

5 DECADES OF ODISHA AGRICULTURE STATISTICS 2020



GOVERNMENT OF ODISHA

DIRECTORATE OF AGRICULTURE
AND FOOD PRODUCTION, ODISHA





GOVERNMENT OF ODISHA

(For Official Circulation Only)

5 DECADES OF ODISHA AGRICULTURE STATISTICS 2020



DIRECTORATE OF AGRICULTURE
AND FOOD PRODUCTION, ODISHA

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may be inboxed for any
valuable suggestions on
this publication

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5 DECADES OF ODISHA AGRICULTURE STATISTICS

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MESSAGE

Agriculture continues to be the prime mover of the Indian economy. In an agrarian State like Odisha where nearly 62% of rural workforce is dependent on agriculture and allied activities proper compilation of data relating to agriculture and its analysis is of paramount importance.

I am happy to note that Directorate of Agriculture & Food Production, Odisha has taken up the challenging task of compiling time series data spanning over 5 decades and publishing it in the form of a book titled “Five Decades of Odisha Agriculture Statistics”.

This publication will be of immense use to academicians, researchers and policy makers in the field of agriculture. I compliment Dr. M. Muthukumar, Director and other officials of the Directorate of Agriculture and Food Production for bringing out this publication.

A handwritten signature in blue ink, appearing to read "Raj K Sharma".

(RAJ KUMAR SHARMA)



GOVERNMENT OF ODISHA



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FOREWORD

The initiative of the Directorate of Agriculture & Food Production, Odisha for publication of “Five Decades of Odisha Agriculture Statistics” is definitely a novel attempt to make available the various information relating to agriculture in a consolidated and concise form. The book has further been enriched by way of statistical analysis of trends of production of major crops. I believe this book will be a resource material for all associated with the field of agriculture.

The work done by the officials of the Directorate is appreciated.

A handwritten signature in blue ink, which appears to read "Saurabh Garg".

(DR. SAURABH GARG)



GOVERNMENT OF ODIsha



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PREFACE

As a matter of routine each year the Directorate of Agriculture publishes the compilation of agricultural statistics in the form of “Odisha Agricultural Statistics”. But the initiative to publish a time series compilation of agricultural statistics (50 years of data) is a rare attempt and certainly praise worthy. Last such publication was made in the year 2004. The book “Five Decades of Odisha Agriculture Statistics (1970-71 to 2019-20)” contains valuable information on Area, Yield & Production of various crops and other related aspects of Agriculture. Sincere attempts have been made to make the publication error free and any error found is unintentional & clerical.

It is noteworthy to mention here that the idea of publishing second compilation of 50 years of agricultural statistics was sparked by Sri Anupam Bose, Former Group-A (Sr.) Officer of this directorate, who incidentally was associated with the first such publication. This idea was carried forwarded by sincere works done by Dr. Rajesh Das, Chief Statistician, Sri Navesh Kumar Pattanayak, AAO, & Mr. Atulya Kumar Jena, SA under his close supervision. The book would have been incomplete but for the insightful statistical analysis done by Dr. Sujata Priyambada Parida, DD(Statistics), A & FE Department and her consistent support.

For wider accessibility, a soft copy of the publication has also been uploaded in our website: www.agriodisha.nic.in.

The information provided by various organizations are duly acknowledged and we hope their continued support and guidance in future too.

I sincerely hope that this publication will be appreciated for its rich content and up-to-date coverage of data on the agriculture sector.



(DR. M. MUTHUKUMAR)

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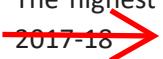
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INTRODUCTION

The advent of Green Revolution coupled with an innovative agricultural extension system that effectively disseminated the research outcomes made a paradigm shift in Indian Agriculture. Although the technical knowhow associated with the green revolution reached Odisha a little late but never the less consistent efforts were made by all concerned to make-up for the delay in harnessing its benefits. The key factors of green revolution i.e. use of High Yielding varieties of seeds, increased use of chemical fertilizers & pesticides and farm mechanization are directly linked to the creation of irrigation facilities. Probably the lack of such facilities in Odisha became a major hurdle in spread of the green revolution related scientific farm management practice. The frequent occurrence of natural calamities like drought, flood & cyclone was another impediment in taking forward the agriculture from subsistence level to the present status of commercial agriculture.

In initial years, the progress was definitely slow as the entire process was dependent on the farmer's educational level and adaptability to new technologies, availability of requisite inputs and information and non-entrepreneurial skill, poor connectivity warehousingfacilities / lack of agro based industriesetcwhich also acted as a deterrent for the growth of agriculture. However, with the introduction of State Agriculture Policies and focused importance of the government on this sector, the things started moving in a positive manner at faster pace. This effort of the state government coupled with untiring hard work of farmers has helped the state to own many laurels such as Krishi Karman Award (5 times in 6 years), Sktoch Award, Preservation of Plant Varieties etc.

An attempt has been made through this publication to document the agricultural statistics for the period 1970 to 2019 and analyse the trends of change. Remarkable increases in some of the growth parameters are observed and the salient findings are summarised as follows:

