumption, Production and Import of Fertilisers

Year	Consumption				Production				Imports				(Lakh Tonnes)
	N	P	K	TOTAL	N	P	K	TOTAL	N	P	K	TOTAL	C & F Value of Imported Urea
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
													(₹ Crore)
1981-82	40.69	13.22	6.73	60.64	31.44	9.49	0.00	40.93	10.54	3.43	6.44	20.41	716.62
1982-83	42.24	14.37	7.27	63.88	34.24	9.80	0.00	44.04	4.25	0.63	6.44	11.32	273.53
1983-84	52.05	17.30	7.75	77.10	34.85	10.48	0.00	45.33	6.56	1.43	5.56	13.55	365.05
1984-85	54.87	18.86	8.38	82.11	39.17	12.63	0.00	51.80	20.08	7.45	8.71	36.24	1500.00
1985-86	56.61	20.05	8.08	84.74	43.28	14.28	0.00	57.56	16.80	8.16	9.03	33.99	1405.00
1986-87	57.16	20.79	8.50	86.45	54.10	16.60	0.00	70.70	11.03	2.55	9.52	23.10	651.00
1987-88	57.17	21.87	8.80	87.84	54.66	16.65	0.00	71.31	1.75	-	8.09	9.84	223.77
1988-89	72.51	27.21	10.68	110.40	67.12	22.52	0.00	89.64	2.19	4.07	9.82	16.08	644.52
1989-90	73.86	30.14	11.68	115.68	67.47	17.96	0.00	85.43	5.23	13.11	12.80	31.14	1538.77
1990-91	79.97	32.21	13.28	125.46	69.93	20.52	0.00	90.45	4.14	10.16	13.28	27.58	1335.82
1991-92	80.46	33.21	13.61	127.28	73.01	25.62	0.00	98.63	5.66	9.67	12.36	27.69	1934.19
1992-93	84.26	28.43	8.84	121.53	74.30	23.06	0.00	97.36	11.37	6.89	10.82	29.08	2216.00
1993-94	87.88	26.69	9.09	123.66	72.31	18.16	0.00	90.47	15.88	7.22	8.57	31.67	1300.18
1994-95	95.07	29.32	11.25	135.64	79.45	24.93	0.00	104.38	14.76	3.80	11.09	29.65	1785.11
1995-96	98.23	28.98	11.56	138.77	87.77	25.58	0.00	113.35	19.93	6.47	13.15	39.55	2840.13
1996-97	103.01	29.77	10.30	143.08	85.99	25.56	0.00	111.55	11.67	4.26	6.13	22.06	1701.74
1997-98	109.01	39.14	13.73	161.88	100.86	29.76	0.00	130.62	13.62	6.72	11.40	31.74	1296.57
1998-99	113.54	41.12	13.32	167.98	104.80	31.44	0.00	136.24	6.35	9.68	15.42	31.45	240.00
1999-00	115.92	47.99	16.78	180.69	108.90	33.99	0.00	142.89	8.33	15.03	17.34	40.75	197.16
2000-01	109.20	42.15	15.68	167.02	109.61	37.43	0.00	147.04	1.54	3.96	15.41	20.91	*
2001-02	113.10	43.82	16.67	173.60	107.71	38.61	0.00	146.32	2.69	4.29	17.01	23.99	113.09
2002-03	104.74	40.19	16.01	160.94	105.62	39.06	0.00	144.68	0.67	1.70	15.20	17.57	*
2003-04	110.77	41.24	15.98	167.99	106.34	36.32	0.00	142.66	1.32	3.38	15.48	20.18	*
2004-05	117.14	46.24	20.61	183.98	113.39	40.65	0.00	154.04	4.11	2.96	20.45	27.52	684.73
2005-06	127.23	52.04	24.14	203.41	113.55	42.21	0.00	155.76	13.85	11.21	27.47	52.53	1747.34
2006-07	137.73	55.43	23.35	216.51	115.77	45.17	0.00	160.94	26.88	13.23	20.69	60.80	4647.18
2007-08	144.19	55.15	26.36	225.70	108.99	38.07	0.00	147.06	36.77	12.53	26.53	75.83	8334.65
2008-09	150.91	65.06	33.13	249.09	108.70	34.64	0.00	143.34	38.44	29.27	33.80	101.51	11091.87
2009-10	155.80	72.74	36.32	264.86	119.00	43.21	0.00	162.21	34.47	27.56	29.44	91.47	5754.01
2010-11	165.58	80.50	35.14	281.22	121.57	42.23	0.00	163.80	44.92	38.02	40.69	123.63	8348.89
2011-12	173.00	79.14	25.75	277.90	122.59	43.68	0.00	166.27	52.40	44.27	33.35	130.02	15442.02
2012-13	168.21	66.53	20.62	255.36	121.94	38.30	0.00	160.24	46.90	27.78	12.30	86.98	15980.22
2013-14	167.50	56.33	20.99	244.82	123.78	39.60	0.00	163.38	38.08	15.90	13.33	67.31	14987.95
2014-15	169.45	60.98	25.32	255.76	123.94	41.21	0.00	165.15	47.66	18.32	25.37	91.35	12035.26
2015-16	173.72	69.79	24.02	267.53	134.14	43.94	0.00	178.08	50.68	28.88	20.53	100.09	13984.93
2016-17	167.35	67.05	25.08	259.49	133.51	45.95	0.00	179.46	33.85	21.30	23.25	78.40	7024.32
2017-18	169.58	68.54	27.79	265.91	133.83	47.23	0.00	181.06	35.88	20.47	28.95	85.30	8350.94
2018-19	179.02	68.57	25.29	272.88	132.98	45.94	0.00	178.92	47.01	31.67	26.29	104.97	-
2019-20	191.00	76.62	26.07	293.69	136.85	47.91	0.00	184.76	51.91	24.13	22.8	98.84	-
2020-21	204.04	89.78	31.54	325.36	137.15	47.39	0.00	184.54	56.33	25.43	26.7	108.46	-

Source : Department of Fertilizers and Department of Agriculture & Farmers Welfare

* There was no import of Urea in 2000-01, 2002-03 and 2003-04 in Government account.

Note : 1. Figures relate to imports made on Govt. Account only.

2. The imports made after decanalisation of phosphatic fertilisers (w.e.f. 17.9.1992) and potassic fertilisers (w.e.f. 17.6.1993) include the quantities imported by private parties also.

3.15 (a): State-wise Consumption of Fertilisers in Terms of Nutrients (N, P & K)

		(Thousand Tonnes)											
S.	State/Zone	2018-19				2019-20				2020-21			
No.		N	P	K	Total	N	P	K	Total	N	P	K	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
South Zone													
1	Andhra Pradesh	929.35	429.29	200.44	1559.08	980.95	490.29	211.79	1683.03	1139.63	618.59	267.72	2025.94
2	Telangana	887.27	333.86	102.46	1323.59	987.09	369.68	122.41	1479.18	1169.73	474.60	173.22	1817.55
3	Karnataka	945.27	504.14	284.77	1734.18	1017.59	560.33	282.99	1860.91	1179.45	688.20	355.19	2222.84
4	Kerala	68.66	32.87	56.81	158.34	79.27	33.77	61.83	174.87	88.06	37.96	75.09	201.11
5	Tamil Nadu	566.96	218.13	175.54	960.63	582.30	233.56	171.31	987.17	644.86	269.32	206.72	1120.90
6	Puducherry	7.03	1.23	1.08	9.34	6.78	1.83	0.91	9.52	8.48	2.16	1.55	12.19
7	A&N Islands	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.13
8	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SZ TOTAL	3404.54	1519.52	821.10	5745.16	3653.98	1689.46	851.24	6194.68	4230.34	2090.83	1079.49	7400.66
West Zone													
9	Gujarat	1103.74	326.98	116.20	1546.92	1296.44	381.65	113.58	1791.67	1349.67	470.81	136.93	1957.41
10	Madhya Pradesh	1637.99	868.73	114.42	2621.14	1673.06	894.31	116.02	2683.39	1732.70	1020.62	140.19	2893.51
11	Chhattisgarh	453.35	212.27	57.13	722.75	449.68	225.53	62.14	737.35	525.09	271.99	74.53	871.61
12	Maharashtra	1443.48	836.95	508.25	2788.68	1560.96	898.21	482.12	2941.29	1699.85	1127.93	585.82	3413.60
13	Rajasthan	1096.80	401.86	25.94	1524.60	1217.55	479.06	20.97	1717.58	1242.56	509.77	24.66	1776.99
14	Goa	1.72	1.35	0.95	4.02	1.34	0.87	1.01	3.22	1.77	0.93	0.96	3.66
15	Daman & Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	D&N Haveli	0.12	0.07	0.00	0.19	0.00	0.00	0.00	0.00	0.52	0.36	0.00	0.88
	WZ TOTAL	5737.20	2648.21	822.89	9208.30	6199.03	2879.63	795.84	9874.50	6552.16	3402.41	963.09	10917.66
North Zone													
17	Haryana	1100.09	290.29	47.66	1438.04	1069.64	302.93	37.88	1410.45	1107.03	318.45	39.19	1464.67
18	Punjab	1475.52	354.81	45.61	1875.94	1499.79	363.06	43.03	1905.88	1495.18	382.65	55.42	1933.25
19	Uttar Pradesh	3292.00	1010.84	173.24	4476.08	3740.23	1226.82	205.92	5172.97	3963.73	1426.83	238.43	5628.99
20	Uttarakhand	134.62	23.16	7.67	165.45	123.87	30.73	8.81	163.41	120.68	28.99	8.37	158.04
21	Himachal Pradesh	37.38	9.74	9.16	56.28	38.29	10.38	9.95	58.62	37.75	11.25	10.26	59.26
22	J & K	69.80	22.87	15.80	108.47	50.82	16.83	11.19	78.84	114.10	37.56	28.84	180.50
23	Delhi	9.93	1.30	0.33	11.56	12.27	2.05	0.32	14.64	10.71	1.70	0.29	12.70
24	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NZ TOTAL	6119.34	1713.01	299.47	8131.82	6534.91	1952.80	317.10	8804.81	6849.18	2207.43	380.80	9437.41
East Zone													
25	Bihar	1190.32	350.21	135.81	1676.34	1235.32	423.35	161.83	1820.50	1285.28	457.97	167.71	1910.96
26	Jharkhand	127.09	39.18	4.97	171.24	131.90	45.18	4.59	181.67	144.19	58.24	5.72	208.15
27	Orissa	309.25	132.00	66.73	507.98	348.21	151.22	74.95	574.38	347.24	178.88	85.07	611.19
28	West Bengal	768.89	400.72	324.70	1494.31	790.07	460.47	348.62	1599.16	800.67	518.55	418.39	1737.61
	EZ TOTAL	2395.55	922.11	532.21	3849.87	2505.50	1080.22	589.99	4175.71	2577.38	1213.64	676.89	4467.91
North East Zone													
29	Assam	215.29	48.83	52.15	316.27	181.74	50.12	46.47	278.33	175.63	54.76	49.23	279.62
30	Tripura	12.30	4.42	1.43	18.15	8.73	5.62	5.28	19.63	7.27	6.18	2.59	16.04
31	Manipur	11.18	0.45	0.10	11.73	12.82	3.70	0.98	17.50	10.73	2.54	1.61	14.88
32	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	Nagaland	0.22	0.01	0.00	0.23	0.00	0.00	0.00	0.00	0.30	0.04	0.00	0.34
34	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	Mizoram	6.09	0.09	0.01	6.19	3.78	0.21	0.09	4.08	0.99	0.13	0.00	1.12
36	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NE TOTAL	245.08	53.80	53.69	352.57	207.07	59.65	52.82	319.54	194.92	63.65	53.43	312.00
	ALL INDIA	17901.71	6856.65	2529.36	27287.72	19100.49	7661.76	2606.99	29369.24	20403.98	8977.96	3153.7	32535.64

Source : FMS, Department of Fertilizers

3.15 (b): State-wise Estimated Consumption of Fertiliser (N,P&K) per Hectare

(Kg./Hectare)

S. No.	State/Zone	2018-19				2019-20				2020-21			
		N	P	K	Total	N	P	K	Total	N	P	K	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
South Zone													
1	Andhra Pradesh	100.01	46.20	21.57	167.78	105.44	52.70	22.76	180.91	116.80	63.40	27.44	207.64
2	Telangana	159.19	59.90	18.38	237.48	112.49	42.13	13.95	168.57	129.06	52.36	19.11	200.53
3	Karnataka	95.66	51.02	28.82	175.50	65.38	36.00	18.18	119.57	71.91	41.96	21.65	135.52
4	Kerala	14.19	6.79	11.74	32.71	15.70	6.69	12.24	34.63	17.35	7.48	14.79	39.62
5	Tamil Nadu	96.60	37.17	29.91	163.68	87.07	34.92	25.62	147.61	90.83	37.93	29.12	157.88
6	Puducherry	176.82	30.94	27.17	234.93	173.85	46.92	23.33	244.10	217.07	55.29	39.68	312.04
7	A&N Islands	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.24	0.00	0.00	3.24
8	Lakshadweep												
Average (South Zone)		95.77	42.75	23.10	161.62	80.37	37.16	18.72	136.26	89.10	44.04	22.74	155.88
West Zone													
8	Gujarat	93.57	27.72	9.85	131.14	95.42	28.09	8.36	131.86	99.47	34.70	10.09	144.26
9	Madhya Pradesh	64.73	34.33	4.52	103.58	58.02	31.02	4.02	93.06	57.73	34.00	4.67	96.40
10	Chhattisgarh	70.68	33.09	8.91	112.67	67.54	33.87	9.33	110.74	78.14	40.47	11.09	129.70
11	Maharashtra	65.63	38.05	23.11	126.79	59.11	34.01	18.26	111.37	64.33	42.69	22.17	129.19
12	Rajasthan	43.70	16.01	1.03	60.74	46.56	18.32	0.80	65.68	47.17	19.35	0.94	67.46
13	Goa	17.04	13.38	9.41	39.83	14.54	9.47	10.96	34.97	18.12	9.52	9.83	37.47
14	Daman & Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	D&N Haveli	7.24	4.22	0.00	11.47	0.00	0.00	0.00	0.00	28.73	19.89	0.00	48.62
Average (West Zone)		63.23	29.19	9.07	101.49	60.92	28.30	7.82	97.04	63.50	32.97	9.33	105.80
North Zone													
16	Haryana	170.03	44.87	7.37	222.26	161.46	45.73	5.72	212.90	167.05	48.05	5.91	221.02
17	Punjab	188.21	45.26	5.82	239.29	191.36	46.32	5.49	243.17	190.81	48.83	7.07	246.71
18	Uttar Pradesh	118.59	36.41	6.24	161.24	134.42	44.09	7.40	185.91	133.06	47.90	8.00	188.96
19	Uttarakhand	111.79	19.23	6.37	137.39	102.93	25.54	7.32	135.79	99.39	23.87	6.89	130.15
20	Himachal Pradesh	41.04	10.69	10.06	61.79	41.86	11.35	10.88	64.09	41.20	12.28	11.20	64.68
21	Jammu & Kashmir	36.80	12.06	8.33	57.19	26.62	8.82	5.86	41.30	59.73	19.66	15.10	94.49
22	Delhi	101.21	13.25	3.36	117.83	126.58	21.15	3.30	151.03	110.46	17.53	2.99	130.98
23	Chandigarh												
Average (North Zone)		132.51	37.09	6.48	176.09	140.80	42.08	6.83	189.71	141.54	45.62	7.87	195.03

Contd..

3.15 (b): State-wise Estimated Consumption of Fertiliser (N,P&K) per Hectare-Contd.

S. No.	State/Zone	2018-19				2019-20				2020-21			
		N	P	K	Total	N	P	K	Total	N	P	K	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
East Zone													
24	Bihar	156.48	46.04	17.85	220.37	151.01	51.75	19.78	222.54	136.42	48.61	17.80	202.83
25	Jharkhand	41.74	12.87	1.63	56.23	35.82	12.27	1.25	49.33	34.62	13.98	1.37	49.98
26	Odisha	38.83	16.57	8.38	63.78	40.56	17.61	8.73	66.91	38.67	19.92	9.47	68.06
27	West Bengal	80.69	42.05	34.08	156.82	82.95	48.34	36.60	167.89	83.93	54.36	43.86	182.15
Average (East Zone)		85.11	32.76	18.91	136.78	83.59	36.04	19.68	139.32	80.28	37.80	21.08	139.16
North East Zone													
28	Assam	50.36	11.42	12.20	73.99	39.99	11.03	10.23	61.25	35.68	11.13	10.00	56.81
29	Tripura	21.87	7.86	2.54	32.27	16.77	10.79	10.14	37.70	13.82	11.75	4.92	30.50
30	Manipur	31.60	1.27	0.28	33.15	35.07	10.12	2.68	47.88	29.13	6.89	4.37	40.39
31	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
32	Nagaland	0.61	0.03	0.00	0.64								
33	Arunachal Pradesh	0.00	0.00	0.00	0.00								
34	Mizoram	47.73	0.71	0.08	48.51	29.62	1.65	0.71	31.97	7.76	1.02	0.00	8.78
35	Sikkim												
Average (NEZ) All		41.55	9.12	9.10	59.78	33.32	9.60	8.50	51.42	32.13	10.49	8.81	51.44
India (Average)		86.69	33.20	12.25	132.14	83.11	33.34	11.34	127.79	86.01	37.85	13.29	137.15

Source : FMS, Department of Fertilizers

Note: Estimates of Gross Cropped Area are based on the data from respective State Governments.

3.16 (a): Economics of Application of Fertilisers on Paddy and Wheat in India

													(Quantity in Kgs.)		
Particulars	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
I. Paddy															
Quantity of Paddy required to Buy															
(a) 1 kg N	1.69	1.41	1.17	1.05	1.15	1.07	0.93	0.89	0.86	0.87	0.83	0.79	0.70	0.67	0.65
(b)1 kg of P ₂ O ₅															
- as SSP	2.72	2.27	2.36	2.13	2.00	1.85	3.50	3.16	3.50	3.32	3.07	2.93	2.77	2.70	2.76
	to	to				to									
	4.34	3.61				3.64									
- as DAP	2.62	2.18	1.80	1.62	1.71	1.75	3.81	3.39	3.45	3.45	2.94	2.81	3.09	2.62	2.55
					to	to									
					1.89	3.67									
- as complex	2.83	2.36	1.80	1.62	2.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	to	to			to										
	4.79	3.99			3.00										
(c) 1 kg of K ₂ O	1.20	1.00	0.83	0.74	0.84	0.93	2.27	2.04	2.02	1.89	1.25	1.29	1.52	1.74	1.56
						to									
						1.86									
II. Wheat															
Quantity of Wheat required to Buy															
(a) 1 kg N	1.40	1.05	0.97	0.95	0.99	0.90	0.86	0.83	0.80	0.80	0.75	0.70	0.66	0.64	0.62
(b)1 kg of P ₂ O ₅															
- as SSP	2.25	1.69	1.97	1.93	1.71	1.56	3.24	2.96	3.28	3.07	2.78	2.62	2.63	2.55	2.61
	to	to				to									
	3.58	2.69				3.06									
- as DAP	2.16	1.62	1.50	1.47	1.46	1.47	3.53	3.17	3.24	3.19	2.66	2.51	2.94	2.47	2.41
						to									
						3.08									
- as complex	2.34	1.76	1.50	1.47	1.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	to	to			to										
	3.96	2.97			2.56										
(c) 1 kg of K ₂ O	0.99	0.74	0.69	0.68	0.72	0.78	2.10	1.91	1.90	1.75	1.13	1.15	1.45	1.65	1.48
						to									
						1.57									

Source : Fertiliser Statistics - 2020-21, The Fertiliser Association of India, New Delhi.

3.16 (b) State-wise Status of Soil Health Card Scheme- Cycle-I (2015 to 2017)

S.No.	State/UTs	Cumulative Target for Soil Samples Collection & Testing during Cycle-I (2015-16 & 2016-17)	No. of Samples Collected (Cycle-I)	No. of Samples Tested (Cycle-I)	Cumulative Target for Printing & Distribution of SHCs for Cycle-I (2015-16 & 2016-17)	No. of SHCs Distributed (Cycle-I)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Andaman & Nicobar	1405	1405	1405	10000	10000
2	Andhra Pradesh	1348382	1348382	1348382	7455204	7455204
3	Arunachal Pradesh	20532	20532	20532	20532	20532
4	Assam	278707	278707	278707	1300901	1300901
5	Bihar	1308778	1308778	1308778	6469650	6469650
6	Chhattisgarh	703691	703691	703691	3890709	3890709
7	Dadra and Nagar Haveli	2222	2222	2222	2222	2222
8	Goa	25000	25000	25000	25000	25000
9	Gujarat	1589236	1589236	1589236	5108923	5108923
10	Haryana	788670	788670	788670	4227238	4227238
11	Himachal Pradesh	69635	69635	69635	385011	385011
12	J & K	160687	160687	160687	692062	692062
13	Jharkhand	115302	115302	115302	637507	637507
14	Karnataka	1665765	1665765	1665765	7832189	7832189
15	Kerala	127585	127585	127585	763435	763435
16	Madhya Pradesh	2313977	2313977	2313977	8872377	8872377
17	Maharashtra	2347121	2347121	2347121	12977232	12977232
18	Manipur	20713	20713	20713	114522	114522
19	Meghalaya	39372	39372	39372	209561	209561
20	Mizoram	11986	11986	11986	11986	11986
21	Nagaland	33423	33423	33423	184797	184797
22	Odisha	668635	668635	668635	2374233	2374233
23	Puducherry	3530	3530	3530	19594	19594
24	Punjab	835526	835526	835526	1251726	1251726
25	Rajasthan	2308013	2308013	2308013	6886000	6886000
26	Sikkim	13217	13217	13217	46000	46000
27	Tamil Nadu	1274536	1274536	1274536	7000000	7000000
28	Telangana	1034678	1034678	1034678	5720737	5720737
29	Tripura	32736	32736	32736	117723	117723
30	Uttar Pradesh	4770399	4770399	4770399	17014573	17014573
31	Uttarakhand	135738	135738	135738	750494	750494
32	West Bengal	1300349	1300349	1300349	5040510	5040510
Total		25349546	25349546	25349546	107412648	107412648

Source : Department of Agriculture & Farmers Welfare

3.16 (c): State-wise Status of Soil Health Card Scheme- Cycle-II (2017 to 2019)

S.No.	State/UTs	Cumulative Target for Soil Samples Collection & Testing during Cycle-II (2017-18 & 2018-19)	No. of Samples Collected (Cycle-II)	No. of Samples Tested (Cycle-II)	Cumulative Target for Printing & Distribution of SHCs for Cycle-II (2017-18 & 2018-19)	No. of SHCs Distributed (Cycle-II)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Andaman & Nicobar	11804	8900	5950	11804	5950
2	Andhra Pradesh	1357706	1364148	1364148	6967162	6967162
3	Arunachal Pradesh	22128	14722	8005	44256	55
4	Assam	284778	284778	284778	1300901	1300901
5	Bihar	1308778	1162950	1150356	7236232	6027738
6	Chhattisgarh	949334	949334	949334	4746670	4746670
7	Dadra and Nagar Haveli	2838	2838	2838	12000	12994
8	Goa	20000	17152	16127	20000	16127
9	Gujarat	1684207	1684207	1684207	8694942	8694942
10	Haryana	1245100	1245100	1245100	4540969	4058394
11	Himachal Pradesh	100000	100000	100000	960765	960765
12	J & K	165292	165292	147853	1449398	1018051
13	Jharkhand	115302	116025	116025	637508	641828
14	Karnataka	1665766	1665766	1665766	7832189	7832189
15	Kerala	173980	173980	153439	2350000	2209717
16	Madhya Pradesh	2315844	2315844	2315844	8872453	8907385
17	Maharashtra	2792042	2792042	2792042	13098115	13098115
18	Manipur	20714	20714	20714	114522	114522
19	Meghalaya	39372	43667	43519	215235	246879
20	Mizoram	11986	11986	11986	16458	16458
21	Nagaland	24995	16712	16712	178411	12000
22	Odisha	668636	638388	638388	3343180	1363921
23	Puducherry	7060	7060	5747	12000	7074
24	Punjab	835526	835526	835526	1052554	1160568
25	Rajasthan	2865039	3030961	3022661	10431793	11860699
26	Sikkim	15243	11600	10109	66000	21470
27	Tamil Nadu	1300037	1300037	1300037	6974843	6974843
28	Telangana	960614	960614	960614	4842509	4842509
29	Tripura	32736	32736	32736	117723	117723
30	Uttar Pradesh	4867442	5273224	5082803	23325456	20354551
31	Uttarakhand	137019	139390	139390	882028	882797
32	West Bengal	1300349	1300349	1225000	5100000	4200000
Total		27301667	27686042	27347754	125448076	118674997

Source: Department of Agriculture & Farmers Welfare

3.16 (d):State-wise Model Village status of Soil Health Card Scheme (2019-20)

S.No.	State/UTs	Target for Soil Samples Collection, Testing & Distribution of SHCs during 2019-20	No. of Soil Samples Collected (2019-20)	No. of Soil Samples Tested (2019-20)	No. of SHCs Distributed (2019-20)
(1)	(2)	(3)	(4)	(5)	(6)
1	Andaman & Nicobar	1007	1007	1007	1007
2	Andhra Pradesh	225970	226487	226487	226487
3	Arunachal Pradesh	5432	225	225	225
4	Assam	69457	62000	58500	58500
5	Bihar	154814	122119	122119	122119
6	Chhattisgarh	59302	59302	59302	59302
7	Goa	2900	2360	1950	1950
8	Gujarat	63591	63591	63591	63591
9	Haryana	25235	25235	25235	25235
10	Himachal Pradesh	18725	19671	19671	19671
11	Jammu & Kashmir and Ladak	70246	70246	70246	70246
12	Jharkhand	58572	58572	58572	58572
13	Karnataka	65034	65034	65034	65034
14	Kerala	167200	59000	0	0
15	Madhya Pradesh	144507	127585	127585	127585
16	Maharashtra	201837	201837	201837	201837
17	Manipur	10010	10010	10010	10010
18	Meghalaya	3243	3243	3243	3243
19	Mizoram	2119	2119	2119	2119
20	Nagaland	27304	27304	27304	27304
21	Odisha	162405	162405	99567	94190
22	Puducherry	2504	2508	2508	2508
23	Punjab	17793	17793	17793	17793
24	Rajasthan	86341	86341	86341	104774
25	Sikkim	2936	2936	2936	2936
26	Tamil Nadu	58317	58317	58317	58317
27	Telangana	110664	110664	110664	110664
28	Tripura	15602	15602	15602	15602
29	Uttar Pradesh	255517	255517	255517	255517
30	Uttarakhand	13605	13645	13645	13645
31	West Bengal	143265	58259	4520	0
Total		2245454	1990934	1811447	1819983

Source: Department of Agriculture & Farmers Welfare

3.17(a): Crop-wise Requirement and Availability of Certified/ Quality Seeds

(Lakh Quintals)

Year	2018-19				2019-20				2020-21			
	Require- ment	Availability			Require- ment	Availability			Require- ment	Availability		
		Public	Private	Total		Public	Private	Total		Public	Private	Total
Crop Name		Public	Private	Total		Public	Private	Total		Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Wheat	122.73	49.17	89.78	138.96	121.69	44.89	94.67	139.55	124.75	54.34	97.11	151.44
Paddy	82.61	47.87	47.89	95.77	82.40	52.21	40.07	92.28	98.79	51.50	57.25	108.75
Ragi	0.30	0.45	0.07	0.52	0.28	0.38	0.12	0.49	0.33	0.42	0.11	0.53
Barley	1.89	1.12	1.95	3.07	1.98	0.99	2.04	3.04	1.96	0.71	2.99	3.70
Maize	13.21	1.67	12.49	14.17	12.71	0.93	14.14	15.07	14.99	1.16	14.98	16.13
Bajra	2.48	0.21	2.51	2.72	2.51	0.29	2.45	2.74	2.44	0.30	2.39	2.69
Jowar	2.29	1.42	1.78	3.20	2.28	0.61	2.12	2.73	2.42	0.53	2.19	2.72
Other Cereals	0.14	0.08	0.07	0.14	0.13	0.08	0.07	0.16	0.10	0.06	0.04	0.10
Total	225.66	102.00	156.55	258.55	223.99	100.39	155.68	256.07	245.78	109.00	177.06	286.06
Gram	20.87	17.37	7.88	25.25	21.06	16.31	7.45	23.76	22.03	15.54	8.16	23.71
Urad	3.07	2.77	1.36	4.14	3.11	2.13	1.39	3.51	3.26	2.34	1.33	3.67
Cowpea	0.25	0.14	0.13	0.26	0.37	0.23	0.12	0.35	0.22	0.11	0.12	0.24
Moong	2.35	2.50	0.97	3.47	2.45	2.17	1.15	3.31	2.48	2.02	1.36	3.37
Horse Gram	0.09	0.03	0.06	0.09	0.17	0.03	0.16	0.19	0.18	0.06	0.12	0.19
Lentil	1.48	0.86	0.67	1.53	1.53	0.78	0.74	1.52	1.62	1.11	0.66	1.77
Lathyrus	0.10	0.04	0.06	0.10	0.09	0.04	0.04	0.09	0.10	0.09	0.01	0.10
Peas	2.47	2.34	1.67	4.01	2.35	0.55	1.50	2.06	2.04	0.66	1.35	2.01
Grain Amaranthus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Moth	0.20	0.11	0.12	0.22	0.20	0.08	0.14	0.22	0.24	0.04	0.22	0.26
Arhar	2.83	1.36	1.80	3.17	2.70	1.54	1.63	3.17	2.74	1.06	1.79	2.85
Rajma	0.05	0.00	0.05	0.05	0.05	0.01	0.05	0.06	0.12	0.08	0.00	0.08
Kehsari	0.20	0.09	0.10	0.20	0.21	0.10	0.11	0.21	0.23	0.08	0.14	0.23
Indian bean	0.01	0.00	0.01	0.01	0.07	0.00	0.08	0.08	0.08	0.00	0.08	0.08
Rice bean	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01
Faba bean	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01
Guar	0.00	0.00	0.00	0.00	0.79	0.18	0.67	0.86	0.79	0.22	0.66	0.88
Other Local Pulses	1.06	0.24	0.89	1.12	0.00	0.00	0.00	0.00				
Total	35.03	27.85	15.78	43.63	35.16	24.16	15.23	39.39	36.15	23.44	16.01	39.45
Castor	0.56	0.20	0.42	0.62	0.44	0.05	0.48	0.53	0.52	0.09	0.49	0.58
R/Mustard	2.34	1.78	1.21	2.99	2.47	1.67	1.17	2.84	2.88	1.64	1.44	3.08
Groundnut	25.54	15.63	13.64	29.27	21.33	10.81	14.71	25.52	26.35	14.27	12.43	26.70
Niger	0.04	0.00	0.03	0.03	0.03	0.01	0.02	0.04	0.03	0.01	0.03	0.03
Til	0.49	0.14	0.42	0.55	0.39	0.12	0.29	0.41	0.50	0.17	0.36	0.53
Linseed	0.14	0.05	0.05	0.11	0.19	0.08	0.05	0.13	0.13	0.13	0.03	0.16
Soybean	29.10	11.06	17.10	28.17	30.41	14.39	19.03	33.42	27.23	11.38	12.65	24.03
Sunflower	0.28	0.03	0.40	0.43	0.17	0.02	0.17	0.19	0.33	0.02	0.37	0.39
Safflower	0.06	0.02	0.07	0.10	0.07	0.02	0.05	0.06	0.05	0.02	0.03	0.05
Total	58.57	28.91	33.36	62.27	55.50	27.17	35.97	63.14	58.02	27.74	27.82	55.56
Cotton	2.20	0.02	2.45	2.46	2.15	0.15	2.29	2.44	2.47	0.19	2.58	2.78
Jute/Mesta	0.35	0.26	0.12	0.38	0.31	0.14	0.13	0.27	0.34	0.16	0.17	0.33
Total	2.55	0.28	2.56	2.84	2.46	0.29	2.42	2.71	2.81	0.35	2.76	3.11
Potato	31.50	11.03	20.01	31.04	70.05	11.48	58.01	69.49	100.20	11.13	88.15	99.28
Fodders	0.24	0.53	0.01	0.55	0.16	0.20	0.00	0.20	0.20	0.21	0.00	0.21
Grand Total	353.54	170.60	228.27	398.88	387.31	163.69	267.32	431.01	443.16	171.88	311.79	483.66

Source : Department of Agriculture & Farmers Welfare

3.17(b): Crop-wise Distribution of Certified/ Quality Seeds

(Lakh Quintals)																				
Crops	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Cereals																				
Wheat	32.59	33.00	35.97	41.31	44.21	54.55	63.25	74.83	90.66	97.83	97.61	116.47	93.75	117.83	95.83	124.87	139.30	118.04	126.48	134.96
Paddy	25.58	25.79	26.51	30.98	32.41	43.51	48.93	58.18	60.95	69.34	74.41	72.14	72.45	66.84	74.61	84.57	82.72	72.40	84.63	91.69
Maize	2.75	3.42	3.38	4.13	4.64	5.74	5.80	7.94	7.74	8.94	9.35	9.07	11.20	11.72	17.71	12.90	11.01	11.16	12.72	13.71
Jowar	2.20	2.15	2.37	2.31	2.28	2.32	2.38	2.41	2.24	2.16	1.99	2.29	2.06	1.74	2.02	2.01	1.99	1.42	1.88	1.58
Bajra	1.80	1.79	1.76	1.76	2.17	2.16	1.90	2.20	1.74	2.31	2.27	2.14	2.20	1.94	3.58	2.20	1.82	1.91	2.06	2.05
Ragi and other millets	0.14	0.24	0.21	0.25	0.22	0.21	0.27	0.25	0.05	0.26	0.26	0.29	0.29	0.35	0.30	0.27	0.35	0.30	0.29	0.35
Barley	0.50	0.58	0.62	0.67	0.80	1.08	1.27	1.62	1.77	1.79	3.80	1.97	1.08	2.78	0.90	2.29	0.82	1.63	1.56	1.65
Sub-Total (Cereals)	65.56	66.97	70.82	81.41	86.73	109.87	123.80	147.43	165.15	182.62	189.69	204.37	183.03	203.20	194.95	229.11	238.00	206.87	229.98	246.0029
Pulses																				
Gram	1.53	2.64	3.90	3.62	3.45	5.08	6.73	8.6	12.32	12.50	13.16	14.83	17.48	14.73	13.58	17.17	11.95	19.50	22.46	20.87
Lentil	0.29	0.26	0.35	0.52	0.45	0.54	0.56	0.59	0.55	0.74	0.66	0.70	1.28	1.19	0.98	1.38	0.98	1.27	1.45	1.63
Peas	0.31	0.37	0.60	0.61	0.82	0.93	1.10	1.29	2.07	1.47	1.36	1.79	3.17	2.03	1.73	1.89	1.68	2.77	1.79	1.54
Urad	0.97	1.43	1.32	1.01	0.92	0.8	1.40	1.37	1.61	1.96	2.31	2.33	1.64	1.84	2.23	2.69	3.16	2.23	2.18	2.41
Moong	0.83	0.81	1.21	0.76	0.77	0.23	1.34	1.23	1.29	1.76	2.00	2.13	1.95	2.00	1.83	2.30	2.13	2.20	2.37	2.35
Arhar	0.64	0.64	0.64	0.72	0.77	0.85	1.18	1.09	1.37	1.52	1.92	1.80	1.73	1.69	1.88	2.50	2.39	2.42	2.58	2.63
Cowpea	0.05	0.33	0.05	0.08	0.11	0.09	0.10	0.16	0.20	0.33	0.32	0.45	0.24	0.25	0.18	0.20	0.17	0.16	0.19	0.22
Others	0.07	0.12	0.10	0.08	0.08	0.11	0.16	0.15	0.28	0.56	0.53	0.48	0.31	1.05	0.29	1.34	1.08	1.24	1.15	1.04
Sub-Total (Pulses)	4.69	6.60	8.17	7.40	7.37	9.63	12.57	14.48	19.69	20.83	22.26	24.51	27.80	24.77	22.71	29.47	23.54	31.80	34.16	32.70
Oilseeds																				
Groundnut	5.25	5.42	7.00	7.18	6.96	9.89	14.43	15.90	18.86	21.79	20.02	23.16	19.39	16.56	17.95	19.89	27.37	15.55	19.21	21.81
Rapeseed & Mustard	0.86	0.82	0.91	1.31	1.24	1.36	1.71	1.63	2.09	2.07	2.56	1.88	1.63	2.13	1.15	2.40	2.84	1.88	1.86	1.95
Til	0.16	0.13	0.14	0.12	0.14	0.16	0.22	0.18	0.18	0.20	0.23	0.20	0.18	0.22	0.21	0.27	0.20	0.19	0.34	0.36
Sunflower	0.48	0.61	0.56	0.80	0.90	0.89	0.92	0.80	0.76	0.55	0.29	0.35	0.32	0.28	0.22	0.19	0.29	0.10	0.11	0.13
Soybean	4.99	6.88	10.20	13.36	14.29	14.05	16.52	20.89	28.44	25.55	37.60	32.08	38.94	23.34	27.19	26.46	25.95	30.01	30.97	27.40
Linseed	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.04	0.02	0.02	0.05	0.04	0.04	0.05	0.04	0.05	0.06	0.10
Castorseed	0.26	0.37	0.39	0.41	0.50	0.36	0.42	0.42	0.29	0.31	0.67	0.68	0.51	0.55	0.58	0.62	0.51	0.42	0.50	0.49
Safflower	0.07	0.07	0.04	0.08	0.08	0.07	0.08	0.09	0.07	0.08	0.09	0.04	0.06	0.03	0.09	0.09	0.02	0.02	0.02	0.02
Others	0.01	0.04	0.14	0.15	0.23	0.20	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.01	0.01	0.00	0.04	0.01	0.01
Sub-Total (Oilseeds)	12.10	13.36	19.39	23.42	24.35	27.00	34.33	39.92	50.71	50.61	61.49	58.41	61.09	43.03	47.44	49.97	57.23	48.26	53.09	52.25705
Fibres																				
Cotton	2.62	2.31	2.45	2.56	2.69	2.45	1.89	2.27	2.36	2.33	2.53	2.50	2.28	2.22	1.98	1.85	2.15	2.13	2.87	2.35
Jute	0.21	0.19	0.20	0.19	0.19	0.26	0.24	0.28	0.27	0.27	0.32	0.30	0.30	0.33	0.32	0.32	0.31	0.30	0.29	0.29
Mesta/Others	0.06	0.24	0.13	0.01	0.01	0.34	0.50	0.03	0.02	0.04	0.24	0.15	0.29	1.31	0.19	0.00	0.00	0.03	0.05	0.40
Sub-Total (Fibres)	2.89	2.74	2.78	2.76	2.89	3.05	2.63	2.58	2.65	2.64	3.09	2.95	2.87	3.86	2.49	2.17	2.46	2.46	3.21	3.04
Other Miscellaneous																				
Potato	6.33	7.16	7.01	5.05	5.08	5.12	5.35	10.55	18.68	20.08	16.68	21.47	24.63	28.12	33.88	0.38	30.57	30.83	62.87	87.09
Others	0.23	0.21	0.23	0.22	0.33	0.34	0.37	0.85	0.23	0.55	1.64	1.73	1.97	0.14	2.57	0.33	0.20	0.19	0.40	0.29
Sub-Total (Other Miscs.)	6.56	7.37	7.24	5.27	5.41	5.46	5.72	11.40	18.91	20.63	18.32	23.20	26.60	28.26	36.45	0.71	30.77	31.02	63.27	87.37
Grand Total	91.80	97.04	108.40	120.26	126.75	155.01	179.05	215.81	257.11	277.34	294.85	313.44	301.39	303.12	304.04	311.43	352.01	320.41	383.72	421.09