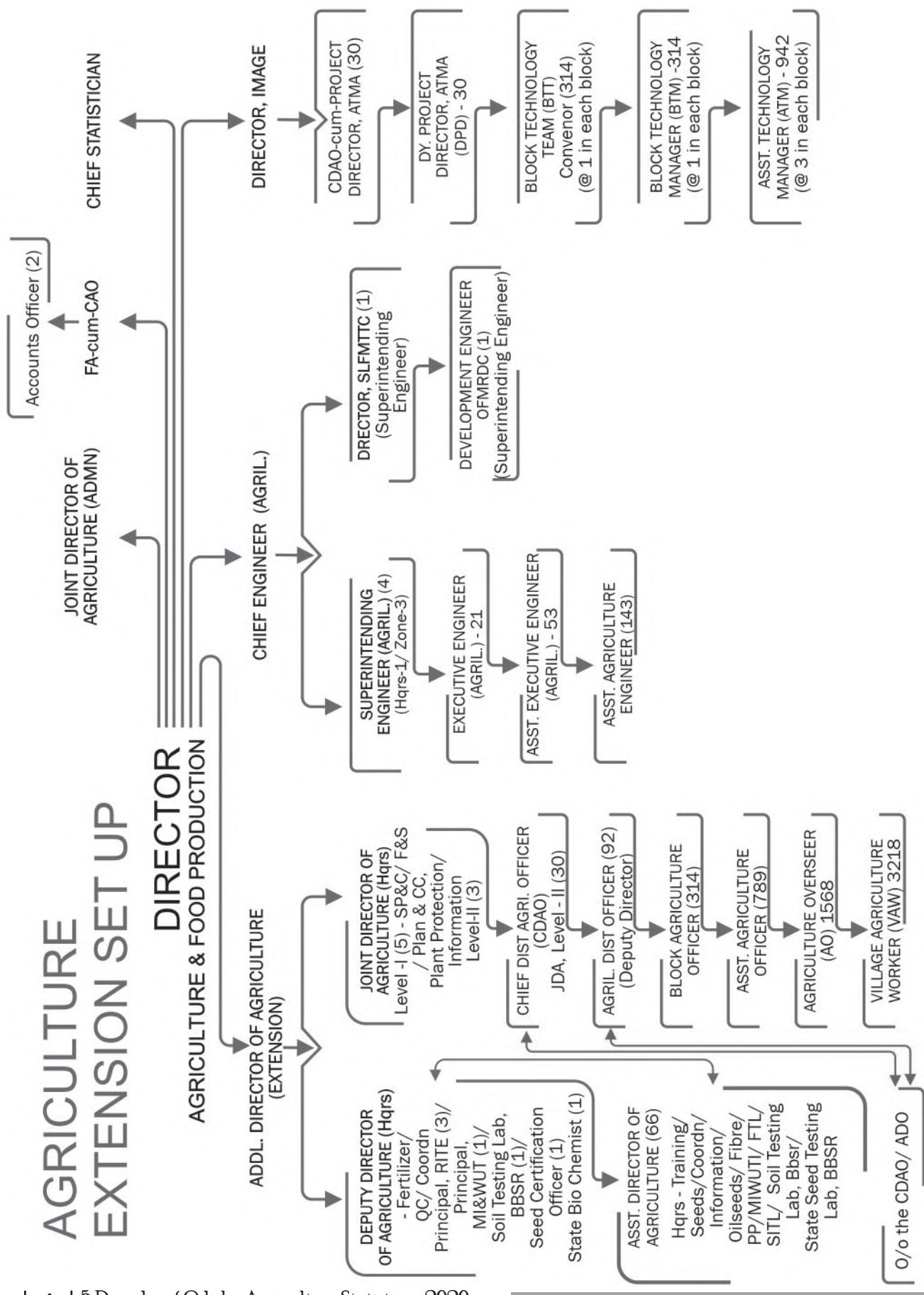
1. There is a quantum jump in Food Grain Production (48.63 LMT in 1970-71 to 115.7 LMT in 2019-20).
The highest achievement was 118 LMT of total food grain production in the state during the year
 2017-18
2. Crop diversification has made a considerable progress. While the area under rice has declined from 44.71 Lakh ha. in 1970-71 to 39.41 Lakh ha. in 2019-20. The non-paddy area has gone up from 21.13 Lakh ha during 1970-71 to 38.52 Lakh ha during 2019-20.

3. The increased area under non-paddy crop not only includes traditional pulses and oil seeds but also vegetables, flowers and fruit crops.
4. The irrigation potential has increased from 13.78 Lakh ha. (Kharif & Rabi) in 1975-76 to 61.85 Lakh ha. in 2019-20. With the implementation of “Jalanidhi” scheme the area under captive irrigation has also increased.
5. Cropping intensity is an important growth indicator that reached a level of 167 % in 2010-11 from 121% in 1970-71. However, in recent years due to climatic abberations a slight decline is noticed in cropping intensity.
6. The use of High Yielding Varieties (HYV) exhibited an increasing trend. From the supply of 1.42 Lakh Qntls. of HYV seeds in 1995-96, the maximum supply of 7.98 LakhQntls. of seeds were made in 2015-16.
7. The fertilizer consumption has reached a level of 72.96 Kg/ha in 2019 from 4.13 Kg/ha only in 1970-71. The important factor in this increase is that the ideal NPK use ratio of 4:2:1 is nearly maintained. NPK use ratio of the state was 4.9:2.2:1 in 2019-20.
8. Farm mechanisation has made considerable stride and the farm power availability moved to 1.86 KW/ha. from 0.54 KW/ha in 1994-95. Similarly, the cosumption of electricity in farm sectors increased by nearly 3 fold.
9. The credit offtake (Crop Loan) in farm sector too increased. The present level of 20432 crore of crop loan disbursed is 33 times increment over that of 2000-01.
10. Although the contribution of agriculture to GSDP has declined over the years mainly due to sharp increase of contribution from other competing sectors like services, industry, mining etc. but it showed remarkable resilience and withstood multiple natural calamities and continues to be the major source of livelihood of 60% of rural population.

ADMINISTRATIVE SET-UP IN ODISHA

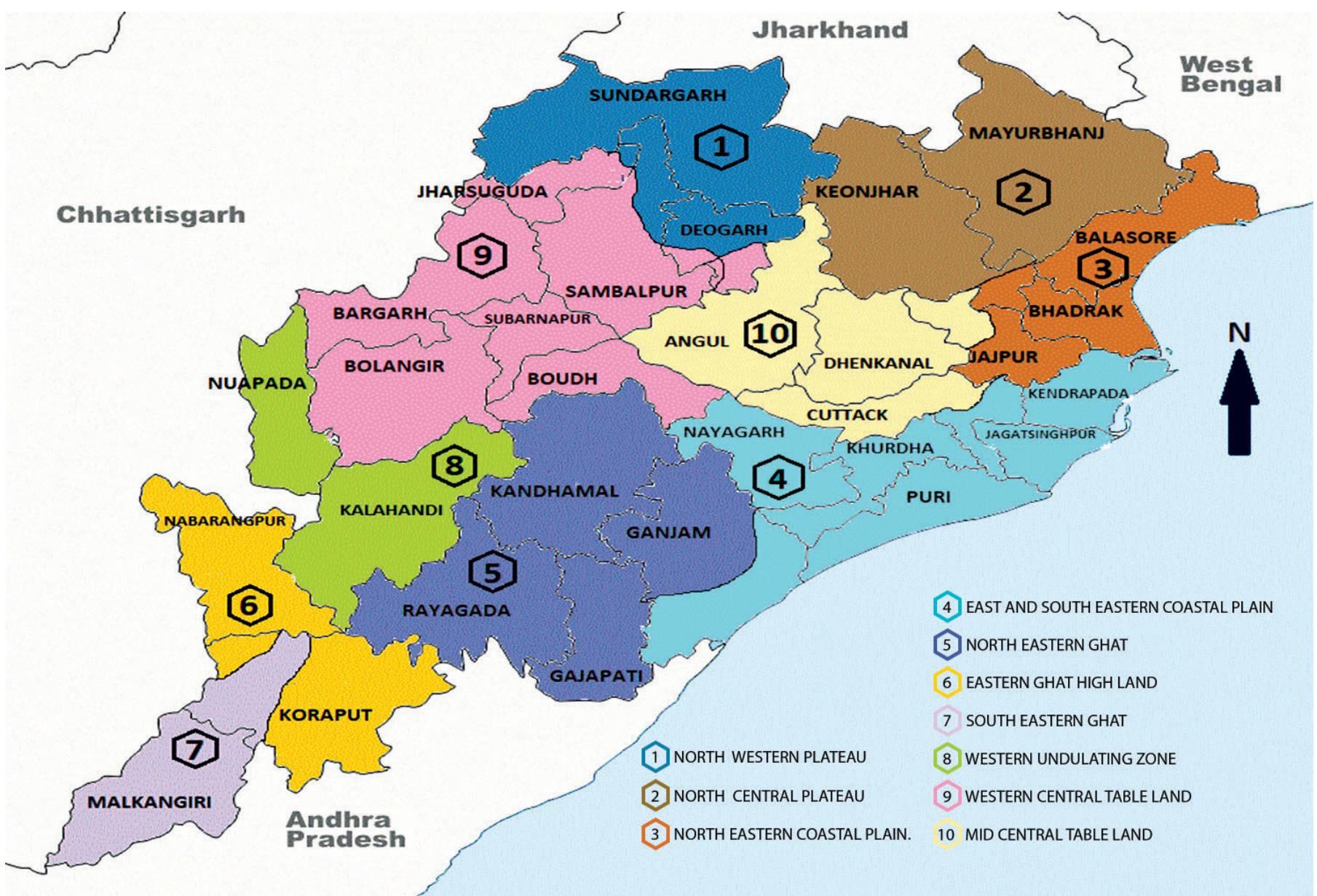
SL. NO.	DISTRICTS	NUMBER OF				No of Villages under GP	No of Urban Local Bodies (ULB)	No. of villages under ULB (where agricultural activities are going on)
		SUB- DIVISION	TAHASIL	BLOCK	GP			
1	ANGUL	4	8	8	224	1820	3	30
2	BALASORE	2	12	12	360	2879	4	89
3	BARGARH	2	12	12	253	1173	5	21
4	BHADRAK	1	7	7	219	1287	4	73
5	BOLANGIR	3	14	14	317	1772	5	21
6	BOUDH	1	3	3	69	1179	1	3
7	CUTTACK	3	15	14	373	1971	4	92
8	DEOGARH	1	3	3	70	745	1	10
9	DHENKANAL	3	8	8	212	1182	4	55
10	GAJAPATI	1	7	7	149	1508	2	9
11	GANJAM	3	23	22	503	3127	18	112
12	JAGATSINGPUR	1	8	8	198	1294	2	26
13	JAJPUR	1	10	10	311	1773	2	39
14	JHARSUGUDA	1	5	5	78	336	3	16
15	KALAHANDI	2	13	13	310	2221	4	16
16	KANDHAMAL	2	12	12	171	2473	3	26
17	KENDRAPARA	1	9	9	249	1511	2	51
18	KEONJHAR	3	13	13	297	2070	5	63
19	KHURDA	2	10	10	190	1546	5	101
20	KORAPUT	2	14	14	239	1912	4	21
21	MALKANGIRI	1	7	7	111	929	2	8
22	MAYURBHANJ	4	26	26	404	3909	4	65
23	NAWARANGPUR	1	10	10	189	876	2	7
24	NAYAGARH	1	8	8	194	1667	5	34
25	NUAPARA	1	5	5	131	642	3	26
26	PURI	1	11	11	268	1706	4	60
27	RAYAGADA	2	11	11	182	2642	3	16
28	SAMBALPUR	3	9	9	138	1236	3	103
29	SUBARNAPUR	2	6	6	109	944	3	22
30	SUNDARGARH	3	18	17	279	1717	4	71
ODISHA		58	317	314	6797	50047	114	1286

AGRICULTURE EXTENSION SET UP



AGRO-CLIMATIC ZONES OF ODISHA

SL. NO.	AGRO-CLIMATIC ZONES	AGRICULTURAL DISTRICTS	CLIMATE	BROAD SOIL GROUP
1	NORTH – WESTERN PLATEAU	Sundargarh, Parts of Deogarh, Sambalpur & Jharsuguda	Hot & Moist Sub-Humid	Red, Brown Forest, Red & Yellow, Mixed Red & Black
2	NORTH CENTRAL PLATEAU	Mayurbhanj, Major parts of Keonjhar(except Anandpur and Ghasipura Block)	Hot & Moist Sub-Humid	Lateritic, Red & Yellow, Mixed Red & Black
3	NORTH EASTERN COASTAL PLAIN	Balasore, Bhadrak, parts of Jajpur & hatadihi block of Keonjhar	Moist Sub-Humid	Red, Lateritic, Deltaic Alluvial, Coastal Alluvial & saline
4	EAST AND SOUTH EASTERN COASTAL PLAIN	Kendrapara, Khurdha, Jagatsinghpur, Part of Cuttack, Puri, Nayagarh & part of Ganjam	Hot & Humid	Saline, lateritic, Alluvial, Red and Mixed Red & Black
5	NORTH EASTERN GHAT	Phulbani, Rayagada, Gajapati, part of Ganjam & small patches of Koraput	Hot & Moist Sub-Humid	Brown Forest, Lateritic Alluvial, Red, Mixed Red & Black
6	EASTERN GHAT HIGH LAND	Major parts of Koraput & Nawarangpur	Warm & Humid	Red, Mixed Red & Black, Mixed Red & Yellow
7	SOUTH EASTERN GHAT	Malkangiri & part of Koraput	Warm & Humid	Red, Lateritic, Black
8	WESTERN UNDULATING ZONE	Kalahandi & Nuapada	Hot & Moist Sub-Humid	Red, Mixed Red & Black, Black
9	WESTERN CENTRAL TABLE LAND	Bargarh, Bolangir, Boudh, Sonepur, parts of Sambalpur & Jharsuguda	Hot & Moist Sub-Humid	Red & Yellow, Red & Black, black, Brown Forest, Lateritic
10	MID CENTRAL TABLE LAND	Angul, Dhenkanal, parts of Cuttack & Jajpur	Hot & Moist Sub-Humid	Alluvial, Red, Lateritic, Mixed Red & Black