Source : Department of Agriculture & Farmers Welfare

3.17(c): Crop-wise requirement and availability of Certified/ Quality of Hybrid Seeds

(Thousand Tonnes)

S.No.	Crop	2013-14 Req.	Av.	2014-15 Req.	Av.	2015-16 Req.	Av.	2016-17 Req.	Av.	2017-18 Req.	Av.	2018-19 Req.	Av.	2019-20 Req.	Av.	2020-21 Req.	Av.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Paddy	42.80	34.20	15.10	19.50	38.50	61.40	19.21	22.09	52.37	58.52	53.22	69.30	55.52	57.62	68.99	74.25
2	Maize	94.00	96.60	93.50	106.90	101.60	120.50	100.20	125.29	113.44	129.63	116.06	124.83	98.86	130.41	91.04	97.62
3	Jowar	7.90	10.20	15.60	19.00	17.70	20.00	13.25	19.57	16.53	18.22	10.62	14.31	13.54	18.91	14.06	17.11
4	Bajra	23.60	33.20	21.00	24.80	24.10	26.60	19.64	24.98	25.93	28.81	19.90	21.72	24.29	26.54	23.02	25.49
5	Arhar	0.00	0.00	0.09	0.09	0.10	0.00	0.00	0.00	0.36	0.46	0.04	0.04	0.40	0.41	0.07	0.07
6	Sunflower	4.90	5.40	2.90	3.00	4.40	4.60	6.10	6.26	0.77	0.85	2.68	4.14	1.53	1.74	3.12	3.67
7	Safflower	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
8	Castor	3.40	4.30	7.10	8.40	6.00	6.10	4.91	5.78	5.23	5.49	4.96	5.46	2.31	3.07	2.79	2.81
9	Cotton	15.90	17.90	17.90	21.70	18.70	19.80	18.36	19.73	19.87	22.27	17.99	19.36	17.94	20.76	20.23	23.10
	TOTAL	192.50	201.80	173.19	203.39	211.10	259.00	181.68	223.69	234.54	264.28	225.47	259.16	212.39	259.46	223.30	244.13

Source: Department of Agriculture & Farmers Welfare
 Req.: Requirement Av: Availability

3.18(a): Consumption of Electricity for Agricultural Purposes

Year	Consumption Consumption Purposes (GWh)	Total for Agricultural (GWh)	% Share of Agricultural Consumption to Total Consumption (4)
(1)	(2)	(3)	(4)
1983-84	18234	102344	17.82
1984-85	20960	114068	18.38
1985-86	23422	122999	19.04
1986-87	29444	135952	21.66
1987-88	35267	145613	24.22
1988-89	38878	160196	24.27
1989-90	44056	175419	25.11
1990-91	50321	190357	26.44
1991-92	58557	207645	28.20
1992-93	63328	220674	28.70
1993-94	70699	238569	29.63
1994-95	79301	259630	30.54
1995-96	85732	277029	30.95
1996-97	84019	280206	29.98
1997-98	91242	296749	30.75
1998-99	97195	309734	31.38
1999-00	90934	312841	29.07
2000-01	84729	316600	26.76
2001-02	81673	322459	25.33
2002-03	84486	339598	24.88
2003-04	87089	360937	24.13
2004-05	88555	386134	22.93
2005-06	90292	411887	21.92
2006-07	99023	455748	21.73
2007-08	104182	501977	20.75
2008-09	107776	527564	20.43
2009-10	119492	569618	20.98
2010-11	126377	616969	20.48
2011-12	140960	672933	20.95
2012-13	147462	708843	20.80
2013-14	152744	751908	20.31
2014-15	168913	814250	20.74
2015-16	173185	863364	20.06
2016-17	191151	914093	20.91
2017-18	199247	973131	20.47
2018-19	213409	1037518	20.57
2019-20	211295	1052346	20.08

Source : Central Electricity Authority, New Delhi

3.18(b) : State-wise Consumption of Electricity for Agricultural Purposes

State/UTs	2018-19			2019-20		
	Agriculture (GWh)	Total Energy Sold (GWh)	% Share of Consumption of Agriculture	Agriculture (GWh)	Total Energy Sold (GWh)	% Share of Consumption of Agriculture
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Northern Region						
Chandigarh	1.36	1535.45	0.09	1.02	1603.81	0.06
Delhi	33.43	29168.82	0.11	37.36	29812.02	0.13
Haryana	9714.29	41017.42	23.68	10371.16	43382.05	23.91
Himachal Pradesh	62.98	9040.86	0.70	56.73	9123.99	0.62
Jammu & Kashmir	349.00	9633.20	3.62	368.00	10622.85	3.46
Punjab	11268.38	50119.80	22.48	11581.56	49168.06	23.56
Rajasthan	23300.35	60151.43	38.74	25664.75	61941.93	41.43
Uttar Pradesh	17362.03	91355.02	19.01	18200.05	94932.13	19.17
Uttarakhand	450.19	11543.34	3.90	191.35	12021.35	1.59
Sub-Total (NR)	62542.01	303565.35	20.60	66471.96	312608.20	21.26
Western Division						
Chhattisgarh	5038.43	22210.21	22.69	5082.35	22793.08	22.30
Gujarat	14598.35	95970.44	15.21	11989.83	92245.12	13.00
Madhya Pradesh	20283.80	56972.24	35.60	23016.94	58628.43	39.26
Maharashtra	34616.34	132618.57	26.10	29291.23	125644.95	23.31
Daman & Diu	4.83	2431.44	0.20	4.34	2495.67	0.17
D & N Haveli	7.23	6065.98	0.12	5.25	6287.98	0.08
Goa	26.37	3787.13	0.70	27.29	4104.19	0.66
Sub-Total (WR)	74575.35	320056.02	23.30	69417.23	312199.42	22.23
Southern Region						
Andhra Pradesh	12838.59	55406.79	23.17	15338.12	57118.77	26.85
Telangana	24077.04	58365.62	41.25	20820.54	59364.54	35.07
Karnataka	22788.19	62405.45	36.52	21823.07	61130.64	35.70
Kerala	348.67	21413.72	1.63	360.47	23148.94	1.56
Tamil Nadu	13077.16	91788.33	14.25	13828.26	95919.07	14.42
Puducherry	59.97	2653.82	2.26	55.32	2713.78	2.04
Lakshadweep	0.00	48.91	0.00	0.00	48.42	0.00
Sub-Total (SR)	73189.62	292082.63	25.06	72225.77	299444.17	24.12
Eastern Region						
Bihar	726.71	20856.40	3.48	932.94	22708.58	4.11
Jharkhand (estimated) \$	210.36	21184.40	0.99	193.91	21997.03	0.88
Odisha	558.89	19372.82	2.88	579.15	20715.89	2.80
West Bengal \$	1515.55	48289.72	3.14	1398.75	50481.54	2.77
Sikkim	0.00	380.81	0.00	0.00	411.35	0.00
A & N Islands	1.02	254.68	0.40	1.12	268.50	0.42
Sub-Total (ER)	3012.54	110338.83	2.73	3105.87	116582.90	2.66
North Eastern Region						
Arunachal Pradesh	0.03	446.54	0.01	0.03	418.69	0.01
Assam	46.71	7268.18	0.64	37.00	7109.00	0.52
Manipur	2.12	612.78	0.35	2.18	631.16	0.35
Meghalaya	0.13	1105.02	0.01	0.31	1259.48	0.02
Mizoram	0.00	407.76	0.00	0.14	486.40	0.03
Nagaland	0.00	679.14	0.00	0.00	692.72	0.00
Tripura	40.67	955.69	4.26	34.38	914.22	3.76
Sub-Total (NER)	89.67	11475.10	0.78	74.05	11511.67	0.64
Total(All India)	213409.18	1037517.93	20.57	211294.89	1052346.36	20.08

Source : Central Electricity Authority, New Delhi

GWh: Giga Watt-hour

\$ -Includes Damodar Valley Corporation(DVC) sales to ultimate consumers in Jharkhand & West Bengal area

3.19 (a): Flow of Institutional Credit to Agriculture Sector

(₹ in Crore)

Particulars/Agency	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22(P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
I. Production (ST) Credit										
Co-operative Banks	102592	113574	130350	143803	131880	136102	142750	148287	558121	462501
RRBs	55957	70697	89326	101579	105001	119790	125654	138069	179267	134579
Commercial Banks	314951	364164	415736	419930	452576	497322	483805	538795	156369	123656
Sub Total (A)	473500	548435	635412	665312	689457	753214	752209	825151	893757	720736
II. MT/LT Credit										
Co-operative Banks	8611	6389	8119	9492	10878	14219	9591	9080	636583	436368
RRBs	7724	11956	13157	17681	18215	21426	24013	27257	11415	12484
Commercial Banks	117540	163342	188640	223024	347205	373758	471017	531241	33643	27517
Sub Total (B)	133875	181687	209916	250197	376298	409403	504620	567579	681641	476369
Total Credit (ST + MT/LT)										
Co-operative Banks	111203	119963	138469	153295	142758	150321	152340	157367	1194704	898869
RRBs	63681	82653	102483	119260	123216	141216	149667	165326	190682	147064
Commercial Banks	432491	527506	604376	642954	799781	871080	954823	1070036	190012	151173
Grand Total (A+B)	607375	730122	845328	915509	1065755	1162617	1256830	1392729	1575398	1197105

Source : Department of Agriculture & Farmers Welfare

P: Provisional (as on 31-12-2021)

ST: Short Term

MT: Medium Term

LT: Long Term

3.19 (b): State-wise Agricultural Loan disbursed in 2021-22-Provisional*

(Amount in ₹ Lakh)

S. No	State	Crop Loan		Term Loan		Total	
		No. of A/cs	Amount Disbursed	No. of A/cs	Amount Disbursed	No. of A/cs	Amount Disbursed
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Delhi	2492	66004	17823	724688	20315	790692
2	Haryana	1411171	2145104	267177	666715	1678348	2811819
3	Himachal Pradesh	288608	294887	31073	54767	319681	349654
4	Jammu and Kashmir	537591	537828	11008	79929	548599	617757
5	Punjab	721306	1927274	335259	613338	1056565	2540612
6	Rajasthan	4921151	4332723	948275	1177975	5869426	5510698
7	Chandigarh	1462	6831	7617	28605	9079	35436
8	Ladakh	20494	12377	74	175	20568	12552
9	Arunachal Pradesh	1821	1099	227	1388	2048	2487
10	Assam	76964	55614	872731	429180	949695	484794
11	Manipur	1886	2778	10328	10115	12214	12894
12	Meghalaya	12214	5621	2158	2162	14372	7784
13	Mizoram	2232	1600	8322	11280	10554	12880
14	Nagaland	16564	7025	5192	5426	21756	12451
15	Sikkim	2038	1426	4330	3924	6368	5350
16	Tripura	14225	7020	315956	181726	330181	188746
17	Andaman and Nicobar Island	2491	5503	3368	5183	5859	10686
18	Bihar	470233	531375	2539386	1149831	3009619	1681207
19	Jharkhand	141417	85630	463079	181172	604496	266802
20	Odisha	2092913	1056566	1224190	658301	3317103	1714866
21	West Bengal	1159671	578133	3705027	2401408	4864698	2979541
22	Chhattisgarh	541713	483239	222656	266189	764369	749428
23	Madhya Pradesh	3261173	2886644	870024	876999	4131197	3763643
24	Uttarakhand	191808	220808	130673	146146	322481	366954
25	Uttar Pradesh	3627504	3457247	1497601	1152035	5125105	4609281
26	Goa	12619	21323	14708	28407	27327	49730
27	Gujarat	2097643	4401170	528130	1550809	2625773	5951979
28	Maharashtra	3518719	3108220	1253620	2080506	4772339	5188726
29	Dadar and Nagar Haveli	514	1154	1099	1584	1613	2738
30	Daman and Diu	243	512	767	2852	1010	3365
31	Andhra Pradesh	3877857	5209848	2391850	3369913	6269707	8579760
32	Telangana	1874168	2303726	701317	1367318	2575485	3671044
33	Karnataka	2988845	2697641	2516115	2210099	5504960	4907741
34	Kerala	1837146	2428646	1059324	1701699	2896470	4130345
35	Puducherry	88410	110042	68478	64143	156888	174185
36	Tamilnadu	4971043	6939522	3140360	4520129	8111403	11459651
37	Lakshadweep	609	478	242	151	851	629
GRAND TOTAL		40788958	45932638	25169564	27726267	65958522	73658905

Source : Department of Agriculture & Farmers Welfare

*As on September 30, 2021

3.20: State-wise-Number of Active KCCs

S. No.	State/U.T	KCC as on 31st Januray, 2020
(1)	(2)	(3)
1	Uttar Pradesh	11112690
2	Maharashtra	6415573
3	Madhya Pradesh	5901187
4	Rajasthan	5727665
5	Andhra Pradesh	4855746
6	Karnataka	4185333
7	Telangana	4239359
8	Odisha	4123977
9	Bihar	3138038
10	West Bengal	3069582
11	Gujarat	2417779
12	Tamil Nadu	2011373
13	Haryana	2083526
14	Punjab	1881187
15	Chattisgarh	1512318
16	Kerala	1372645
17	Jharkhand	1140772
18	Assam	907540
19	Uttarakhand	516336
20	Himachal Pradesh	368863
21	Tripura	270970
22	Jammu and Kashmir	119515
23	Meghalaya	90504
24	Nagaland	34226
25	Manipur	25156
26	Mizoram	20889
27	Puducherry	14207
28	Arunachal Pradesh	14053
29	Sikkim	13864
30	Goa	6633
31	Andaman-Nicobar Islands	5345
32	Delhi	3599
33	Chandigarh	494
34	Dadra-Nagar Haveli	438
35	Lakshadweep	413
36	Daman and Diu	314
Grand Total		67602109

Source : Department of Agriculture & Farmers Welfare

3.21(a): State-wise National Agricultural Insurance Scheme (NAIS)-Cumulative upto Rabi 2015-16

(₹ in lakh)

S.No.	State / UTs	No. of Farmers covered	Area Insured (In Ha)	Sum Insured	Farmers' Premium	State Govt. Premium (Share)	Gol Premium (Share)	Gross Premium	Claims Reported	Claims Paid	No. of Farmers Benefitted
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Andhra Pradesh	30,672,015	46,467,871	6,576,695.7	172,126.4	8,311.5	8,311.5	188,749.3	507,808.3	506,419.2	7,030,691
2	A & N Islands	4,773	7,148	2,300.4	3.3	45.0	15.5	63.7	116.4	116.4	1,102
3	Assam	422,654	309,427	90,821.9	2,269.2	130.8	130.8	2,530.7	1,693.4	1,693.4	66,123
4	Bihar	10,707,824	11,710,269	2,829,879.3	57,771.3	2,566.7	2,566.7	62,904.8	406,524.1	386,815.4	4,559,247
5	Chhattisgarh	11,802,512	23,539,517	1,504,999.3	35,314.5	1,955.6	906.3	38,176.4	110,738.6	110,738.6	2,389,516
6	Goa	8,211	13,440	318.1	4.3	0.7	0.6	5.7	2.4	2.4	702
7	Gujarat	15,496,182	35,194,683	4,931,870.7	179,895.8	15,697.4	7,080.2	202,673.4	880,390.0	880,390.0	5,500,924
8	Haryana	635,778	769,038	83,496.1	2,345.7	34.1	34.1	2,414.0	4,336.4	4,336.4	129,424
9	Himachal Pradesh	372,427	292,222	78,532.7	900.4	668.8	87.9	1,657.1	2,252.0	2,252.0	114,714
10	Jammu & Kashmir	49,065	68,995	10,902.2	197.9	8.0	8.0	213.8	126.4	126.4	4,492
11	Jharkhand	6,931,179	4,247,333	459,685.5	10,461.0	353.7	353.7	11,168.4	75,038.9	73,889.0	2,582,643
12	Karnataka	14,359,973	22,589,874	2,013,979.9	54,238.7	1,861.5	1,812.4	57,912.6	288,765.5	288,765.5	6,100,272
13	Kerala	461,282	414,761	87,165.6	1,630.0	125.8	125.8	1,881.6	3,062.8	3,062.8	85,472
14	Madhya Pradesh	43,800,967	103,200,640	10,011,468.9	260,721.1	3,598.2	3,598.2	267,917.6	1,027,918.2	1,027,918.1	9,988,946
15	Maharashtra	51,771,827	40,870,934	3,972,296.7	127,454.4	33,428.3	8,589.9	169,472.6	984,056.0	984,056.0	24,812,509
16	Manipur	35,645	57,472	14,812.3	348.4	10.2	10.2	368.7	1,226.2	1,226.2	29,932
17	Meghalaya	36,357	36,343	7,473.4	277.1	21.3	21.3	319.7	68.5	68.5	3,600
18	Mizoram	121	134	23.2	0.5	0.0	0.0	0.6	11.2	11.2	119
19	Odisha	19,975,543	19,460,413	3,623,794.7	81,722.2	4,494.7	4,494.7	90,711.6	387,731.5	387,731.5	4,408,909
20	Puducherry	43,258	59,993	11,669.9	137.2	73.0	17.9	228.1	317.0	313.7	7,269
21	Rajasthan	15,058,674	31,379,980	1,620,309.0	45,016.7	368.8	368.8	45,754.4	262,166.0	262,166.0	5,200,566
22	Sikkim	2,062	1,445	352.0	6.8	0.5	0.5	7.7	1.3	1.3	86
23	Tamil Nadu	8,308,820	10,560,218	2,584,557.8	33,920.6	31,077.1	2,291.0	67,288.6	350,700.7	350,633.7	3,260,202
24	Telangana	1,335,400	1,580,373	679,159.9	17,820.5	794.3	794.3	19,409.1	34,477.2	34,335.7	539,401
25	Tripura	21,347	14,086	3,301.7	80.7	4.9	4.9	90.4	58.5	58.3	3,450
26	Uttar Pradesh	23,426,012	31,070,386	3,353,782.5	63,262.8	2,609.6	2,609.6	68,482.0	116,937.5	116,937.5	4,517,617
27	Uttarakhand	399,156	372,509	87,097.9	1,799.5	89.3	89.3	1,978.1	4,188.3	4,188.3	119,370
28	West Bengal	15,115,455	7,428,042	2,109,728.7	50,201.0	53,334.5	5,776.1	109,311.6	172,568.3	172,513.8	3,594,384
Total		271,254,519	391,717,547	46,750,476.0	1,199,928.2	161,664.2	50,100.0	1,411,692.4	5,623,281.7	5,600,767.5	85,051,682

Source: Department of Agriculture & Farmers Welfare

3.21 (b): Season-wise National Agricultural Insurance Scheme (NAIS)-Cumulative upto Rabi 2015-16

(₹ in lakh)											
S.No.	State / UTs	No. of Farmers covered	Area Insured (In Ha)	Sum Insured	Farmers' Premium	State Govt. Premium (Share)	Gol Premium (Share)	Gross Premium	Claims Reported	Claims Paid	No. of Farmers Benefitted
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Rabi 1999-00	579,940	780,569	35,640.7	376.8	82.9	82.9	542.5	769.3	769.3	55,288
2	Kharif 2000	8,409,374	13,219,829	690,338.4	15,933.7	2,369.9	2,369.9	20,673.6	122,248.2	122,248.2	3,635,252
3	Rabi 2000-01	2,091,733	3,111,423	160,268.5	1,955.2	411.8	411.8	2,778.8	5,948.6	5,948.6	526,697
	Total 2000-01	11,081,047	17,111,821	886,247.6	18,265.7	2,864.6	2,864.6	23,994.8	128,966.0	128,966.0	4,217,237
4	Kharif 2001	8,696,587	12,887,710	750,246.1	21,399.7	2,381.1	2,381.1	26,161.8	49,363.6	49,363.6	1,741,906
5	Rabi 2001-02	1,955,431	3,145,873	149,751.1	2,237.0	388.9	388.9	3,014.8	6,465.8	6,465.8	453,325
	Total 2001-02	10,652,018	16,033,583	899,997.2	23,636.7	2,770.0	2,770.0	29,176.6	55,829.4	55,829.4	2,195,231
6	Kharif 2002	9,768,711	15,532,349	943,169.4	28,060.3	2,243.2	2,243.2	32,546.7	182,439.2	182,439.2	4,297,155
7	Rabi 2002-03	2,326,811	4,037,824	183,754.5	3,177.6	336.4	336.4	3,850.4	18,854.8	18,854.8	926,408
	Total 2002-03	12,095,522	19,570,173	1,126,923.9	31,237.9	2,579.6	2,579.6	36,397.1	201,294.0	201,294.0	5,223,563
8	Kharif 2003	7,970,830	12,355,514	811,412.6	25,888.6	1,222.3	1,222.3	28,333.2	65,268.6	65,268.6	1,712,271
9	Rabi 2003-04	4,421,287	6,468,663	304,949.2	5,781.7	312.1	312.1	6,405.9	49,710.4	49,710.4	2,098,125
	Total 2003-04	12,392,117	18,824,177	1,116,361.8	31,670.3	1,534.4	1,534.4	34,739.1	114,979.0	114,979.0	3,810,396
10	Kharif 2004	12,687,203	24,273,394	1,317,061.6	43,885.1	1,004.6	1,004.6	45,894.3	103,833.0	103,833.0	2,674,746
11	Rabi 2004-05	3,531,045	5,343,244	377,420.5	7,172.9	206.2	206.2	7,585.3	16,058.6	16,058.6	772,779
	Total 2004-05	16,218,248	29,616,638	1,694,482.1	51,058.0	1,210.8	1,210.8	53,479.6	119,891.5	119,891.5	3,447,525
12	Kharif 2005	12,673,833	20,531,038	1,351,909.8	42,951.4	1,021.8	1,021.8	44,994.9	108,644.9	108,644.9	2,687,605
13	Rabi 2005-06	4,048,524	7,218,417	507,166.1	9,959.3	261.6	261.6	10,482.4	33,830.2	33,830.2	980,748
	Total 2005-06	16,722,357	27,749,455	1,859,075.9	52,910.7	1,283.3	1,283.3	55,477.3	142,475.1	142,475.1	3,668,353
14	Kharif 2006	12,934,060	19,672,280	1,475,936.1	44,074.1	1,592.6	1,062.5	46,729.1	177,621.9	177,621.9	3,131,511
15	Rabi 2006-07	4,977,980	7,632,882	654,221.4	13,149.8	769.5	368.3	14,287.6	51,597.4	51,597.4	1,391,554
	Total 2006-07	17,912,040	27,305,162	2,130,157.5	57,223.9	2,362.1	1,430.7	61,016.7	229,219.3	229,219.3	4,523,065
16	Kharif 2007	13,398,822	20,754,747	1,700,796.4	49,766.2	1,429.3	1,236.7	52,432.3	91,535.7	91,535.7	1,591,863
17	Rabi 2007-08	5,044,016	7,387,156	746,664.3	14,071.4	1,345.3	454.3	15,871.0	81,017.9	81,017.9	1,578,668
	Total 2007-08	18,442,838	28,141,903	2,447,460.7	63,837.7	2,774.6	1,691.1	68,303.3	172,553.6	172,553.6	3,170,531
18	Kharif 2008	12,992,272	17,636,187	1,566,607.3	47,822.2	2,192.9	1,179.3	51,194.4	237,780.3	237,780.3	4,218,975
19	Rabi 2008-09	6,210,648	8,857,836	1,114,871.0	22,332.1	6,296.3	943.7	29,572.1	150,981.8	150,981.8	1,979,705
	Total 2008-09	19,202,920	26,494,023	2,681,478.3	70,154.3	8,489.1	2,123.0	80,766.4	388,762.1	388,762.1	6,198,680
20	Kharif 2009	18,253,072	25,769,817	2,761,670.6	80,572.3	3,589.2	2,123.4	86,284.9	453,771.3	453,771.3	7,970,974
21	Rabi 2009-10	5,681,148	7,899,761	1,100,750.2	21,674.7	6,524.5	971.3	29,170.5	58,039.7	58,039.7	1,040,659
	Total 2009-10	23,934,220	33,669,578	3,862,420.8	102,247.0	10,113.7	3,094.7	115,455.4	511,811.0	511,811.0	9,011,633
22	Kharif 2010	12,682,242	17,108,888	2,371,089.6	67,637.1	2,612.5	1,928.9	72,178.5	164,177.7	164,177.7	2,253,293
23	Rabi 2010-11	4,967,878	6,938,628	1,101,055.6	20,398.7	8,405.3	1,012.7	29,816.7	65,793.6	65,793.6	1,138,466
	Total 2010-11	17,650,120	24,047,517	3,472,145.2	88,035.8	11,017.8	2,941.6	101,995.3	229,971.4	229,971.4	3,391,759
24	Kharif 2011	11,554,561	15,776,489	2,348,710.8	66,203.6	3,347.2	1,884.0	71,434.9	166,561.9	166,561.9	1,844,744
25	Rabi 2011-12	5,239,299	7,609,278	1,128,393.6	19,447.7	5,669.7	650.4	25,767.8	54,337.3	54,254.6	1,287,237
	Total 2011-12	16,793,860	23,385,766	3,477,104.5	85,651.4	9,016.9	2,534.4	97,202.7	220,899.3	220,816.6	3,131,981
26	Kharif 2012	10,649,354	15,693,701	2,719,906.1	76,983.3	8,824.4	2,066.5	87,874.2	278,854.1	278,836.2	1,912,523
27	Rabi 2012-13	6,141,726	8,691,157	1,571,008.6	27,181.8	16,621.7	957.0	44,760.6	210,833.5	209,849.5	2,555,305
	Total 2012-13	16,791,080	24,384,857	4,290,914.7	104,165.1	25,446.1	3,023.6	132,634.8	489,687.6	488,685.8	4,467,828
28	Kharif 2013	9,746,431	14,231,634	2,900,469.5	82,132.2	13,389.9	2,249.5	97,771.5	327,154.8	327,054.3	2,812,433
29	Rabi 2013-14	3,973,611	6,476,265	1,254,945.3	20,389.0	8,647.2	711.6	29,747.7	105,206.8	105,205.4	996,191
	Total 2013-14	13,720,042	20,707,899	4,155,414.7	102,521.2	22,037.1	2,961.0	127,519.3	432,361.6	432,259.7	3,808,624
30	Kharif 2014	9,728,678	11,589,544	2,450,085.1	78,728.5	4,038.2	1,987.5	84,754.1	295,282.5	295,158.1	4,370,982
31	Rabi 2014-15	7,009,527	9,180,141	2,137,997.3	36,702.9	16,446.9	1,906.1	55,055.9	133,519.2	133,024.7	2,040,638
	Total 2014-15	16,738,205	20,769,685	4,588,082.4	115,431.4	20,485.1	3,893.6	139,810.1	428,801.7	428,182.8	6,411,620
32	Kharif 2015	20,697,680	22,028,058	5,261,509.0	152,398.2	17,739.5	11,735.3	181,872.9	1,524,451.5	1,523,243.3	14,047,183
33	Rabi 2015-16	10,210,205	11,877,252	2,800,699.7	49,483.0	19,939.7	2,428.3	71,851.0	231,327.5	211,826.8	4,326,473
	Total 2015-16	30,907,885	33,905,309	8,062,208.7	201,881.2	37,679.1	14,163.6	253,723.9	1,755,779.0	1,735,070.2	18,373,656
	Kharif Seasons Total	192,843,710	279,061,177	31,420,918.2	924,436.4	68,998.5	37,696.5	1,031,131.4	4,348,989.1	4,347,538.2	60,903,416
	Rabi Seasons Total	78,410,809	112,656,369	15,329,557.8	275,491.7	92,665.7	12,403.5	380,561.0	1,274,292.6	1,253,229.3	24,148,266
	Grand Total	271,254,519	391,717,547	46,750,476.0	1,199,928.2	161,664.2	50,100.0	1,411,692.4	5,623,281.7	5,600,767.5	85,051,682

Source: Department of Agriculture & Farmers Welfare

3.22(a): State-wise Weather Based Crop Insurance Scheme (WBCIS)-Cumulative upto Rabi 2015-16

											(₹ in lakh)
S. No.	State / UT	Farmers Insured (no.)	Area Insured (ha.)	Sum Insured	Farmers' Premium	GOI Premium (share)	State Govt Premium (share)	Gross Premium	Claims Payable	Claims Paid	Farmers Benefitted (no.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Andhra Pradesh	3,617,986	5,903,513	1,512,791.2	61,899.9	44,573.2	44,573.2	151,046.4	108,006.6	107,706.0	2,387,860
2	Assam	67,633	38,964	23,621.4	1,195.5	597.3	597.3	2,390.2	1,894.1	734.2	46,988
3	Bihar	12,798,379	13,024,060	3,023,143.9	86,591.6	88,790.0	88,790.0	264,171.6	198,725.7	148,452.8	10,634,599
4	Chhattisgarh	1,281,280	2,235,656	442,190.7	18,885.9	12,057.7	11,113.3	42,056.9	31,873.0	31,873.0	842,974
5	Gujarat	497,661	413,126	22,394.7	251.8	1,147.9	839.8	2,239.5	857.4	857.4	170,576
6	Haryana	358,578	599,155	189,424.2	3,682.9	7,447.2	5,575.0	16,705.1	6,503.9	6,466.7	249,853
7	Himachal Pradesh	390,329	111,872	141,568.2	7,785.4	3,753.3	3,753.3	15,292.1	12,262.8	10,620.9	275,904
8	Jammu & Kashmir	1,364	809	461.3	23.1	11.5	11.5	46.1	54.2	23.9	1,364
9	Jharkhand	584,956	561,469	120,812.7	4,162.2	3,247.3	3,247.3	10,656.9	7,750.8	7,625.4	526,610
10	Karnataka	979,059	1,213,009	233,624.8	11,498.5	7,504.9	7,504.9	26,508.2	18,720.7	18,636.8	792,321
11	Kerala	162,894	119,925	36,981.5	1,255.6	1,347.5	1,013.5	3,616.6	3,318.6	3,275.9	128,575
12	Madhya Pradesh	1,365,445	1,889,229	502,304.1	17,924.1	15,796.4	15,796.4	49,517.0	31,783.3	31,777.4	1,152,948
13	Maharashtra	2,908,194	2,932,529	783,270.2	37,825.5	31,185.0	26,241.1	95,251.6	111,351.0	111,110.9	2,546,866
14	Odisha	315,755	456,542	65,780.8	1,414.1	2,121.1	2,121.1	5,656.3	3,210.4	3,210.4	215,814
15	Punjab	17	95	19.0	0.5	0.7	0.7	1.9	-	-	-
16	Rajasthan	44,560,525	57,238,865	4,709,758.1	166,321.6	151,401.5	151,401.5	469,124.6	414,632.4	404,875.9	29,319,448
17	Tamil Nadu	130,363	169,781	84,348.8	916.4	1,040.0	1,040.0	2,996.5	2,496.4	2,328.9	72,798
18	Telangana	166,656	174,238	53,089.2	2,630.2	1,315.1	1,315.1	5,260.5	12,470.0	12,261.3	157,734
19	Uttar Pradesh	1,543,617	1,318,114	265,304.2	12,053.7	16,714.4	16,714.4	45,482.5	54,405.6	54,247.3	1,394,020
20	Uttarakhand	177,887	154,517	63,102.4	3,245.0	1,478.2	1,478.2	6,201.4	9,198.6	9,192.8	116,083
21	West Bengal	113,560	107,462	20,111.8	620.8	651.3	651.3	1,923.4	1,619.1	1,269.1	71,012
TOTAL		72,022,138	88,662,931	12,294,103.2	440,184.4	392,181.7	383,779.2	1,216,145.2	1,031,134.5	966,547.1	51,104,347

Source: Department of Agriculture & Farmers Welfare

3.22(b): Season-wise Weather Based Crop Insurance Scheme (WBCIS)-Cumulative (upto Rabi 2015-16)

(₹ in lakh)

Sl. No.	Season	Farmers Insured	Area Insured (Ha)	Sum Insured	Farmers' Premium	GOI Premium (share)	State Govt Premium (share)	Gross Premium	Claims Payable	Claims Paid	Farmers benefitted (No.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Kharif 2007	43,790	50,074	5,301.0	141.8	280.7	280.7	703.1	524.1	524.1	35,275
2	Rabi 2007-08	627,167	984,552	170,495.1	4,299.8	4,772.7	4,772.7	13,845.1	9,891.7	9,891.7	185,673
	Total 2007-08	670,957	1,034,626	175,796.1	4,441.6	5,053.3	5,053.3	14,548.2	10,415.8	10,415.8	220,948
3	Kharif 2008	165,109	178,654	31,313.1	831.4	1,181.0	1,155.7	3,168.0	1,439.8	1,439.8	104,483
4	Rabi 2008-09	167,983	188,290	42,244.2	868.4	1,345.6	1,345.6	3,559.5	2,611.0	2,611.0	112,028
	Total 2008-09	333,092	366,943	73,557.3	1,699.8	2,526.6	2,501.3	6,727.6	4,050.8	4,050.8	216,511
5	Kharif 2009	1,134,219	1,425,674	251,891.7	5,641.0	7,392.0	6,869.8	19,902.8	15,314.7	15,314.7	889,296
6	Rabi 2009-10	873,352	1,227,015	197,636.4	3,998.4	6,039.0	6,039.0	16,076.4	13,790.1	13,723.2	460,657
	Total 2009-10	2,007,571	2,652,689	449,528.1	9,639.3	13,431.0	12,908.8	35,979.2	29,104.7	29,037.9	1,349,953
7	Kharif 2010	4,916,784	7,393,242	567,689.6	16,823.5	23,028.5	19,698.4	59,550.5	19,193.9	19,185.7	1,790,436
8	Rabi 2010-11	4,383,504	5,745,537	863,379.3	17,619.7	25,883.2	25,883.2	69,386.1	44,264.3	44,239.7	2,526,629
	Total 2010-11	9,300,288	13,138,779	1,431,068.9	34,443.2	48,911.7	45,581.6	128,936.5	63,458.2	63,425.4	4,317,065
9	Kharif 2011	6,906,021	9,786,317	1,035,161.6	33,167.5	34,902.8	34,902.8	102,973.0	42,587.8	42,507.8	3,597,821
10	Rabi 2011-12	4,765,377	5,847,307	985,781.6	20,835.3	30,951.4	29,671.6	81,458.3	75,113.7	66,635.6	2,732,017
	Total 2011-12	11,671,398	15,633,625	2,020,943.1	54,002.8	65,854.2	64,574.4	184,431.3	117,701.4	109,143.3	6,329,838
11	Kharif 2012	8,008,149	11,124,700	1,287,053.2	40,798.5	44,337.8	44,337.8	129,474.1	87,680.5	86,927.7	6,752,196
12	Rabi 2012-13	5,591,502	5,987,496	1,065,546.5	25,411.5	33,446.0	33,446.0	92,303.4	104,382.4	70,626.8	4,052,901
	Total 2012-13	13,599,651	17,112,196	2,352,599.7	66,209.9	77,783.8	77,783.8	221,777.5	192,062.9	157,554.5	10,805,097
13	Kharif 2013	8,854,152	11,172,440	1,462,396.7	45,913.7	50,559.5	50,559.5	147,032.6	119,863.7	119,828.4	6,870,870
14	Rabi 2013-14	5,302,444	5,340,633	1,090,191.9	51,251.6	22,002.0	19,091.0	92,344.7	81,831.8	75,229.0	3,850,694
	Total 2013-14	14,156,596	16,513,072	2,552,588.6	97,165.3	72,561.5	69,650.5	239,377.3	201,695.4	195,057.4	10,721,564
15	Kharif 2014	8,172,254	9,637,380	1,325,690.1	69,577.1	43,555.2	43,459.5	156,591.9	123,796.1	121,502.0	6,725,448
16	Rabi 2014-15	3,079,590	3,138,084	438,617.1	24,305.1	15,702.4	15,636.7	55,644.2	80,499.3	80,093.2	2,898,919
	Total 2014-15	11,251,844	12,775,464	1,764,307.2	93,882.3	59,257.6	59,096.2	212,236.1	204,295.4	201,595.3	9,624,367
17	Kharif 2015	5,399,548	6,294,555	852,198.1	44,870.0	26,934.4	26,852.4	98,656.8	132,039.6	131,411.1	4,839,539
18	Rabi 2015-16	3,631,193	3,140,983	621,516.3	33,830.2	19,867.5	19,777.0	73,474.7	76,310.2	64,855.5	2,679,465
	Total 2015-16	9,030,741	9,435,537	1,473,714.4	78,700.2	46,801.9	46,629.4	172,131.5	208,349.8	196,266.6	7,519,004
	Kharif Seasons Total	43,600,026	57,063,035	6,818,694.9	257,764.4	232,171.9	228,116.4	718,052.7	542,440.1	538,641.4	31,605,364
	Rabi Seasons Total	28,422,112	31,599,897	5,475,408.3	182,420.0	160,009.8	155,662.8	498,092.5	488,694.4	427,905.6	19,498,983
	Grand Total	72,022,138	88,662,931	12,294,103.2	440,184.4	392,181.7	383,779.2	1,216,145.2	1,031,134.5	966,547.1	51,104,347

Source: Department of Agriculture & Farmers Welfare

3.23 (a): State-wise Modified National Agricultural Insurance Scheme (MNAIS)-Cumulative upto Rabi 2015-16

(₹ in lakh)

Sl. No.	States / Uts.	Farmers Insured (no.)	Area Insured (ha.)	Sum Insured	Farmer Premium	GOI Share in Premium	State Govt.'s Premium	Premium Collected	Claims Payable	Claims Paid	Farmers Benefitted (no.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Andhra Pradesh	1,800,231	1,881,257	813,756.0	34,202.1	21,501.7	21,501.7	77,205.5	86,216.1	86,176.0	638,753
2	A & N Islands	783	1,230	460.3	-	13.2	3.0	16.3	5.9	5.9	184
3	Assam	19,929	15,685	6,504.5	154.1	47.3	47.3	248.7	101.9	69.9	1,837
4	Bihar	1,382,947	1,570,615	262,831.5	15,447.1	18,889.3	18,889.3	53,225.8	21,407.5	17,704.0	322,279
5	Chhattisgarh	18	32	4.8	0.1	0.0	0.0	0.2	-	-	-
6	Goa	296	291	77.8	1.6	0.2	0.2	1.9	14.5	14.5	82
7	Gujarat	17,084	591	261.2	11.0	8.6	8.6	28.2	-	-	-
8	Haryana	262,687	446,690	184,769.4	3,816.4	1,188.2	1,188.2	6,192.8	5,042.4	5,021.0	46,374
9	Jharkhand	117,511	118,016	26,670.6	1,176.0	717.8	717.8	2,611.5	406.8	404.2	8,951
10	Karnataka	1,566,251	2,265,604	371,678.1	16,548.4	11,429.6	11,427.6	39,405.6	24,785.7	24,684.6	457,984
11	Kerala	47,416	64,041	23,894.5	512.4	410.5	284.4	1,207.3	567.4	567.4	4,287
12	Madhya Pradesh	218,380	359,048	51,088.5	1,229.7	380.1	380.1	1,990.0	873.3	873.3	12,717
13	Maharashtra	51,964	49,621	7,621.1	382.2	523.3	456.5	1,362.0	-	-	-
14	Mizoram	512	488	99.3	3.4	1.5	1.5	6.5	9.4	9.4	512
15	Odisha	425,024	280,280	103,216.8	2,185.2	646.8	646.8	3,478.7	24,798.5	24,798.3	204,831
16	Rajasthan	12,620,454	13,719,001	1,063,428.1	47,976.1	34,328.9	34,328.9	116,633.8	155,507.8	133,452.5	4,691,652
17	Tamil Nadu	476,483	522,840	134,936.2	5,708.9	4,166.2	4,166.2	14,041.4	26,802.9	26,686.4	244,024
18	Telangana	923,143	1,257,656	535,809.5	12,114.6	3,012.0	3,012.0	18,138.6	9,999.4	9,997.1	143,041
19	Uttar Pradesh	5,570,562	6,061,478	2,052,878.3	54,887.3	27,434.7	27,434.7	109,756.6	199,788.8	198,982.0	2,677,774
20	Uttarakhand	217,704	183,679	66,147.0	1,139.5	155.9	155.9	1,451.2	1,733.0	1,731.4	42,251
21	West Bengal	1,943,351	961,459	501,798.2	15,353.1	18,334.5	12,886.8	46,574.5	28,935.4	26,664.4	428,482
Total		27,662,730	29,759,601	6,207,931.7	212,849.2	143,190.4	137,537.6	493,577.2	586,996.7	557,842.3	9,926,015

Source: Department of Agriculture & Farmers Welfare

3.23 (b):Season-wise Modified National Agricultural Insurance Scheme (MNAIS)-Cumulative upto Rabi 2015-16

(₹ in lakh)

Sl. No.	Season	Farmers Insured	Area Insured (Ha)	Sum Insured	Farmers' Premium	GOI Premium (share)	State Govt Premium (share)	Gross Premium	Claims Payable	Claims Paid	Farmers benefitted (No.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Rabi 2010-11	3,58,421	3,23,734	69,364.0	2,375.5	1,180.2	1,176.4	4,732.1	1,614.9	1,614.9	46,879
	Total 2010-11	3,58,421	3,23,734	69,364.0	2,375.5	1,180.2	1,176.4	4,732.1	1,614.9	1,614.9	46,879
2	Kharif 2011	4,74,809	6,65,654	1,34,588.5	5,011.3	3,613.7	3,551.9	12,176.9	9,610.0	9,610.0	1,00,201
3	Rabi 2011-12	7,54,999	7,07,381	2,01,012.0	6,782.6	5,233.7	4,504.6	16,520.9	8,443.6	8,341.0	1,22,899
	Total 2011-12	12,29,808	13,73,035	3,35,600.5	11,793.9	8,847.3	8,056.5	28,697.8	18,053.5	17,951.0	2,23,100
4	Kharif 2012	20,62,484	22,39,315	4,89,697.5	22,033.6	17,199.3	17,199.3	56,432.1	62,412.0	62,376.1	6,57,900
5	Rabi 2012-13	9,49,009	7,41,753	2,07,715.1	7,500.6	6,212.1	5,217.6	18,930.3	5,368.8	5,344.3	1,13,298
	Total 2012-13	30,11,493	29,81,068	6,97,412.6	29,534.2	23,411.3	22,416.9	75,362.4	67,780.9	67,720.4	7,71,198
6	Kharif 2013	23,61,297	22,74,659	5,82,621.3	25,508.4	19,245.7	19,245.7	63,999.8	89,143.1	85,369.5	9,70,816
7	Rabi 2013-14	29,97,404	32,53,671	6,40,751.6	20,826.4	11,847.9	10,773.6	43,447.8	54,044.2	53,828.2	8,11,168
	Total 2013-14	53,58,701	55,28,329	12,23,372.9	46,334.7	31,093.6	30,019.3	1,07,447.7	1,43,187.2	1,39,197.7	17,81,984
8	Kharif 2014	58,90,024	69,60,640	9,43,747.2	34,112.5	30,585.6	27,925.2	92,623.4	63,230.3	60,955.0	16,44,824
9	Rabi 2014-15	31,98,533	35,47,534	9,07,093.1	27,290.3	11,341.5	11,303.8	49,935.6	89,185.4	89,182.9	14,12,851
	Total 2014-15	90,88,557	1,05,08,174	18,50,840.2	61,402.8	41,927.1	39,229.0	1,42,559.0	1,52,415.7	1,50,137.9	30,57,675
10	Kharif 2015	48,12,042	55,30,036	8,26,434.3	33,615.9	23,565.1	23,535.1	80,716.1	1,12,797.6	1,12,716.2	24,22,630
11	Rabi 2015-16	38,03,708	35,15,224	12,04,907.2	27,792.2	13,165.7	13,104.4	54,062.3	91,146.9	68,504.2	16,22,549
	Total 2015-16	86,15,750	90,45,260	20,31,341.5	61,408.1	36,730.8	36,639.4	1,34,778.3	2,03,944.5	1,81,220.4	40,45,179
	Kharif Seasons Total	1,56,00,656	1,76,70,304	29,77,088.7	1,20,281.6	94,209.4	91,457.2	3,05,948.3	3,37,193.0	3,31,026.8	57,96,371
	Rabi Seasons Total	1,20,62,074	1,20,89,297	32,30,843.0	92,567.6	48,981.0	46,080.4	1,87,629.0	2,49,803.7	2,26,815.5	41,29,644
	Grand Total	2,76,62,730	2,97,59,601	62,07,931.7	2,12,849.2	1,43,190.4	1,37,537.6	4,93,577.2	5,86,996.7	5,57,842.3	99,26,015

Source: Department of Agriculture & Farmers Welfare

3.24: Coconut Palm Insurance Scheme (CPIS)-cumulative (from 2009-10 to 2020-21)

(₹ in lakh)

State	No. of farmers	No. of Palms	Sum Insured	Premium				Claims Paid	Farmers benefitted
				Farmer	State	CDB	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Andhra Pradesh	1,217	90,122	1,883.41	5.01	4.98	9.99	19.98	0.04	1
Goa	240	59,643	692.50	0.91	0.91	1.83	3.66	1.63	14
Karnataka	704	96,422	1,067.64	1.83	1.52	3.05	6.40	3.61	72
Kerala	52,583	2,101,047	22,769.36	30.23	30.23	60.45	120.91	341.28	7,394
Maharashtra	14,764	1,074,127	12,920.50	22.80	22.80	45.60	91.20	34.33	766
Odisha	799	25,310	418.35	0.81	0.81	1.62	3.24	0.16	3
Tamil Nadu	54,069	2,405,630	13,005.69	24.69	24.69	49.51	98.90	64.79	479
West Bengal	692	28,558	328.42	0.82	-	0.82	1.64	-	-
Total	125,068	5,880,859	53,085.87	87.11	85.95	172.87	345.93	445.84	8,729

Source: Department of Agriculture & Farmers Welfare CDB: Coconut Development Board

3.25 (a): State-wise Progress under Pradhan Mantri Fasal Bima Yojana (PMFBY) - Cumulative upto Rabi 2020-21

(₹ in lakh)											
S.No.	State / UTs	No. of Farmers Applicants covered	Area Insured (In Ha)	Sum Insured	Farmers' Premium	Gol Premium (Share)	State Govt. Premium (Share)	Gross Premium	Claims Reported*	Claims Paid*	No. of Farmers Applicants Benefitted*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Andhra Pradesh	5,630,646	4,063,576	2,849,473	45,251	97,088	124,158	266,497	259,864	258,457	1,631,095
2	A & N Islands	1,846	1,381	570	3	18	26	47	24	15	314
3	Assam	2,539,802	1,579,766	1,116,166	6,510	12,698	33,435	52,644	2,564	437	10,556
4	Bihar	5,017,320	4,608,789	2,174,910	38,392	103,047	103,047	244,486	74,937	74,937	434,462
5	Chhattisgarh	13,682,970	11,767,107	3,929,424	76,118	165,953	165,953	408,025	475,501	472,126	4,658,704
6	Goa	2,603	1,373	1,458	17	1	1	20	14	14	658
7	Gujarat	8,394,804	11,233,361	5,381,210	149,944	520,482	534,102	1,204,528	549,149	523,262	2,554,905
8	Haryana	7,517,130	10,182,965	6,589,646	124,956	132,704	161,011	418,672	420,363	413,134	1,934,826
9	Himachal Pradesh	1,002,996	355,313	121,119	1,816	2,617	2,617	7,050	5,597	5,451	288,876
10	Jammu & Kashmir	312,664	259,918	144,193	2,574	4,584	4,584	11,741	3,720	3,346	48,097
11	Jharkhand	4,460,491	1,939,523	1,073,317	7,515	51,352	64,808	123,674	78,866	12,925	303,901
12	Karnataka	9,854,731	9,804,564	3,988,813	88,485	337,125	336,791	762,400	645,329	632,445	4,560,846
13	Kerala	88,853	66,670	60,849	1,202	1,024	1,024	3,250	3,718	3,616	25,018
14	Madhya Pradesh	37,314,159	60,140,949	20,144,929	363,580	1,027,188	1,027,188	2,417,955	2,405,134	2,215,596	11,094,957
15	Maharashtra	62,317,334	34,981,609	11,590,509	278,052	991,105	1,014,188	2,283,346	1,598,114	1,572,986	25,538,909
16	Manipur	22,183	31,104	10,928	194	253	253	700	377	377	15,164
17	Meghalaya	4,822	2,570	2,637	79	10	10	99	44	44	953
18	Odisha	20,446,567	7,201,343	4,343,893	85,896	258,388	258,388	602,672	515,555	513,234	4,383,510
19	Puducherry	40,411	32,060	19,291	23	520	804	1,347	3,142	1,423	14,295
20	Rajasthan	44,635,586	49,176,825	14,903,608	305,872	834,066	853,495	1,993,432	1,623,318	1,616,284	12,913,209
21	Sikkim	2,347	554	490	11	0	0	11	17	17	295
22	Tamil Nadu	15,033,756	6,916,858	4,089,183	73,648	379,638	458,769	912,055	1,144,933	1,113,869	8,680,945
23	Telangana	3,212,241	2,954,146	2,141,867	38,839	41,604	41,604	122,048	75,907	41,044	407,285
24	Tripura	263,105	42,491	33,321	192	219	447	858	470	469	43,972
25	Uttar Pradesh	27,687,029	22,952,424	10,590,538	194,822	240,260	240,363	675,445	301,242	298,248	3,946,981
26	Uttarakhand	743,842	394,228	270,879	3,674	1,338	1,463	6,475	2,693	2,687	120,265
27	West Bengal	13,294,892	5,434,030	3,719,236	30,482	63,368	112,780	206,630	122,177	121,794	2,447,064
Total		283,525,130	246,125,495	99,292,455	1,918,146	5,266,651	5,541,309	12,726,107	10,312,771	9,898,236	86,060,062

* 2020-21 claims not reported by Assam as on date of Reporting

Source: Department of Agriculture & Farmers Welfare

3.25 (b): Season-wise Progress under Pradhan Mantri Fasal Bima Yojana (PMFBY) - Cumulative upto Rabi 2020-21

(₹ in lakh)

S.No.	Season	No. of Farmers covered	Area Insured (In Ha)	Sum Insured	Farmers' Premium	GoI Premium (Share)	State Govt. Premium (Share)	Gross Premium	Claims Reported*	Claims Paid*	No. of Farmers Benefitted*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Kharif 2016	39,222,405	36,473,145	12,397,913	257,323	611,613	635,965	1,504,901	930,345	930,344	10,133,944
2	Rabi 2016-17	17,048,848	18,446,774	6,884,113	110,771	192,834	198,076	501,681	584,424	584,424	3,804,924
	Total 2016-17	56,271,253	54,919,919	19,282,026	368,094	804,447	834,040	2,006,581	1,514,769	1,514,768	13,938,868
1	Kharif 2017	34,276,361	31,308,486	11,581,366	249,982	699,718	711,705	1,661,405	1,683,233	1,682,966	13,530,904
2	Rabi 2017-18	16,965,514	17,437,552	7,474,582	124,182	215,966	222,374	562,522	343,046	342,519	2,607,969
	Total 2017-18	51,241,875	48,746,038	19,055,948	374,164	915,684	934,079	2,223,927	2,026,279	2,025,485	16,138,873
1	Kharif 2018	33,119,255	30,712,052	12,941,497	275,174	803,685	828,626	1,907,485	1,751,509	1,665,164	12,552,655
2	Rabi 2018-19	22,510,383	19,983,163	8,754,023	140,128	290,687	300,358	731,173	821,759	815,032	7,972,894
	Total 2018-19	55,629,638	50,695,216	21,695,521	415,301	1,094,372	1,128,984	2,638,657	2,573,267	2,480,196	20,525,549
1	Kharif 2019	41,388,787	31,899,514	13,163,488	271,714	927,592	975,545	2,174,851	1,946,396	1,892,507	17,411,499
2	Rabi 2019-20	18,370,699	16,395,703	7,045,873	121,254	281,882	282,899	686,035	434,831	414,451	3,630,271
	Total 2019-20	59,759,486	48,295,217	20,209,360	392,967	1,209,474	1,258,444	2,860,885	2,381,227	2,306,958	21,041,770
1	Kharif 2020	41,645,192	27,936,885	11,154,071	243,170	841,216	879,505	1,963,891	1,344,387	1,157,790	9,935,115
2	Rabi 2020-21	18,977,686	15,532,221	7,895,528	124,449	401,458	506,257	1,032,164	472,842	413,039	4,479,887
	Total 2020-21	60,622,878	43,469,106	19,049,599	367,619	1,242,674	1,385,762	2,996,055	1,817,229	1,570,829	14,415,002
	Kharif Seasons Total	189,652,000	158,330,082	61,238,335	1,297,362	3,883,824	4,031,346	9,212,532	7,655,869	7,328,772	63,564,117
	Rabi Seasons Total	93,873,130	87,795,413	38,054,120	620,784	1,382,827	1,509,964	3,513,575	2,656,902	2,569,464	22,495,945
	Grand Total	283,525,130	246,125,495	99,292,455	1,918,146	5,266,651	5,541,309	12,726,107	10,312,771	9,898,236	86,060,062

* 2020-21 claims not reported by Assam as on date of Reporting

Source: Department of Agriculture & Farmers Welfare

3.26 (a): State-wise Progress under Restructured Weather Based Crop Insurance Scheme (RWBCIS)- Cumulative upto Rabi 2020-21

(₹ in lakh)

S.No.	State / UTs	No. of Farmers Applicants covered	Area Insured (In Ha)	Sum Insured	Farmers' Premium	Gol Premium (Share)	State Govt. Premium (Share)	Gross Premium	Claims Reported	Claims Paid	No. of Farmers Applicants Benefitted
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Andhra Pradesh	3,209,769	3,479,050	1,734,481	25,805	76,212	95,927	197,944	224,333	224,274	2,872,159
2	Assam	51,749	36,692	20,547	411	140	140	691	502	502	23,353
3	Chhattisgarh	88,612	48,611	48,096	2,405	6,357	8,299	17,060	8,404	8,400	76,046
4	Himachal Pradesh	552,471	149,103	252,961	12,632	10,506	11,207	34,346	22,408	19,704	368,310
5	Karnataka	901,238	495,741	562,540	28,134	59,905	77,763	165,803	188,556	176,104	711,121
6	Kerala	235,864	158,816	100,856	2,052	9,877	9,888	21,817	23,319	20,119	184,027
7	Madhya Pradesh	1,688,967	1,071,306	680,559	34,679	19,340	19,340	73,359	104,315	104,315	1,297,834
8	Maharashtra	1,647,840	1,430,853	1,658,467	82,921	197,074	206,467	486,462	392,527	390,025	1,051,374
9	Rajasthan	296,417	200,513	154,102	7,556	13,977	13,977	35,509	40,442	40,269	250,699
10	Telangana	691,042	1,056,231	571,471	29,070	43,012	43,013	115,095	116,401	56,658	316,796
11	Uttar Pradesh	30,781	16,030	17,291	860	1,099	1,104	3,063	1,971	1,971	25,264
12	Uttarakhand	316,350	1,062,253	168,430	8,411	15,751	15,751	39,912	35,101	33,409	284,270
13	West Bengal	4,218	760	1,412	69	89	89	247	106	58	1,151
Total		9,715,318	9,205,960	5,971,215	235,004	453,340	502,965	1,191,309	1,158,384	1,075,807	7,462,404

Source: Department of Agriculture & Farmers Welfare

3.26 (b): Season-wise Progress under Restructured Weather Based Crop Insurance Scheme (RWBCIS)- Cumulative upto Rabi 2020-21

											(₹ in lakh)
S.No.	Season	No. of Farmers covered	Area Insured (In Ha)	Sum Insured	Farmers' Premium	Gol Premium (Share)	State Govt. Premium (Share)	Gross Premium	Claims Reported	Claims Paid	No. of Farmers Benefitted
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Kharif 2016	1,544,402	1,237,381	665,517	24,079	29,842	29,842	83,762	129,205	129,205	1,428,494
2	Rabi 2016-17	555,461	407,063	340,604	16,336	31,544	31,544	79,423	36,820	36,820	295,752
	Total 2016-17	2,099,863	1,644,444	1,006,121	40,415	61,385	61,385	163,186	166,025	166,025	1,724,246
1	Kharif 2017	1,453,846	1,643,674	876,666	30,068	67,905	67,905	165,878	132,120	132,120	1,176,837
2	Rabi 2017-18	570,330	423,766	330,830	16,103	27,301	27,301	70,705	57,363	57,315	400,091
	Total 2017-18	2,024,176	2,067,440	1,207,496	46,171	95,206	95,206	236,583	189,482	189,434	1,576,928
1	Kharif 2018	1,411,504	1,062,906	746,411	28,799	70,979	70,979	170,757	230,779	208,108	1,297,203
2	Rabi 2018-19	737,142	725,494	511,087	24,884	34,698	35,997	95,579	130,932	130,925	600,502
	Total 2018-19	2,148,646	1,788,400	1,257,498	53,683	105,676	106,976	266,335	361,711	339,033	1,897,705
1	Kharif 2019	1,754,466	1,574,313	1,257,357	33,441	71,469	91,184	196,095	193,837	149,270	1,248,280
2	Rabi 2019-20	721,374	614,955	536,306	26,813	64,429	66,078	157,320	155,050	149,755	607,801
	Total 2019-20	2,475,840	2,189,269	1,793,664	60,254	135,898	157,262	353,415	348,887	299,025	1,856,081
1	Kharif 2020	558,667	349,050	364,176	17,844	26,469	47,253	91,565	43,859	42,811	240,617
2	Rabi 2020-21	408,126	1,167,357	342,261	16,637	28,705	34,882	80,225	48,421	39,478	166,827
	Total 2020-21	966,793	1,516,407	706,437	34,481	55,174	82,135	171,790	92,280	82,290	407,444
	Kharif Seasons Total	6,722,885	5,867,325	3,910,127	134,232	266,663	307,162	708,057	729,799	661,514	5,391,431
	Rabi Seasons Total	2,992,433	3,338,636	2,061,088	100,773	186,676	195,802	483,251	428,585	414,293	2,070,973
	Grand Total	9,715,318	9,205,960	5,971,215	235,004	453,340	502,965	1,191,309	1,158,384	1,075,807	7,462,404

Source: Department of Agriculture & Farmers Welfare

3.27 (a): State-wise crop area insured under all Insurance Schemes

States/UTs	2016-17			2017-18			2018-19			2019-20			2020-21		
	Gross Area Sown*	Area insured	% of Area Insured	Gross Area Sown*	Area insured	% of Area Insured	Gross Area Sown*	Area insured	% of Area Insured	Gross Area Sown*	Area insured	% of Area Insured	Gross Area Sown*	Area insured	% of Area Insured
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Andhra Pradesh	74.18	15.60	21.03	74.18	21.06	28.40	74.18	18.89	25.47	74.18	19.87	26.79	74.18	-	-
A & N Islands	0.44	0.00	0.57	0.44	0.00	0.56	0.44	0.01	1.26	0.44	0.00	0.14	0.44	0.00	0.59
Arunachal Pradesh	3.13	-	-	3.13	-	-	3.13	-	-	3.13	-	-	3.13	-	-
Assam	40.87	0.42	1.02	40.87	0.41	1.01	40.87	0.49	1.20	40.87	5.61	13.74	40.87	9.23	22.58
Bihar	76.54	24.84	32.45	76.54	21.25	27.76	76.54	-	-	76.54	-	-	76.54	-	-
Chandigarh	0.01	-	-	0.01	-	-	0.01	-	-	0.01	-	-	0.01	-	-
Chhattisgarh	56.73	24.14	42.55	56.73	22.17	39.07	56.73	22.75	40.09	56.73	24.35	42.91	56.73	24.76	43.64
Dadra & Nagar Haveli	0.23	-	-	0.23	-	-	0.23	-	-	0.23	-	-	0.23	-	-
Daman & Diu	0.03	-	-	0.03	-	-	0.03	-	-	0.03	-	-	0.03	-	-
Delhi	0.57	-	-	0.57	-	-	0.57	-	-	0.57	-	-	0.57	-	-
Goa	1.55	0.01	0.35	1.55	0.00	0.26	1.55	0.00	0.18	1.55	0.00	0.09	1.55	0.00	0.01
Gujarat	119.94	30.21	25.18	119.94	26.58	22.16	119.94	26.11	21.77	119.94	29.44	24.54	119.94	-	-
Haryana	64.52	20.85	32.32	64.52	19.07	29.56	64.52	20.55	31.85	64.52	22.50	34.87	64.52	18.85	29.22
Himachal Pradesh	9.59	1.29	13.50	9.59	1.11	11.54	9.59	0.90	9.38	9.59	0.94	9.81	9.59	0.80	8.36
Jammu & Kashmir	11.77	-	-	11.77	1.49	12.69	11.77	1.11	9.40	11.77	-	-	11.77	-	-
Jharkhand	20.45	3.72	18.18	20.45	2.90	14.19	20.45	6.32	30.93	20.45	6.45	31.54	20.45	-	-
Karnataka	117.79	24.78	21.04	117.79	18.05	15.33	117.79	22.38	19.00	117.79	21.67	18.40	117.79	16.12	13.69
Kerala	25.84	0.53	2.06	25.84	0.48	1.85	25.84	0.43	1.67	25.84	0.37	1.44	25.84	0.44	1.71
Lakshadweep	0.02	-	-	0.02	-	-	0.02	-	-	0.02	-	-	0.02	-	-
Madhya Pradesh	242.14	120.93	49.94	242.14	118.17	48.80	242.14	129.30	53.40	242.14	116.50	48.11	242.14	127.22	52.54
Maharashtra	239.47	72.98	30.48	239.47	55.20	23.05	239.47	88.62	37.01	239.47	79.22	33.08	239.47	68.10	28.44
Manipur	4.69	0.09	1.94	4.69	0.19	3.98	4.69	0.01	0.16	4.69	0.03	0.54	4.69	-	-
Meghalaya	3.09	0.00	0.01	3.09	0.01	0.41	3.09	0.01	0.28	3.09	0.00	0.10	3.09	0.00	0.03
Mizoram	1.86	-	-	1.86	-	-	1.86	-	-	1.86	-	-	1.86	-	-
Nagaland	5.21	-	-	5.21	-	-	5.21	-	-	5.21	-	-	5.21	-	-
Odisha	48.84	13.19	27.00	48.84	13.54	27.71	48.84	14.85	30.41	48.84	18.54	37.96	48.84	11.89	24.35
Puducherry	0.26	0.07	28.72	0.26	-	-	0.26	0.08	31.52	0.26	0.09	36.07	0.26	0.07	28.82
Punjab	78.04	-	-	78.04	-	-	78.04	-	-	78.04	-	-	78.04	-	-
Rajasthan	260.36	104.85	40.27	260.36	100.48	38.59	260.36	77.83	29.89	260.36	96.94	37.23	260.36	113.67	43.66
Sikkim	1.46	0.00	0.09	1.46	0.00	0.21	1.46	0.00	0.07	1.46	0.00	0.00	1.46	0.00	0.01
Tamil Nadu	51.29	12.41	24.20	51.29	11.37	22.18	51.29	14.16	27.62	51.29	14.20	27.70	51.29	17.01	33.18
Telangana	59.70	8.31	13.92	59.70	10.53	17.63	59.70	9.92	16.62	59.70	11.35	19.01	59.70	-	-
Tripura	4.91	0.03	0.57	4.91	0.03	0.62	4.91	0.00	0.06	4.91	0.06	1.24	4.91	0.30	6.17
Uttar Pradesh	269.49	65.11	24.16	269.49	46.14	17.12	269.49	51.34	19.05	269.49	35.56	13.20	269.49	31.53	11.70
Uttarakhand	10.82	1.32	12.24	10.82	1.18	10.87	10.82	1.09	10.07	10.82	1.14	10.50	10.82	9.84	90.97
West Bengal	96.18	19.96	20.75	96.18	16.72	17.38	96.18	17.67	18.37	96.18	-	-	96.18	-	-
All India Total	2,002.03	565.64	28.25	2,002.03	508.13	25.38	2,002.03	524.84	26.22	2,002.03	504.84	25.22	2,002.03	449.86	22.47

* Latest data for Gross Area Sown (also known as Gross Cropped Area) is available till 2016-17 and the same has been used for 2016-17 to 2020-21 for estimation purpose

Source: Department of Agriculture & Farmers Welfare

3.27 (b) : Crop-wise area Insured under all Insurance Schemes

		(Area in Lakh Hectare)								
S.No.	Crops	2016-17			2017-18			2018-19		
		Gross Cropped Area	Area Insured	% of Area Insured	Gross Cropped Area*	Area Insured	% of Area Insured	Gross Cropped Area*	Area Insured	% of Area Insured
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Paddy	445.37	134.44	30.19	445.37	126.67	28.44	445.37	114.07	25.61
2	Wheat	321.18	109.64	34.14	321.18	102.07	31.78	321.18	95.44	29.72
3	Nutri Cereals	245.40	55.90	22.78	245.40	44.89	18.29	245.40	47.86	19.50
4	Sugarcane	47.14	3.46	7.33	47.14	0.63	1.33	47.14	0.79	1.69
5	Cotton	105.87	35.73	33.75	105.87	25.50	24.09	105.87	25.74	24.31
6	Jute & Mesta	7.75	0.73	9.42	7.75	0.30	3.83	7.75	0.34	4.43
7	Oilseeds	285.82	126.81	44.37	285.82	119.03	41.64	285.82	115.94	40.56
8	Pulses	264.76	68.95	26.04	264.76	64.64	24.41	264.76	77.28	29.19
9	Vegetables	67.02	27.44	40.94	67.02	26.74	39.90	67.02	22.99	34.31
10	Fruits	47.00	3.94	8.39	47.00	3.08	6.55	47.00	14.78	31.44
11	Others	178.06	3.80	2.13	178.06	1.45	0.81	178.06	4.01	2.25
Area under all Crops		2002.03	570.84	28.51	2002.03	514.99	25.72	2002.03	519.25	25.94

Source : Department of Agriculture & Farmers Welfare.

* Latest data for Gross Area Sown (also known as Gross Cropped Area) is available till 2016-17 and the same has been used for 2017-18 and 2018-19 for estimation purpose

Note: Crop-wise insured area could not be updated for 2019-20 and for previous years due to delay/non-reporting of data.

3.28(a): Year-wise sale of Tractors and Power Tillers

(Thousand Number)		
Year	Tractor	Power Tiller
(1)	(2)	(3)
2004-05	248	17
2005-06	296	22
2006-07	353	25
2007-08	347	26
2008-09	343	35
2009-10	394	39
2010-11	545	55
2011-12	535	60
2012-13	591	47
2013-14	697	56
2014-15	681	46
2015-16	571	46
2016-17	662	45
2017-18	797	52
2018-19	890	52
2019-20	880	45
2020-21	899	54
2021-22	842	-

Source :Department of Agriculture and Farmers Welfare

3.28(b): State-wise Sale of Tractors during 2021-22

(Number)	
State/UTs	Sale of Tractors
(1)	(2)
Andhra Pradesh	33876
Telangana	41212
Assam	8018
Bihar	37042
Jharkhand	10813
Gujarat	72344
Haryana	47145
Himachal Pradesh	2097
Jammu & Kashmir	4962
Karnataka	57138
Kerala	1006
Maharashtra	104301
Madhya Pradesh	100551
Chhattisgarh	25547
Odisha	16076
Punjab	27516
Rajasthan	84757
Tamil Nadu	30612
Uttar Pradesh	117563
Uttarakhand	3879
West Bengal	15741
Others (North Eastern States and UTs)	70

Source : Department of Agriculture and Farmers Welfare

Chapter 4

Sustainability and Environmental Aspect of Agriculture

4.1: Agricultural Land by use in India

(Million Hectare)

S.No.	Classification	1950-51	1960-61	1970-71	1980-81	1990-91	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
I.	Geographical Area	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73
II.	Reporting Area for Land Utilisation Statistics (1 to 5)	284.32	298.46	303.75	304.16		305.19	305.13	305.36	305.57	305.59	306.88
						305.02						
	1. Forest	40.48	54.05	63.83	67.46	67.70	69.84	69.72	69.82	69.97	69.96	71.43
	%	14.24	18.11	21.01	22.18	22.20	22.88	22.85	22.87	22.90	22.89	23.28
	2. Not Available for Cultivation (A+B)	47.52	50.75	44.61	39.55	40.73	41.23	41.33	41.64	41.98	42.23	42.32
	(A) Area Under Non-agricultural Uses	9.36	14.84	16.48	19.60	21.22	23.75	23.91	24.12	24.52	24.76	24.99
	%	3.29	4.97	5.42	6.44	6.96	7.78	7.84	7.90	8.02	8.10	8.14
	(B) Barren & Un-culturable Land	38.16	35.91	28.13	19.96	19.51	17.48	17.41	17.52	17.47	17.47	17.33
	%	13.42	12.03	9.26	6.56	6.40	5.73	5.71	5.74	5.72	5.72	5.65
	3. Other Uncultivated land excluding Fallow Land (A+B+C)	49.45	37.64	35.13	32.31	30.22	27.74	27.49	27.53	27.11	27.09	27.06
	(A) Permanent Pasture & other Grazing La	6.68	13.97	13.26	11.99	11.41	10.66	10.53	10.45	10.48	10.45	10.44
	%	2.35	4.68	4.37	3.94	3.74	3.49	3.45	3.42	3.43	3.42	3.40
	(B) Land under Miscellaneous Tree Crops &	19.83	4.46	4.37	3.58	3.81	3.44	3.44	3.43	3.38	3.36	3.39
	Groves not included in Net Area Sown											
	%	6.97	1.49	1.44	1.18	1.25	1.13	1.13	1.12	1.11	1.10	1.10
	(C) Culturable Waste Land	22.94	19.21	17.50	16.74	15.00	13.63	13.52	13.65	13.24	13.27	13.22
	%	8.07	6.44	5.76	5.51	4.92	4.47	4.43	4.47	4.33	4.34	4.31
	4. Fallow Lands (A+B)	28.12	22.82	19.33	24.55	23.50	25.04	25.86	34.43	25.80	25.67	24.91
	(A) Fallow Lands other than Current Fallow	17.45	11.18	8.73	9.72	9.66	10.27	10.51	11.97	11.31	10.88	10.70
	%	6.14	3.75	2.87	3.20	3.17	3.36	3.45	3.92	3.70	3.56	3.49
	(B) Current Fallows	10.68	11.64	10.60	14.83	13.84	14.78	15.34	22.46	14.49	14.79	14.21
	%	3.76	3.90	3.49	4.88	4.54	4.84	5.03	7.36	4.74	4.84	4.63
	5. Net Area Sown (6-7)	118.75	133.20	140.86	140.29	142.87	141.34	140.73	131.94	140.71	140.64	141.16
	%	41.77	44.63	46.37	46.12	46.84	46.31	46.12	43.21	46.05	46.02	46.00
	6. Total Cropped Area (Gross Cropped Area)	131.89	152.77	165.79	172.63	185.74	185.34	188.01	173.89	189.66	191.10	192.74
	7. Area Sown more than once	13.15	19.57	24.93	32.34	42.87	44.00	47.28	41.95	48.95	50.46	51.57
	8. Cropping Intensity*	111.07	114.69	117.70	123.05	130.01	131.13	133.60	131.79	134.79	135.88	136.54
III.	Net Irrigated Area	20.85	24.66	31.10	38.72	48.02	55.20	56.94	53.90	57.10	59.23	60.84
IV.	Gross Irrigated Area	22.56	27.98	38.20	49.78	63.20	76.19	78.37	73.06	78.00	81.08	84.28

contd...

4.1: Agricultural Land by use in India-Contd.

(Million Hectare)

S.No.	Classification	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
(1)	(2)	(14)	(15)	(P) (16)	(P) (17)	(P) (18)	(P) (19)	(P) (20)	(P) (21)	(P) (22)	(P) (23)	(P) (24)	(P) (25)	(P) (26)
I.	Geographical Area	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73
II.	Reporting Area for Land Utilisation Statistics (1 to 5)	307.09	307.23	307.41	307.41	307.48	307.39	307.49	307.80	307.78	307.75	308.32	307.77	307.79
	1. Forest	71.46	71.53	71.54	71.56	71.59	71.60	71.57	71.83	71.76	71.87	72.02	72.05	72.01
	%	23.27	23.28	23.27	23.28	23.28	23.29	23.28	23.34	23.31	23.35	23.36	23.41	23.40
	2. Not Available for Cultivation (A+B)	42.73	42.90	43.06	43.33	43.58	43.53	43.57	43.85	43.93	44.02	44.82	44.32	44.51
	(A) Area Under Non-agricultural Uses	25.45	25.88	26.21	26.16	26.40	26.31	26.50	26.91	26.94	27.08	27.84	27.33	27.34
	%	8.29	8.42	8.53	8.51	8.59	8.56	8.62	8.74	8.75	8.80	9.03	8.88	8.88
	(B) Barren & Un-culturable Land	17.29	17.02	16.85	17.18	17.18	17.22	17.07	16.94	16.99	16.94	16.99	16.99	17.17
	%	5.63	5.54	5.48	5.59	5.59	5.60	5.55	5.50	5.52	5.51	5.51	5.52	5.58
	3. Other Uncultivated land excluding Fallow	27.04	26.81	26.42	26.50	26.15	26.11	26.08	25.84	25.78	25.64	25.70	25.79	25.75
	Land (A+B+C)													
	(A) Permanent Pasture & other Grazing L	10.42	10.36	10.34	10.34	10.30	10.31	10.26	10.26	10.26	10.26	10.34	10.34	10.38
	%	3.39	3.37	3.37	3.36	3.35	3.36	3.34	3.33	3.33	3.33	3.35	3.36	3.37
	(B) Land under Miscellaneous Tree Crops & Groves not included in Net Area Sown	3.35	3.40	3.34	3.21	3.20	3.16	3.18	3.19	3.10	3.09	3.12	3.17	3.15
	%	1.09	1.11	1.09	1.05	1.04	1.03	1.03	1.04	1.01	1.01	1.01	1.03	1.02
	(C) Culturable Waste Land	13.27	13.04	12.73	12.95	12.65	12.64	12.64	12.39	12.42	12.29	12.24	12.29	12.22
	%	4.32	4.25	4.14	4.21	4.11	4.11	4.11	4.02	4.03	3.99	3.97	3.99	3.97
	4. Fallow Lands (A+B)	26.03	24.98	24.48	26.85	24.60	25.18	26.33	24.85	26.18	26.72	26.36	26.43	26.16
	(A) Fallow Lands other than Current Fall	10.52	10.33	10.29	10.84	10.32	10.67	11.04	10.69	11.09	11.31	11.27	11.62	11.63
	%	3.42	3.36	3.35	3.53	3.36	3.47	3.59	3.47	3.60	3.67	3.66	3.78	3.78
	(B) Current Fallows	15.51	14.65	14.19	16.01	14.28	14.51	15.29	14.16	15.09	15.41	15.09	14.81	14.53
	%	5.05	4.77	4.62	5.21	4.64	4.72	4.97	4.60	4.90	5.01	4.89	4.81	4.72
	5. Net Area Sown (6-7)	139.82	141.02	141.90	139.17	141.56	140.98	139.93	141.43	140.13	139.51	139.42	139.18	139.35
	%	45.53	45.90	46.16	45.27	46.04	45.86	45.51	45.95	45.53	45.33	45.22	45.22	45.28
	6. Total Cropped Area (Gross Cropped Area)	192.38	195.22	195.33	189.19	197.68	195.80	194.22	200.95	198.38	197.05	200.20	199.99	197.32
	7. Area Sown more than once	52.56	54.21	53.43	50.02	56.12	54.82	54.29	59.53	58.25	57.55	60.79	60.81	57.97
	8. Cropping Intensity*	137.59	138.44	137.65	135.94	139.64	138.88	138.79	142.09	141.57	141.25	143.60	143.69	141.60
III.	Net Irrigated Area	62.74	63.19	63.64	61.94	63.67	65.71	66.29	68.12	68.38	67.30	68.65	69.48	71.55
IV.	Gross Irrigated Area	86.75	88.06	88.90	85.09	88.94	91.79	92.24	95.76	96.75	96.78	98.15	100.08	102.67

Source: Directorate of Economics & Statistics, DA&FW. Note:

1: Percentages worked out over Reported Area.

2: In 2009-10 there is significant decline in Total Cropped Area and Net Area Sown due to decline in net area sown in the States of Andhra Pradesh, Bihar, Jharkhand, Rajasthan, Tamil Nadu, Uttar Pradesh and West Bengal. This was mainly due to deficient rainfall.

P :Provisional

* Cropping Intensity is percentage of the gross cropped area to the net area sown.