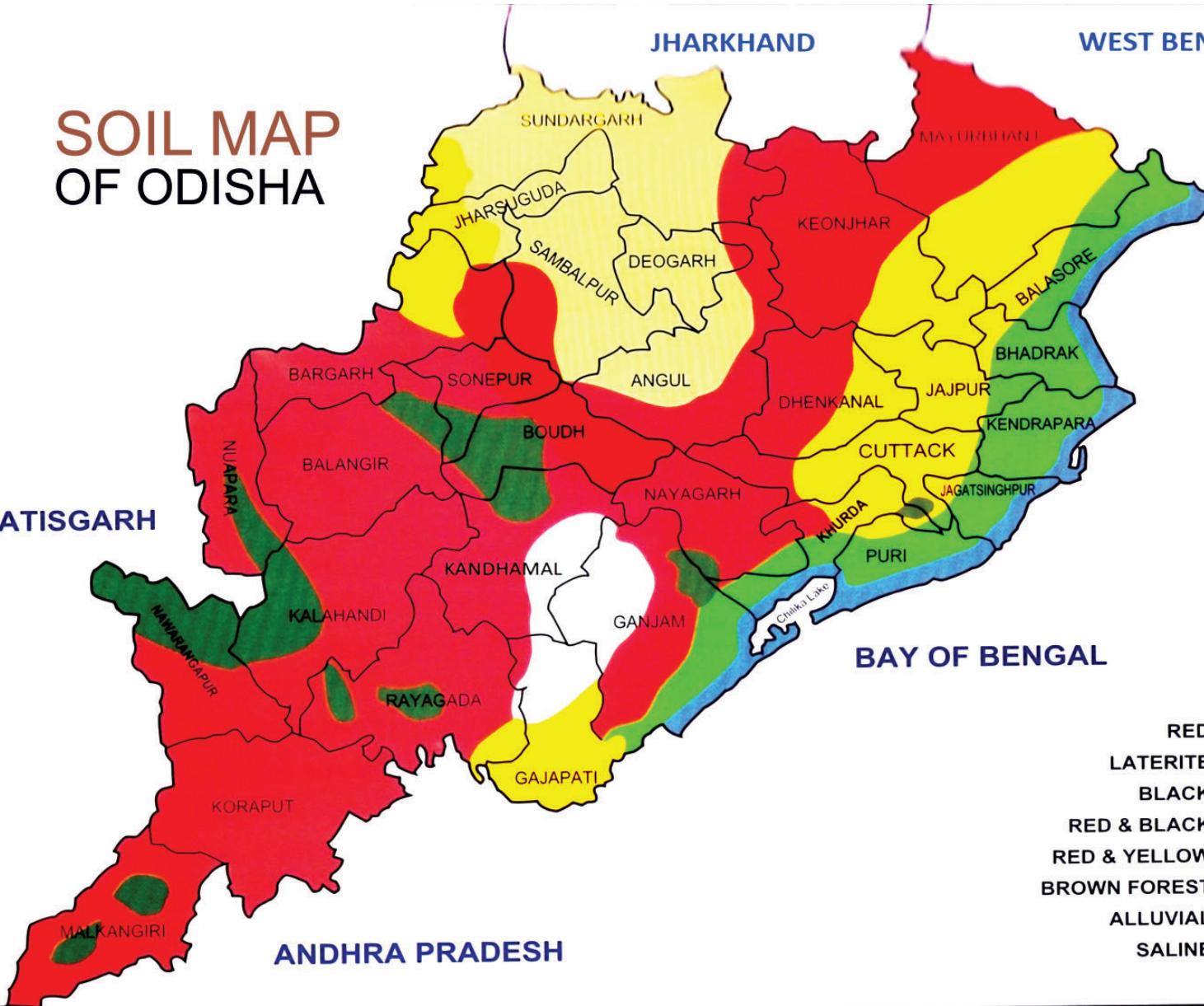


SOIL MAP OF ODISHA

CHHATISGARH

JHARKHAND

WEST BENGAL



5 Decades of Odisha Agriculture Statistics ~ 2020

| 7 |

ANDHRA PRADESH

BAY OF BENGAL

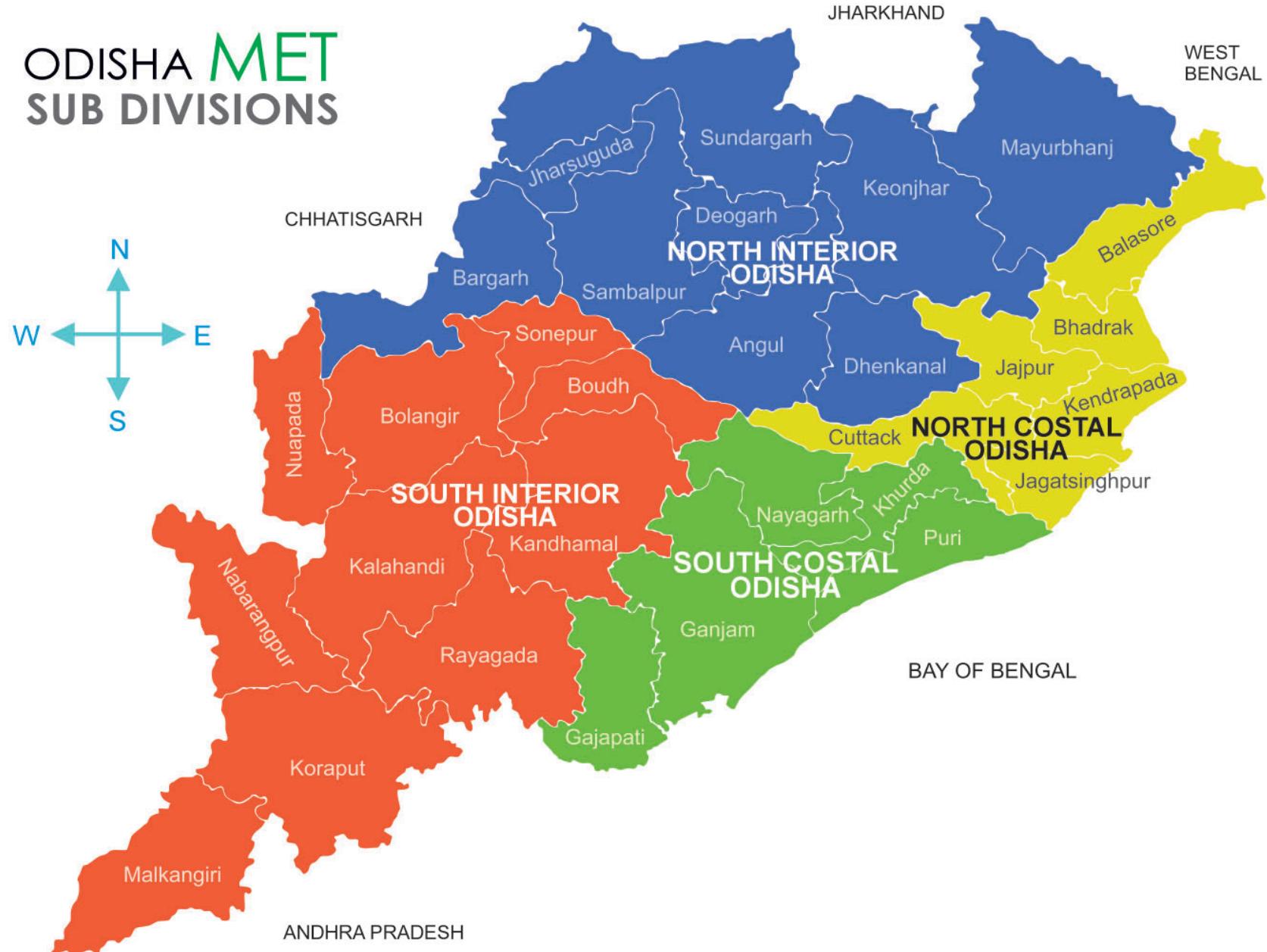
RED SOIL	
LATERITE SOIL	
BLACK SOIL	
RED & BLACK SOIL	
RED & YELLOW SOIL	
BROWN FOREST SOIL	
ALLUVIAL SOIL	
SALINE SOIL	

PERIODIC LAND USE CLASSIFICATION IN ODISHA

Area in '000 ha.

SL. NO.	HEADING	1950-51	1960-61	1970-71	1980-81	1990-91	2000-01	2010-11	2018-19
I	Reporting area for land utilization statistics (1 to 5)	15575	15540	15540	15540	15540	15571	15571	15571
	1 Forests	2899	3566	4976	6640	5476	5813	5813	5813
	2 Not available for cultivation	3009	2542	1803	897	1245	1842	2138	2138
	a) Barren & unculturable land					499	843	840	840
	b) Land put to non-agril. Use					746	999	1298	1298
	3 Other uncultivated land excluding fallow land (a+b+c)	3009	2547	1928	1232	2182	1317	1211	1211
	a) Permanent pastures & other grazing lands		737	725	560	726	443	494	494
	b) Land under misc. tree crops & groves not included in net area sown		461	432	423	859	482	342	342
	c) Culturable waste	3009	1349	771	249	597	392	375	375
	4 Fallow lands (a+b)	1005	1098	719	641	333	770	988	988
	a) Fallow land other than current fallow	105	208	95	189	119	340	229	229
	b) Current fallow	900	890	624	452	214	430	759	818
	5 Net area sown (6-7)	5653	5787	5614	6130	6304	5829	5421	5362
	6 Total cropped area	5990	6137	6761	8746	9594	7878	9080	8338
	7 Area sown more than once	337	350	1147	2616	3290	2049	3659	2976
II	Net irrigated area	1013	1040	1061	1197	1934	1590	2085	2592
III	Gross Irrigated area	1018	1306	1330	1711	2314	2126	3106	3899

ODISHA MET SUB DIVISIONS



DISTRICT-WISE NORMAL RAINFALL OF ODISHA

Rainfall in m.m.