4.2: Selected Categories of Land Use

						(Million Hectares)
Year	Net area sown	Total cropped area	Area sown more than once (3-2)	Net Irrigated Area	Gross Irrigated Area	Area Irrigated more than once (6-5)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1950-51	118.75	131.89	13.15	20.85	22.56	1.71
1951-52	119.40	133.23	13.83	21.05	23.18	2.13
1952-53	123.44	137.68	14.23	21.12	23.31	2.18
1953-54	126.81	142.48	15.67	21.87	24.36	2.49
1954-55	127.85	144.09	16.24	22.09	24.95	2.86
1955-56	129.16	147.31	18.16	22.76	25.64	2.88
1956-57	130.85	149.49	18.64	22.53	25.71	3.17
1957-58	129.08	145.83	16.75	23.16	26.63	3.47
1958-59	131.83	151.63	19.80	23.40	26.95	3.55
1959-60	132.94	152.82	19.89	24.04	27.45	3.42
1960-61	133.20	152.77	19.57	24.66	27.98	3.32
1961-62	135.40	156.21	20.81	24.88	28.46	3.58
1962-63	136.34	156.76	20.42	25.67	29.45	3.79
1963-64	136.48	156.96	20.48	25.89	29.71	3.82
1964-65	138.12	159.23	21.11	26.60	30.71	4.11
1965-66	136.20	155.28	19.08	26.34	30.90	4.56
1966-67	137.23	157.36	20.12	26.91	32.68	5.78
1967-68	139.88	163.74	23.86	27.19	33.21	6.01
1968-69	137.31	159.53	22.22	29.01	35.48	6.47
1969-70	138.70	162.27	23.57	30.20	36.97	6.78
1970-71	140.86	165.79	24.93	31.10	38.20	7.09
1971-72	139.72	165.19	25.47	31.55	38.43	6.88
1972-73	137.14	162.15	25.01	31.83	39.06	7.22
1973-74	142.42	169.87	27.46	32.55	40.28	7.74
1974-75	137.79	164.19	26.40	33.71	41.74	8.03
1975-76	141.65	171.30	29.64	34.59	43.36	8.77
1976-77	139.48	167.33	27.86	35.15	43.55	8.40
1977-78	141.95	172.23	30.28	36.55	46.08	9.53
1978-79	142.98	174.80	31.82	38.06	48.31	10.25
1979-80	138.90	169.59	30.69	38.52	49.21	10.69
1980-81	140.29	172.63	32.34	38.72	49.78	11.06
1981-82	142.12	176.75	34.63	40.50	51.41	10.91
1982-83	140.81	172.75	31.94	40.69	51.83	11.14
1983-84	143.21	179.56	36.35	41.95	53.82	11.88
1984-85	140.90	176.33	35.43	42.15	54.53	12.38
1985-86	140.90	178.46	37.56	41.87	54.28	12.42
1986-87	139.58	176.41	36.83	42.57	55.76	13.19
1987-88	134.09	170.74	36.65	42.89	56.04	13.14
1988-89	141.89	182.28	40.39	46.15	61.13	14.98
1989-90	142.34	182.27	39.93	46.70	61.85	15.15
1990-91	142.87	185.74	42.87	48.02	63.20	15.18
1991-92	141.63	182.24	40.61	49.87	65.68	15.81
1992-93	142.72	185.70	42.98	50.29	66.76	16.47
1993-94	142.34	186.58	44.25	51.34	68.26	16.92
1994-95	142.96	188.05	45.09	53.00	70.65	17.65
1995-96	142.20	187.47	45.27	53.40	71.35	17.95
1996-97	142.93	189.50	46.57	55.11	76.03	20.91
1997-98	141.95	189.99	48.04	55.21	75.67	20.46
1998-99	142.75	191.65	48.90	57.44	78.67	21.23
1999-00	141.06	188.40	47.33	57.53	79.22	21.69
2000-01	141.34	185.34	44.00	55.20	76.19	20.98
2001-02	140.73	188.01	47.28	56.94	78.37	21.44
2002-03	131.94	173.89	41.95	53.90	73.06	19.16
2003-04	140.71	189.66	48.95	57.06	78.04	20.98
2004-05	140.64	191.10	50.46	59.23	81.08	21.85
2005-06	141.16	192.74	51.57	60.84	84.28	23.44
2006-07	139.82	192.38	52.56	62.74	86.75	24.01
2007-08	141.02	195.22	54.21	63.19	88.06	24.87
2008-09 (P)	141.90	195.33	53.43	63.64	88.90	25.26
2009-10 (P)	139.17	189.19	50.02	61.94	85.09	23.14
2010-11 (P)	141.56	197.68	56.12	63.67	88.94	25.27
2011-12 (P)	140.98	195.80	54.82	65.71	91.79	26.08
2012-13 (P)	139.93	194.22	54.29	66.29	92.24	25.96
2013-14 (P)	141.43	200.95	59.53	68.12	95.76	27.64
2014-15 (P)	140.13	198.38	58.25	68.38	96.75	28.37
2015-16 (P)	139.51	197.05	57.55	67.30	96.78	29.48
2016-17(P)	139.42	200.20	60.79	68.65	98.15	29.50
2017-18(P)	139.18	199.99	60.81	69.48	100.08	30.61
2018-19(P)	139.35	197.32	57.97	71.55	102.67	31.11

P: Provisional

Source: Directorate of Economics & Statistics, DA&FW

4.3 : Gross Cropped Area Percentage Distribution

Crop	Percentage Share of Area to Gross Cropped Area						
	2012-13 (P)	2013-14 (P)	2014-15 (P)	2015-16 (P)	2016-17 (P)	2017-18 (P)	2018-19(P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rice	22.00	22.13	22.30	22.01	22.25	22.53	23.02
Jowar	3.25	2.86	3.15	3.09	2.78	2.45	2.13
Bajra	3.95	4.03	3.96	3.61	3.77	3.76	3.67
Maize	4.42	4.49	4.43	4.30	4.58	4.45	4.53
Ragi	0.57	0.60	0.60	0.58	0.51	0.61	0.48
Wheat	15.70	15.61	16.18	15.72	16.04	15.58	16.01
Barley	0.36	0.34	0.37	0.28	0.28	0.27	0.24
Other Cereals & Millets	0.41	0.36	0.35	0.37	0.34	0.30	0.26
Coarse Cereals	12.96	12.69	12.85	12.24	12.26	11.84	11.31
Total Cereals	50.66	50.43	51.33	49.97	50.55	49.95	50.34
Gram	4.11	4.68	3.86	3.78	4.04	4.80	4.58
Tur	1.80	1.76	1.71	1.77	2.36	1.92	2.21
Other Pulses	5.41	5.40	5.37	6.04	6.83	7.31	7.21
Total Pulses	11.31	11.83	10.94	11.59	13.22	14.03	14.00
Total Food-grains	61.97	62.26	62.26	61.56	63.77	63.98	64.34
Sugarcane	2.80	2.75	2.81	2.66	2.35	2.52	2.81
Condiments & Spices	1.69	1.64	1.74	1.96	1.94	1.82	2.01
Total Fruits	2.12	2.07	2.12	2.36	2.35	2.36	2.44
Potatoes	0.85	0.84	0.89	0.98	0.93	0.92	0.93
Onions	0.27	0.30	0.33	0.57	0.55	0.50	0.53
Total Vegetables	2.81	2.80	2.91	3.46	3.35	3.27	3.29
Groundnut	2.68	2.70	2.57	2.27	2.64	2.44	2.39
Sesamum	0.92	0.84	0.93	1.01	0.92	0.87	0.84
Rapeseed & Mustard	3.07	3.01	2.72	2.84	2.82	2.79	3.14
Linseed	0.12	0.11	0.11	0.09	0.11	0.08	0.07
Other Oil Seeds	8.15	8.31	7.99	8.15	7.79	7.12	7.48
Total Oil Seeds	14.94	14.98	14.33	14.36	14.28	13.30	13.91
Cotton	6.12	5.93	6.38	6.14	5.29	6.16	4.71
Jute	0.40	0.38	0.38	0.37	0.35	0.34	0.34
Mesta	0.04	0.03	0.04	0.04	0.04	0.04	0.03
Total Fibers	6.58	6.37	6.82	6.56	5.70	6.55	5.09
Tobacco	0.22	0.23	0.24	0.22	0.20	0.21	0.21
Other Crops	6.86	6.89	6.76	6.85	6.07	5.99	5.90
Gross Cropped Area	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Source: Directorate of Economics & Statistics, DA&FW. P: Provisional

4.4 : State-wise Percent Coverage of Irrigated Area under Principal Crops during 2018-19 (Provisional)

State/Union Territory	Rice	Jowar	Bajra	Maize	Wheat	Barley	Total Cereals	Gram	Tur or Arhar	Total pulses	Total Food-grains	Sugar-cane	Groundnut	Rape-seed & Mustard	Soya-bean	Sun-flower	Total Oilseeds	Cotton	Tobacco	Total area under all crops
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Andhra Pradesh	96.9	34.2	26.8	71.8	92.2	-	88.9	1.9	2.6	2.6	60.5	93.9	12.5	0.2	64.4	45.5	23.5	17.2	37.9	49.8
Arunachal Pradesh	38.2	-	-	0.0	27.8	-	24.2	0.0	0.0	0.0	22.8	0.0	0.0	0.0	0.0	0.0	0.0	-	-	17.6
Assam	15.9	1.6	-	11.7	22.0	-	15.8	5.7	3.2	6.3	15.3	0.8	4.5	16.4	0.0	5.6	14.2	0.0	0.0	12.3
Bihar	72.1	0.0	0.0	71.6	95.0	56.3	80.0	5.7	3.0	11.1	74.9	85.9	7.0	70.9	-	92.2	64.7	-	96.9	74.2
Chhattisgarh	37.0	1.1	6.8	13.1	91.9	0.2	36.9	63.9	0.2	29.9	35.9	99.6	8.3	17.5	0.7	91.0	4.0	70.6	93.8	35.7
Goa	29.0	-	-	-	-	-	29.0	-	-	97.3	38.9	100.0	50.5	-	-	-	16.6	-	-	22.6
Gujarat**	61.5	19.8	22.3	12.5	90.8	-	55.2	43.8	7.5	16.0	47.0	94.5	12.4	95.3	0.0	0.0	30.1	58.7	100.0	51.0
Haryana	100.0	95.7	34.9	24.4	99.9	98.4	93.6	29.4	90.5	41.3	92.6	100.0	99.0	84.6	-	100.0	84.8	99.6	-	91.2
Himachal Pradesh	66.4	88.9	29.5	10.3	24.4	17.2	22.6	17.1	0.0	12.1	22.2	28.4	2.6	13.9	39.1	-	15.7	-	-	21.7
Jammu & Kashmir	90.2	-	19.5	7.5	29.4	7.6	41.5	-	-	18.4	40.9	-	-	76.3	-	-	70.4	0.0	33.3	44.0
Jharkhand	4.6	1.3	0.0	1.6	86.2	26.2	9.2	13.8	0.2	6.0	8.8	29.3	0.4	63.2	-	0.0	33.3	-	-	13.7
Karnataka	83.0	9.7	15.4	29.2	65.5	25.2	37.5	14.9	8.2	9.6	25.3	99.9	30.2	98.2	4.5	21.9	31.8	27.6	16.7	35.0
Kerala	76.0	0.0	-	0.0	0.0	-	75.7	0.0	0.0	0.0	74.8	100.0	0.0	-	-	-	20.9	0.0	0.0	20.0
Madhya Pradesh	45.8	1.3	2.7	3.2	96.3	58.3	70.3	79.5	2.0	45.3	61.6	100.0	9.1	70.3	0.2	0.0	7.9	71.9	100.0	48.6
Maharashtra**	26.1	9.5	5.0	12.7	73.9	0.0	23.2	24.3	1.6	11.0	18.1	100.0	20.8	9.0	0.4	22.8	1.8	2.7	16.7	23.6
Manipur**	30.7	-	-	0.0	0.0	-	27.4	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	-	0.0	-	-	16.3
Meghalaya	93.0	-	-	0.0	100.0	-	78.2	0.0	0.0	0.0	73.6	0.0	-	46.3	44.6	-	37.8	0.0	0.0	45.6
Mizoram**	72.5	-	-	0.0	-	-	61.7	-	0.0	92.1	64.2	0.0	-	0.0	0.0	-	0.0	0.0	-	15.7
Nagaland	57.5	0.0	0.0	0.3	6.0	0.0	41.4	4.5	0.0	0.8	36.6	0.0	0.0	3.8	0.0	0.0	2.1	0.0	-	23.7
Orissa	31.5	-	-	5.7	100.0	-	30.6	-	-	9.7	29.0	100.0	22.8	19.7	-	-	13.7	-	-	29.0
Punjab	99.7	100.0	90.9	62.5	99.1	96.6	98.7	87.2	92.6	82.8	98.7	96.3	62.3	94.4	100.0	100.0	88.3	99.9	-	98.5
Rajasthan	74.4	0.5	4.7	1.7	99.8	99.3	39.4	67.7	2.9	23.3	33.1	99.3	87.9	95.0	0.1	-	70.0	96.9	68.2	43.5
Sikkim**	70.7	-	-	12.1	0.0	0.3	22.3	-	-	0.6	20.3	-	-	36.9	27.8	-	32.4	-	-	9.1
Tamil Nadu	93.2	9.9	15.9	28.7	100.0	-	67.4	0.7	3.2	13.9	54.3	100.0	40.0	4.9	97.3	20.9	68.1	28.9	99.8	56.1
Telangana	99.3	20.9	93.7	37.7	100.0	-	84.4	38.9	2.5	11.8	72.2	100.0	95.9	100.0	9.8	94.9	51.5	14.5	58.6	54.2
Tripura	29.8	0.0	-	22.4	52.9	-	29.1	39.7	0.0	12.1	27.6	57.1	20.9	30.7	0.0	-	14.6	0.0	-	24.1
Uttarakhand	73.1	-	-	1.9	65.3	1.7	51.7	61.3	0.0	9.3	48.7	99.1	3.7	44.4	2.0	37.5	24.6	100.0	100.0	52.4
Uttar Pradesh	86.3	6.1	15.1	47.7	99.0	74.1	87.1	24.6	13.5	27.6	81.3	96.2	6.9	83.3	0.9	80.1	41.8	93.5	99.8	80.7
West Bengal**	51.1	91.5	73.5	85.7	96.6	85.3	53.5	67.9	22.4	43.5	52.8	92.5	96.8	93.0	41.9	87.3	88.1	59.4	95.1	65.5
ANDAMAN & NICOBAR ISLANDS	0.2	-	-	-	-	-	0.2	-	0.0	4.0	0.6	0.0	-	-	-	-	0.0	0.0	-	0.8
CHANDIGARH **	-	-	-	-	46.2	-	46.2	-	-	-	-	-	-	-	-	-	-	-	-	3.4
DADAR & NAGAR HAVELI	2.6	0.7	0.0	0.0	98.7	0.0	2.4	0.0	0.5	0.3	2.2	82.6	-	-	-	-	2.8	-	-	8.3
DAMAN & DIU	0.3	0.0	3.0	-	0.0	-	0.9	50.0	0.0	0.6	0.9	-	-	-	-	100.0	45.3	-	-	10.2
DELHI	100.0	40.3	1.0	-	100.0	61.5	88.5	-	-	-	88.5	-	-	38.0	-	-	38.0	-	-	63.4
LAKSHADWEEP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-	0.0
PUDUCHERRY	100.0	100.0	100.0	-	-	-	100.0	-	-	22.2	95.0	100.0	100.0	-	-	-	42.6	100.0	100.0	84.6
All India	62.7	10.1	9.4	26.3	95.3	74.1	63.0	49.6	5.2	23.2	54.3	96.6	30.9	83.1	0.5	30.8	31.4	45.1	67.9	52.0

Source: Directorate of Economics & Statistics, DA&FW.

**The figures related to irrigated area (Part-II) are either estimated based on the data for the latest available year received from the State/UT or are estimated/taken from Agriculture Census.

4.5: Agricultural Land by type of Use

(Thousand Hectares)

State/ Union- Territory/ Year	Geogra- phical Area	Reporting area for land utilisation statistics	Forest	Land not available for cultivation	Other uncultivated land excluding Fallow Land				Fallow Land			Net area sown	Total cropped area	Agri. Land/ C Cultivable Land/ Culturable land/ Arable land/	Cropping Intensity (Col-14/ Col- 13*100)
					Perma- nent pastures & other grazing lands	Land under Misc. tree crops & groves not incl. in net area sown	Cultur- able waste land	Total	Fallow lands other than current fallow	Current fallow	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
ANDHRA PRADESH															
2016-17	16297*	16297	3688	3394	211	156	414	781	860	1496	2356	6077	7418	9003	122.1
2017-18	16297*	16297	3688	3400	209	155	414	778	940	1443	2383	6048	7445	8999	123.1
2018-19	16297*	16297	3688	3402	208	155	412	775	936	1446	2383	6049	7297	8997	120.6
ARUNACHAL PRADESH															
2016-17	8374	7228	6725*	62	18	35	61	113	62	33	96	232	313	423	135.0
2017-18	8374	7172	6669*	62	18	34	61	113	62	34	96	233	316	424	135.9
2018-19	8374	7172	6669*	62	18	34	61	113	61	33	95	234	320	424	136.7
ASSAM															
2016-17	7844	7844	1853	2484	170	222	144	536	92	105	197	2774	4087	3337	147.4
2017-18	7844	7844	1853	2509	180	221	160	561	93	106	199	2723	4045	3302	148.6
2018-19	7844	7844	1853	2515	172	222	160	554	92	108	199	2723	4004	3305	147.0
BIHAR															
2016-17	9416	9360	622	2150	15	248	44	308	119	868	987	5293	7654	6572	144.6
2017-18	9416	9360	622	2150	15	248	44	308	119	919	1038	5242	7525	6573	143.6
2018-19	9416	9360	622	2150	15	248	44	307	118	995	1113	5167	7406	6573	143.3
CHHATTISGARH															
2016-17	13519	13790	6317	1028	887	1	362	1250	257	273	530	4664	5673	5558	121.6
2017-18	13519	13790	6314	1031	883	1	365	1249	252	290	542	4653	5540	5562	119.1
2018-19	13519	13788	6304	1027	888	2	366	1256	256	266	522	4679	5614	5570	120.0
GOA															
2016-17	370	361	125	37	1	1	53	54		14	14	130	155	197	118.9
2017-18	370	361	125	37	1	1	53	54		15	15	129	152	197	117.7
2018-19	370	361	125	37	1	1	53	54		16	16	128	150	197	117.4
GUJARAT															
2016-17*	19602	19069	1834	3723	851	4	1960	2815	16	379	395	10302	11994	12661	116.4
2017-18*	19602	19069	1834	3723	851	4	1960	2815	16	379	395	10302	12220	12661	118.6
2018-19*	19602	19069	1834	3723	851	4	1960	2815	16	379	395	10302	11429	12661	110.9
HARYANA															
2016-17	4421	4371	40	564	24	8	35	68	92	110	201	3499	6452	3744	184.4
2017-18	4421	4371	36	553	24	6	49	79	76	111	187	3517	6549	3759	186.2
2018-19	4421	4371	35	445	74	21	54	149	35	105	141	3601	6605	3817	183.4
HIMACHAL PRADESH															
2016-17	5567	4578	1125	1131	1508	67	122	1696	21	56	77	548	959	813	175.2
2017-18	5567	4577	1124	1136	1501	68	120	1689	21	65	85	543	917	816	169.0
2018-19	5567	4577	1125	1133	1502	71	120	1692	19	65	84	542	914	816	168.5
JAMMU & KASHMIR															
2016-17	22224	4058*	2299*	570	111	57	140	308	22	101	124	757	1177	1078	155.5
2017-18	22224	4120*	2361*	570	108	59	139	306	26	105	131	752	1165	1081	154.9
2018-19	22224	4130*	2361*	569	108	63	158	329	36	121	157	713	1124	1091	157.6

contd.

4.5: Agricultural Land by type of Use-Contd.

(Thousand Hectares)

State/ Union- Territory/ Year	Geogra- phical Area	Reporting area for land utilisation statistics	Forest	Land not available for cultivation	Other uncultivated land excluding Fallow Land				Fallow Land			Net area sown	Total cropped area	Agri. Land/ Cultivable Land/ Culturable land/ Arable land/	Cropping Intensity (Col-14/ Col- 13*100)
					Perma- nent pastures & other grazing lands	Misc. tree crops & groves not incl. in net area sown	Cultur- able waste land	Total	Fallow lands other than current fallows	Current fallows	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
JHARKHAND															
2016-17	7972	7970	2239	1253	110	102	352	565	1023	1439	2462	1451	2045	4367	140.9
2017-18	7972	7970	2239	1281	127	121	368	616	1104	1285	2390	1444	2033	4323	140.8
2018-19	7972	7970	2239	1285	127	146	380	653	1086	1427	2513	1281	1824	4319	142.5
KARNATAKA															
2016-17	19179	19050	3073	2288	905	275	400	1581	692	1561	2254	9855	11779	12784	119.5
2017-18	19179	19050	3073	2294	905	274	400	1579	686	1521	2207	9895	11994	12777	121.2
2018-19	19179	19050	3073	2274	872	251	403	1527	571	940	1511	10664	13551	12830	127.1
KERALA															
2016-17	3886	3886	1082	558		2	101	104	56	72	128	2015	2584	2247	128.2
2017-18	3886	3886	1082	559		2	96	99	49	58	107	2040	2580	2246	126.4
2018-19	3886	3886	1082	570		2	96	99	46	57	103	2034	2571	2235	126.4
MADHYA PRADESH															
2016-17	30825	30756	8692	3527	1306	20	1002	2328	481	500	981	15228	24214	17231	159.0
2017-18	30825	30756	8708	3504	1337	20	967	2325	486	543	1029	15191	25114	17207	165.3
2018-19	30825	30756	8700	3619	1316	21	934	2271	467	493	960	15205	26115	17121	171.8
MAHARASHTRA*															
2016-17	30771	30759	5195	3465	1352	254	925	2530	1258	1401	2659	16910	23947	20748	141.6
2017-18	30771	30742	5220	3485	1287	256	924	2467	1262	1366	2628	16943	23109	20751	136.4
2018-19	30771	30758	5174	3542	1323	272	924	2519	1260	1448	2708	16815	19139	20719	113.8
MANIPUR*															
2016-17	2233	2204	1699	27	1	6	1	8	0	0	0	469	469	476	100.0
2017-18	2233	2166	1685	27	1	6	1	8	0	0	0	446	446	453	100.0
2018-19	2233	2161	1685	27	1	6	1	8	0	0	0	441	441	448	100.0
MEGHALAYA															
2016-17	2243	2196	940	240		164	385	549	154	60	214	252	309	1015	122.3
2017-18	2243	2196	929	254		165	384	549	153	58	211	253	309	1013	122.3
2018-19	2243	2196	910	275		165	381	546	153	57	210	255	312	1011	122.5
MIZORAM															
2016-17*	2108	2039	1585	75	11	41	7	60	127	47	174	145	186	367	128.8
2017-18*	2108	2039	1585	75	11	41	7	60	127	47	174	145	188	367	130.1
2018-19*	2108	2039	1585	75	11	41	7	60	127	47	174	145	187	367	129.2
NAGALAND															
2016-17	1658	1652	863	95		90	66	156	106	47	153	385	521	694	135.5
2017-18	1658	1653	863	96		90	66	156	110	44	153	385	530	694	137.8
2018-19	1658	1653	863	112		73	62	135	111	49	160	384	529	678	137.9
ODISHA															
2016-17	15571	15944	5814*	2928	512	254	567	1333	685	1085	1770	4099	4884	6690	119.2
2017-18	15571	15424	5814*	2353	512	276	613	1401	777	1216	1993	3863	4502	6745	116.5
2018-19	15571	15430	5814*	2419	523	251	591	1365	738	1089	1827	4006	4527	6675	113.0

contd.

4.5: Agricultural Land by type of Use-Contd.

(Thousand Hectares)

State/ Union- Territory/ Year	Geogra- phical Area	Reporting area for land utilisation statistics	Forest	Land not available for cultivation	Other uncultivated land excluding Fallow Land				Fallow Land			Net area sown	Total cropped area	Agri. Land/Cropping Cultivable Land/ Culturable land/ Arable land/	Intensity (Col-14/ Col- 13*100)
					Perma- nent pastures & other grazing land	Land under Misc. tree crops & groves not incl. in net area sown	Cultur- able waste land	Total	Fallow lands other than current fallow	Current fallow	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PUNJAB															
2016-17	5036	5033	255	536	5	9	14	27	6	78	84	4130	7804	4237	189.0
2017-18	5036	5033	253	540	5	8	12	25	6	85	91	4124	7779	4235	188.6
2018-19	5036	5033	250	545	4	11	12	27	6	86	91	4119	7851	4233	190.6
RAJASTHAN															
2016-17	34224	34279	2753	4360	1670	22	3831	5523	1983	1491	3474	18169	26036	25496	143.3
2017-18	34224	34287	2756	4366	1673	24	3831	5528	1992	1742	3734	17903	25069	25493	140.0
2018-19	34224	34287	2760	4375	1668	26	3784	5478	2106	1789	3895	17778	25313	25484	142.4
SIKKIM*															
2016-17	710	442	336	10		4	4	8	5	7	12	77	146	97	189.2
2017-18	710	441	334	10		4	4	8	5	7	12	77	153	97	197.8
2018-19	710	441	334	10		4	4	8	5	7	12	77	162	97	210.2
TAMIL NADU															
2016-17	13006	13033	2157	2659	108	232	323	662	1848	1361	3208	4347	5129	8110	118.0
2017-18	13006	13033	2157	2659	108	226	320	654	1933	992	2925	4639	5730	8110	123.5
2018-19	13006	13033	2157	2660	108	226	323	657	1931	1047	2978	4582	5672	8109	123.8
TELANGANA															
2016-17	11210*	11208	2698	1459	299	112	182	594	669	1015	1684	4774	5970	6752	125.0
2017-18	11210*	11208	2698	1441	299	112	182	594	662	916	1578	4898	6059	6770	123.7
2018-19	11210*	11208	2698	1443	299	112	179	591	751	1064	1815	4660	5774	6767	123.9
TRIPURA															
2016-17	1049	1049	629	147	1	11	3	14	2	1	2	255	491	271	192.0
2017-18	1049	1049	629	148	1	10	3	14	2	1	2	255	487	271	190.8
2018-19	1049	1049	629	148	1	10	3	14	1	1	2	256	487	270	190.6
UTTARAKHAND															
2016-17	5348	5993	3800	455	192	387	318	897	88	62	150	691	1082	1546	156.7
2017-18	5348	6005	3812	435	208	394	324	925	86	73	160	673	1060	1550	157.4
2018-19	5348	6002	3812	435	208	395	328	931	89	88	177	648	1029	1548	158.9
UTTAR PRADESH															
2016-17	24093	24170	1666	3592	65	285	389	739	520	1090	1610	16564	26949	18848	162.7
2017-18	24093	24170	1671	3607	66	283	389	738	552	1061	1613	16542	26864	18826	162.4
2018-19	24093	24170	1715	3611	70	269	388	727	594	987	1581	16538	26859	18775	162.4
WEST BENGAL															
2016-17	8875	8684	1175	1874	2	49	15	67	10	313	322	5246	9618	5633	183.4
2017-18	8875	8684	1175	1882	2	48	14	64	7	308	315	5247	9945	5625	189.5
2018-19	8875	8684	1175	1892	2	47	13	62	6	301	307	5248	9960	5615	189.8

contd.

4.5: Agricultural Land by type of Use-Contd.

(Thousand Hectares)

State/ Union- Territory/ Year	Geogra- phical Area	Reporting area for land utilisation statistics	Forest	Land not available for cultivation	Other uncultivated land excluding Fallow Land				Fallow Land			Net area sown	Total cropped area	Agri. Land/ Cultivable Land/ Culturable land/ Arable land/	Cropping Intensity (Col-14/ Col- 13*100)
					Perma- nent pastures & other grazing lands	Land under Misc. tree crops & groves not incl. in net area sown	Culturable waste land	Total	Fallow lands other than current fallows	Current fallows	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
ANDAMAN & NICOBAR ISLANDS															
2016-17*	825	757	717	9	4	4	3	11	3	3	6	15	44	28	300.6
2017-18*	825	757	717	9	4	4	3	11	3	3	6	15	49	28	330.3
2018-19*	825	757	717	9	4	4	3	11	3	3	6	15	41	28	277.2
CHANDIGARH															
2016-17*	11	7	0	5		0		0	0	0	0	1	1	1	114.0
2017-18*	11	7	0	5		0		0	0	0	0	1	2	1	161.4
2018-19*	11	7	0	5		0		0	0	0	0	1	1	1	114.0
DADRA & NAGAR HAVELI															
2016-17	49	49	20	4	1		0	1	2	2	5	19	23	24	123.8
2017-18	49	49	20	4	1		0	1	2	2	4	19	23	24	123.9
2018-19	49	44	20	4	0		0	0	0	0	0	20	20	20	100.2
DAMAN & DIU															
2016-17	11	3		0		0	0	0	0	0	0	3	3	3	102.8
2017-18	11	3		0		0	0	0	0	0	0	3	3	3	100.4
2018-19	11	3		0		0	0	0	0	0	0	3	3	3	100.4
DELHI															
2016-17*	148	147	1	93	0	1	10	11	8	12	20	22	57	53	259.5
2017-18*	148	147	1	93	0	1	10	11	8	12	20	22	59	53	268.6
2018-19*	148	147	1	93	0	1	10	11	8	12	20	22	59	53	269.0
LAKSHADWEEP															
2016-17	3	3		1								2	2	2	107.2
2017-18	3	3		1								2	2	2	107.2
2018-19	3	3		0								3	3	3	100.9
PUDUCHERRY															
2016-17	48	49	0	20		1	4	6	3	5	8	15	26	29	170.7
2017-18	48	49	0	20		1	5	6	3	4	8	15	26	29	171.3
2018-19	48	49	0	20		1	5	6	3	4	7	15	27	28	174.5
ALL INDIA															
2016-17	328726	308316	72020	44823	10340	3124	12238	25702	11270	15086	26356	139415	200203	181133	143.6
2017-18	328726	307767	72047	44319	10338	3167	12287	25792	11621	14809	26430	139180	199988	181064	143.7
2018-19	328726	307787	72011	44512	10376	3154	12219	25749	11633	14531	26164	139351	197320	180888	141.6

Source: Directorate of Economics & Statistics, DA&FW '0' relates to the area below 500 hectares.

The figures related to area under forest are taken from latest "State of Forest Report," of the Forest Survey of India, Dehradun. The other categories of land use, net irrigated area, gross irrigated area, net area sown and area under crops as the case may be, are taken from latest Agriculture Census or are estimated based on latest available year data received from the States/Uts respectively.

4.6 : Irrigation Potential created under Accelerated Irrigation Benefit Programme (AIBP)- All Major and Medium Irrigation Projects

S. No.	State	Ultimate Potential	Created before AIBP	Target for AIBP	Potential Created under AIBP during									
					1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Andhra Pradesh	900.34	23.37	788.91	0.00	0.00	6.20	0.45	7.69	23.55	7.71	4.48	26.84	24.44
2	Assam	262.63	96.23	162.32	4.53	4.92	7.90	7.47	8.20	3.65	3.95	4.12	2.69	2.80
3	Bihar	1323.64	1430.99	684.65	0.00	8.00	7.79	13.53	43.30	47.95	44.79	60.38	174.65	45.27
4	Chhattisgarh	791.65	394.94	213.71	0.00	0.00	3.50	2.70	36.19	19.21	11.91	15.97	11.65	11.94
5	Goa	28.63	4.81	23.82	0.00	1.48	0.54	0.15	0.89	1.72	2.90	1.80	0.25	0.41
6	Gujarat	2028.35	168.21	1830.24	20.38	36.53	28.44	40.62	15.36	11.98	61.36	77.95	34.09	81.84
7	Haryana	400.50	179.53	200.97	12.40	14.97	21.12	11.23	12.32	3.27	2.96	7.89	6.90	10.09
8	Himachal Pradesh	37.51	0.00	37.51	0.00	0.24	0.24	0.33	0.17	0.32	0.49	0.49	0.49	3.53
9	Jammu & Kashmir	154.80	48.93	105.69	0.00	0.00	0.62	0.88	2.43	5.59	2.62	1.08	1.32	1.19
10	Jharkhand	299.83	6.04	293.79	0.00	1.80	1.40	1.80	3.60	2.02	1.00	0.00	0.00	0.50
11	Karnataka	1911.59	967.15	953.53	3.11	7.19	8.48	4.82	66.92	54.97	129.23	69.15	50.48	76.05
12	Kerala	154.84	69.12	57.47	1.58	0.00	0.80	1.65	5.92	4.80	9.18	5.03	0.65	2.71
13	Madhya Pradesh	1559.01	118.25	1028.50	0.00	0.00	5.00	9.47	9.32	16.68	11.16	50.44	21.06	18.10
14	Maharashtra	2230.69	827.79	1215.17	26.94	24.12	11.98	21.55	10.49	12.90	27.59	35.97	34.49	66.89
15	Manipur	55.99	4.00	51.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
16	Meghalaya	4.78	0.00	4.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Odisha	844.51	216.21	649.86	17.22	13.54	8.73	13.04	6.41	4.07	40.00	15.52	4.15	4.61
18	Punjab	337.62	0.00	337.62	0.00	0.00	0.00	14.16	79.75	2.09	0.00	4.99	18.03	8.18
19	Rajasthan	1752.51	70.11	1605.16	51.62	58.99	34.77	12.70	29.10	37.36	51.30	59.77	81.19	62.45
20	Tamil Nadu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Telangana	1145.43	1105.09	827.94	18.66	40.67	10.72	8.39	28.07	52.28	4.06	7.62	34.68	30.08
22	Tripura	26.72	2.18	24.54	0.21	0.10	0.67	0.75	0.89	0.00	0.00	0.52	2.05	3.01
23	Uttar Pradesh	5890.70	2658.52	3213.88	42.61	38.20	56.10	351.23	68.22	78.86	30.07	93.55	111.30	88.62
24	Uttarakhand	310.00	0.00	270.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	West Bengal	1057.96	402.02	551.02	0.30	9.00	11.35	16.25	10.14	5.43	2.55	2.47	5.15	2.31
Total		23510.22	8793.47	15133.04	199.55	259.75	226.35	533.14	445.36	388.69	444.81	519.15	622.09	550.01

(Contd..)

4.6 : Irrigation Potential created under Accelerated Irrigation Benefit Programme (AIBP)- All Major and Medium Irrigation Projects-Contd.

('000 Hectare)

S. No.	State	Potential Created under AIBP during														Potential Created under AIBP upto March 2021
		2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	
(1)	(2)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Andhra Pradesh	63.43	21.94	10.07	60.13	12.59	4.08	3.79	0.00	29.11	11.89	10.41	2.00	0.00	0.00	330.79
2	Assam	4.49	7.75	10.87	6.15	4.00	0.45	8.00	0.50	0.00	28.28	0.00	1.20	0.00	0.00	123.89
3	Bihar	6.4	10.00	0.47	0.00	0.00	0.00	3.68	0.00	0.00	10.31	0.40	0.20	1.87	0.20	480.35
4	Chhattisgarh	15.82	18.86	10.21	2.83	9.83	11.80	5.00	3.51	1.11	6.66	9.96	0.00	0.04	0.10	208.79
5	Goa	4.891	1.50	0.53	0.80	0.17	1.26	1.16	0.00	0.00	0.05	0.00	0.20	0.00	0.00	20.70
6	Gujarat	68.197	20.89	25.66	28.89	21.27	128.20	274.78	162.64	185.91	116.50	312.18	98.60	28.69	13.91	1910.96
7	Haryana	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115.22
8	Himachal Pradesh	3.335	4.15	4.04	5.01	5.59	3.53	5.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.50
9	Jammu & Kashmir	4.523	4.74	4.38	8.91	10.15	4.59	4.25	0.54	1.00	0.00	0.00	0.00	5.26	0.90	64.96
10	Jharkhand	0	0.00	0.51	1.66	0.00	4.30	23.83	0.00	0.00	79.19	0.00	0.00	0.00	0.61	122.22
11	Karnataka	18.753	6.45	32.74	24.71	28.80	8.02	21.33	30.34	88.41	24.62	81.00	6.90	1.93	1.34	846.50
12	Kerala	0.963	0.12	1.63	2.64	7.55	1.99	1.87	0.09	0.47	0.07	0.24	0.80	0.95	0.00	52.14
13	Madhya Pradesh	79.41	48.87	35.52	89.73	82.55	99.08	82.77	90.66	52.00	73.73	72.28	16.20	11.22	1.74	976.99
14	Maharashtra	89.261	65.33	70.78	34.79	41.54	26.39	20.30	21.90	24.26	66.51	31.49	74.10	66.22	33.24	939.47
15	Manipur	5.921	4.14	1.80	4.00	0.10	4.00	1.20	2.60	2.00	4.00	3.24	2.40	0.00	3.79	44.19
16	Meghalaya	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Odisha	14.401	10.73	27.66	36.21	20.31	6.76	11.14	6.44	7.26	5.42	17.61	13.10	15.20	3.82	324.65
18	Punjab	4.796	27.44	12.89	25.00	0.00	1.00	0.00	0.00	2.89	0.00	11.62	0.00	0.00	1.44	214.28
19	Rajasthan	129.465	54.00	49.00	396.03	13.01	12.80	11.45	1.77	6.28	0.00	7.05	0.10	0.07	0.00	1161.09
20	Tamil Nadu	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Telangana	25.473	60.32	9.31	8.09	25.85	20.07	54.96	7.12	69.22	20.11	84.12	9.70	3.74	20.36	653.67
22	Tripura	1.725	1.27	4.27	0.51	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.81
23	Uttar Pradesh	75.67	105.18	37.35	175.33	67.95	82.05	98.62	9.11	63.78	67.40	61.13	384.90	181.97	48.49	2446.70
24	Uttarakhand	0	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00
25	West Bengal	14.55	4.85	5.28	15.27	25.85	3.34	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	147.50
Total		631.474	478.50	354.97	926.67	377.12	423.93	635.40	337.20	533.70	514.74	702.73	610.40	317.16	129.94	11239.34

Source: Ministry of Water Resources, River Development and Ganga Rejuvenation

4.7: State-wise Area Covered under Micro Irrigation (as on 31.03.2021)

				(Hectare)
S.No.	Name of State	Drip	Sprinkler	Total
(1)	(2)	(3)	(4)	(5)
1	Andhra Pradesh	1388126	519165	1907291
2	Arunachal Pradesh	4017	3494	7511
3	Assam	4208	16217	20425
4	Bihar	13763	106979	120742
5	Chattisgarh	31311	331283	362594
6	Goa	1386	1346	2732
7	Gujarat	865959	764933	1630892
8	Haryana	40018	600461	640479
9	Himachal Pradesh	7934	6403	14337
10	Jammu & Kashmir	1779	280	2059
11	Jharkhand	25686	17713	43399
12	Karnataka	788981	1304281	2093262
13	Kerala	24168	9096	33264
14	Madhya Pradesh	330335	258600	588935
15	Maharashtra	1349979	576325	1926304
16	Manipur	358	7039	7397
17	Meghalaya	308	307	615
18	Mizoram	5551	1744	7295
19	Nagaland	3589	6210	9799
20	Odisha	29425	115396	144821
21	Punjab	36416	14055	50471
22	Rajasthan	287619	1730876	2018495
23	Sikkim	6667	7943	14610
24	Tamil Nadu	805282	348010	1153292
25	Telangana	203279	74871	278150
26	Tripura	444	1651	2095
27	Uttar Pradesh	41273	227897	269170
28	Uttarakhand	12737	10300	23037
29	West Bengal	10347	92984	103331
Total		6320945	7155859	13476804

Source: Department of Agriculture & Farmers Welfare

4.8: Ceilings on Land Holdings

(In Acres)

State	Irrigated Land with two Crops	Irrigated Land with one Crops	Dry land
(1)	(2)	(3)	(4)
As recommended in 1972 National Commission on Agriculture and in Agenda Notes 1965 of Regional Minister's Conference	10 to 18	27	54
Andhra Pradesh	12	18	30
Assam	10 to 18	15 to 27	35 to 54
Bihar	17	17	17
Gujarat	15 to 18	25	30 to 45
Haryana	10 to 18	15 to 27	20 to 54
Himachal Pradesh	18	27	54
Jammu & Kashmir	10	15	30 to 70
Karnataka	9 to 12.5	9 to 12.5	15 to 23 (in Ladakh 19)
Kerala	10 to 20	25 to 30	54
Madhya Pradesh	12 to 15	12 to 15	12 to 15
Maharashtra	18	27	54
Manipur	18	27	54
Mizoram	12	12	15
Odisha	-	-	-
Punjab	10	15	30 to 45
Rajasthan	17	27	51
Tamil Nadu	18	27	54 to 175
Sikkim	12	30	60
Tripura	12.5	12.5	50
Uttarakhand	10	10	30
Uttar Pradesh	18	27	45
West Bengal	18	27	45
Andaman & Nicobar Islands	12	12	17
	-	-	-

Source: Department of Land Resources

Note : 1. The actual limits for lands in Karnataka and Uttar Pradesh are higher due to classification of land.