SL.	DISTRICTS	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
1	ANGUL	12.6	27.1	24.3	27.2	52.9	225.1	347.7	357.5	217.5	86.3	20.4	3.3	1401.9
2	BALASORE	14.7	31.8	34.4	62.2	108.5	221.5	308.6	332.1	267.6	170.5	34.6	5.5	1592.0
3	BARAGARH	12.5	19.1	22.0	20.0	25.6	205.6	397.2	374.4	222.6	52.8	10.4	5.1	1367.3
4	BHADRAK	11.8	29.6	36.1	51.2	91.4	198.2	293.6	311.7	216.8	145.3	37.3	4.9	1427.9
5	BOLANGIR	8.6	13.2	14.6	13.4	27.8	202.8	360.5	333.6	237.4	68.4	7.2	2.3	1289.8
6	BOUDH	17.0	26.8	22.4	16.5	38.4	233.8	418.5	488.8	244.8	90.5	21.1	4.4	1623.1
7	CUTTACK	9.9	28.6	24.7	28.3	71.5	210.0	308.3	339.1	229.2	125.6	45.0	4.1	1424.3
8	DEOGARH	14.1	27.0	20.6	21.3	41.9	242.4	447.7	443.4	228.2	84.4	8.0	3.5	1582.5
9	DHENKANAL	10.5	21.9	33.7	41.3	69.6	225.7	317.9	344.8	220.6	104.4	36.2	2.2	1428.8
10	GAJAPATI	8.1	23.0	41.3	65.2	107.8	199.7	230.6	253.6	237.9	168.6	61.8	5.7	1403.3
11	GANJAM	9.4	24.1	32.6	36.6	65.4	168.3	220.8	246.8	216.3	177.7	71.1	7.1	1276.2
12	JAGATSINGHPUR	14.5	21.7	35.5	25.4	78.0	202.3	277.3	379.1	241.4	151.1	80.4	7.9	1514.6
13	JAJPUR	12.9	25.1	28.4	46.1	93.7	238.5	350.9	341.2	238.0	140.2	41.0	3.9	1559.9
14	JHARSUGUDA	14.1	22.9	17.6	15.1	27.9	218.8	385.8	382.9	210.7	54.9	7.7	4.4	1362.8
15	KALAHANDI	10.3	14.4	23.7	25.7	41.8	240.4	327.7	355.4	204.6	74.0	10.9	1.6	1330.5
16	KANDHAMAL	10.6	29.7	28.0	35.7	67.8	207.9	325.1	330.8	239.1	117.7	31.0	4.5	1427.9
17	KENDRAPADA	10.6	30.2	35.0	33.9	94.2	208.3	317.1	333.3	237.3	183.7	67.2	5.2	1556.0
18	KEONJHAR	14.6	33.8	33.1	42.1	94.8	241.4	318.0	343.6	241.1	101.3	20.5	3.4	1487.7
19	KHORDHA	12.4	24.3	22.1	28.0	60.7	196.2	304.9	320.6	234.5	149.3	50.4	5.0	1408.4
20	KORAPUT	5.7	8.6	18.3	55.2	81.9	206.8	375.6	393.6	256.3	126.1	32.6	6.5	1567.2
21	MALKANGIRI	2.7	4.1	8.9	34.8	49.1	212.2	465.7	472.8	281.2	109.5	23.6	3.0	1667.6
22	MAYURBHANJ	10.3	28.0	40.2	52.5	101.2	265.8	337.3	359.9	262.0	114.1	21.6	7.3	1600.6
23	NABARANGPUR	6.7	14.1	15.1	34.1	66.1	251.8	356.6	407.5	225.6	168.6	18.7	4.6	1569.5
24	NAYAGARH	11.7	28.6	30.0	39.9	58.8	203.5	288.5	288.2	226.8	134.5	39.0	4.8	1354.3
25	NUAPADA	12.0	14.6	19.7	21.8	31.2	210.3	347.1	327.8	214.5	68.9	15.3	3.2	1286.4
26	PURI	10.9	25.4	15.5	18.5	62.1	188.0	292.0	297.9	243.2	181.6	67.3	6.4	1408.8
27	RAYAGADA	9.6	22.9	38.0	52.7	87.8	195.3	259.5	273.7	199.1	109.7	32.9	4.7	1285.9
28	SAMBALPUR	14.8	24.5	18.2	16.5	32.3	221.0	429.5	442.4	224.7	54.7	12.7	4.4	1495.7
29	SUBARNAPUR	12.5	17.2	15.7	15.4	29.3	217.4	399.6	408.9	228.0	59.8	11.4	3.3	1418.5
30	SUNDARGARH	15.1	24.9	16.0	16.0	40.6	237.4	386.4	393.9	211.5	67.7	8.7	4.2	1422.4
ODISHA		11.4	22.9	25.5	33.1	63.3	216.5	339.9	356.0	231.9	114.7	31.5	4.5	1451.2