2. The actual ceiling limits in Himachal Pradesh and Rajasthan are higher due to hilly terrain and desert lands.

3. 1 Acre = 0.404686 Hectare.

4.9: Performance of South West Monsoon during 1989 to 2021
(1 June - 30 September)

Year	Number of Meteorological Sub-Divisions@		Percentage of Districts with Large Excess/Excess/Normal Rainfall	Actual Rainfall as % of Normal Rainfall (All India)
	Large Excess/Excess/Normal Rainfall	Deficient/Large Deficient Rainfall		
	(2)	(3)	(4)	(5)
1989	29	6	72	101
1990	32	3	88	119
1991	27	8	68	91
1992	32	3	65	93
1993	31	4	78	100
1994	25	10	77	110
1995	33	2	79	100
1996	32	3	82	103
1997	32	3	81	102
1998	33	2	83	106
1999	28	7	67	96
2000	28	7	66	92
2001	30	5	68	92
2002	15	21	39	81
2003	33	3	77	102
2004	23	13	56	87
2005	32	4	72	99
2006	26	10	59	100
2007	31	5	72	106
2008	33	3	76	98
2009	14	22	41	77
2010	31	5	69	102
2011	33	3	76	101
2012	23	13	58	92
2013	30	6	72	106
2014	24	12	55	88
2015	19	17	51	86
2016	27	9	68	97
2017	30	6	66	95
2018	24	12	62	91
2019	31	5	77	110
2020	31	5	75	109
2021	30	6	77	99

Source: IMD

@: Total number of Meteorological sub-divisions was 35 upto 2001. From 2002 onwards, the no. of meteorological sub-divisions is 36.

Large Excess :- + 60 or more of Long Period Average Rainfall

Excess : Between + 20% and + 59% of Long Period Average Rainfall Normal :

Between + 19% and -19% of Long Period Average Rainfall Deficient : Between

-20% and -59% of Long Period Average Rainfall Large Deficient : Between -60%

and -99% of Long Period Average Rainfall

4.10: All India rainfall distribution from 1992-93 to 2021-22

(In Millimeters)

Year	Monsoon Season (June-September)			Post-Monsoon* (October-December)			Winter Season (January-February)			Pre-monsoon Season (March-May)			Overall Rainfall (June-May)		
	Actual	Normal	%Dep.	Actual	Normal	%Dep.	Actual	Normal	% Dep.	Actual	Normal	%Dep.	Actual	Normal	%Dep.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1992-93	830.7	899.2	-7.6	106.5	114.1	-6.7	37.9	41.0	-7.6	116.5	121.3	-4.0	1091.6	1175.6	-7.1
1993-94	902.1	908.9	-0.7	131.6	119.6	10.0	44.5	40.8	9.1	106.1	123.3	-13.9	1184.3	1192.6	-0.7
1994-95	999.2	906.8	10.2	121.5	119.6	1.6	53.1	41.1	29.2	123.5	123.2	0.2	1297.3	1190.7	9.0
1995-96	904.5	904.7	0.0	117.8	119.9	-1.8	37.4	40.8	-8.3	94.9	123.9	-23.4	1154.6	1189.3	-2.9
1996-97	927.6	905.7	2.4	128.0	120.8	6.0	21.0	40.6	-48.3	118.9	123.2	-3.5	1195.5	1190.3	0.4
1997-98	927.4	908.6	2.1	187.7	119.5	57.1	44.1	41.9	5.3	132.3	128.3	3.1	1291.5	1198.3	7.8
1998-99	945.2	903.6	4.6	178.8	121.8	46.8	28.4	42.8	-33.6	123.1	130.6	-5.7	1275.5	1198.8	6.4
1999-00	866.9	903.2	-4.0	144.7	121.8	18.8	43.1	42.5	1.4	128.8	129.5	-0.5	1183.5	1197.0	-1.1
2000-01	833.7	902.3	-7.6	64.1	121.7	-47.3	16.2	42.2	-61.6	129.7	129.3	0.3	1043.7	1195.5	-12.7
2001-02	826.0	901.1	-8.3	137.7	121.7	13.1	35.0	41.2	-15.0	121.5	132.0	-8.0	1120.2	1196.0	-6.3
2002-03	737.1	911.7	-19.2	83.4	123.7	-32.6	53.2	38.3	38.9	107.7	131.7	-18.2	981.4	1205.4	-18.6
2003-04	947.3	902.7	4.9	134.6	125.0	7.7	34.5	39.2	-12.0	161.6	129.6	24.7	1278.0	1196.5	6.8
2004-05	779.6	893.3	-12.7	111.8	125.7	-11.1	69.8	43.8	59.0	124.7	134.5	-7.3	1085.9	1197.3	-9.3
2005-06	879.3	892.5	-1.0	138.4	125.8	10.0	27.8	43.9	-37.0	139.9	134.6	3.9	1185.4	1196.8	-1.0
2006-07	886.6	892.2	-0.6	99.3	125.9	-21.1	34.3	43.8	-21.7	112.8	133.6	-15.6	1133.0	1195.5	-5.2
2007-08	936.9	892.2	5.0	85.4	125.9	-32.2	42.6	43.2	-1.4	115.3	133.5	-13.6	1180.2	1194.8	-1.2
2008-09	873.2	892.2	-2.1	87.2	125.9	-30.7	23.6	43.8	-46.1	91.0	134.5	-32.3	1075.0	1196.4	-10.1
2009-10	689.8	892.2	-22.7	135.5	125.9	7.6	24.6	43.8	-43.8	122.9	133.7	-8.1	972.8	1195.6	-18.6
2010-11	912.8	893.2	2.2	153.2	126.3	21.3	31.9	40.9	-22.0	114.4	131.3	-12.9	1212.3	1191.7	1.7
2011-12	899.9	887.5	1.4	65.7	127.2	-48.3	38.8	40.9	-5.1	90.3	131.3	-31.2	1094.7	1186.9	-7.8
2012-13	819.5	886.9	-7.6	100.6	127.2	-20.9	51.4	40.9	25.7	101.9	131.3	-22.4	1073.4	1186.3	-9.5
2013-14	936.7	886.9	5.6	149.5	127.2	17.5	46.2	40.9	13.0	130	131.3	-1.0	1262.4	1186.3	6.4
2014-15	777.5	886.9	-12.3	85.2	127.2	-33.0	37.6	41.4	-9.2	181.5	131.5	38.0	1081.8	1187.0	-8.9
2015-16	760.6	887.5	-14.3	97.8	127.2	-23.1	17.9	41.4	-56.8	131.0	131.5	-0.4	1007.3	1187.6	-15.2
2016-17	862.0	887.5	-2.9	69.7	127.2	-45.2	39.3	41.4	-5.1	128.4	131.5	-2.4	1099.4	1187.6	-7.4
2017-18	841.3	887.5	-5.2	112.7	127.2	-11.4	15.4	41.4	-62.8	117	131.5	-11.0	1086.4	1187.6	-8.5
2018-19	804.0	887.5	-9.4	71.2	127.2	-44.0	51.4	41.4	24.2	99	131.5	-24.7	1025.6	1187.6	-13.6
2019-20	968.3	880.6	10.0	160	123.8	29.2	40.2	40.8	-1.4	158.5	131.7	20.3	1327.0	1176.9	12.8
2020-21	957.6	880.6	8.7	124.6	123.8	0.6	27.8	40.8	-32.0	155.2	131.7	18.0	1265.2	1176.9	7.5
2021-22	874.6	880.6	-1.0	177.8	123.8	44.0	58.7	40.8	44.0						

Source: IMD

*:- Till 28.02.2022.

4.11: Broad region-wise Monsoon (June-September) Rainfall Distribution from 2005 to 2021

(In Millimeters)

Year	North-West India			Central India			South Peninsula			East & North-East India		
	Actual	Normal	% Departure	Actual	Normal	% Departure	Actual	Normal	% Departure	Actual	Normal	% Departure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2005	552.1	611.6	-10	1094.9	993.2	10	808.9	722.6	12	1140.9	1430.7	-20
2006	573.7	611.6	-6	1152.2	993.9	16	684.6	722.6	-5	1177.6	1427.3	-17
2007	520.8	611.6	-15	1073.8	993.9	8	907.3	722.6	26	1485.9	1427.3	4
2008	651.7	611.6	7	956.9	993.9	-4	692.5	722.6	-4	1346.0	1427.3	-6
2009	392.1	611.6	-36	794.8	993.9	-20	693.0	722.6	-4	1037.7	1427.3	-27
2010	688.2	613.0	12	1027.9	991.5	4	853.6	722.9	18	1175.8	1436.2	-18
2011	654.8	615.0	7	1073.6	975.5	10	715.2	715.5	0	1233.6	1438.3	-14
2012	569.3	615.0	-7	934.6	974.2	-4	644.0	715.7	-10	1275.3	1437.8	-11
2013	671.8	615.0	9	1195.3	974.2	23	825.6	715.7	15	1037.9	1437.8	-28
2014	483.1	615.0	-21	879.7	974.2	-10	665.4	715.7	-7	1267.7	1437.8	-12
2015	510.6	615.0	-17	815.5	975.5	-16	605.7	716.1	-15	1317.5	1438.3	-8
2016	584.2	615.0	-5	1034.1	975.5	6	661.5	716.1	-8	1281.5	1438.3	-11
2017	552.9	615.0	-10	918.8	975.5	-6	717.6	716.1	0	1386.4	1438.3	-4
2018	603.2	615.0	-2	911.3	975.5	-7	704.4	716.1	-2	1087.5	1438.3	-24
2019	586.0	599.5	-2	1262.8	976.6	29	840.9	726.2	16	1240.7	1410.4	-12
2020	505.7	599.5	-16	1123.8	976.6	15	939.9	726.2	29	1500.3	1410.4	6
2021	575.9	599.5	-4	1012.5	976.6	4	804.2	726.2	11	1246.2	1410.4	-12

Source : IMD

Chapter 5

Agricultural Census and Survey

5.1: Number and Area of Operational Holdings by Size Group

No. of Holdings: '000 Number
Area Operated: '000 Hectare
Average size: Hectare

Category of Holdings	Number of Holdings			Area			Average Size of Holdings		
	2005-06*	2010-11	2015-16	2005-06*	2010-11	2015-16	2005-06*	2010-11	2015-16(P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Marginal (Less than 1 hectare)	83694 (64.8)	92826 (67.1)	100251 (68.45)	32026 (20.2)	35908 (22.5)	37923 (24.03)	0.38	0.39	0.38
Small (1.0 to 2.0 hectares)	23930 (18.5)	24779 (17.9)	25809 (17.62)	33101 (20.9)	35244 (22.1)	36151 (22.91)	1.38	1.42	1.40
Semi-Medium (2.0 to 4.0 hectares)	14127 (10.9)	13896 (10.0)	13993 (9.55)	37898 (23.9)	37705 (23.6)	37619 (23.84)	2.68	2.71	2.69
Medium (4.0 to 10.0 hectares)	6375 (4.9)	5875 (4.2)	5561 (3.80)	36583 (23.1)	33828 (21.2)	31810 (20.16)	5.74	5.76	5.72
Large (10.0 hectares and above)	1096 (0.8)	973 (0.7)	838 (0.57)	18715 (11.8)	16907 (10.6)	14314 (9.07)	17.08	17.38	17.07
All Holdings	129222 (100.0)	138348 (100.0)	146454 (100.0)	158323 (100.0)	159592 (100.0)	157817 (100.0)	1.23	1.15	1.08

Source : Department of Agriculture & Farmers Welfare (Agriculture Census 2015-16)

*-Excluding Jharkhand

P-Provisional

Note: Figures in parentheses indicate percentage share out of total holdings/area.

5.2 (a): Number of Operational Holdings by Size Group- 2015-16

State/UT	Marginal	Small	Semi-Medium	Medium	Large	All Holdings
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andaman & Nicobar Islands	5154	2533	2875	1364	28	11954
Andhra Pradesh	5904039	1646246	769843	189034	14748	8523910
Arunachal Pradesh	27161	24056	29018	26328	6690	113253
Assam	1868020	495313	295286	79262	3830	2741711
Bihar	14970585	943796	414015	81408	3089	16412893
Chandigarh	480	139	81	46	2	748
Chhattisgarh	2434321	879477	493056	180823	23095	4010772
Dadra & Nagar Haveli	8511	3829	1887	746	99	15072
Daman & Diu	7422	423	131	34	6	8016
Delhi	11489	5436	2587	1209	121	20842
Goa	59472	8083	4309	2092	607	74563
Gujarat	2018827	1615788	1150254	495869	39888	5320626
Haryana	802396	313937	277972	192327	41383	1628015
Himachal Pradesh	712204	173456	82265	25920	2964	996809
Jammu & Kashmir	1186887	159988	58102	10998	534	1416509
Jharkhand	1961615	418684	277306	125514	19827	2802946
Karnataka	4767132	2213732	1192724	451445	55706	8680739
Kerala	7333248	181372	55744	11274	1858	7583496
Lakshadweep	9562	281	135	31	8	10017
Madhya Pradesh	4834531	2724684	1674301	706734	62885	10003135
Maharashtra	7815823	4339259	2327023	733619	69715	15285439
Manipur	76705	48737	22269	2734	39	150484
Meghalaya	122748	60268	39863	9256	262	232397
Mizoram	44963	27483	13834	3209	285	89774
Nagaland	8211	29790	63332	73769	21430	196532
Odisha	3636658	887272	286735	51210	3975	4865850
Puducherry	28361	3385	1568	481	45	33840
Punjab	154412	207436	367938	305220	57707	1092713
Rajasthan	3070873	1677372	1416174	1131440	358757	7654616
Sikkim	44294	12767	10591	3513	367	71532
Tamil Nadu	6224319	1119229	452236	127650	14513	7937947
Telangana	3840131	1408979	563530	125630	9465	5947735
Tripura	504105	47987	18538	2491	73	573194
Uttar Pradesh	19099828	3008403	1313695	376790	22909	23821625
Uttarakhand	659064	148817	58040	14496	888	881305
West Bengal	5997758	970895	255957	17514	608	7242732
All India	100251309	25809332	13993214	5561480	838406	146453741

Source : Department of Agriculture & Farmers Welfare (Agriculture Census 2015-16)

5.2 (b): Area of Operational Holdings by Size Group- 2015-16

(Figures in Hectare)

State/UT	Marginal	Small	Semi-Medium	Medium	Large	All Holdings
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andaman & Nicobar Islands	2372.62	3737.81	7873.99	6128.93	1106.73	21220.07
Andhra Pradesh	2336409.71	2334051.98	2019756.63	1038253.92	275999.71	8004471.95
Arunachal Pradesh	14356.98	30640.11	77432.38	153215.31	104294.29	379939.07
Assam	784971.32	696107.03	806250.00	410090.50	278835.70	2976254.56
Bihar	3727921.25	1178101.04	1075804.81	430508.89	44718.90	6457054.89
Chandigarh	206.49	191.04	235.39	248.48	31.85	913.25
Chhattisgarh	1039903.20	1238488.85	1315920.81	1025558.38	371857.32	4991728.56
Dadra & Nagar Haveli	4521.09	5143.57	5191.85	4322.51	1551.91	20730.93
Daman & Diu	1664.40	566.49	354.56	200.14	78.64	2864.22
Delhi	5207.65	7634.98	7266.99	6913.48	1951.71	28974.82
Goa	23476.19	13432.90	14018.31	14112.46	17045.04	82084.90
Gujarat	1073153.79	2338174.33	3171855.22	2804446.15	590150.15	9977779.64
Haryana	391705.35	459439.42	802030.09	1167627.96	787783.69	3608586.52
Himachal Pradesh	285428.04	242312.91	223343.11	146156.70	46985.90	944226.66
Jammu & Kashmir	397390.22	220672.20	153906.45	59446.93	10892.15	842307.95
Jharkhand	754009.23	569485.28	755488.28	707844.41	303906.94	3090734.13
Karnataka	2080098.12	3107119.63	3188193.18	2568763.01	860931.89	11805105.84
Kerala	856074.10	242336.53	141685.39	60007.62	94833.10	1394936.74
Lakshadweep	1681.43	339.61	328.51	168.93	140.20	2658.68
Madhya Pradesh	2372199.19	3835581.66	4521716.94	4008229.25	932509.62	15670236.65
Maharashtra	3448659.10	5771127.10	6025640.40	4099418.02	1161587.37	20506431.99
Manipur	40295.68	62773.84	55322.02	13357.23	432.42	172181.19
Meghalaya	55929.89	79595.89	108904.36	51413.49	4236.04	300079.67
Mizoram	27167.00	35063.65	31671.94	14908.92	3653.20	112464.71
Nagaland	4608.78	36803.15	169447.92	431165.51	314413.88	956439.24
Odisha	2056820.60	1404130.37	787866.83	284228.07	86242.66	4619288.52
Puducherry	8194.63	4913.97	4280.54	2693.03	782.00	20864.17
Punjab	93360.31	289729.35	983565.84	1729848.19	857229.91	3953733.61
Rajasthan	1482911.94	2388734.34	3988603.34	6898759.81	6114290.00	20873299.43
Sikkim	18073.30	17755.51	28763.89	19957.59	6315.02	90865.31
Tamil Nadu	2168705.74	1555481.71	1215345.19	714169.79	317027.89	5970730.32
Telangana	1705882.58	1976615.61	1466837.15	687904.63	134574.14	5971814.11
Tripura	148777.52	70095.55	49196.28	12633.75	1082.06	281785.17
Uttar Pradesh	7298325.75	4174659.29	3559517.75	2074622.78	343244.47	17450370.04
Uttarakhand	283441.55	206228.12	155532.49	78833.81	23283.72	747319.70
West Bengal	2929448.20	1553445.58	700157.87	84268.39	219539.01	5486859.05
All India	37923352.95	36150710.41	37619306.71	31810426.98	14313539.22	157817336.26

Source : Department of Agriculture & Farmers Welfare (Agriculture Census 2015-16) Note: Total may not tally due to rounding off.

5.3: Average Size of Holdings by Size Group- 2015-16

(Figures in Hectare)

State/UT	Marginal	Small	Semi-Medium	Medium	Large	All Holdings
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andaman & Nicobar Islands	0.46	1.48	2.74	4.49	39.53	1.78
Andhra Pradesh	0.40	1.42	2.62	5.49	18.71	0.94
Arunachal Pradesh	0.53	1.27	2.67	5.82	15.59	3.35
Assam	0.42	1.41	2.73	5.17	72.80	1.09
Bihar	0.25	1.25	2.60	5.29	14.48	0.39
Chandigarh	0.43	1.37	2.91	5.40	15.92	1.22
Chhattisgarh	0.43	1.41	2.67	5.67	16.10	1.24
Dadra & Nagar Haveli	0.53	1.34	2.75	5.79	15.68	1.38
Daman & Diu	0.22	1.34	2.71	5.89	13.11	0.36
Delhi	0.45	1.40	2.81	5.72	16.13	1.39
Goa	0.39	1.66	3.25	6.75	28.08	1.10
Gujarat	0.53	1.45	2.76	5.66	14.80	1.88
Haryana	0.49	1.46	2.89	6.07	19.04	2.22
Himachal Pradesh	0.40	1.40	2.71	5.64	15.85	0.95
Jammu & Kashmir	0.33	1.38	2.65	5.41	20.40	0.59
Jharkhand	0.38	1.36	2.72	5.64	15.33	1.10
Karnataka	0.44	1.40	2.67	5.69	15.45	1.36
Kerala	0.12	1.34	2.54	5.32	51.04	0.18
Lakshadweep	0.18	1.21	2.43	5.45	17.53	0.27
Madhya Pradesh	0.49	1.41	2.70	5.67	14.83	1.57
Maharashtra	0.44	1.33	2.59	5.59	16.66	1.34
Manipur	0.53	1.29	2.48	4.89	11.09	1.14
Meghalaya	0.46	1.32	2.73	5.55	16.17	1.29
Mizoram	0.60	1.28	2.29	4.65	12.82	1.25
Nagaland	0.56	1.24	2.68	5.84	14.67	4.87
Odisha	0.57	1.58	2.75	5.55	21.70	0.95
Puducherry	0.29	1.45	2.73	5.60	17.38	0.62
Punjab	0.60	1.40	2.67	5.67	14.85	3.62
Rajasthan	0.48	1.42	2.82	6.10	17.04	2.73
Sikkim	0.41	1.39	2.72	5.68	17.21	1.27
Tamil Nadu	0.35	1.39	2.69	5.59	21.84	0.75
Telangana	0.44	1.40	2.60	5.48	14.22	1.00
Tripura	0.30	1.46	2.65	5.07	14.82	0.49
Uttar Pradesh	0.38	1.39	2.71	5.51	14.98	0.73
Uttarakhand	0.43	1.39	2.68	5.44	26.22	0.85
West Bengal	0.49	1.60	2.74	4.81	361.08	0.76
All India	0.38	1.40	2.69	5.72	17.07	1.08

Source: Department of Agriculture & Farmers Welfare (Agriculture Census 2015-16)

5.4: Estimated Number of Operational Holdings by Size Classes and Irrigation Status- 2015-16

Number of Holdings: '000 Number

Area: '000 Hectare

Size-Class	Wholly Irrigated		Partially Irrigated			Wholly Unirrigated		Total Holdings	
	Number	Area	Number	Area	Irrigated Area	Number	Area	Number	Area
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Marginal	45165	16336	11326	3765	2033	38418	14170	100251	37923
Small	9161	12117	4055	5229	3036	11837	15259	25809	36151
Semi-medium	4743	12018	2687	6530	3779	6186	14978	13993	37619
Medium	1835	9901	1324	6605	3751	2247	11281	5561	31810
Large	238	3836	208	2804	1427	370	5206	838	14314
All Classes	61142	54208	19600	24933	14026	59059	60894	146454	157817

Source : Department of Agriculture & Farmers Welfare (Agriculture Census 2015-16)

5.5: Area Irrigated by different Source of Irrigation by Size Classes

(Figures in '000 Hectare)						
Size Class	Canals	Tanks	Wells	Tubewells	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Marginal	4783	912	2262	7818	1060	16835
Small	3562	558	2891	6232	1021	14263
Semi-medium	3686	433	3219	6629	1028	14995
Medium	3441	259	2728	6001	836	13266
Large	1436	86	817	2485	384	5209
Total	16908	2248	11917	29165	4329	64567

Source : Department of Agriculture & Farmers Welfare (Agriculture Census 2010-11)

Note: The information on area irrigated by different sources is not collected in the latest Agriculture Census 2015-16. Thus, the above figures are as per Agriculture Census 2010-11.

5.6: Irrigated and Un-irrigated Area by Size Classes under different Crops

(Figures in '000 Hectare)

Crops	Irrigated						Un-irrigated					
	Marginal	Small	Semi-	Medium	Large	Total	Marginal	Small	Semi-	Medium	Large	Total
	Medium						medium					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Paddy	11063	6510	5796	4477	1673	29519	7467	4891	4000	2435	831	19623
Wheat	7767	5811	6553	6365	2419	28914	1452	909	939	525	156	3980
Other Cereals	1536	1182	1250	1025	442	5435	4259	4824	5089	4300	2036	20507
Total Cereals	20366	13503	13598	11867	4534	63868	13177	10623	10028	7259	3023	44110
Total Pulses	601	841	1121	1343	473	4379	3012	3783	4229	3686	1498	16209
Sugarcane	1128	1171	1133	743	183	4359	108	69	76	37	6	297
Total Oilseeds	1398	1865	2425	2575	1075	9338	2793	4304	4564	3428	887	15975
Total Fibres	641	841	1025	970	375	3852	1539	2719	2540	1612	344	8753
All Crops	26478	20297	21387	19564	7853	95578	22588	23233	23496	18680	8179	96176

Source : Department of Agriculture & Farmers Welfare (Agriculture Census 2015-16)

Note:- All Crops include few more crops other than those listed above, viz., Fruits, Vegetables, Spices Tea, Coffee, Rubber, etc. Paddy includes Paddy of all the seasons. Totals may not tally due to rounding off

5.7: Usage of Chemical Fertilizers, Farm Yard Manure and Pesticides by major Size Groups

(Area: '000 Hectare)
(Fertilizers/ Manure/ Pesticides: Metric Tonnes)

Size Groups (hectares)		Gross Cropped Area	Area Treated with Fertilizers	Quantity Applied						
				DAP	Urea	Super Phosphate	Ammonium Sulphate	Others		
								N	P	K
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Marginal (Below 1.00)	I	25173	20465	2399231	5420097	435947	15402	164273	266106	609774
	UI	23507	14991	964018	2335685	246717	5126	85691	157777	219615
	T	48681	35456	3363249	7755788	682663	20527	249964	423885	829386
Small (1.0-1.99)	I	22215	20569	1945993	4252730	301873	9883	112862	179086	386744
	UI	22209	15234	987695	1858774	198974	7063	59287	115434	153336
	T	44424	35803	2933691	6111503	500848	16948	172150	294522	540081
Semi-Medium (2.0-3.99)	I	22756	21350	1708572	4594508	251889	6087	118130	195713	380423
	UI	23244	15745	908612	1953345	202569	5427	57133	112382	135144
	T	46000	37094	2617176	6547858	454460	11514	175261	308099	515571
Medium (4.0-9.99)	I	19175	17853	2075122	3254747	217436	5266	108977	126304	198913
	UI	19402	11452	584128	1221054	123406	3068	28225	54345	62488
	T	38217	29305	2659250	4475796	340846	8336	137203	180648	261401
Large (10.0 and above)	I	6934	6275	495211	1026334	83884	182	7128	12021	36656
	UI	8185	3350	124055	288187	28554	468	6455	11066	13250
	T	15118	9625	619266	1314522	112439	650	13583	23085	49910
All Groups	I	96253	86512	8624130	18548427	1291029	36825	511373	779231	1612516
	UI	96187	60772	3568505	7657048	800222	21151	236790	451005	583835
	T	192440	147284	12192634	26205473	2091250	57977	748163	1230236	2196353

contd...

5.7: Usage of Chemical Fertilizers, Farm Yard Manure and Pesticides by major Size Groups

		(Area: '000 Hectare)(Fertilizers/ Manure/ Pesticides: Metric Tonnes)					
Size Groups (hectares)		Quantity Applied			Area Treated with		Quantity of Farm Yard Manure Applied
		Total			Farm Yard Manure	Pesticides	
		N	P	K			
(1)		(11)	(12)	(13)	(14)	(15)	(16)
Marginal (Below 1.00)	I	3092550	1439505	609774	5232	9378	23075568
	UI	1334687	640700	219615	5735	9089	23732036
	T	4427238	2080207	829386	10967	18467	46807604
Small (1.0-1.99)	I	2421434	1122539	386744	3870	8644	20213799
	UI	1093560	601613	153336	4949	8884	18900656
	T	3514997	1724152	540081	8820	17529	39114455
Semi-Medium (2.0-3.99)	I	2540404	1021957	380423	3603	8970	18752460
	UI	1120336	562753	135144	4355	8825	14579986
	T	3660738	1584714	515571	7958	17795	33332446
Medium (4.0-9.99)	I	1980770	1115649	198913	2531	7439	12159974
	UI	695687	342791	62488	2865	5971	8708340
	T	2676453	1458436	261401	5396	13410	20868314
Large (10.0 and above)	I	568421	253240	36656	626	2914	2208629
	UI	161450	72700	13250	889	1942	1479820
	T	729868	325939	49910	1515	4856	3688450
All Groups	I	10603578	4952896	1612516	15862	37344	76410430
	UI	4405719	2220551	583835	18794	34712	67400838
	T	15009301	7173448	2196353	34656	72057	143811268

Source : Department of Agriculture & Farmers Welfare (Input Survey 2016-17). Notes: I - Irrigated, UI - Unirrigated, T - Total of I & UI.
 N: Nitrogen, P: Phosphorus, and K: Potassium
 Total may not tally due to rounding off.

5.8: Estimated Institutional Credit taken for Agricultural Purposes by Size Groups

('000 Units)

Size Group (Ha)	Total No. of Operational Holdings	Estimated No. of Operational Holdings that took Institutional Credit	No. of Operational Holdings that took Institutional Credit from						
			PACS	PLDB/ SLDB	CBB	RRBB	PACS		
							Short Term	Medium Term	Long Term
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Marginal (Below 1.00)	100098	33806	17124	1196	10055	7554	6483475	1272	292
Small (1.0-1.99)	25772	12616	6098	524	4521	2594	3844259	439	208
Semi-Medium (2.0-3.99)	13963	7153	3636	345	2548	1252	2963835	132	0
Medium (4.0-9.99)	5538	3068	1694	173	1093	554	1816887	15	0
Large (10 and Above)	819	437	239	24	180	81	308581	0	0
All Groups	146190	57080	28792	2262	18398	12035	15417037	1858	500

5.8: Estimated Institutional Credit taken for Agricultural Purposes by Size Groups -Contd.

Amount of Institutional Credit Taken									
Size Group (Ha)	PLDB/ SLDB			CBB			RRBB		
	Short Term	Medium Term	Long Term	Short Term	Medium Term	Long Term	Short Term	Medium Term	Long Term
(1)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Marginal (Below 1.00)	0	1059934	189269	4820510	1569183	474057	2448065	742761	156004
Small (1.0-1.99)	0	741588	152139	3155987	1342181	365264	1391765	343974	128517
Semi-Medium (2.0-3.99)	0	612487	172448	2715683	1147816	444953	993527	294914	137789
Medium (4.0-9.99)	0	416757	154324	1819981	795177	385631	620842	271216	100136
Large (10 & Above)	0	48697	32759	433633	177398	117992	148016	50161	23511
All Groups	0	2879462	700939	12945794	5031755	1787897	5602215	1703026	545957

Source : Department of Agriculture & Farmers Welfare (Input Survey 2016-17).

PACS: Primary Agricultural Credit Society, PLDB: Primary Land Development Bank of State Land Development Bank, CBB: Commercial Bank Branch, RRBB: Regional Rural Bank Branch

Total may not tally due to rounding off.

5.9: Total Institutional Credit taken for Agricultural Purposes by different Size-Groups

(In Lakh Rupees)

Size Group (Ha)	Amount of Institutional Credit Taken				Short Term Loans			
	Short Term Loans	Medium Term Loans	Long Term Loans	Total	Value of the Quantity of Fertilizer Given	Value of the Quantity of Other Inputs	Given in Cash	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Marginal (Below 1.00)								
Small (1.0-1.99)	13752050	3373150	819622	17944822	1612319	869829	11269903	13752050
Semi-Medium (2.0-3.99)	8392012	2428182	646128	11466322	1086480	528083	6777450	8392012
Medium (4.0-9.99)	6673044	2055348	755189	9483582	785825	426471	5460748	6673044
Large (10 & Above)	4257710	1483165	640092	6380967	510623	281246	3465841	4257710
	890230	276255	174263	1340748	98835	72398	718997	890230
All Groups	33965047	9616101	3035293	46616440	4094082	2178027	27692938	33965047

Source : Department of Agriculture & Farmers Welfare (Input Survey 2016-17)

Note:-Total may not tally due to rounding off

5.10: Estimated Number of Rural Households, Agricultural Households and Indebted Agricultural Households during the agricultural year July 2018-June 2019

State	Estimated Number of Rural Households (⁰⁰)	Estimated Number of Agricultural Households (⁰⁰)	% of Agricultural Households to Rural Households	Estimated Number of Agricultural Households having loan (⁰⁰)	% of Agricultural Households indebted	Average monthly income (Rs) per Agricultural Household
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	94612	31587	33.4	29430	93.2	10480
Arunachal Pradesh	2207	1524	69.1	191	12.5	19225
Assam	57990	30999	53.5	9617	31.0	10675
Bihar	157985	70123	44.4	27804	39.7	7542
Chhattisgarh	44705	29851	66.8	9307	31.2	9677
Gujarat	66027	40369	61.1	17147	42.5	12631
Haryana	31054	19062	61.4	9061	47.5	22841
Himachal Pradesh	14848	10280	69.2	3005	29.2	12153
Jammu & Kashmir	16875	12557	74.4	4011	31.9	18918
Jharkhand	50275	28080	55.9	7116	25.3	4895
Karnataka	77586	42501	54.8	28748	67.6	13441
Kerala	44240	14667	33.2	10257	69.9	17915
Madhya Pradesh	109597	72738	66.4	35173	48.4	8339
Maharashtra	134755	72941	54.1	39390	54.0	11492
Manipur	3732	2412	64.6	497	20.6	11427
Meghalaya	4964	3647	73.5	333	9.1	29348
Mizoram	1029	764	74.2	61	8.0	17964
Nagaland	2402	1918	79.9	116	6.0	9877
Odisha	81576	48153	59.0	29452	61.2	5112
Punjab	35170	14671	41.7	7976	54.4	26701
Rajasthan	95126	70378	74.0	42455	60.3	12520
Sikkim	984	652	66.3	69	10.6	12447
Tamil Nadu	97694	25825	26.4	16813	65.1	11924
Telangana	48996	26557	54.2	24363	91.7	9403
Tripura	6982	2893	41.4	1380	47.7	9918
Uttarakhand	14595	9844	67.4	4585	46.6	13552
Uttar Pradesh	271468	177583	65.4	74493	41.9	8061
West Bengal	152691	66890	43.8	34012	50.8	6762
UTs	2261	897	39.7	247	27.5	18511
All India	1724433	930935	54.0	467196	50.2	10218

Source : Situation Assessment Survey of Agricultural Households (Jan-Dec 2019), National Statistical Office(NSO)

* Separate estimates for the newly formed States of Telangana and Andhra Pradesh are provided in place of erstwhile State of Andhra Pradesh

Notes:

1 Reference period for Indebtedness is "as on the date of survey"

2 Indebtedness relates to all kind of outstanding loans irrespective of the purpose for which taken

3. Data pertains to Visit 1.

5.11: Indebtedness of Agricultural Households(all-India) in Different Size Classes of Land Possessed

Land Possessed (hectare)	Estimated Number of Agricultural Households (lakh)	% to Total in each Class	Estimated Number of Indebted Agricultural Households (lakh)	% distribution of indebted Agricultural Households	% of Indebted Agricultural Households	Average Outstanding Loan Amount (₹)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
< 0.01	5.70	0.61	2.20	0.5	38.5	26883
0.01-0.40	318.61	34.22	130.03	27.8	40.8	33220
0.41-1.00	331.48	35.61	160.57	34.4	48.4	51933
1.01-2.00	164.83	17.71	94.56	20.2	57.4	94498
2.01-4.00	80.37	8.63	56.01	12.0	69.7	175009
4.01-10.00	26.46	2.84	20.97	4.5	79.3	326766
10 & above	3.49	0.37	2.84	0.6	81.4	791132
All India	930.94	100.00	467.20	100.0	50.2	74121

Source: Situation Assessment Survey of Agricultural Households (Jan-Dec 2019), National Statistical Office(NSO) 1 Reference period for land possession and Indebtedness is "as on the date of survey"

2 Indebtedness relates to all kind of outstanding loans irrespective of the purpose for which taken

3 Data pertains to visit 1

5.12: Incidence of Indebtedness in Major States

State	Estimated Number of Indebted Agricultural Households('00)	% to Total Indebted Agricultural Households	% Share in Total Foodgrains in 2020-21*	
			Area	Production
(1)	(2)	(3)	(4)	(5)
1. Uttar Pradesh	74493	15.9	15.4	18.9
2. Maharashtra	39390	8.4	8.8	5.2
3. Rajasthan	42455	9.1	12.0	7.9
4. Andhra Pradesh**	29430	6.3	3.2	3.7
5. West Bengal	34012	7.3	5.1	6.5
6. Karnataka	28748	6.2	6.3	4.2
7. Bihar	27804	6.0	4.9	5.1
8. Madhya Pradesh	35173	7.5	11.9	10.4
9. Odisha	29452	6.3	3.8	3.1
10. Telangana**	24363	5.2	2.6	3.3
11. Punjab	7976	1.7	5.0	9.7
12. Other States/UTs	93900	20.1	21.0	22.1
All India	467196	100.0	100.00	100.00

Source : Situation Assessment Survey of Agricultural Households (Jan-Dec 2019), National Statistical Office(NSO) for Col-2 and 3 and Directorate of Economics & Statistics for Col-4 and 5

* As per the 4th Advance Estimates

**Separate estimates for the newly formed States of Telangana and Andhra Pradesh are provided in place of erstwhile State of Andhra Pradesh

Note: Reference period for Indebtedness is "as on the date of survey"

5.13: The percentage distribution of indebted agricultural households by size class of land possessed for selected States

State	% of Marginal Indebted Agricultural Households (upto 1.0 ha of land)	% of Small Indebted Agricultural Households (1.01 to 2.00 ha)	% of Semi-Medium Indebted Agricultural Households (2.01 to 4.00 ha)	% of Medium Indebted Agricultural Households (4.01 to 10.00 ha)	% of Large Indebted Agricultural Households (>10.00 ha)
(1)	(2)	(3)	(4)	(5)	(6)
1. Uttar Pradesh	77.5	13.9	6.6	1.9	0.1
2. Maharashtra	40.3	30.3	20.2	8.2	1.1
3. Madhya Pradesh	45.0	27.9	17.5	8.8	0.9
4. Rajasthan	47.1	24.8	17.2	9.8	1.2
5. Karnataka	47.9	26.2	18.1	7.2	0.5
6. Andhra Pradesh*	52.1	24.5	18.1	3.6	1.6
7. Telangana*	40.3	30.9	21.5	6.9	0.5
8. Bihar	83.8	11.7	4.1	0.2	0.2
9. West Bengal	93.8	5.1	1.0	0.1	0.0
10. Punjab	47.8	18.6	18.6	13.6	1.4
11. Odisha	72.7	20.0	6.1	1.1	0.1
All India	62.7	20.2	12.0	4.5	0.6

Source : Situation Assessment Survey of Agricultural Households (Jan-Dec 2019), National Statistical Office(NSO)

*Separate estimates for the newly formed States of Telangana and Andhra Pradesh are provided in place of erstwhile State of Andhra Pradesh

Notes:

1 Reference period for land possession and Indebtedness is "as on the date of survey"

2 Indebtedness relates to all kind of outstanding loans irrespective of the purpose for which taken

3 Data pertains to Visit 1

5.14: List of Studies Conducted by Agro-Economic Research Centers

2016-17

1.	Documentation of Success Stories of Food Processing Units in Karnataka.	ADRT, Bangalore
2.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in Karnataka.	ADRT, Bangalore
3.	Farmers Suicides: Causes and Policy Prescriptions in Karnataka.	ADRT, Bangalore
4.	Sustainability of Self-help and Joint-liability Group Institutions under Micro-finance.	CMA, Ahmedabad
5.	Demand, Supply and Consumption of milk and milk products during the 11 th Five year Plan and projections for 12 th Five year Plan and its cost effective procurement at farm gate (Consolidated)	IEG, Delhi
6.	Pilot Project to Ascertain the use of Diesel for Irrigation.	IEG, Delhi
7.	Evaluation of Market Intervention Scheme (MIS) and PSS (Consolidated)	IEG, Delhi
8.	Estimation of losses to the pulses by blue-bulls in Uttar Pradesh.	Allahabad
9.	Farmers Suicides: Causes and Policy Prescriptions in Uttar Pradesh.	Allahabad
10.	Impact study on agricultural extension services to farmers by Agri-Clinics & Agri-Business Centres (ACABC) Scheme in Allahabad.	Allahabad
11.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in Bihar	Bhagalpur
12.	Evaluation and Assessment of economic losses on account of inadequate Post Harvest Infrastructure Facilities for Fisheries Sector in Tamil Nadu.	Chennai
13.	Evaluation and Assessment of economic losses on account of inadequate Post Harvest Infrastructure Facilities for Fisheries Sector in Kerala.	Chennai
14.	Impact of Emerging Marketing Channels in Agriculture: Benefit to Producer Seller and Marketing Costs and Margins of Banana and Potato Crops in Tamil Nadu	Chennai
15.	Evaluation and Assessment of economic losses on account of inadequate Post Harvest Infrastructure Facilities for Fisheries Sector in India (Consolidated)	Chennai
16.	Farmers Suicides: Causes and Policy Prescriptions in Tamil Nadu	Chennai
17.	Farmers Suicides: Causes and Policy Prescriptions in Kerala	Chennai

18.	Farmers Suicides: Causes and Policy Prescriptions in Haryana.	Delhi
19.	Economic Analysis of Cost & Return of off season vegetables with focus on green house effect in Uttarakhand.	Delhi
20.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in Madhya Pradesh	Jabalpur
21.	Farmers Suicides: Causes and Policy Prescriptions in Madhya Pradesh.	Jabalpur
22.	Farmers Suicides: Causes and Policy Prescriptions in Chhattisgarh.	Jabalpur
23.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in Assam.	Jorhat
24.	Impact of SHC on Production, Productivity and Soil Health in Assam.	Jorhat
25.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in Punjab.	Ludhiana
26.	Farmers Suicides: Causes and Policy Prescriptions in Punjab.	Ludhiana
27.	Farmers Suicides: Causes and Policy Prescriptions in Maharashtra	Pune
28.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in Maharashtra	Pune
29.	Economic Analysis of Cost & Return of off season vegetables with focus on green house effect in Himachal Pradesh.	Shimla
30.	Economic Analysis of Cost & Return of off season vegetables with focus on green house effect in Jammu and Kashmir.	Shimla
31.	Farmers Suicides: Causes and Policy Prescriptions in Gujarat.	V.V. Nagar
32.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Gujarat.	V.V. Nagar
33.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Rajasthan.	V.V. Nagar
34.	Working and Impact of Pressurized Irrigation Network System (PINS) in Rajasthan.	V.V. Nagar
35.	Working and Impact of Pressurized Irrigation Network System (PINS) in Gujarat.	V.V. Nagar,
36.	Evaluation and Assessment of economic losses on account of inadequate Post Harvest Infrastructure Facilities for Fisheries Sector in West Bengal.	Visva Bharati

37.	Farmers Suicides: Causes and Policy Prescriptions in West Bengal.	Visva Bharati
38.	A study on Productivity and Profitability in Agriculture and Horticulture in Eastern Himalayan Region.	Visva Bharati
39.	A study on indigenous rice varieties in Sundarban delta and their role in ensuring local food security in the face of climate threats.	Visva Bharati
40.	Evaluation and impact of mechanization on agri. Growth, comparative economics of labour and machinery in Agriculture in Odisha.	Vishakhapatnam
41.	Farmers Suicides: Causes and Policy Prescriptions in Andhra Pradesh.	Vishakhapatnam
42.	Farmers Suicides: Causes and Policy Prescriptions in Telangana	Vishakhapatnam
43.	Assessment of crop-wise marketable and marketed surplus of food grains and post harvest losses in A.P.	Vishakhapatnam

2017-18

1.	A decision-oriented information system for farmers- through Kisan Call Centre (KCC) and Kisan Knowledge Management System (KKMS). (Consolidated)	CMA, Ahmedabad
2.	A decision-oriented information system for farmers- through Kisan Call Centre (KCC) and Kisan Knowledge Management System (KKMS) in Gujarat.	CMA, Ahmedabad
3.	Assessment of the Impact of Neem Coated Urea on Production, Productivity and Soil Health in India.	ADRT, Bangalore
4.	Farmers Suicides: Causes and Policy Prescriptions in India(Consolidated)	ADRT, Bangalore
5.	Supply Chain of Litchi Marketing / Processing in Bihar and India (Consolidated)	IEG, Delhi
6.	Relationship between wholesale prices, retail prices, export prices(FOB), prices realized by farmers and details of contributing factors for the price difference for important commodities (Consolidated)	IEG, Delhi
7.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Eastern Uttar Pradesh.	Allahabad
8.	Impact study on agricultural extension services to farmers by Agri-Clinics & Agri-Business Centres (ACABC) Scheme (Consolidated)	Allahabad
9.	Impact of SHC on Production, Productivity and Soil Health in Bihar	Bhagalpur
10.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Bihar.	Bhagalpur

11	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Jharkhand.	Bhagalpur
12	Dynamics and Revival of Fallow lands in Jharkhand.	Bhagalpur
13	Assessment on Performance of Indigenous versus Imported Seedlings of Oil Palm in Tamil Nadu.	Chennai
14	Problem and Prospects of Production of Small Millets and their value added products.	Jabalpur
15	Impact of Soil Health Card (SHC) on Production, Productivity and Soil Health in Madhya Pradesh.	Jabalpur
16	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Chhattisgarh.	Jabalpur
17	Dynamics and Revival of Fallow lands in Madhya Pradesh.	Jabalpur
18	Impact study on agricultural extension services to farmers by Agri-Clinics & Agri-Business Centres (ACABC) Scheme in Assam.	Jorhat
19	A decision-oriented information system for farmers- through Kisan Call Centre (KCC) and Kisan Knowledge Management System (KKMS) in Assam.	Jorhat
20	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Assam.	Jorhat
21	Impact of SHC on Production, Productivity and Soil Health in Punjab	Ludhiana
22	A decision-oriented information system for farmers- through Kisan Call Centre (KCC) and Kisan Knowledge Management System (KKMS) in Punjab.	Ludhiana
23	Status and Utilization pattern of Input Subsidies in Punjab Agriculture.	Ludhiana
24	Impact study on agricultural extension services to farmers by Agri-Clinics & Agri-Business Centres (ACABC) Scheme in Maharashtra.	Pune
25	Working and Impact of Pressurized Irrigation Network System (PINS) in Maharashtra.	Pune
26	Impact of SHC on Production, Productivity and Soil Health in Maharashtra	Pune
27	Dynamics and Revival of Fallow lands in Maharashtra.	Pune
28	A decision-oriented information system for farmers- through Kisan Call Centre (KCC) and Kisan Knowledge Management System (KKMS) in Maharashtra.	Pune
29	An economic analysis of protected cultivation under MIDH in Himachal Pradesh.	Shimla
30	An economic analysis of protected cultivation under MIDH in Jammu and Kashmir.	Shimla
31	Economic Analysis of Cost and Return of off-Season Vegetables with focus on Poly House Effect (consolidated)	Shimla

32	An Economic Analysis of Protected Cultivation under MIDH in Himalayan States (consolidated)	Shimla
33	Working and Impact of Pressurized Irrigation Network System (PINS) (Consolidated)	Vallabh Vidhya Nagar
34	An Economic Analysis of Protected Cultivation under MIDH in Sikkim	Visva Bharati
35	Economic Analysis of Cost and Return of off-Season Vegetables with focus on Poly House Effect in Sikkim.	Visva Bharati
36	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in West Bengal.	Visva Bharati
37	Impact of National Food Security Mission (NFSM) on Input use, Production, Productivity and Income for Rice in Andhra Pradesh.	Waltair
38	Performance of Indigenous and Imported Seedlings of Oil Palm in Andhra Pradesh.	Waltair
39	Impact Study on Agricultural Extension Services to Farmers by Agri-Clinics & Agri-Business Centres (ACABC Scheme)- A Case Study of Telangana	Waltair
40	Adoption of recommended doses of fertilizer on soil test basis by farmers for Rice and Cotton in A.P.	Waltair
41	Working of Pressurized Irrigation Network Systems (PINS) in Telangana	Waltair

2018-19

1.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) (Consolidated)	CMA, Ahmedabad
2.	Farmers' Participation in India's Futures Markets: Exploring Direct and Indirect Benefits(Non-Coordinated)	CMA, Ahmedabad
3.	Production, Markets and Trade: Analysis of factors affecting pulse production in India	CMA, Ahmedabad
4.	Impact of National Food Security Mission (NFSM) on Input use, Production, Productivity and Income NFSM & non-NFSM districts(Consolidated)	ADRT, Bangalore
5.	Assessment on Performance of Indigenous versus Imported Seedlings of Oil Palm (Consolidated)	ADRT, Bangalore
6.	Assessment on Performance of Indigenous versus Imported Seedlings of Oil Palm in Karnataka.	ADRT, Bangalore
7.	Adoption of recommended doses of fertilizer on soil test basis by farmers(Consolidated)	ADRT, Bangalore

8.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Karnataka.	ADRT, Bangalore
9.	Food Inflation at National and State level-Trend and Determinants	IEG, Delhi
10.	Sources of growth in agriculture and its impact for employment and poverty in India. (Non-Coordinated)	IEG, Delhi
11.	Employment Scenario in Food Processing Sector with focus on women.	IEG, Delhi
12.	e-NAM: A review of performance and prospects.	IEG, Delhi
13.	Dynamics and Revival of Fallow lands (Consolidated)	IEG, Delhi
14.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Uttar Pradesh.	AERC, Allahabad
15.	An Analysis of Supply Chain of Maize Marketing and Possibility of its Value Addition in Bihar.	AERC, Bhagalpur
16.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Bihar.	AERC, Bhagalpur
17.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Madhya Pradesh	AERC, Jabalpur
18.	Impact of Trade Policy Changes on Agricultural Sector of Maharashtra with special focus on edible oils.	AERC, Pune
19.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Maharashtra.	AERC, Pune
20.	Village study of Malana of District Shimla in Himachal Pradesh.	AERC, Shimla
21.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Himachal Pradesh	AERC, Shimla
22.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in West Bengal.	AERC, Visva-Bharati,
23.	Rural Livelihood Diversification in West Bengal	AERC, Visva-Bharati,
24.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Gujarat.	AERC, V.V Nagar
25.	Solarisation of Agricultural Water Pumps in Rajasthan and Gujarat	AERC, V.V Nagar

26.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level (Consolidated)	AERC, V.V Nagar
27.	An Analysis of Supply Chain of Maize Marketing and Possibility of its Value Addition in Odisha.	AERC, Waltair
28.	Comparative economics and determinants of coffee in Odisha and Andhra Pradesh.	AERC, Waltair
29.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all central and state schemes at District Level in Odisha.	AERC, Waltair

2019-20

1.	A decision-oriented information system for farmers- through Kisan Call Centre (KCC) and Kisan Knowledge Management System (KKMS) in Karnataka.	ADRT, Bangalore
2.	Impact Evaluation of Farm Debt Waiver Scheme on Farmers' Livelihood in Uttar Pradesh.	Allahabad
3.	Strategies to Bridge Yield Gap of Major Crops in Bundelkhand Agro-Climatic Region of Uttar Pradesh.	Allahabad
4.	Assessment of Livestock Feed and Fodder in the State of Uttar Pradesh.	Allahabad
5.	Dynamics and Revival of Fallow lands in Kerala.	Chennai
6.	Problems and Prospects of procurement, value addition and marketing of coconut : The cases of Kerala and Lakshadweep.	Chennai
7.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Uttarakhand.	Delhi
8.	Performance evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Assam.	Jorhat
9.	Jhuming to Farming as an Alternative way of Livelihood among the Tribal's of Tripura.	Jorhat
10.	Impact Evaluation of Farm Debt Waiver Scheme on Farmers Livelihood in Punjab.	Ludhiana
11.	Impact Evaluation of Farm Debt Waiver Scheme on Farmers Livelihood in India.	Ludhiana

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| 12. | Impact of Hail Protection Mechanism on Apple Crop in Himachal Pradesh-A Case Study of Shimla District. | Shimla |
| 13. | Assessment of Livestock Feed and Fodder in Gujarat and Rajasthan. | VV Nagar |

List of studies completed during 2020-21

S.No.	Name of the Study	Centre/Unit
1.	Sugarcane Transportation Cost and Harvesting Cost in Uttar Pradesh	Allahabad
2.	Village survey study in Uttar Pradesh. (Khatangiya Village)	Allahabad
3.	Improving Water Use Efficiency in India's Agriculture: The Impact, Benefits and Challenges of Micro-Irrigation under the Pradhan Mantri Krishi Sinchayee Yojna: Per Drop More Crop (PMKSY-PDMC) in Uttar Pradesh	Allahabad
4.	Relevance and Distribution Efficiency of Seed Minikits in Pulses in Bihar	Bhagalpur
5.	Extent of erosion into farm profitability due to Market imperfections in Bihar	Bhagalpur
6.	Assessment of Feed and Fodder in Kerala	Chennai
7.	Village survey study in Tamilnadu (Palakurichi: A Resurvey (2019))	Chennai
8.	Assessment of Livestock Feed and Fodder in Haryana	Delhi
9.	Sugarcane Transportation and Harvesting Cost	Delhi
10.	Relevance and Distribution Efficiency of Seed Mini-Kits of Pulses in Madhya Pradesh	Jabalpur
11.	Strategies to Bridge Yield Gap of Major Crops in Bundelkhand Agro-Climatic Region in Madhya Pradesh	Jabalpur
12.	Strategies to Bridge Yield Gap of Major Crops in Bundelkhand Agro-Climatic Region (Consolidated Study)	Jabalpur
13.	Improving Water Use Efficiency in India's Agriculture: The Impact, Benefits and Challenges of Micro-Irrigation under the Pradhan Mantri Krishi Sinchayee Yojna: Per Drop More Crop (PMKSY-PDMC) in Madhya Pradesh	Jabalpur
14.	Market Imperfections and Farm Profitability in Madhya Pradesh	Jabalpur
15.	Market analysis for Bamboo Products in Assam	Jorhat
16.	The Extent of Erosion into Farm Profitability due to Market Imperfections in Punjab	Ludhiana
17.	Village Survey Study in Punjab	Ludhiana
18.	Assessment of ratio of different products/forms of Spices being marketed: Study based on Ginger and Turmeric (consolidated)	Pune
19.	Village Survey Study in Maharashtra (Gulumb Village)	Pune
20.	Seed mini-kits of pulses and other crops- its relevance and application/ distribution efficiency in Rajasthan	VV Nagar
21.	A Market Imperfections and Farm Profitability in Gujarat	VV Nagar
22.	Improving Water Use Efficiency in India's Agriculture: The Impact, Benefits and Challenges of Micro-Irrigation under the Pradhan Mantri Krishi Sichai Yojana: Per Drop More Crop (PMKSY-PDMC) in Sikkim	Visva-Bharti

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| 23. | Assessment of feed and fodder in the state of West Bengal | Visva-Bharti |
| 24. | Improving Water Use Efficiency in India's Agriculture: The Impact, Benefits and Challenges of Micro-Irrigation under the Pradhan Mantri Krishi Sinchayee Yojana: Per Drop More Crop (PMKSY-PDMC) in Telangana State | Waltair |

List of studies completed during 2021-22

as on 11.10.2021

Sl.No.	Name of the Study	Centre/Unit
1.	Understanding the performance and impact of Farmers Producers Organisation (FPOs)– Case studies across states and promoters in India	CMA, Ahmedabad
2.	The Performance and Impact of Micro Irrigation in Improving Water Use Efficiency in India's Agriculture: Study of the Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) – Per Drop More Crop (PDMC)	CMA, Ahmedabad
3.	Assessment of Livestock Feed And Fodder in All States/ UTs – An All India Study	ADRT, ISEC- Bengaluru
4.	Assessment of Livestock Feed and Fodder in Karnataka	ADRT, ISEC- Bengaluru
5.	Seed Minikits of Pulses Program Relevance and Distribution Efficiency in Karnataka	ADRT, ISEC- Bengaluru
6.	Functioning of Direct Benefit Transfer (DBT) in Fertilizer at Retail Point	ADRT, ISEC- Bengaluru
7.	Agricultural Market Imperfections and Farm Profitability	IEG Delhi
8.	Future Market for Agricultural commodities in India	IEG Delhi
9.	Requirement and availability of cold chain for fruits and vegetables in the country	IEG Delhi
10.	Continuous Village Surveys	Delhi
11.	Village Study in Assam in Madhya Pradesh (Piprodh)	Jabalpur
12.	Village Study in Assam (Nam Deuri Village)	Jorhat
13.	Relevance and Distribution Efficiency of Seed Minikits of Pulses in Maharashtra	Pune
14.	Improving Water Use Efficiency in India's Agriculture: The Benefits, Impact and Challenges of Micro Irrigation under the Pradhan Mantri Krishi Sinchayee Yojana: Per Drop More Crop (PMKSY-PDMC) in Maharashtra	Pune
15.	Village Survey Study in Gujarat (Moti Khandol Village, Kheda District)	V V Nagar
16.	Village Survey Study in Rajasthan- Naurangdeshar village, Sriganganagar/ Hanumagarh District	V V Nagar
17.	Evaluation of Zero Budget Natural Farming (ZBNF) initiatives in Andhra Pradesh	Waltair

The above mentioned Studies by Agro Economic Research Centres/Units can be accessed through the following links:

S. No.	AERC/ AERU	Hyperlink
1	Institute of Economic Growth, University Enclave, Delhi	http://iegindia.org/AERU-Studies
2	IIM-Ahmedabad	http://iimahd.ernet.in/faculty-and-research/research-centers/cma/reports
3	Institute of Social and Economic Change, Bengaluru	http://www.isec.ac.in/adrtc-projects.htm#projects-completed
4	AERC, University of Allahabad	http://www.allduniv.ac.in/index.php?option=com_k2&view=itemlist&layout=category&task=category&id=291&Itemid=1857
5	AERC, Tilka Manjhi, Bhagalpur University	http://www.aercbhagalpur.org/
6	AERC, University of Madras	http://www.unom.ac.in/index.php?route=academic/aerc
7	AERC, University of Delhi	http://www.du.ac.in/du/index.php?page=agricultural-economics-research-centre
8	AERC, Jawaharlal Nehru Krishi Vishwa Vidyalyaya, Jabalpur	http://aerc.jnkvv.org/aerc/AERC_Home.aspx
9	AERC, Assam Agriculture University, Jorhat	http://14.139.222.145/classified/agro_econ_2012_3.html
10	AERC, Ludhiana	http://www.aercpau.com/
11	AERC, Pune	http://gipe.ac.in/AERC/
12	AERC, Himachal Pradesh University, Shimla	http://aercshimla.in/
13	AERC, S.P. University, Vallabh Vidyanagar	http://spuvvn.edu/academics/academic_centres/agro_economic_centre/research_studies/
14	AERC, Waltair, Andhra Pradesh	http://www.andhrauniversity.edu.in/arts/agroeconomic/research.html
15	AERC, Visva-Bharati, Santiniketan	http://www.visva-bharati.ac.in/InstitutionsCentresSchools/Contents/AERC-DETAIL/AERC-REPORTS.htm

Chapter **6**

World Agricultural Statistics

6.1: Area, Production and Yield of Principal Crops in various Countries in 2019

Country	Area - '000 Hectares			
	Production - '000 Tonnes			
	Yield - Kg./Hectare			
	Area	Production	Yield	Production (%)
(1)	(2)	(3)	(4)	(5)
1. Paddy				
World	161772	749190	4631	100.00
China, mainland	29690	209614	7060	27.98
India	43780	177645	4058	23.71
Indonesia	10678	54604	5114	7.29
Bangladesh	11516	54586	4740	7.29
Viet Nam	7452	43495	5837	5.81
Thailand	9813	28618	2916	3.82
Myanmar	6921	26270	3796	3.51
Philippines	4651	18815	4045	2.51
Cambodia	2964	10886	3672	1.45
Japan	1470	10527	7161	1.41
2. Wheat				
World	215900	764981	3543	100.00
China, mainland	23730	133596	5630	17.46
India	29319	103596	3533	13.54
Russian Federation	27559	74453	2702	9.73
United States of America	15133	52581	3475	6.87
France	5244	40605	7743	5.31
Canada	9656	32670	3384	4.27
Ukraine	6825	28370	4157	3.71
Pakistan	8678	24349	2806	3.18
Germany	3118	23063	7396	3.01
Argentina	6051	19460	3216	2.54
3. Maize				
World	196357	1141360	5813	100.00
United States of America	32916	345962	10510	30.31
China, mainland	41280	260779	6317	22.85
Brazil	17516	101126	5773	8.86
Argentina	7233	56861	7862	4.98
Ukraine	4987	35880	7195	3.14
India	9027	27715	3070	2.43
Mexico	6690	27228	4070	2.39
Indonesia	4151	22586	5441	1.98
Romania	2682	17432	6500	1.53
Russian Federation	2506	14282	5699	1.25
4. Pulses				
World	89405	84693	947	100.00
India	30903	21542	697	25.44
Canada	3506	7187	2050	8.49
China, mainland	2707	4855	1793	5.73
Myanmar	4238	4026	950	4.75
Nigeria	4535	3613	797	4.27
Russian Federation	2078	3344	1610	3.95
Brazil	2641	2922	1107	3.45

6.1: Area, Production and Yield of Principal Crops in various Countries in 2019-Contd.

Area - '000 Hectares
Production - '000 Tonnes
Yield - Kg./Hectare

Country	Area	Production	Yield	Production (%)
(1)	(2)	(3)	(4)	(5)
Ethiopia	1509	2880	1908	3.40
United States of America	1260	2487	1974	2.94
Niger	5870	2465	420	2.91
5. Sugarcane				
World	26919	1955308	72638	100.00
Brazil	10092	753470	74657	38.53
India	5061	405416	80105	20.73
Thailand	1835	131002	71388	6.70
China, mainland	1391	109388	78655	5.59
Pakistan	1040	66380	63841	3.39
Mexico	796	59334	74542	3.03
Colombia	458	32663	71350	1.67
Australia	395	32415	81981	1.66
Indonesia	413	29100	70451	1.49
United States of America	370	28973	78398	1.48
6. Groundnut (with shell)				
World	29819	49544	1662	100.00
China, mainland	4633	17520	3781	35.36
India	4731	6727	1422	13.58
Nigeria	3878	4461	1150	9.00
Sudan	3130	2828	903	5.71
United States of America	562	2480	4409	5.00
Myanmar	1109	1616	1457	3.26
Senegal	1111	1421	1279	2.87
Argentina	387	1337	3455	2.70
Indonesia	510	1175	2304	2.37
Guinea	912	958	1050	1.93

Source: FAOSTAT (as on 04.02.2022).

6.2: India's Position in World Agriculture in 2019

Item	India	World	% Share	India's Rank	Next to
(1)	(2)	(3)	(4)	(5)	(6)
1. Area (Million Hectares)					
Total Area	328.73	13497.30	2.44	Seventh	Russian Federation, Canada, U.S.A., China, Brazil, Australia
Land Area	297.32	13030.09	2.28	Seventh	Russian Federation, China, U.S.A., Canada, Brazil, Australia
Arable Land	156.07	1383.35	11.28	Second	U.S.A.
2. Population (Million)*					
Total	1352.64	7631.09	17.73	Second	China
Rural	893.27	3413.00	26.17	First	
3. Crop Production (Million Tonnes)					
(A) : Total Cereals	324.30	2963.81	10.94	Third	China, U.S.A
Wheat	103.60	764.98	13.54	Second	China
Rice (Paddy)	177.65	749.19	23.71	Second	China
(B): Pulses	21.54	84.69	25.44	First	
(C): Oilseeds					
Groundnut (with shell)	6.73	49.54	13.58	Second	China
Rapeseed	9.26	71.84	12.88	Third	Canada, China
(D): Commercial Crops					
Sugarcane	405	1955	20.73	Second	Brazil
Tea	1.39	6.76	20.56	Second	China
Coffee (green)	0.32	10.03	3.19	Eighth	Brazil, Vietnam, Colombia, Indonesia, Ethiopia, Honduras, Peru
Jute	1.71	3.38	50.52	First	
Tobacco Unmanufactured	0.76	6.46	11.74	Third	China, Brazil
4. Fruits & Vegetables Production (Million Tonnes)					
(A): Vegetables Primary	137.40	1129.67	12.16	Second	China
(B): Fruits Primary	104.05	882.16	11.79	Second	China
(C): Potatoes	50.19	354.81	14.15	Second	China
(D): Onion (Dry)	22.82	99.52	22.93	Second	China
5. Livestock (Million Heads)					
(A): Cattle	193.46	1511.11	12.80	Second	Brazil
(B): Buffaloes	109.85	202.45	54.26	First	
(C): Camels	0.25	38.16	0.66	Nineteenth	Chad, Somalia, Sudan, Kenya, Niger, Ethiopia, Mauritania, Mali, Pakistan, U.A.E, Saudi Arabia, Mongolia, Yemen, Algeria, China, Eritrea, Nigeria, Oman
(D): Sheep	74.26	1240.31	5.99	Second	China
(E): Goats	148.88	1108.97	13.43	First	
(F): Chickens	807.89	33235.54	2.43	Seventh	U.S.A, China, Indonesia, Brazil, Pakistan, Iran
6. Dairy Products (Million Tonnes)					
(A): Milk Total	187.63	876.83	21.40	First	
(B): Eggs (Primary) Total	6.29	90.38	6.96	Third	China, U.S.A
(C): Meat, Total	8.14	335.46	2.43	Fifth	China, U.S.A, Brazil, Russian Federation

Source: FAOSTAT (as on 04.02.2022)

* Data relate to the year 2018

6.3(a): Fertiliser Consumption per Hectare of Agricultural Land in Selected Countries

Continent/Country	(Kg)							
	2018				2019			
	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Africa								
Egypt	347.8	57.8	32.6	438.2	337.3	83.2	47.5	468.0
Morocco	6.9	4.3	2.9	14.2	6.3	4.1	2.8	13.1
South Africa	4.0	2.6	1.4	7.9	4.0	2.6	1.4	7.9
America								
North America								
Canada	44.9	19.5	7.2	71.6	49.1	20.8	12.5	82.4
USA	28.6	9.3	10.6	48.5	28.9	10.0	11.2	50.2
Latin America and the Caribbean								
Brazil	18.1	21.8	25.6	65.5	18.4	22.9	25.8	67.0
Chile	13.6	8.5	6.4	28.5	13.9	8.2	6.4	28.6
Mexico	15.2	5.2	3.0	23.4	14.9	4.1	2.3	21.2
Asia								
Bangladesh	143.5	73.9	48.3	265.8	143.5	82.4	46.8	272.8
China, Main	46.2	22.8	17.7	86.7	45.7	21.2	19.2	86.0
India	98.2	38.5	14.9	151.6	106.4	42.7	14.5	163.6
	(87.3)	(34.2)	(13.3)	(134.7)	(94.5)	(37.9)	(12.9)	(145.3)
Indonesia	57.0	21.8	36.8	115.6	55.8	20.6	25.7	102.1
Japan	83.6	76.5	61.1	221.2	81.3	74.2	56.9	212.4
Rep. of Korea	185.6	82.7	188.3	456.5	185.6	78.8	204.6	469.0
Malaysia	58.0	28.0	168.0	253.9	55.7	18.5	86.9	161.1
Myanmar	28.1	10.5	6.0	44.6	27.0	12.8	10.5	50.3
Nepal	16.9	7.5	1.1	25.5	7.5	13.5	0.0	21.0
Pakistan	93.9	31.8	1.5	127.1	94.1	29.9	1.4	125.3
Sri Lanka	48.8	19.5	35.0	103.2	37.0	17.7	30.1	84.8
Thailand	54.5	19.6	28.3	102.4	61.2	19.9	22.1	103.2
Turkey	40.9	13.8	3.1	57.8	45.0	17.7	3.1	65.8
Vietnam	132.6	67.6	41.9	242.1	119.1	59.9	45.0	224.0
Europe								
Belarus	47.9	12.4	45.3	105.5	48.6	10.5	45.8	104.9
Denmark	83.6	13.3	19.3	116.1	87.6	13.6	18.8	120.1
France	75.6	15.1	16.0	106.7	74.3	14.5	15.8	104.6
Germany	80.6	12.1	24.6	117.3	82.4	14.9	25.2	122.4
Netherlands	94.4	4.8	27.7	126.9	102.9	5.7	28.6	137.2
Poland	68.5	23.7	39.1	131.3	72.0	23.8	39.1	135.0
Russian Fedn.	10.2	3.8	2.5	16.5	11.7	4.5	2.7	18.9
Spain	40.3	17.2	14.4	71.9	41.0	19.0	15.1	75.1
Ukraine	35.8	7.3	7.6	50.7	42.1	9.6	7.8	59.5
UK	59.8	10.7	15.4	85.9	55.2	9.9	14.4	79.5
Oceania								
Australia	3.4	2.5	0.8	6.7	3.7	2.6	0.8	7.0
New Zealand	43.6	34.0	15.3	92.9	44.8	32.2	14.1	91.1
World	22.2	9.6	7.8	39.6	22.6	9.8	7.8	40.2

Source : Fertiliser Statistics - 2020-21, The Fertiliser Association of India, New Delhi. Notes:

1. Data for Agricultural Land is for the year 2014.

2. Figures in parentheses indicate fertiliser consumption per hectare of Gross Cropped Area (GCA).

3. Data for GCA pertain to 2018-19

6.3(b): Fertiliser Consumption per Hectare of Arable Land and Land under Permanent Crops in Selected Countries

Continent/Country	2018				2019			
	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(Kg)								
Africa								
Egypt	347.8	57.8	32.6	438.2	337.3	83.2	47.5	468.0
Morocco	22.2	13.9	9.4	45.5	21.6	14.0	9.5	45.0
South Africa	30.7	20.1	10.6	61.4	30.8	19.8	10.8	61.4
America								
North America								
Canada	67.2	29.2	10.8	107.2	73.6	31.1	18.8	123.5
USA	72.3	23.5	26.9	122.7	73.1	25.4	28.4	126.9
Latin America and the Caribbean								
Brazil	67.5	81.2	95.5	244.1	68.6	85.3	96.1	250.0
Chile	126.7	79.3	59.9	266.0	131.6	77.8	60.8	270.2
Mexico	64.9	22.4	12.8	100.1	64.5	17.8	10.0	92.2
Asia								
Bangladesh	153.5	79.1	51.7	284.3	153.3	88.0	50.0	291.4
China, Main	180.7	89.2	69.3	339.2	178.7	82.9	75.0	336.6
India	104.2	40.8	15.8	160.8	112.8	45.3	15.4	173.5
	(87.3)	(34.2)	(13.3)	(134.7)	(94.5)	(37.9)	(12.9)	(145.3)
Indonesia	69.3	26.5	44.6	140.4	67.8	25.0	31.3	124.0
Japan	83.6	76.5	61.1	221.2	81.3	74.2	56.9	212.4
Rep. of Korea	192.1	85.6	194.9	472.6	192.2	81.6	211.8	485.6
Malaysia	60.0	28.9	173.8	262.7	57.6	19.1	89.9	166.7
Myanmar	28.8	10.7	6.1	45.6	27.6	13.1	10.8	51.5
Nepal	29.9	13.2	1.9	45.1	13.4	23.9	0.0	37.3
Pakistan	108.9	36.8	1.7	147.4	109.1	34.6	1.6	145.3
Sri Lanka	57.9	23.1	41.4	122.4	43.8	21.0	35.7	100.5
Thailand	56.6	20.3	29.4	106.2	63.5	20.6	23.0	107.1
Turkey	66.8	22.4	5.0	94.2	73.5	28.9	5.1	107.4
Vietnam	140.0	71.4	44.2	255.6	125.6	63.2	47.5	236.2
Europe								
Belarus	69.5	18.0	65.7	153.2	70.0	15.2	65.9	151.1
Denmark	90.9	14.5	21.0	126.4	95.1	14.8	20.5	130.4
France	113.3	22.7	23.9	159.9	111.4	21.8	23.7	157.0
Germany	112.5	16.9	34.3	163.7	115.2	20.8	35.2	171.2
Netherlands	162.4	8.3	47.7	218.4	178.2	9.8	49.6	237.6
Poland	87.5	30.2	50.0	167.7	91.8	30.4	49.9	172.0
Russian Fedn.	17.8	6.6	4.3	28.7	20.5	7.8	4.7	33.0
Spain	62.9	26.8	22.6	112.2	64.1	29.8	23.6	117.4
Ukraine	43.8	8.9	9.3	62.1	51.5	11.7	9.5	72.8
UK	170.6	30.6	43.9	245.1	157.7	28.4	41.1	227.2
Oceania								
Australia	39.7	29.1	9.0	77.7	42.8	29.8	9.1	81.7
New Zealand	765.7	597.5	268.3	1,631.4	758.5	545.0	238.2	1,541.8
World	67.8	29.2	23.9	120.9	69.2	29.8	23.8	122.9

Source : Fertiliser Statistics - 2020-21, The Fertiliser Association of India, New Delhi.