YEAR WISE MONTHLY RAINFALL OF ODISHA FROM 1992 TO 2019

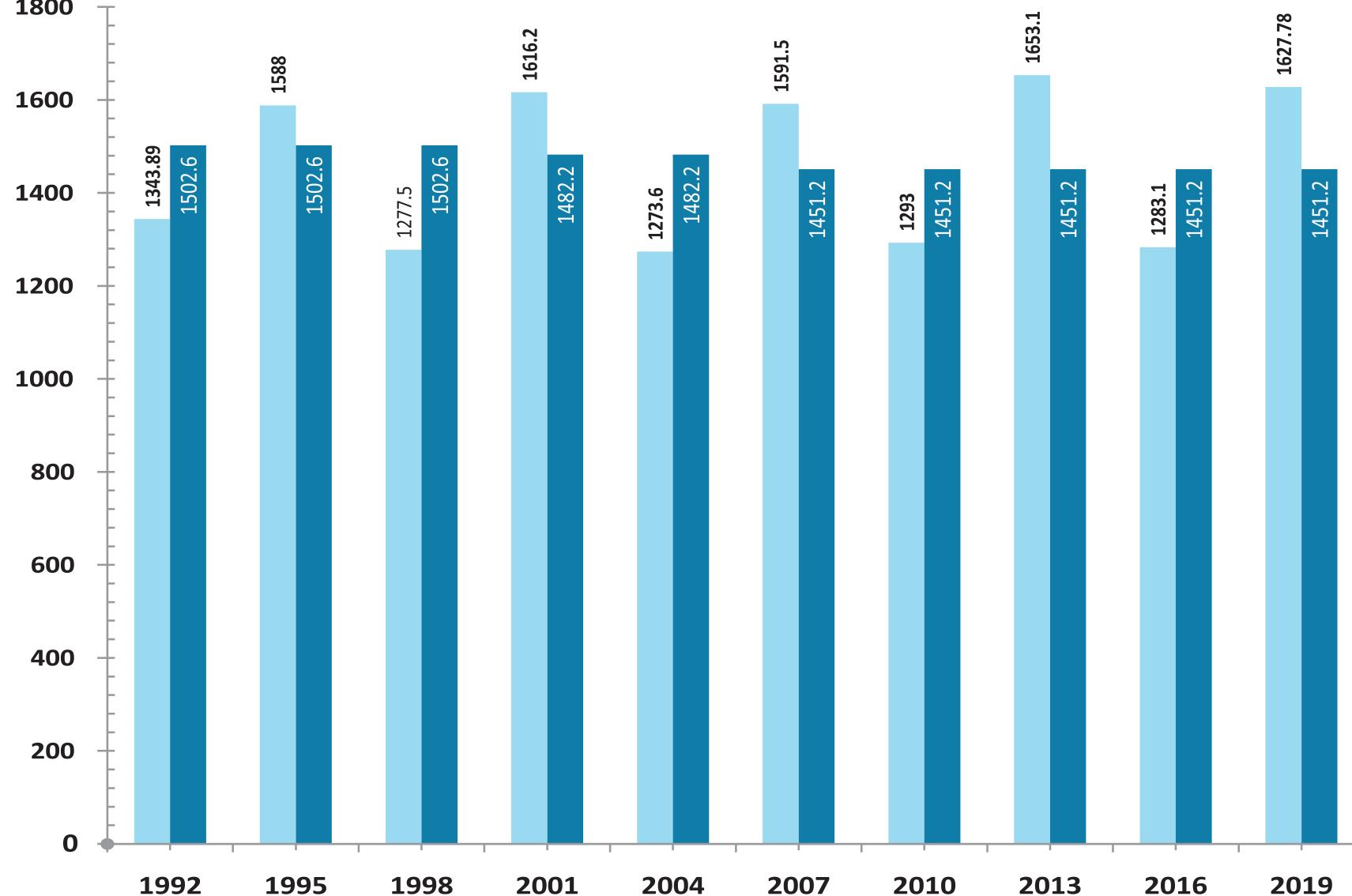
Rainfall in mm

SL. NO.	YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL		
														Actual	Normal	% of deviation
1	1992	6.08	18.92	1.88	15.80	75.00	185.79	399.15	381.04	182.32	69.81	8.10		1343.89	1502.60	-10.50
2	1993		0.20	11.30	40.30	59.20	261.00	333.20	339.00	284.00	85.10	8.30		1421.60	1502.60	-5.40
3	1994	1.50	21.90	2.30	43.50	42.30	293.80	449.20	475.80	292.20	72.30	5.50		1700.30	1502.60	13.00
4	1995	42.10	12.80	12.10	17.10	322.70	110.60	300.30	300.30	201.40	169.90	98.50	0.20	1588.00	1502.60	5.70
5	1996	6.10	4.50	4.90	16.20	25.30	203.30	255.00	307.30	104.50	55.00	8.00		990.10	1502.60	-34.00
6	1997	14.10	3.20	27.20	79.20	28.50	194.30	299.40	495.00	244.80	31.90	21.30	54.10	1493.00	1502.60	-0.60
7	1998	19.60	24.10	45.90	39.20	37.50	161.70	268.10	197.80	262.20	147.30	74.10		1277.50	1502.60	-15.00
8	1999		0.50	0.30	1.80	137.30	212.50	244.90	324.00	237.00	264.70	12.60	0.20	1435.70	1502.60	-4.50
9	2000	0.60	29.20	0.70	20.40	71.30	218.80	249.70	266.60	149.00	27.30	1.40	0.10	1035.10	1502.60	-31.00
10	2001	0.30	1.40	34.90	23.20	65.70	333.20	588.60	330.10	116.90	94.30	27.60		1616.20	1482.20	9.00
11	2002	14.50	0.10	8.50	22.90	57.40	168.50	142.50	335.50	197.20	45.50	15.20		1007.80	1482.20	-32.00
12	2003		13.60	19.00	20.10	19.10	179.40	360.60	428.10	274.00	314.10	10.60	24.80	1663.50	1482.20	12.20
13	2004	5.80	7.90	5.00	46.50	27.20	200.50	327.90	339.70	149.10	162.80	1.30		1273.60	1482.20	-14.00
14	2005	30.80	3.20	24.10	21.80	43.60	182.90	427.70	200.20	349.50	217.60	11.60	6.40	1519.50	1451.20	4.70
15	2006	0.20		27.80	21.60	101.40	171.80	438.10	630.70	245.60	25.80	19.80		1682.80	1451.20	16.00
16	2007	0.40	35.50	6.40	17.50	63.20	312.30	264.10	402.70	416.30	63.20	9.80		1591.50	1451.20	9.70
17	2008	27.80	11.00	14.60	31.50	37.70	338.40	297.50	377.40	362.20	23.00	2.50		1523.60	1451.20	5.00
18	2009	2.80		2.60	1.00	71.10	85.40	602.60	283.70	175.10	110.20	28.10		1362.60	1451.20	-6.10
19	2010	8.60	0.90	4.80	6.70	94.90	150.20	290.80	284.10	227.90	151.70	35.20	37.30	1293.00	1451.20	-10.90
20	2011	2.30	15.80	4.30	53.30	79.80	213.90	201.80	354.30	393.10	19.10		0.40	1338.10	1451.20	-7.80
21	2012	52.70	1.90	0.60	33.50	21.50	160.00	326.70	405.30	232.50	68.90	77.30	3.20	1384.10	1451.20	-4.60
22	2013	4.60	4.90	2.60	48.60	69.10	274.60	375.60	240.80	210.00	420.60	1.50	0.20	1653.10	1451.20	13.90
23	2014	2.80	22.00	34.90	14.20	131.20	99.30	502.00	390.20	294.40	115.30	1.80	0.80	1608.70	1451.20	10.90
24	2015	16.50	4.20	10.50	75.60	39.40	234.90	308.40	266.30	221.50	25.40	6.10	15.90	1224.80	1451.20	-15.60
25	2016	4.60	16.50	17.40	8.40	88.80	159.50	277.80	330.60	274.90	88.30	16.30	0.10	1283.10	1451.20	-11.60
26	2017	1.80		33.00	6.90	50.20	208.40	339.70	294.00	187.00	167.50	38.90	8.90	1336.40	1451.20	-7.90
27	2018		0.43	0.73	68.50	94.87	161.45	438.14	392.13	300.06	137.22	0.84	48.96	1643.33	1451.20	13.20
28	2019	1.24	20.28	24.40	37.88	85.07	148.31	309.38	443.35	356.39	184.04	15.67	1.77	1627.79	1451.20	12.17