Notes:

1. Figures in parentheses indicate Fertiliser consumption per hectare of Gross Cropped Area (GCA).

2. Data for GCA pertain to 2018-19

6.4: Share of area under organic cultivation in selected countries

(In thousand hectare)

S.No.	Country/Year	2004	2005	2010	2014	2015	2016	2017	2018	2019
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	World	21 891.7	29 211.2	35 803.8	45 307.1	50 967.7	57714.1	69540.8	71116.6	72213.3
2	Asia	211.8	2 837.1	3 271.4	4 412.7	4 483.4	5 426.2	6 665.4	6980.7	6462.9
3	Oceania	12 077.0	11 763.0	11 785.2	18 525.4	22 838.5	27 311.2	35 815.7	35 929.5	35881.2
4	Africa	624.2	952.9	1 023.6	1 263.1	1 682.5	1 800.6	2 031.7	2 006.8	2018.5
5	Europe	5 764.2	6 567.8	9 545.1	11 208.0	12 198.3	12884.1	13785.4	14654.5	1579.9
6	Americas	3 214.4	7 090.4	10 178.5	9 897.9	9 765.0	10292.1	11242.5	11545.1	12056.9
7	Australia	12 077.0	11 716.0	11 641.7	18 340.0	22 690.0	27 145.0	35 645.0	35 687.8	35687.8
8	Argentina	2 646.0	2 682.0	4 144.0	3 016.0	3 064.0	2 844.0	3 180.0	3 617.0	3631.0
9	China		2 301.3	1 393.0	1 930.9	1 616.5	2 287.5	3 029.5	3143.8	2225.5
10	Spain	561.5	622.8	1 434.0	1 663.2	1 968.5	2 018.8	2 082.2	2 246.5	2354.9
11	Uruguay		759.0	931.0	1 307.4	1 307.4	1 657.0	1 882.2	2 147.1	2143.6
12	France	534.1	550.5	845.4	1 119.0	1 323.0	1 537.0	1 744.4	2 035.0	2241.0
13	United States of America		1 640.8	1 949.0	2 178.5	2 029.3	2 031.3	2 031.3	2 023.4	2326.6
14	Italy	954.0	1 067.0	1 114.0	1 388.0	1 493.0	1 796.0	1 909.0	1 958.0	1993.0
15	India		185.9	780.0	720.0	1 180.0	1 490.0	1 780.0	1 938.2	2299.2
16	Canada	542.0	578.9	703.7	904.0	944.5	1 099.0	1 191.7	1 311.6	1321.1
17	Germany	767.9	807.4	990.7	1 048.0	1 088.8	1 135.5	1 138.3	1 221.3	1290.8
18	Brazil		842.0	932.1	750.0	750.0	750.0	1 136.9	1 188.3	1283.1
19	Austria	460.8	479.8	543.6	525.0	552.1	571.4	620.7	639.1	671.7
20	Turkey	210.0	204.0	510.0	842.0	515.0	524.0	543.0	627.0	546.0

Source : World Food And Agriculture Statistical Yearbook 2021

6.5 (a): Calculated data for CH₄ emissions (in kilotonnes) from Rice Cultivation in Select Countries

Country/Region/Group	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
United States of America	512.03	370.67	379.46	349.71	415.44	364.73	438.66	336.26	412.18	350.14
European Union (27)	235.64	236.65	224.49	211.87	210.21	214.49	219.21	217.29	205.38	206.15
India	4524.55	4645.70	4513.11	4658.99	4656.25	4580.25	4559.14	4620.79	4661.15	4621.42
China, mainland	5246.67	5278.92	5292.98	5323.65	5323.32	5406.59	5399.92	5400.13	5302.17	5214.45
Russian Federation	56.25	58.02	53.65	52.91	54.75	55.69	57.07	51.98	50.45	53.39
Australia	5.96	23.87	32.48	35.80	24.16	21.94	8.39	25.89	19.26	2.40
Japan	341.58	334.93	335.97	337.01	334.51	330.35	326.40	323.70	322.25	320.58
Malaysia	121.29	123.01	122.48	120.17	109.96	121.94	123.23	122.66	125.24	122.45
Myanmar	1253.73	1184.19	1093.75	1088.11	1075.07	1059.41	1052.29	1087.03	1118.85	1083.10
Republic of Korea	187.34	179.30	178.33	174.85	171.26	167.86	163.53	158.49	154.91	153.26
Thailand	1908.41	1912.30	1912.32	1868.74	1705.71	1554.25	1703.33	1714.47	1702.99	1553.84
South-eastern Asia	9080.63	9102.64	9087.34	9074.21	8827.49	8619.17	8714.38	8891.52	8861.15	8441.78
OECD	1313.65	1175.87	1187.25	1142.55	1189.58	1135.15	1193.31	1096.22	1153.94	1072.76
World	24370.27	24443.73	24376.25	24572.26	24373.78	24066.02	24364.79	24633.95	24594.65	24084.55

Source:FAOSTAT

6.5 (b): Calculated data for CH₄ emissions (in kilotonnes) from Burning-Crop Residues in Select Countries

Country/Region/ Group	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
United States of America	112.60	113.82	119.09	117.50	113.49	110.99	116.45	108.88	108.51	107.34
European Union (27)	49.29	51.79	53.18	53.28	53.35	52.53	50.96	49.16	48.55	50.85
India	124.80	129.13	128.10	131.80	132.17	130.78	132.41	132.05	131.23	129.93
China, mainland	161.27	164.43	168.69	172.31	174.33	196.28	194.07	188.98	187.26	183.66
Russian Federation	26.44	31.46	28.50	31.79	33.13	35.44	37.30	37.29	35.27	36.81
Australia	15.86	15.40	15.95	14.98	14.54	14.30	13.15	14.27	12.80	12.17
Canada	12.29	12.67	14.09	15.30	13.69	13.94	13.51	13.50	14.53	14.35
Indonesia	29.44	28.50	28.68	28.42	28.23	27.94	29.56	32.71	32.96	31.88
Japan	2.70	2.66	2.67	2.67	2.66	2.63	2.60	2.58	2.57	2.56
Malaysia	1.04	1.05	1.05	1.03	0.94	1.04	1.05	1.05	1.07	1.04
Myanmar	13.32	12.72	11.89	11.92	11.86	11.71	11.68	12.02	12.40	12.05
New Zealand	0.11	0.11	0.11	0.10	0.11	0.10	0.10	0.09	0.09	0.09
Republic of Korea	1.38	1.32	1.32	1.29	1.26	1.24	1.21	1.17	1.14	1.13
Thailand	22.63	23.07	23.10	22.79	21.27	19.95	20.92	21.21	21.93	20.24
South-eastern Asia	101.75	101.48	101.85	101.42	99.37	97.29	99.60	103.83	104.70	100.73
OECD	217.38	216.64	226.36	225.97	220.50	216.93	220.25	211.72	208.71	206.37
World	956.80	985.98	1006.83	1032.04	1028.46	1042.37	1055.12	1062.07	1054.82	1053.35

Source:FAOSTAT

6.6: Water Stress(%) in selected countries (2009–2018)

S.No.	Country/Year	2000	2005	2010	2013	2014	2015	2016	2017	2018
(1)	(2)	(3)	(4)	(5)	(7)	(8)	(9)	(10)	(11)	(12)
1	India	62.7	70.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
2	Kuwait	1911.8	2380.5	2889.8	3195.3	3297.2	3399	3575	3850.5	3850.5
3	United Arab Emirates	1555.9	1866.7	1817.9	1788.6	1778.8	1769.1	1759.3	1708	1667.3
4	Saudi Arabia	819.8	894.8	914.5	894.2	894.7	948.9	906.9	883.3	1000
5	Libya	615.4	698.1	783.1	817.1	817.1	817.1	817.1	817.1	817.1
6	Qatar	282.6	374.1	409.9	431.4	434.7	431	432.4	431	431
7	Uzbekistan	153.1	141	143.1	144.3	144.7	158.1	156.4	168.9	168.9
8	Yemen	161.9	169.8	169.8	169.8	169.8	169.8	169.8	169.8	169.8
9	Turkmenistan	127.9	143.6	143.6	143.6	143.6	143.6	143.6	143.6	143.6
10	Algeria	79.3	92.5	104.9	115.2	120.6	126	129.9	137.9	137.9
11	Bahrain	248.9	196.4	173.1	159.1	154.4	137.2	133.7	133.7	133.7
12	Syrian Arab Republic	134.2	126	125.2	124.4	124.4	124.4	124.4	124.4	124.4
13	Pakistan	105.9	109.8	113.7	112.6	119.5	120.8	122.6	122.7	118.2
14	Tunisia	66	72.8	79.1	86.9	89.4	92	94.6	89.5	96
15	Sudan	-	-	-	118.7	118.7	118.7	118.7	118.7	118.7
16	Egypt	103.9	131	134.4	113.3	110.2	110.6	110.1	116.9	116.9
17	Oman	91.8	91.1	107.1	116.7	116.7	116.7	116.7	116.7	116.7
18	Israel	139.2	121.3	115.6	105.5	102.1	98.9	103.4	103.6	95.9
19	Jordan	82.6	95.9	98.9	99.8	107.4	96.2	100.1	100.1	100.1
20	Sri Lanka	91.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
21	Barbados	101.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
	World	-	-	-	-	-	16.5	16.6	17	-

Source : World Food And Agriculture Statistical Yearbook 2021

Water stress is the ratio between total freshwater withdrawn by all major sectors and total renewable freshwater resources, after taking into account environmental water requirements.

Appendices

Cost of Cultivation/Production Estimates

The Cost of Cultivation/ Production estimates used in the Publication are generated by the Cost Study Division(CS) of Directorate of Economics and Statistics through Comprehensive Scheme for studying Cost of Cultivation of Principal Crops in India. The Scheme was initiated in 1970-71 on the recommendation of a technical committee on indices of input cost appointed by Government of India. The Scheme envisages collection of representative data on inputs and outputs in physical and monetary terms on a comparable and comprehensive basis following a well-designed scientific sampling methodology which has been designed by the Expert Committees and is reviewed from time to time by the Committees set up for the purpose. Present sampling design is a three-stage stratified random sampling, with tehsils as first stage units, a cluster of villages as second stage units and an operational holding in a cluster as the ultimate stage unit. For the purpose of drawing the sample, each State is divided into different agro-climatic zones based on climate, soil type, cropping pattern, etc. The field data are collected on the Cost Accounting Method by the IAs from 8100 sample operational holdings spread over 19 states. Daily entries of debit/credit for the expenditure/income are made in order to assess the total cost/benefit incurred/accrued to each farmer covered under the scheme.

2. The scheme presently covers major 25 crops(Paddy, Wheat, Jowar, Bajra, Maize, Ragi, Barley, Moong, Urad, Arhar, Gram, Lentil, Groundnut, Rapeseed & Mustard, Nigerseed, Safflower, Soyabean, Sunflower, Sesamum, Cotton, Jute, Sugarcane, Onion, Potato and Coconut) and these crops are selected for a block period of three years. The Cost of Cultivation/ Production Estimates being generated with the data collected under the scheme are used as an important input by CACP while recommending MSP of various crops. Apart from this, the data is also used by MoSPI for preparation of National Accounts Statistics. Marketed Surplus Ratio (MSR) which is required for various policy decisions is also compiled from this data.

3. Presently, the scheme is being implemented in 19 States through 16 Universities/Colleges also known as State Implementing Agencies (IAs). Funds are released to IAs through Grant-in-Aid. The Grants-in-Aid are meant for meeting the salary, allowances and office expenses of the Implementing Agency staff working in CS scheme.

Explanatory Note

Advance Estimates

The estimates of area, production and yield rates for 2020-21 are “Advance Estimates” as on 11.08.2021 and are based on deliberations held in weekly inter-disciplinary meetings of Crop Weather Watch Group, availability of water in important reservoirs in the country area enumeration based on Remote Sensing Technology, estimates from Econometrics Modeling, availability/supply of important inputs including credit to farmers community, feedback received from states etc. These estimates are “advance” in the sense that these have been prepared in advance of availability of results of CCE (Crop Cutting Experiments) and are subject to revision as more precise information flows over times from states to DES.

Yield

Yield rate is defined as production per unit of area. However, yield rates of various crops given in this publication may not exactly tally with the ratio of production to the corresponding area because figures of area and production of various crops have been generally rounded off in ten thousands.

Principal Crops

Principal Crops as referred to in this publication include only those crops which are covered for preparation of index numbers. The details of these crops are given in Appendix III.

Estimation Procedure for Non-Availability of Data for 2020-21

The index numbers of area, production and yield rate for 2019-20 (from where growth rates have been derived) are based on advance estimates of principal crops as on 11.08.2021. However, there are a number of ‘non-forecast’ crops such as plantation crops and spices for which no advance estimates for 2020-21 (or for that matter any year) are prepared. In such cases, the estimates of area and production for the previous years are repeated for the purpose of index numbers.

Nine Oilseeds

Wherever “Nine oilseeds” is mentioned in this publication, it includes Castor seed, Groundnut, Linseed, Nigerseed, Safflower, Sesamum, Soyabean, Sunflower and Rapeseed & Mustard.

Methodology of Index Numbers of Area, Production and Yield

Base Year

The Directorate of Economics and Statistics (DES) had adopted Triennium Ending (T.E.) 1981-82 as base year for the purpose of Index Numbers of Area, Production and Yield in Agriculture until 1999-2000. In 2000-2001, it was decided to adopt T.E. 1993-94 as a way of updating the base to a recent year and keep it in harmony with the other series of indices such as Index of Industrial Production, Wholesale Price Index and the series of National Accounts Statistics. Since area and production in agriculture can fluctuate a great deal from year to year, the average of area/ production over the TE 1993-94 was taken as the base year.

It was observed that the base year 1993-94 used for construction of index numbers of Area, Production and Yield of crops has become outdated and stressed on the need for updating of the base year at regular intervals preferably in consonance with the base year revisions of other important indices.

As the period 2005-06 to 2007-08 remained normal from agriculture point of view and the price data available with CSO was for the year 2006-07 which could be used as mid period price for assessment of contribution in value terms for preparation of weighting diagram, it has been considered appropriate to take more recent base, i.e., (TE 2007-08 = 100) as the base for agricultural indices.

Weighting Diagram

The weight of a commodity for the production index is taken as the average production of the commodity in the T.E. 2007-08 and the national average price of the commodity during 2006-07 as obtained from the National Accounts Statistics. This has been done to fix the base production at its average level by eliminating the cyclical variation and to evaluate the production with the same price for all States in view of wide variations observed in the state prices.

Methodology

Let a_{ij} - the area under i^{th} crop in the j^{th} year.
 a_{io} - the area under i^{th} crop in base year period.
 p_{ij} - production of i^{th} crop in the j^{th} year.
 p_{io} - production of i^{th} crop in base year period.
 w_i - weight of i^{th} crop.

For the the year j , individual crop indices are calculated as below :

$$(a) \text{ Index number of area} = \frac{a_{ij}}{a_{io}} \times 100 = IA_{ij}$$

$$I. \quad \text{Index number of production} = \frac{P_{ij}}{P_{io}} \times 100 = IP_{ij}$$

$$(c) \text{ Index number of yield} = \frac{IP_{ij}}{IA_{ij}} \times 100$$

For any sub-group G of commodities, the indices for the year j are calculated as below:

$$a) \text{ Index number of area} = \frac{\sum_{i \in G} w_i IA_{ij}}{\sum_{i \in G} w_i}$$

$$b) \text{ Index number of production} = \frac{\sum_{i \in G} w_i IP_{ij}}{\sum_{i \in G} w_i}$$

$$c) \text{ Index number of yield} = \frac{\text{Index number of production} \times 100}{\text{Index number of area}}$$

Glossary of English, Botanical and Hindi Names of Important Crops

Crop/ Group of Crops	English	Botanical	Hindi
(1)	(2)	(3)	(4)
Cereals	Bara(Bulrush or spiked millet)	Pennisetum Typhoides	Bajra
	Barley	Hordeum vulgare	Jau
	Barnyard millet	Echinochloa frumentacea	Kutki
	Cholam(Great Millet)	Sorghum bicolor	Jowar
	Common Millet	Panicum milliaceum	Cheena
	Little Millet	Penicum milliare	Sawan
	Italian foxtail Millet	Setarisiaitalica	Kangani
	Kodo Millet	Paspalum scrobiculatum	Koden
	Maize or Indian corn	Zea mays	Makka
	Oat	Avena sativa	Jaie
	Ragi	Eleusine coracana	Mundua
	Paddy (Rice)	Oryza sativa	Dhan (Chawal)
	Wheat	Triticum acstivum	Gehun
	Black gram	Vignamungo	Urad
	Chickpea (Bengal gram)	Cicer arietinum	Chana
Pulses and Beans	Chicking vetch	Lathyrus sativus	Khesari
	Cluster Bean	Cyamopiss tetragonoloba	Guar
	Cowpea	Vigna unguiculate	Lobia
	Green Gram	Vigna radiata	Mung
	Horsegram	Dilichos biflorus	Kulthi
	Kidney bean	Vigna aconitifolia	Moth
	Lentil	Lens culmaris	Masur
	Peas	Pisum sativum vararvense	Matar
	Red gram (Pigion pea)	Cajanus cajan	Tur,Arhar
	Soyabean	Glucine max	Soyabean
	Sugarcane	Saccharum Officinarum	Ganna
Sugar Fruits	Apple	Malus sylvestris	Seb
	Apricot	Prunus armeniaca	Khoobani
	Cashewnut	Anaardium occidentale	Kaju
	Fig	Ficus carica	Anjeer
	Grape	Vitis vinifera	Angur
	Guvava	Psidium guajava	Amrood
	Jackfruit	Artocarpur heterophyllus	Katahal
	Lemon	Citrus Lemon	Nimbu
	Lime	Citrus Urantifolia	Bara Nimbu
	Litchi	Litchi chinensis	Litchi
	Mango	Magnifera indica	Aam
	Orange Mandar	Citrus reticulata	Santara, Narangi
	Papaya	Carica papaya	Papeeta
	Pear	Pyrus communis	Naspati
	Pineapple	Ananas comosus	Ananas
	Banana	Musa paradisiaca	Kela
	Pomegranate	Punica granatum	Anaar
	Sweet Orange	Citrus sincensis	Malta, Mosambi

Crop/ Group of Crops (1)	English (2)	Botanical (3)	Hindi (4)
Vegetables	Ash gourd	Benincasa hispida	Petha
	Beet	Beta vulgaris	Chukandar
	Bitter gourd	Momordica charantia	Karela
	Bottle gourd	Lagenaria siceraria	Lauki
	Brinjal	Lolanum melongena	Baingan
	Cabbage	Brassica oleracca var, Capitata	Band gobi
	Carrot	Daucus carota	Gajar
	Cauliflower	Brassica oleracca var Botrytis	Phul gobi
	Cowpea	Vigna unguiculate	Lobia
	Cucumber	Cucumis satius	Kheera
	French bean	Phaseolus vulgaris	Faras bean
	Indian flat bean or sem	Dolichos lablab	Sem
	Kaol Khol	Brassica oleracea var, Gongylodes	Ganth gobi
	Lady's finger	Abelmoschus esculentus	Bhindi
	Little gourd	Cuccinia cordifolia	Kundur
	Musk melon	Cucumis melo	Kharbooza
	Onion	Allium cepa	Piyaz
	Pointed gourd	Trichosanthes dioica	Parwal, Potal
	Potato	Solanum tuberosum	Aaloo
	Pumpkin	Curcubita moschata	Sitaphal, Lal Kaddu, Kumbhra
	Radish	Raphanus satius	Muli
	Round gourd of India	Citrullus vulgaris var, fistulosus	Tinda
	Snap melon	Cucumis melovar, momordica	Phoot
	Snake gourd	Trichosanthes anguina	Chachinda
	Tomato	Lycopersicon escen lentum	Tamatar
	Turnip	Brassica rapa	Shalgam
	Water melon	Citrullus vulgaris	Tarbooz
Drugs and Narcotics	Betal Leave	Areca catechu	Paan
	Betalnut(arecanut)	Cannabis sativa	Supari
	Indian hemp	Papaver somniferum	Bhang
	Opium	Nicotiana tabacum and	Afeem
	Tobacco	Nicotiana rustica	Tambaku
Condiments and Spices	Black pepper	Piper nigrum	Kalimirch
	Cardamom, Cardamum (lesser)	Elettaria cardamomum	Chhoti Ilaichi
	Chillies	Capsicum annuum	Lalmirch

Crop Calendar of Major Crops
Appendix-V

States/UTs	Period	Kharif Paddy	Rabi Paddy	Summer Paddy	Kharif Bajra	Rabi Bajra	Summer Bajra	Rabi Wheat
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	Sowing	May-June	Nov-Dec	March-April	Jun-Jul	Nov (M)-Dec (M)	Jan	
	Harvesting	Nov-Dec	Mar-April	July-Aug.	Sept-Oct	Feb-March	April	
Assam	Sowing	Feb-March	June-July	Nov-Dec				Nov(B)-Dec(M)
	Harvesting	June-July	Nov-Dec	May-June				Mar(E)-Apr(E)
Bihar	Sowing	Jun-Aug.	Oct-Nov	Feb.-March				Nov(B)-Dec(E)
	Harvesting	Sep-Nov	April-May	July-Aug.				Mar(E)-Apr(E)
Goa	Sowing	May-June						
	Harvesting	Sept-Oct.						
Gujarat	Sowing	June-July			Jun(M)-Jul(M)	Oct (E)-Oct (M)	Feb(M)-Mar(E)	Nov(B)-Dec(B)
	Harvesting	Oct-Nov			Sep(M)-Oct(M)	Feb (E)-Feb (M)	May(M)-June(E)	Feb(E)-Mar(E)
Haryana	Sowing	June-July			Jul(E)-Jul(M)			Oct(E)-Jan(M)
	Harvesting	Sept-Oct.			Sep(E)-Sep(L)			Apr(B)-May(B)
Himachal Pradesh	Sowing	May-June						Oct(B)-Dec(E)
	Harvesting	October						Apr(M)-Jun(E)
Jammu & Kashmir	Sowing	April-May						Oct(B)-Dec(E)
	Harvesting	Sept-Oct.						Apr(E)-Jun(E)
Karnataka	Sowing	May-June	Sept-Oct.	Jan.-Feb.	June(L)-July(M)		Jan(E)-Jan (M)	Oct(M)-Nov(E)
	Harvesting	Sept-Oct.	Jan.-Feb	May-June	Sep(L)-Oct(M)		Apr(L)-May(E)	Feb(B)-Mar(E)
Kerala	Sowing	April-May	Sept-Oct.	Dec-Jan.				
	Harvesting	Sept-Oct.	Dec-Jan.	March-April				
	Sowing	June-July			Jul(E)-Jul(L)		Feb(L)-Mar(E)	Nov(B)-Dec(E)
Madhya Pradesh	Harvesting	Oct-Nov			Oct(E)-Oct(L)		Jun(E)-June(M)	Feb(E)-Apr(M)
Maharashtra	Sowing	June-July			Jun(L)-Jul(E)		Jan(L)-Feb (E)	Nov(M)-Dec(E)
	Harvesting	Oct-Nov			Sep(L)-Oct(E)		May(E)-May(M)	Feb(B)-Mar(E)

Crop Calendar of Major Crops- Contd.

States/UTs	Period	Kharif Paddy	Rabi Paddy	Summer Paddy	Kharif Bajra	Rabi Bajra	Summer Bajra	Rabi Wheat
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Odisha	Sowing	May-June	June-July	Dec-Jan.				Nov-Dec.
	Harvesting	Sept-Oct.	Nov-Dec	April-May				Mar-Apr
Punjab	Sowing	May-July			Jul(M)-Aug (E)			Oct(E)-Jan(M)
	Harvesting	Oct-Nov			Oct(M)-Oct(L)			Apr(M)-May(B)
Rajasthan	Sowing	June-July			Jun(L)-Jul(M)		Feb(M)-Mar(E)	Oct(E)-Dec(E)
	Harvesting	Oct-Nov			Sep(L)-Oct(M)		May(L)-June(M)	Mar(B)-April(E)
Tamil nadu	Sowing	May-June	Sept-Oct.	Jan.-Feb.	Jun(M)-Jul(M)	Sep (M)- Oct (M)	Feb (M)-Mar (M)	
	Harvesting	Sept-Oct.	Jan.-Feb	May-June	Sep(M)-Oct(M)	Dec (M)- Jan (M)	May (M)-June (M)	
Telangana	Sowing	June-July	Nov-Dec		March-April			
	Harvesting	Nov-Dec	Mar-April		July-Aug			
Uttar Pradesh	Sowing	June-July	Nov-Dec		Jul(E)-Jul(M)		Mar (E)-Mar (M)	Oct(E)-Jan(E)
	Harvesting	Oct-Nov	April-May		Oct(E)-Oct(M)		May (L)-June (E)	Mar(M)-Apr(E)
West Bengal	Sowing	April-July		Nov-Dec				Nov(B)-Dec(E)
	Harvesting	Aug-Nov		April-May				Mar(B)-Apr(B)
All India	Sowing	May-Aug	Dec-Jan.		Jun-Jul		Jan-Feb	Oct-Dec
	Harvesting	Sep-Jan	April-May		Sep-Nov		Apr-May	Feb-Jun

States/UTs	Period	Kharif Mungbean/ Urdbean	Rabi Mungbean/ Urdbean	Spring/Summer Mungbean/ Urdbean	Horsegram Kharif	Chickpea Rabi
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	Sowing	Jun(M) –Jul(E)	Oct(B)-Nov(B)	Jan(B).-Feb(B)		Nov(B)-Nov(E)
	Harvesting	Sept(M) –Oct(M)	Jan(B)-Feb(B)	Mar(B)-April(M)		Feb(M)-Mar(B)
Assam	Sowing	July(B) – Aug(E)	Aug(B)-Sep(M).	Feb(E)-Mar(M)		Oct (M) – Nov (M)
	Harvesting	Sep(M)-Oct(E)	Nov(B) –Dec(M)	May(B)-May(M)		March (B)-March (E)
Bihar	Sowing	July(B) – Aug(E)		Feb(E)-April(B)	Aug (M)-Aug(E)	Oct (M) – Nov (M)
	Harvesting	Sep(M)-Oct(E)		May(B)-June(M)	Oct(E)-Nov(B)	March (B)-March (E)
Chhattisgarh	Sowing	Jun-Jul				Oct (B) – Oct (E)
	Harvesting	Sep-Sep				Feb (E) – March (E)
Gujarat	Sowing	July(B) – Aug(E)				Oct (B) – Nov (M)
	Harvesting	Sep(M)-Oct(E)				Feb (M) – March (E)
Haryana	Sowing	July(B) – Aug(E)		Feb(E)-April(B)		Oct (M) – Nov (E)
	Harvesting	Sep(M)-Oct(E)		May(B)-June(M)		March (M) – April (B)
Jharkhand	Sowing	Jul(B)-Aug(E)		Feb(E)-April(B)		Oct(M) – Nov(M)
	Harvesting	Sep(M)-Oct(E)		May(B)-June(M)		Mar (M) – Apr (M)
Karnataka	Sowing	Jun(M) –Jul(E)	Oct(B)-Nov(B)	Jan(B).-Feb(B)	Aug (E)	Oct (B) – Nov (E)
	Harvesting	Sept(M) –Oct(M)	Jan(B)-Feb(B)	Mar(B)-April(M)	Oct(M)-Nov(B)	Jan (M) – Feb (E)
Kerala	Sowing	Jun(M) –Jul(E)		Jan(B).-Feb(B)		
	Harvesting	Sept(M) –Oct(M)		Mar(B)-April(M)		
Madhya Pradesh	Sowing	Jun(M) –Jul(E)			August (E)	Oct (B) – Nov (B) Feb
	Harvesting	Sept(M) –Oct(M)			Oct (E)	(M) – March (E) Sept
Maharashtra	Sowing	Jun(M) –Jul(E)			Jul(M)	(E) – Oct. (E)
	Harvesting	Sept(M) –Oct(M)			Oct(M)	Feb (M) – March (E)
Odisha	Sowing	Jun(M) –Jul(E)	Oct(B)-Nov(B)	Jan(B).-Feb(B)		
	Harvesting	Sept(M) –Oct(M)	Jan(B)-Feb(B)	Mar(B)-April(M)		
Punjab	Sowing	July(B) – Aug(E)		Feb(E)-Mar(M)		Oct. (M) – Nov. (E)
	Harvesting	Sep(M)-Oct(E)		May(B)-May(M)		March (M) - April (E)
Rajasthan	Sowing	July(B) – Aug(E)			Jul (M)	Oct. (M) – Nov. (E)
	Harvesting	Sep(M)-Oct(E)			Oct (M)	March (M) - April (E)
Tripura	Sowing	July(B) – Aug(E)		Feb(E)-April(B)		
	Harvesting	Sep(M)-Oct(E)		May(B)-June(M)		
Tamil Nadu	Sowing	Jun(M) –Jul(E)	Oct(B)-Nov(B)	Feb(E)-April(B)	Oct(E)	
	Harvesting	Sept(M) –Oct(M)	Jan(B)-Feb(B)	May(B)-June(M)	Feb(B)	
Uttar Pradesh	Sowing	July(B) – Aug(E)		Feb(E)-April(B)		Oct. (M) – Nov. (E)
	Harvesting	Sep(M)-Oct(E)		May(B)-June(M)		March (M) - April (E)
West Bengal	Sowing	July(B) – Aug(E)		Feb(E)-April(B)		Oct. (M) – Nov. (E)
	Harvesting	Sep(M)-Oct(E)		May(B)-June(M)		March (B)- March (E)
Himachal Pradesh	Sowing	July(B) – Aug(E)	-		Jun(M)-Jul(E)	
	Harvesting	Sep(M)-Oct(E)			Sep(E)-Oct(M)	
Manipur	Sowing					Sept– Oct
	Harvesting					Mar - Apr
Meghalaya	Sowing					Sep(B)-Oct(E)
	Harvesting					Dec(B)-Jan(E)

State	Period	Kharif-Soybean	Niger(Kharif)	Niger(Late Kharif)
(1)	(2)	(3)	(4)	(5)
Madhya Pradesh	Sowing	June(M)- July(M)	June(M) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(B)	Oct(L)- Nov(L)	Nov(B)-Dec(B)
Maharashtra	Sowing	June(M)- July(M)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(B)	Oct(M)- Dec(E)	Nov(B)-Dec(B)
Rajasthan	Sowing	June(E)- July(M)		
	Harvesting	Sept(E)- Oct(B)		
Karnataka	Sowing	June(M) – July(B)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(B)	Oct(M)- Nov(M)	Nov(B)-Dec(B)
Andhra Pradesh	Sowing	June(M)- July(M)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(B)	Oct(L)- Nov(L)	Nov(B)-Dec(B)
Chhattisgarh	Sowing	June(M)- July(M)	June(M) – July(E)	
	Harvesting	Sept(E)- Oct(B)	Oct(L)- Nov(L)	
Uttar Pradesh	Sowing	June(E)- July(M)		
	Harvesting	Sept(E)- Oct(B)		
Manipur	Sowing	June- July		
	Harvesting	Sept(E)- Oct(B)		
Meghalaya	Sowing	June - July		
	Harvesting	Sept(E)- Oct(B)		
West Bengal	Sowing	June(M)- July(M)		
	Harvesting	Sept(E)- Oct(B)		
Odisha	Sowing	June(M)- July(M)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(M)	Oct(L)- Nov(L)	Nov(B)-Dec(B)
Bihar/ Jharkhand	Sowing	June(M)- July(M)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(M)	Oct(L)- Dec(M)	Nov(B)-Dec(B)
Gujarat	Sowing	June(M)- July(M)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(M)	Oct(M)- Nov(L)	Nov(B)-Dec(B)

States/UTs	Period	Rabi Gram	Rabi Lentil	Rabi Pea
(1)	(2)	(3)	(4)	(5)
Andhra Pradesh	Sowing	Oct (M)-Nov (E)		
	Harvesting	Feb (M)-Mar (B)		
Assam	Sowing	Oct(M)- Nov(M)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
	Harvesting	Mar(B)-Mar (E)	Mar(M)-Apr(M)	Mar(M)-April(M)
		Oct(M)- Nov(M)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
Bihar	Sowing			
	Harvesting	Mar(B)-Mar (E)	Mar(M)-Apr(M)	Mar(M)-April(M)
Chhattisgarh	Sowing	Oct(M)- Nov(M)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
	Harvesting	Feb(E)-Mar (M)	Mar(M)-Apr(M)	Mar(M)-Apr(M)
Goa	Sowing		Dec(B)-Jan(E)	
	Harvesting		Mar(B)-May(E)	
Jharkhand	Sowing	Oct(M)- Nov(M)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
	Harvesting	Mar(B)-Mar(M)	Mar(M)-Apr(M)	Mar(M)-Apr(M)
Rajasthan	Sowing	Oct(M)- Nov(E)	Oct(E) – Nov(M)	Oct(E) – Nov(M)
	Harvesting	Mar(M)-Apr (E)	Mar(B)-Apr(M)	Mar(B)-Apr(M)
Tripura	Sowing		Oct(E) – Nov(B)	Oct(E) – Nov(M)
	Harvesting		Mar(B)-Apr(M)	Mar(B)-Apr(M)
Gujarat	Sowing	Oct(B)-Nov(M)	Oct(M) – Nov(M)	Oct(M) – Nov(M)
	Harvesting	Feb(M)-Mar(M)	Mar(M)-Apr(M)	Mar(M)-Apr(M)
			Oct(M) – Nov(M)	Oct(M) – Nov(M)
Haryana	Sowing	Oct(M)-Nov (E)		
	Harvesting	Mar(M)-Apr(B)	Mar(M)-Apr(M)	Mar(M)-Apr(M)
Karnataka	Sowing	Oct(B)-Nov(E)		
	Harvesting Madhya	Jan(M)-Feb(E)		
Pradesh	Sowing	Oct(B)-Nov(M)	Oct(E) – Nov(M)	Oct(E) – Nov(M)
	Harvesting	Feb(M)-Mar (M)	Mar(B)-Apr(M)	Mar(B)-Apr(M)
Maharashtra	Sowing	Oct(M)-Nov(B)		
	Harvesting Manipur	Feb(M)-Mar(E)		
Sowing		Sept-Oct		
Meghalaya	Harvesting	Mar-Apr		
	Sowing	Sep(B)-Oct(E)	Sep(B)-Oct(E)	
	Harvesting Punjab	Dec(B)-Jan(E)	Feb(B)-Mar (M)	
Sowing		Oct(M)-Nov (E)	Oct(M) – Nov(M)	
			Mar(M)-Apr(M)	Oct(M) – Nov(M)
	Harvesting Uttar	Mar(M)-Apr(E)	Oct(M) – Nov(M)	Mar(M)-Apr(M)
Pradesh	Sowing	Oct(M)-Nov(E)	Mar(M)-Apr(M)	Oct(M) – Nov(M)
			Oct(M) – Nov(M)	Mar(M)-Apr(M)
	Harvesting	Mar(M)-Apr(E)		Oct(M) – Nov(M)
West Bengal	Sowing	Oct(M)-Nov(E)		Mar(M)-Apr(M)
	Harvesting	Mar(B)-Mar(E)	Mar(M)-Apr(M)	

States	Period	Groundnut		
		Kharif	Rabi	Summer/ Spring
(1)	(2)	(3)	(4)	(5)
Andhra Pradesh	Sowing	June(B)-Aug(B)	Nov(M)-Dec(M)	
	Harvesting	Oct(B)-Nov(E)	March(E)-April(E)	
Assam	Sowing	July(B)-Aug(E)	July(B)-Aug(E)	
	Harvesting	Nov(B)-Dec(E)	Nov(B)-Dec(E)	
Bihar	Sowing		Oct(M)-Nov(M)	
	Harvesting		Mar(B)-Mar(E)	
Chhattisgarh	Sowing	June(M)-July(M)		
	Harvesting	Sep(M)-Nov(B)		
Gujarat	Sowing	June(B)-July(E)		Jan(E)-Feb(E)
	Harvesting	Sep(B)-Nov(E)		April(E)-May(E)
Haryana	Sowing			
	Harvesting			
Jammu & Kashmir	Sowing			
	Harvesting			
Jharkhand	Sowing	June(M)-July(M)		
	Harvesting	Oct(B)-Nov(E)		
Karnataka	Sowing	June(B)-July(E)	Nov(M)-Dec(M)	Dec(B)-Jan(E)
	Harvesting	Oct(B)-Nov(E)	Feb(M)-Mar(M)	March(M)-April(M)
Madhya Pradesh	Sowing	June(M)-July(E)		
	Harvesting	Oct(B)-Nov-(M)		
Maharashtra	Sowing	June(E)-July(E)		Jan(M)-Feb(E)
	Harvesting	Oct(B)-Nov(B)		April(E)-May(E)
Odisha	Sowing	June(M)-July(E)	Nov(B)-Nov(E)	Jan(B)-Jan(E)
	Harvesting	Oct(M)-Nov(M)	Mar(B)-Mar(E)	May(B)-May(E)
Punjab	Sowing	May(B)-June(E)		Mar(B)-Mar(E)
	Harvesting	Oct(B)-Nov(E)		
Manipur	Sowing	May(B)-June(E)		June(M)-June(E)
	Harvesting	Oct(B)-Nov(E)		
Rajasthan	Sowing	June(B)-July(E)		Jan(E)-Feb(E)
	Harvesting	Oct(B)-Nov(E)		June(B)-June(E)
Tamil Nadu	Sowing	June(B)-July(E)	Nov(E)-Jan(M)	April(M)-May(M)
	Harvesting	Sep(B)-Oct(B)	Mar(B)-April(M)	Aug(B)-Aug(E)
Uttar Pradesh	Sowing	Feb(M)-March(E)		
	Harvesting	June(B)-June(E)		
West Bengal	Sowing	June(M)-July(M)	Dec(M)-Jan(M)	Jan(M)-March(B)
	Harvesting	Oct(M)-Oct(E)	May(B)-May(E)	June(M)-June(E)
Puducherry	Sowing	June(B)-July(E)	Dec(B)-Jan(E)	
	Harvesting	Sep(B)-Oct(M)	Mar(E)-Apr(E)	
All India	Sowing	Jun-Jul	Nov-Jan	Jan-Feb
	Harvesting	Oct-Nov	Feb-May	Apr-May

States	Period	Rabi Linseed
(1)	(2)	(3)
Assam	Sowing	Oct (B) - Nov (B)
	Harvesting	Mar (B) – Apr (B)
Andhra Pradesh	Sowing	Oct (B)- Oct (E)
	Harvesting	Feb (E)-Mar (E)
Bihar	Sowing	Nov (B)-Nov. (E)
	Harvesting	Mar (M)- Apr (E)
Madhya Pradesh	Sowing	Nov (B)-Dec.(B) Apr
	Harvesting	(B)-Apr (E) Nov (B)-
Chhattisgarh	Sowing	Dec (B) Mar (B)-
	Harvesting	Mar (E) Oct (E)-Nov
Maharashtra	Sowing	(M) Mar (E)-Apr (B)
	Harvesting	Oct (M) - Nov (M)
Uttar Pradesh	Sowing	Apr (B) – Apr (E)
	Harvesting	Oct (B)-Oct (E) Mar
Odisha	Sowing	(B)-Mar (E) Oct (B)
	Harvesting	- Nov (B) Mar (B) –
Jharkhand	Sowing	Apr (E) Oct (B)-Nov
	Harvesting	(B)
Karnatka	Sowing	
	Harvesting	Feb (B)-Mar (B)
Nagaland	Sowing	Oct (B)- Nov (B)
	Harvesting	Apr (E)-May (B)
West Bengal	Sowing	Oct (B) - Nov (B)
	Harvesting	Mar (B) – Apr (M)
Rajasthan	Sowing	Oct (B)-Nov (B)
	Harvesting	Apr (E)-May (E)
Himachal Pradesh	Sowing	Oct (B)- Nov (B)
	Harvesting	Apr (E) –May (M)
Jammu & Kashmir	Sowing	Oct (B)- Nov (B)
	Harvesting	Apr (E) – May (M)
Punjab	Sowing	Oct (M) –Nov (M)
	Harvesting	Apr (E)-May (M)

States	Period	Sesame			
		Kharif	Pre Rabi	Rabi	Summer
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	Sowing		Aug(B)- Sept(M)		Jan(M)- Feb(E)
	Harvesting	June (M)-July (M) Oct(M)- Nov(M)	Dec(E)- Jan(M)		Apr(M)-May(E)
Karnataka	Sowing	June (M)-July (M)			
	Harvesting	Oct(M)- Nov(M)			
Kerala	Sowing	June (M)-July (M)			Jan(M)-Feb(E)
	Harvesting	Oct(M)- Nov(M)			Apr(M)-May(E)
Madhya Pradesh	Sowing	June (M)-July (M)	Aug(B)- Sept(M)		
	Harvesting	Oct(M)- Nov(M)	Dec(E)- Jan(M)		
Maharashtra	Sowing	June (M)-July (M)	Aug(B)- Sept(M)		Jan(M)- Feb(E)
	Harvesting	Oct(M)- Nov(M)	Dec(E)- Jan(M)		Apr(M)-May(E)
Odisha	Sowing	June(B)-July(E)		Oct(B)-Nov(M)	Jan(M)- Feb(E)
	Harvesting	Oct(M)- Nov(M)		Feb(M)- Mar(E)	May(M)-June(M)
Rajasthan	Sowing	June(B)-July(E)			
	Harvesting	Oct(M)- Nov(M)			
Uttar Pradesh	Sowing	June(B)-July(E)			Feb.- March
	Harvesting	Oct(M)- Nov(M)			May(M)-Jun(M)
West Bengal	Sowing				Feb(M)-Mar(M)
	Harvesting				May(M)-June(M)
Gujarat	Sowing	June (M)-July (M)			Feb.- March
	Harvesting	Oct- Nov			May -June
Tamil Nadu	Sowing	June-July	Aug(B)- Sept(M)	Oct(B)-Nov(M)	Jan.- Feb
	Harvesting	Oct- Nov	Dec(E)- Jan(M)	Feb(M)- Mar(E)	May(M)-June(M)
Telangana	Sowing	June (M)-July (M)			
	Harvesting	Oct (L)- Nov (E)		Feb (L)- Mar (M)	Apr (E)-May (E)
All India	Sowing	Jun-July	Aug(B)- Sept(M)	Oct(B)-Nov(M)	Jan.- March
	Harvesting	Sep-Nov	Dec(E)- Jan(M)	Feb(M)- Mar(E)	May -June

States	Period	Sunflower			Castor	Safflower
		Kharif	Rabi	Summer/ Spring	Kharif	Rabi
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	Sowing	Jun(B)-Aug(E)	Oct		Jun-Jul	October
Assam	Harvesting	Sep - Nov	Jan		Dec-Jan	Feb
	Sowing					
Bihar	Harvesting					
	Sowing		Dec-Jan			
Chhattisgarh	Harvesting		Apr-May			
	Sowing				Jul	
Gujarat	Harvesting				Feb	
	Sowing				Jul-Aug	
Haryana	Harvesting				Feb- March	
	Sowing			Feb-Mar	Jul-Aug	
Jammu & Kashmir	Harvesting			May	Jan-Feb	
	Sowing					
Jharkhand	Harvesting					
	Sowing					
Karnataka	Harvesting					
	Sowing	Jun(B)-Aug(E)	Oct	Dec-Jan	Jul-Aug	October
Madhya Pradesh	Harvesting	Sep - Nov	Jan	Mar-Apr	Nov-Dec	Feb
	Sowing					
Maharashtra	Harvesting					
	Sowing	Jul(B)-Aug(E)	Oct		Jun-Jul	Sep-Oct
Odisha	Harvesting	Oct - Nov	Jan		Dec-Jan	Jan-Feb
	Sowing			Feb	Jun-Jul	
Punjab	Harvesting			Apr-May	Dec-Jan	
	Sowing			Feb		
Rajasthan	Harvesting			Apr-May		
	Sowing				Jul-Aug	
Tamil Nadu	Harvesting				Jan-Feb	
	Sowing	Jun(B)-Aug(E)	Oct		Jul-Aug	
Telangana	Harvesting	Sep - Nov	Jan		Dec-Jan	
	Sowing	Jun(B)-Aug(E)			Jun-Jul	October
Uttar Pradesh	Harvesting	Sep - Nov			Dec-Jan	Feb
	Sowing					
West Bengal	Harvesting					
	Sowing			Feb		
All India	Harvesting			Apr-May		
	Sowing	Jun-Aug	Oct	Feb	Jul-Aug	October
	Harvesting	Sep-Nov	Jan	Apr-May	Jan-Feb	Feb

State	Rapeseed-Mustard	Sowing Time	Harvesting Time
(1)	(2)	(3)	(4)
Andhra Pradesh	Mustard/ Banarasi rai	Nov (L)- Dec (E)	Feb-March
Assam	Toria/Mustard	Oct (M) - Dec (E)	Feb-March
Bihar	Mustard	Oct (E) - Oct (M)	Feb-March
	Toria	Sep (M)- Oct(L)	Jan-Feb
	Yellow Sarson	Oct (E)-Oct (M)	Feb-March
Chhattisgarh	Mustard	Oct (E)- Nov(M)	March
	Toria	Sept (E)-Sept (M)	Dec-Jan
Delhi	Mustard	Oct (L)- Nov(M)	Feb-March
	Toria	Sep (L)	Jan
	Taramira	Nov(E)	March
Gujarat	Mustard	Oct (M)- Oct (L)	Feb-March
	Yellow Sarson	Oct (M)- Oct (L)	Feb
Haryana	Mustard	Oct (E) - Nov (E)	Feb-March
	Toria	Sep (E)	Dec-Jan
	Taramira	Nov(E)	March
Himachal Pradesh	Mustard	Oct (L)- Nov (L)	March-April
	Toria	Sep (E)-Sep (M)	Dec-Jan
	Brown Sarson	Oct (M) -Oct-(L)	April
	Gobhi Sarson	Oct (M) - Nov (M)	April
Jammu & Kashmir	Mustard	Oct(M)- Nov (E)	March-April
	Brown sarson	Oct (M)-Oct (L)	April-May
Jharkhand	Mustard	Oct (L)- Nov (L)	Feb-March
	Toria	Sept (M)- Oct (E)	Jan-Feb
	Yellow Sarson	Oct (E)	Feb
Karnataka	Mustard	Oct (E)-Oct (L)	Feb
Madhya Pradesh	Mustard	Oct(E)-Oct (L)	Feb-March
	Toria	Sep (E)-Sept (M)	Dec-Jan
Manipur	Mustard	Nov (E)-(Nov (L)	March
	Toria	Oct (E)	Feb-March
Maharashtra	Mustard	Oct (M)- Nov (M)	Feb-March
Odisha	Mustard	Oct (M)- Nov (M)	Feb-March
	Toria	Oct (E) -Oct-(M)	Feb
	Yellow Sarson	Oct (M)-Nov (M)	Feb
Punjab	Mustard	Oct (M)- Nov (E)	March- April
	Toria	Sep (E)-Sept (M)	Dec-Jan
	Taramira	Oct (E)-Oct(L)	March
	Gobhi Sarson	Oct (M)- Nov (M)	March-April
	Karan rai	Oct (M)- Nov (L)	March-April
Rajasthan	Mustard	Sep (L) - Oct (L)	Feb-March
	Taramira	Sep (L)- Oct (L)	March
Uttarakhand	Mustard/ Karan rai	Oct (L)- Nov (L)	March
	Toria	Sep (L)	Dec-Jan
	Yellow Sarson	Oct (E)	March
Uttar Pradesh	Mustard	Oct (E)-Oct (L)	Feb-March
	Toria	Sep (E)-Sept (M)	Dec-Jan
	Yellow Sarson	Oct (E)-Oct(L)	Feb-March
West Bengal	Mustard	Oct (M)-Nov(L)	Feb-March
	Toria	Sep (L)- Nov (M)	Feb
	Yellow Sarson	Oct (M)- Nov (M)	Feb-March

States/UTs	Period	Kharif Cotton	Kharif Maize	Rabi Maize	Spring Maize
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	Sowing	Jun(E)-Jul(E)	Jun(M)-Jul(M)	Oct(E)-Jan(M)	
	Harvesting	Dec(B)-Dec (E)	Sep(M)-Oct(E)	Feb(E)-May(B)	
Bihar	Sowing	July(B)	Jun(M)-Jul(B)	Nov(B)-Dec(E)	Feb(B)-Feb(E)
	Harvesting	Oct(M)-Nov(M)	Oct(M)-Nov(M)	Feb(B)-Mar(B)	May(B)-May(E)
Gujarat	Sowing	May(E)-June(E)	Jun(E)-Jul(B)	Oct(M)-Nov(E)	
	Harvesting	Oct(B)-Nov(E)	Sep(B)-Nov(B)	Feb(M)-Mar(E)	
Haryana	Sowing	Apr(M)-May(M)	Jul(B)-Jul(M)		Feb(B)-Mar (E)
	Harvesting	Oct(M)-Nov(M)	Oct(M)-Oct(E)		May(B)-June (E)
Himachal Pradesh	Sowing		May(M)-Jun(E)		
	Harvesting		Sep(M)-Oct(M)		
Jammu	Sowing		Jun(E)-Jul(E)		
	Harvesting		Oct(M)-Nov(B)		
Kashmir	Sowing		May(B)-May(E)		
	Harvesting		Oct(B)-Oct(E)		
Karnataka	Sowing		May(M)-Jun(E)	Oct(B)-Oct(E)	
	Harvesting		Sep(B)-Oct(E)	Feb(B)-Mar(E)	
Kerala	Sowing	May(B)-June(E)	Jun(M)-Jul(M)		
	Harvesting	Oct (B)-Nov.(E)	Sep(M)-Oct(E)		
Madhya Pradesh	Sowing	Jun-Jul	Jun(M)-Jul(E)	Oct(M)-Dec(M)	
	Harvesting	Oct.-Nov.	Sept(M)-Nov(E)	March(E)-May(E)	
Maharashtra	Sowing	June (M)-June (E)	Jul(B)-Aug(E)	Oct(M)-Dec(M)	
	Harvesting	Nov-Dec	Oct(B)-Nov(E)	March(E)-May(E)	
Odisha	Sowing	Jun-July	Jun-Jul		
	Harvesting	Nov-Dec	Sep-Oct		
Punjab	Sowing	Apr(M)-May(M)	May(B)-Jun(E)		Feb(B)-Mar (E)
	Harvesting	Oct(B)-Nov(E)	Sep(B)-Oct(E)		Apr(B)-May(E)
Rajasthan	Sowing	Apr(B)-May(M)	Jun(E)-Jul(M)	Oct(M)-Dec(M)	
	Harvesting	Nov(B)-Dec(E)	Oct(B)-Nov(E)	March(E)-May(E)	
Uttar Pradesh	Sowing	Apr(B)-Jun(E)	Jun(M)-Jul(M)	Oct(M)-Nov(M)	Feb(B)-Mar(E)
	Harvesting	Sep(B)-Nov(E)	Sep(M)-Oct(M)	March(E)-May(E)	May(B)-May(E)
West Bengal	Sowing	Oct(B)-Nov(E)	May(E)-Jun(E)	Nov(B)-Nov(E)	Feb(B)-Feb(E)
	Harvesting	June(B)-Aug(E)	Sep(M)-Oct(M)	Mar(B)-Mar(E)	May(B)-May(E)
Tamil Nadu	Sowing	Aug-Sept	Jun(E)-Jul(M)	Sep(E)-Oct(E)	Jan(E) - Feb (E)
	Harvesting	Feb(B)-April(E)	Oct(M)-Oct(E)	Jan(B)-Jan(E)	May (B) - May (E)
Telengana	Sowing	Jun(E)-Jul(E)	Jun(M)-Jul(M)	Oct(E)-Jan(M)	
	Harvesting	Dec(B)-Dec (E)	Sep(M)-Oct(E)	Feb(E)-May(B)	
All India	Sowing	Apr-Jul	May-Aug	Sep-Jan	Jan(E) - Mar (E)
	Harvesting	Sep-Dec	Sep-Nov	Jan-May	May (B) - May (E)

States/UTs	Period	Sugarcane		Jute Kharif
		Kharif	Rabi	
(1)	(2)	(3)	(4)	(5)
Andhra Pradesh	Sowing		Dec(E)-Jun(M)	
	Harvesting		Dec(E)-May(M)	
Assam	Sowing		Mar(B)-Apr(E)	
	Harvesting		Dec(B)-Jan(E)	
Bihar	Sowing	Oct(B)-Nov(E)	Feb(B)-Mar(E)	
	Harvesting	Oct(B)-Dec(E)	Nov(B)-Feb(E)	
Haryana	Sowing		Feb(M)-Mar(M)	
	Harvesting		Dec(M)-March(E)	
Karnataka	Sowing		Dec(B)-Mar(E)*	
	Harvesting		Aug(B)-May(E)	
Kerala	Sowing		Dec(B)-Jan(E)***	Jun(B)-Oct(E)
	Harvesting		Dec(B)-Jan(E)	Oct(B)-Jan(E)
Madhya Pradesh	Sowing	Oct(B)-Apr(E)		
	Harvesting	Oct(E)-Mar(E)		
Maharashtra	Sowing	Jul(B)-Aug(E)		
	Harvesting	Oct(B)-Nov(E)		
Manipur	Sowing			Feb-Mar
	Harvesting			Aug-Sep
Odisha	Sowing		Feb-May	May-Jun
	Harvesting		Nov-Feb	Aug-Sep
Punjab	Sowing		Feb(B)-Mar(E)	
	Harvesting		Nov(B)-Feb(E)	
Rajasthan	Sowing		Mar(B)-Apr(E)	
	Harvesting		Dec(B)-Mar(E)	
Tamil Nadu	Sowing	Jun(B)-Aug(E)	Dec(B)-Jan(E)***	
	Harvesting	May(B)-Aug(E)	Dec(B)-Jan(E)	
Tripura	Sowing		Feb-May	Mar-May
	Harvesting		Dec-Mar	Aug-Sep
Uttar Pradesh	Sowing	Oct(B)-Nov(E)	Oct(B)-Nov(E)	
	Harvesting	Oct(B)-Dec(E)	Oct(B)-Feb(E)	
West Bengal	Sowing	Oct(B)-Apr(E)		Mar(B)-May(E)
	Harvesting	Oct(B)-Mar(E)		Jul(B)-Aug(E)
All India	Sowing	Jun(B)-Oct(E)	Feb(B)-Aug(E)	Feb-Jun
	Harvesting	Oct(B)-Jan(E)	Aug(B)-Nov(E)	Aug-Oct

B: Beginning

E: Early

M: Middle

L : Late

*=Annual; **Early Kharif; ***Early sugarcane

Source: Indian Council of Agricultural Research (Crop Science Division)

Harvesting Season of Major Fruits

State /UTs	Mango	Apple	Banana	Lime/Lemon	Grapes
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	April - May	*	round the year	Oct. - Dec.	March-April
Arunachal Pradesh	*	Oct.	round the year	round the year	*
Assam	Jun. - Aug.	*	round the year	June - Sep.	*
Bihar	June - July	*	Sept. -Nov.	*	*
Chhattisgarh	April - June	*	Feb-March.& July-Sep.	March-April & July-Aug.	*
Delhi	*	*	*	*	
Goa	*	*	round the year	*	
Gujarat	May	*	Sept. -Nov.	Sep.-Oct.	*
Haryana	July	*	*	Dec.	June
Himanchal Pradesh	July	Aug. - Sep.	July - Aug.	Nov.-Jan.	July
Jammu & Kashmir	July	Sep. - Oct.	*	Nov.-Dec.	June - July
Jharkhand	May - June	*	Sept. -Nov.	Sept. -Dec.	*
Karnataka	April - June	*	July-Nov.	July-Sep.	*
Kerala	Feb. - March	*	Aug.-Sept. & Nov.-Dec.	*	*
Madhya Pradesh	May-June	*	July - Aug.	July-Sep.	March-April
Maharashtra	April - may	*	round the year	March-April	March & May
Manipur	*	*	August	Dec.	*
Meghalaya	*	*	June	*	*
Mizoram	July	*	Feb	Aug.	Oct.
Nagaland	July	*	round the year	*	*
Odisha	April - June	*	Sep. to Dec.	Aug.-Sep.	*
Punjab	June	*	*	round the year	May-June
Rajasthan	June	*	*	Aug.	June
Sikkim	June	*	Sep.-Oct.	*	*
Tamil Nadu	May-June	*	round the year	Feb. - March	May & Nov.
Tripura	June	*	round the year	June - July	*
Uttar Pradesh	June	*	Aug.-Sep.	Dec.	June
Uttarakhand	June-Aug	July - Aug.	May-Aug.	May.-July & Nov.-Dec.	*
West Bengal	June-July	*	Aug.-Sep.	Sep.	*
Andaman & Nicobar	Jan. - April	*	Jan.-March & Oct.-Dec.	*	*
Chandigarh	*	*	*	*	*
D & N Haveli	May	*	Sep.-Nov.	*	*
Daman & Diu	May	*	Sep.-Nov.	*	*
Lakshadweep	*	*	round the year	*	*
Puducherry	June-July	*	Aug.	Jan.	*

Source: Indian Horticulture Database -2014.

* Information not available.

Harvesting Season of Major Vegetables

State/Uts	Potato	Onion	Tomato	Cabbage	Cauliflower
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	April - June	April & June Sep.-Nov.	round the year	Nov. & Jan.	Nov. & Jan.
Arunanchal Pradesh	*	*	*	*	*
Assam	Dec.- Jan.	Dec. - Feb.	Dec.-Feb.	Jan.-Feb.	Nov. - Feb.
Bihar	Jan.-Feb.	March-April	Jan.-Feb.	Nov. - Feb.	Dec.-Feb.
Chhattisgarh	Jan. - Mar.	March-April	Aug.-Feb.	Aug.-Feb.	Aug.-Feb.
Delhi	*	*	*	*	*
Goa	*	*	*	*	*
Gujarat	Jan.	Feb.	Dec. - Mar.	Dec.-Feb.	Dec.-Feb.
Haryana	Feb.-Mar.	April & Dec.	April-Oct.	Jan.	Jan.
Himachal Pradesh	May.-June & Aug.-Nov.	May-June	May-Aug.	Sep.-Dec. & Feb.	Dec.-Feb.& Aug.-Oct.
Jammu & Kashmir	April & July	May-June	April	Oct.-April	Oct. - April
Jharkhand	Dec.-Feb.	March. - April.	Feb.& Dec.	Nov. - Dec.	Oct. - Dec..
Karnataka	Feb.-March & Sep.-Oct.	April - June & Sep.-Oct.	May-July	round the year	round the year
Kerala	*	*	*	*	*
Madhya Pradesh	Feb. - March	March. - April.	Oct. & Dec.-Feb.	Jan.-Feb.	Jan.-Feb.
Maharashtra	Mar. - May.	April	round the year	Jan.-Feb.	*
Manipur	Dec.- Jan.	*	July-Aug.	July-Aug.	Oct. -Jan.
Meghalaya	April	Dec.	April	Aug.	Oct.
Mizoram	Sep.	March	Aug.	Dec.	*
Nagaland	Feb.	Oct.	*	Feb.	March
Odisha	Feb. - March	Feb. -April	Jan.-March	Dec. - Mar.	Nov. - Feb.
Punjab	Dec.- Jan.	April	May	Dec. - Mar.	Dec.-Jan.
Rajasthan	Jan.-Feb.	April & Nov.	Nov.Dec.	Dec.	Jan.
Sikkim	June -Aug.	Feb. - March	June-Sep.	June-Oct.	Nov. - March.
Tamil Nadu	round the year	Aug. & Nov.	round the year	May.& Dec.	Feb. & Dec.
Tripura	*	*	*	*	*
Uttar Pradesh	Mar. - April.	March	Feb.	Jan.	Jan.
Uttarakhand	July-Aug. & Oct.-Dec.	May	Nov.-Jan.& May-June	Nov.-Aug.	Nov. - Feb.& July-Aug.
West Bengal	March	April	Jan. - Feb.	Nov.-Feb.	Dec. - Jan.
Andaman & Nicobar	*	*	Oct.-March & June - July	Nov.-Jan.	Nov. - Jan.
Chandigarh	*	*	*	*	*
D & N Haveli	Jan.	Feb.	Dec.-Feb.	Dec.- Feb.	Dec. - Feb.
Daman & Diu	Jan.	*	Dec.-Feb.	Dec.- Feb.	Dec. - Feb.
Lakshadweep	*	*	*	*	*
Puducherry	April & July	April & Nov.	*	*	*

Source: Indian Horticulture Database -2014.

* Information not available.

Seed Rate of Sowing for Important field crops

		(Kg/Ha)
Crop	Variety Seed Rate	Hybrid Seed Rate
(1)	(2)	(3)
Cereals		
Rice	25-40	12-15 for normal planting 5 under SRI planting
Wheat	100	
Barley	100	
Sorghum	Grain Rabi 8-10; Grain Kharif 10	7.5
Pearl Millet	4-5	4-5
Maize	Normal field corn 18-20; Fodder 30-40	20
Ragi	10-12.5	10-12.5
Pulses		
Pigeon pea	Early duration 17-19 Medium duration 15-17; Long duration 12-15	
Chickpea(Large seeded)	75-100	
Chickpea Desi (small seeded)	65-75	
Chickpea Kabuli	100-120	
Mungbean	Kharif-20, Rabi 25-30, Summer 20-30	
Urdbean	Kharif-20, Rabi 25-30, Summer 20-30	
Fieldpea	80-100	
Lentil	50-60	
Rajmash	75-100	
Mothbean	15-18	
Kulthi	22-30	
Oilseeds		
Groundnut	140-160	
Rapeseed & Mustard	3-5	3.5
Soybean	65-75	
Sunflower	5	5
Sesame	5	
Niger	5	
Safflower	7	
Linseed	30 for seed type 45 for dual purpose type	
Castor	5	5

Seed Rate of Sowing for Important field crops-Contd.

Appendix-VIII

Crop (1)	Variety Seed Rate (2)	Hybrid Seed Rate (3)
Forage crops		
Sorghum	25 in small seeded varieties; 40 in bold seeded varieties	
Maize	40-50	
Guar	20-30	
Pearl Millet	8-12	
Oats	80(small), 100 (Bold)	
Berseem	20-25	
GobhiSarson	4	
Lucerne	15	
Fibre Crops		
Cotton	10-12	Bt. Cotton - 2.25 Non-Bt. Cotton 10
Jute	6 (olitorius), 7 (capsularis)	
Sunhemp	25	
Mesta	12 (Rosella), 15 (Kenaf)	
Sugar Crops		
Sugarcane	60 qtls. (40,000 sets of 3 buds in sub tropics) (20,000-25000 sets of 3 buds in tropics)	-

Source:- Indian Council of Agricultural Research (ICAR)

1.1 Introduction

The Directorate of Economics & Statistics (DES) releases estimates of area, production and yield in respect of principal crops of food grains, oilseeds, sugarcane, fibers and important commercial crops. These crops account for a significant share in the Gross Value Added by agriculture and allied sector. The estimates of crop production are obtained by multiplication of area estimates by corresponding yield estimates. The estimates of area and yield rates assume prime importance in the entire gamut of agricultural statistics.

1.2 Area Statistics

From the point of view of collection of area statistics, the States in the country are divided into three broad categories. The first category covers States and UTs which are cadastrally surveyed and the area and land use statistics are built up as a part of the land records maintained by the revenue agencies, these states are called “Land Record States” or temporarily settled States. This system is followed in 18 major states of Andhra Pradesh, Assam (excluding hilly districts), Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jammu & Kashmir, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttar Pradesh and Uttarakhand and 4 UTs of Chandigarh, Delhi, Dadra & Nagar Haveli and Puducherry. These States/UTs account for about 86% of reporting area and are covered under Timely Reporting Scheme (TRS) under which 20% villages are selected at random for complete area enumeration.

The second category includes those States where area statistics are collected on the basis of sample surveys conducted under the scheme of Establishment of an Agency for Reporting of Agricultural Statistics (EARAS). This scheme was introduced in Kerala, Odisha and West Bengal, and later extended to Arunachal Pradesh, Nagaland, Sikkim and Tripura. The scheme envisages, inter-alia, estimation of area through sample surveys in a sufficiently large sample of 20% villages/ investigator zones. These states account for about 9% of reporting area.

The third category covers the hilly districts of Assam, the rest of North-Eastern states (other than Arunachal Pradesh, Nagaland, Tripura and Sikkim), Goa, UTs of Andaman & Nicobar Islands, Daman & Diu and Lakshadweep where no reporting agency had been functioning. In this category of states, work of collection of Agricultural Statistics is entrusted with the village headmen. The area statistics in these states are based on impressionistic approach. These areas/states account for 5% of the reporting area.

1.3 Yield Estimates

The second most important component of production statistics is yield rates. The yield estimates of major crops are obtained through analysis of Crop Cutting Experiments (CCE) conducted under scientifically designed General Crop Estimation Surveys (GCES). At present over 95% of the production of foodgrains is estimated on the basis of yield rates obtained from the CCEs. Field Operations Divisions (FOD) of the National Statistical Office (NSO) has been providing technical guidance to the States and Union territories for organizing and conducting Crop Estimation Surveys for estimating yield rates of principal crops. In addition, NSO in collaboration with States/Union Territories implements sample check programmes on area enumeration work, area aggregation and conduct of crop cutting experiments under the Scheme for Improvement of Crop Statistics (ICS). While executing the programme of sample checks on crop cutting experiments, the FOD associates itself with the operational aspects of the conduct of crop cutting experiments right from selection of sample villages, training of field staff to the supervision of field work, and in the process gathers micro level information relating to conduct of crop cutting

experiments for estimation of crop yield. NSO regularly brought out its annual publication entitled "Consolidated Results of Crop Estimation Surveys on Principal Crops".

The primary objective of GCES is to obtain fairly reliable estimates of average yield of principal food and non-food crops for States and UTs which are important from the point of view of crop production. The estimates of yield rates thus arrived at are generally adopted for the purposes of planning, policy formulation and implementation. The CCEs consist of identification and marking of experimental plots of a specified size and shape in a selected field on the principle of random sampling, harvesting and threshing the produce and recording of the harvested produce for determining the percentage recovery of dry grains or the marketable form of the produce.

1.4 Coverage

The crop-wise details of number of experiments planned under GCES during **2016-17** are given in **Table 1.1**

Table1.1: Experiments Planned under GCES during 2017-18

Crop Type/Crop	No. of Experiments Planned		
	Kharif	Rabi	Total
1. Food Crops			
Paddy	355475	30179	385654
Wheat	-	399917	399917
Jowar	31538	20624	52162
Bajra	74365	14198	88563
Maize	82238	8270	90508
Ragi	12002	2142	14144
Barley	-	10000	10000
Gram	-	65157	65157
Sugarcane*	24561	439	25000
Other Crops	170892	106844	277736
Total	751071	657770	1408841
2. Non-Food Crops			
Groundnut	46773	15140	61913
Sesamum	26879	4073	30952
Castor	5871	-	5871
Rape & Mustard	-	80435	80435
Linseed	-	1937	1937
Cotton	53580	386	53966
Jute	3802	-	3802
Mesta	622	-	622
Other Crops	27760	19621	47381
Total	165287	121592	286879
Total (1+2)	916358	779362	1695720

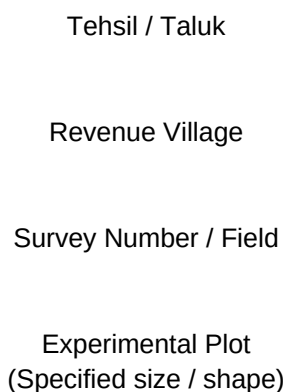
Source: AS Wing, NSO (FOD), Faridabad

*439 experiments of Sugarcane are of Rabi season in West Bengal.

1.5 Sampling Design

Stratified multi-stage random sampling design is generally adopted for carrying out GCES with tehsils/ taluks/ revenue inspector circles/ CD blocks/ anchals, etc., as strata, revenue villages within a stratum as first stage unit of sampling, survey numbers/fields within each selected village as sampling unit at the second stage and experimental plot of a specified shape and size as the ultimate unit of sampling as depicted in **Figure 1.1**.

Figure 1.1: SAMPLING DESIGN for GCES



In each selected primary unit, generally 2 survey numbers/fields growing the experimental crop are selected for conducting CCE. Generally, 80-120 experiments are selected in a major crop growing district, where a district is considered as major for a given crop if the area under the crop in the district exceeds 80,000 hectares or lies between 40,000 and 80,000 hectares but exceeds the average area per district in the State. Otherwise, the district is considered as minor for a given crop. Experiments in minor districts are so adjusted that the precision of the estimates is fairly high and the workload on the field staff is manageable. On an average, about 44 or 46 experiments are planned in a minor district. The number of experiments allotted to a district is distributed among the strata within the district roughly in proportion to the area under the crop in the stratum.

1.6 Advance Estimates of Area and Production

The period of an agricultural crop year is from July to June, during which various farm operations from preparation of seed bed, nursery, sowing, transplanting various inter-culture operations, harvesting, threshing etc. are carried out. Different crops are grown during the agricultural seasons in a crop year.

Final estimates of production based on complete enumeration of area and yield through crop cutting experiments become available much after the crops are actually harvested. However, the Government requires advance estimates of production for taking various policy decisions relating to pricing, marketing, export/import, distribution, etc. Considering the genuine requirement of crop estimates much before the crops are harvested for various policy purposes, a time schedule of releasing the advance estimates has been evolved. These estimates of crops are prepared and released at five points of time during a year as enumerated below.

1.7 First Advance Estimates

The first advance estimates of area and production of Kharif crops are prepared in September every year, when south-west monsoon season is about to be over and Kharif crops are at an advanced stage of maturity. The assessment is made by the State

Governments based on the reports from the field offices of the State Department of Agriculture. They are mainly guided by visual observations. These are validated on the basis of inputs from the proceedings of Crop Weather Watch Group (CWWG) meetings, and other feedback such as relevant availability of water in major reservoirs, availability/supply of important inputs including credit to farmers, rainfall, temperature, irrigation area enumeration based on Remote Sensing Technology, estimates from Econometrics Modeling etc.

1.8 Second Advance Estimates

The second advance estimates are made in the month of February every year. The advance estimates of Kharif crops may undergo a revision in the light of flow of more precise information from the State Governments. The Second Advance Estimates then cover the second assessment in respect of Kharif Crops and the first assessment in respect of Rabi Crops.

1.9 Third Advance Estimates

The third advance estimates are prepared in the month of April-May every year. The earlier advance estimates of both Kharif and Rabi seasons are firmed up/ validated with the information available with State Agricultural Statistical Authorities (SASAs), remote sensing data, available with Space Application Centre, Ahmedabad as well as the proceedings of CWWG.

1.10 Fourth Advance Estimates

The fourth advance estimates are prepared in the month of July-August every year. Since most of the Rabi crops get harvested by the end of May, SASAs are in a position to supply the estimates of both Kharif and Rabi seasons as well as likely assessment of summer crops. Like the third advance estimates, the fourth advance estimates are duly validated with the information available from other sources.

1.11 Final Estimates

Under the existing system of crop estimation, the fourth advance estimates are followed by final estimates in the month of February of the following agricultural year. The main factors contributing to the relatively large number of crop estimates are the large variations in crop seasons across the country and the resulting delay in the compilation of yield estimates based on crop cutting experiments. As agriculture is a State subject, Central Government depends upon State Governments for accuracy of these estimates. For this purpose, State Governments have setup High Level Coordination Committees (HLCC) comprising, inter-alia, senior officers from the Departments of Agriculture, Economics & Statistics, Land Records and NSSO (FOD), IASRI, DES from Central Government for sorting out problems in preparation of these estimates in a timely and orderly manner.

1.12 Forecasting Agricultural Output using Space, Agro-meteorology and Land based observations (FASAL)

Under the FASAL scheme, forecasts of area, production and yield based upon Remote Sensing and econometric modeling are generated. The agencies involved under the scheme are Space Application Centre (SAC), Ahmedabad, Institute of Economic Growth (IEG), New Delhi and India Meteorological Department (IMD). Under the scheme, multiple in-season forecasts of area & production of specified crops at National/State level are

envisaged. Inputs from remote sensing, weather and field observations are used for validating the forecasts and inferences for desired coverage, accuracy and timeliness.

DA&FW has established Mahalanobis National Crop Forecast Centre (MNCFC) on April 23, 2012 which operationalises Remote Sensing Methodology on crop forecast and drought assessments in collaboration with ISRO. These forecasts are used to validate the official crop estimates based the conventional system. Multiple forecast of 11 major crops namely Rice (Kharif & Rabi), Jowar (Kharif & Rabi), Maize, Bajra, Jute, Ragi, Cotton, Sugarcane, Groundnut (Kharif & Rabi), Rapeseed & Mustard and Wheat were envisaged at National/State/District level. However, based on the technological feasibility and requirement, 11 crops are modified to Rice (Kharif & Rabi), Jowar(Rabi), Maize (Rabi), Soybean, Jute, Pulses (Rabi), Cotton, Sugarcane and Groundnut(Rabi), Rapeseed & Mustard and Wheat. Presently, the experimental forecasts in respect of 8 crops are being prepared namely, Wheat, Rice (Kharif and Rabi), Jute, Sugarcane, Cotton, Rapeseed/mustard, Rabi sorghum and Rabi Pulses.

The programme uses optical and microwave remote sensing data of Indian and foreign satellites. The field data (ground truth) collection is carried out using Smartphone. The activities are carried out in collaboration with 19 State Agriculture Departments, 16 State Remote Sensing Centres, ISRO, IMD, IEG and State Agriculture Universities.

1.13 Achievements of FASAL project

FASAL is a national level project of Ministry of Agriculture & Farmers Welfare under Integrated Scheme on Agriculture Census, Economics and Statistics. Under FASAL project, pre-harvest multiple Crop production forecasts at District/State/National Level are generated for 8 major crops (Rice, Wheat, Cotton, Sugarcane, Jute, Rabi Jowar, Rabi Pulses and Rapeseed & Mustard) using satellite and agro-meteorological data.

In a year, all total 16 forecasts (Rice-3, Wheat-3, Rapeseed & Mustard-3, Jute-1, Cotton-2, Sugarcane-2, Rabi Pulses -1 and Rabi Jowar-1) are generated. The results are shared with DAC&FW, State Agriculture Departments and other partner agencies.

1.14 Extended Range Forecast System (ERFS)

The IMD has been providing weather forecast with lead-time of five days only and that too for four broad geographical regions of the country. It leaves little lead-time to farmers for undertaking crop management decisions. Therefore, the Department of Agriculture, Cooperation and Farmers Welfare has sponsored a project entitled “Development and Application of Extended Range Forecast System for Climate Risk Management in Agriculture (ERFS)” since 2006 in collaboration with other partner organizations, viz., Indian Institute of Technology (IIT), India Meteorological Department (IMD), National Centre for Medium Range Weather Forecast (NCMRWF), Space Application Centre (SAC) Ahmedabad and Indian Council of Agriculture Research (ICAR).

The project aims at generating extended range deterministic and probabilistic rainfall and temperature forecasts for metrological sub-divisions of India at monthly and seasonal scale and disseminating it to the farming community and to advise them about various measures. The project was completed on 31st October, 2018 and outcome has been transferred to IMD and MNCFC. The weather forecasting of precipitation and air temperature on monthly and seasonal scale has immense importance in agriculture as it offers extra lead time to farming community for decision making in adverse conditions.

APPENDIX X: RAINFALL IN 2021

S.NO.	METEOROLOGICAL SUB-DIVISIONS	TOTAL RAINFALL IN WINTER-2021			TOTAL RAINFALL IN PRE-MONSOON-2021			TOTAL RAINFALL IN MONSOON-2021			TOTAL RAINFALL IN POST-MONSOON-2021			TOTAL RAINFALL IN YEAR 2021 (JAN. TO DEC.)		
		NORMAL (CMS)	ACTUAL (CMS)	DEVIATION (%)	NORMAL (CMS)	ACTUAL (CMS)	DEVIATION (%)	NORMAL (CMS)	ACTUAL (CMS)	DEVIATION (%)	NORMAL (CMS)	ACTUAL (CMS)	DEVIATION (%)	NORMAL (CMS)	ACTUAL (CMS)	DEVIATION (%)
1	A & N Islands	7.5	9.2	22	46.7	60.3	29	165.4	202.5	22	67.6	77.4	15	287.2	349.4	22
2	Arunachal Pradesh	14.7	4.1	-72	77.3	56.2	-27	172.7	129.9	-25	26.7	15.7	-41	291.4	205.9	-29
3	Assam & Meghalaya	4.7	1.1	-76	58.8	40.9	-30	177.4	138.7	-22	19.7	15.2	-23	260.5	195.9	-25
4	Naga,,Mani,,Mizo.&	3.8	0.7	-82	48.3	21.8	-55	142.7	97.2	-32	22.1	15.2	-31	216.9	134.8	-38
5	Sikkim	4.6	2.1	-54	44.3	48.0	8	197.1	179.4	-9	17.9	29.2	62	263.9	258.7	-2
6	Sikkim Gangetic West	3.3	0.1	-97	18.6	28.6	54	118.2	154.9	31	15.6	27.7	77	155.7	211.3	36
7	Bengal Odisha	2.9	0.4	-86	12.8	18.9	47	115.5	104.6	-9	13.1	18.3	39	144.4	142.2	-2
8	Jharkhand	2.8	0.4	-87	8.3	23.7	184	105.5	104.3	-1	9.0	16.0	77	125.7	144.3	15
9	Bihar	2.0	0.1	-97	8.2	26.8	227	101.7	104.4	3	7.3	20.2	176	119.2	151.4	27
10	East U.P.	2.6	0.2	-93	3.2	11.5	256	83.9	86.8	3	4.8	9.4	96	94.5	107.8	14
11	West U.P.	2.9	1.6	-45	3.0	6.7	124	72.1	57.3	-21	3.3	9.4	188	81.3	75.0	-8
12	Uttarakhand	10.1	4.4	-56	15.5	24.5	57	117.7	115.3	-2	6.1	22.0	263	149.4	166.1	11
13	Haryana,Chd.,and Delhi	3.1	2.6	-15	3.9	5.5	39	44.4	57.7	30	2.0	2.8	41	53.4	68.6	28
14	Punjab	4.9	1.4	-72	5.5	5.1	-7	46.7	43.7	-7	2.6	3.5	35	59.7	53.7	-10
15	Himachal Pradesh	19.3	5.8	-70	24.3	21.9	-10	76.4	69.0	-10	9.2	7.5	-18	129.1	104.3	-19
16	Jammu & Kashmir	22.4	12.3	-45	33.5	24.8	-26	56.6	40.2	-29	13.4	12.2	-8	125.9	89.5	-29
17	West Rajasthan	0.9	0.4	-59	2.3	3.9	74	26.5	31.8	20	1.2	1.5	28	30.8	37.5	22
18	East Rajasthan	1.0	1.6	57	1.9	7.3	282	60.3	69.7	16	2.6	6.8	163	65.8	85.3	30
19	West Madhya Pradesh	1.3	0.7	-48	1.3	4.7	264	85.8	98.1	14	5.1	9.3	83	93.4	112.8	21
20	East MP	3.3	1.3	-62	2.4	9.7	311	104.8	89.2	-15	5.7	4.5	-22	116.2	104.6	-10
21	Gujarat Region	0.2	0.3	73	0.6	5.7	802	92.3	78.9	-15	3.0	6.1	105	96.1	90.9	-5
22	Saurashtra, Kutch & Diu	0.1	0.0	-100	0.4	4.5	1013	50.7	62.7	24	2.8	3.7	35	54.0	70.8	31
23	Konkan & Goa	0.1	1.5	2107	3.6	19.2	434	287.5	356.0	24	14.0	26.6	90	305.2	403.3	32
24	Madhya Maharashtra	0.3	2.2	675	3.3	6.2	92	75.1	87.3	16	10.3	18.1	76	89.0	113.8	28
25	Marathawada	0.7	1.1	57	2.7	3.7	35	66.9	98.9	48	10.0	12.0	20	80.3	115.6	44
26	Vidarbha	1.8	0.5	-72	2.7	4.4	62	94.3	96.9	3	8.2	7.8	-4	107.0	109.6	2
27	Chhattisgarh	2.1	1.3	-40	4.1	9.8	138	114.2	110.8	-3	7.7	9.2	20	128.1	131.0	2
28	Coastal AP and Yanam	2.2	1.7	-25	9.9	9.8	-1	58.7	70.4	20	33.8	36.6	8	104.6	118.5	13
29	Telangana	1.4	0.4	-76	6.0	6.7	12	75.2	104.4	39	12.3	9.4	-24	94.9	120.9	27
30	Rayalseema	0.8	3.5	330	8.2	11.4	38	41.2	48.8	19	22.3	47.0	110	72.5	110.6	53
31	Tamil Nadu & Pondicherry	2.8	15.1	438	12.5	12.1	-4	33.6	39.3	17	45.0	71.4	59	93.9	137.9	47
32	Coastal Karnataka	0.3	7.7	2972	15.6	45.8	194	309.5	278.5	-10	25.7	55.6	116	351.0	387.5	10
33	North Interior karnataka	0.5	1.3	142	8.0	11.5	43	49.7	60.7	22	13.8	17.3	25	72.0	90.8	26
34	South Interior Karnataka	0.6	4.9	747	14.0	17.9	27	68.2	69.9	3	20.4	50.2	146	103.2	142.9	38
35	Kerala	2.2	11.4	409	36.2	75.2	108	204.9	171.9	-16	49.2	102.7	109	292.5	361.2	23
36	Lakshadweep	2.5	21.7	761	20.3	51.5	153	101.3	79.1	-22	32.2	37.6	17	156.3	189.9	21
All-India (Area Weighted)		4.1	2.8	-32	13.2	15.5	18	88.1	87.5	-1	12.4	17.8	44	117.7	123.5	5
Winter - (January - February)		Pre-Monsoon (March - May)			Monsoon - (June - September)			Post-Monsoon - (October - December)								



**Government of India
Ministry of Agriculture & Farmers Welfare
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