~~MONTHLY RAINFALL~~

FIGURES IN MM

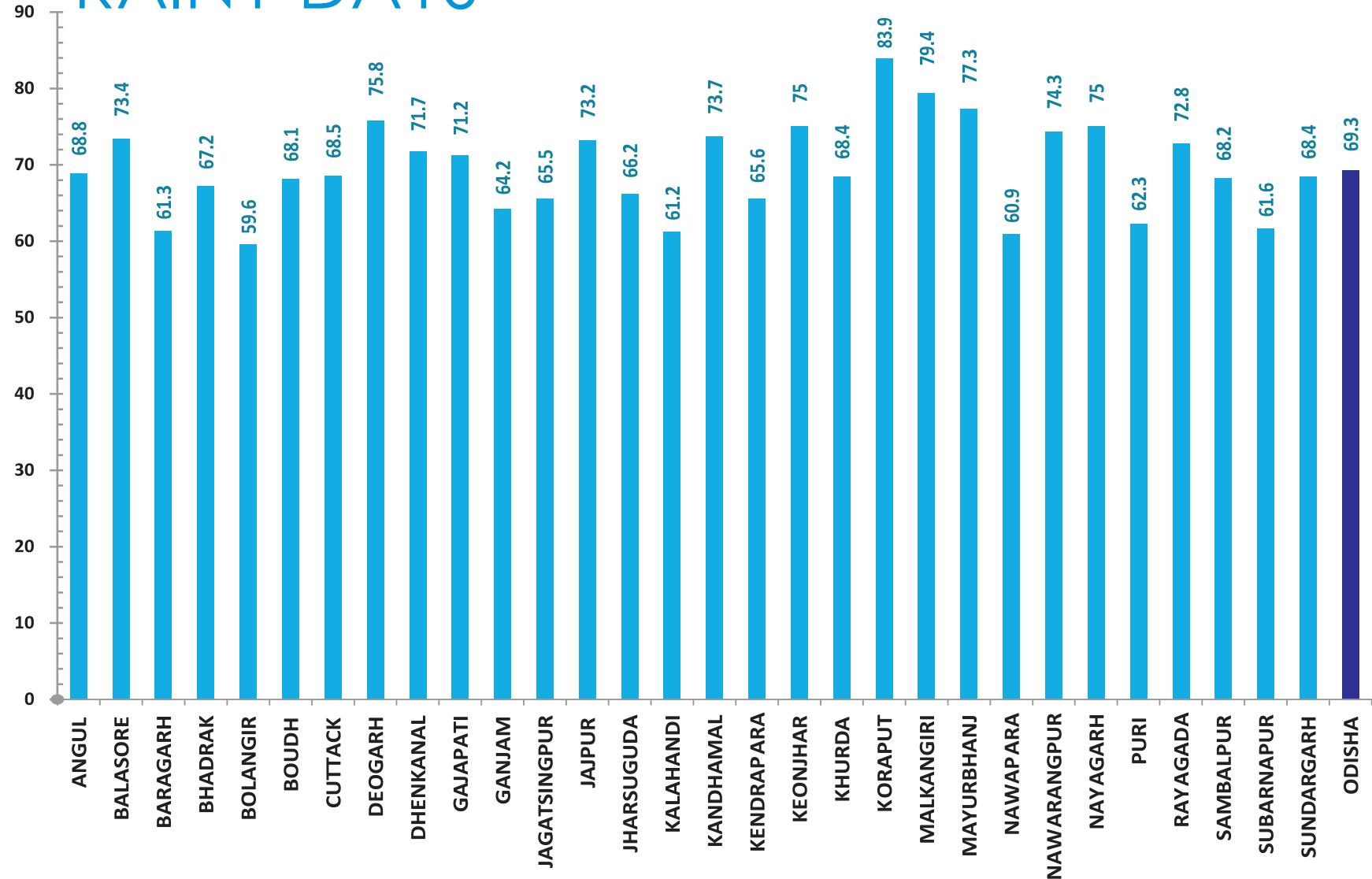
ACTUAL | NORMAL



DISTRICT AND MONTH WISE NORMAL NUMBER OF RAINY DAYS IN ODISHA

SL. NO.	DISTRICTS	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
1	ANGUL	0.9	1.7	1.8	2.0	3.7	10.2	15.6	15.3	11.2	5.0	1.1	0.3	68.8
2	BALASORE	0.9	1.9	2.2	3.5	5.8	10.2	13.9	15.1	12.2	6.2	1.2	0.3	73.4
3	BARAGARH	0.8	1.5	1.6	1.6	1.8	8.9	16.0	14.9	10.1	3.1	0.6	0.4	61.3
4	BHADRAK	0.8	1.7	2.1	3.1	5.1	9.8	13.3	13.2	10.8	5.6	1.4	0.3	67.2
5	BOLANGIR	0.6	1	1.2	1.2	1.9	9.2	15.0	14.6	10.4	3.9	0.4	0.2	59.6
6	BOUDH	0.9	1.7	1.5	1.3	2.7	9.6	16.2	17.4	10.8	4.5	1.2	0.3	68.1
7	CUTTACK	0.7	1.6	1.6	1.9	4.0	10.0	14.1	15.0	11.7	6.0	1.6	0.3	68.5
8	DEOGARH	1.0	1.8	1.5	1.9	3.0	10.6	18.6	18.5	12.6	5.1	0.8	0.4	75.8
9	DHENKANAL	0.8	1.3	2.1	2.5	4.6	10.8	15.0	16.0	11.7	5.2	1.5	0.2	71.7
10	GAJAPATI	0.6	1.5	2.4	4.2	6.1	9.5	12.3	13.2	12.0	7.0	2.1	0.3	71.2
11	GANJAM	0.7	1.5	1.9	2.8	4.1	8.8	11.8	12.5	10.6	6.9	2.1	0.5	64.2
12	JAGATSINGPUR	0.5	1.5	1.9	1.5	3.3	8.7	13.7	14.5	11.0	6.6	2.1	0.2	65.5
13	JAJPUR	0.8	1.5	1.8	2.7	5.3	10.8	15.3	15.1	11.9	6.2	1.5	0.3	73.2
14	JHARSUGUDA	1.0	1.7	1.4	1.5	2.3	9.5	17.4	16.3	10.6	3.5	0.6	0.4	66.2
15	KALAHANDI	0.5	1.1	1.4	2.0	2.7	9.7	14.5	14.8	9.9	3.8	0.7	0.1	61.2
16	KANDHAMAL	0.9	2.0	2.1	2.8	4.5	10.0	15.8	15.5	12.2	6.0	1.5	0.4	73.7
17	KENDRAPARA	0.6	1.6	1.5	2	4.1	9.1	13.3	13.9	11.0	6.6	1.6	0.3	65.6
18	KEONJHAR	0.9	2.1	2.4	2.8	5.7	11.0	15.5	16.1	12.0	5.1	1.1	0.3	75.0
19	KHURDA	0.7	1.6	1.5	1.8	3.8	9.5	14.0	14.8	11.8	6.8	1.8	0.3	68.4
20	KORAPUT	0.4	0.9	1.5	3.9	5.5	10.6	18.6	19.3	13.9	6.7	2.1	0.5	83.9
21	MALKANGIRI	0.3	0.4	0.8	2.6	3.5	9.9	19.6	20.0	14.4	6.2	1.5	0.2	79.4
22	MAYURBHANJ	0.8	1.8	2.6	3.2	5.7	11.3	16.5	16.2	12.1	5.5	1.1	0.5	77.3
23	NAWAPARA	0.8	1.2	1.3	1.6	2.0	9.4	15.4	14.4	10.1	3.7	0.8	0.2	60.9
24	NAWARANGPUR	0.5	1.2	1.1	2.8	4.5	10.9	16.9	18.0	12.3	4.8	1.0	0.3	74.3
25	NAYAGARH	0.9	1.9	2.3	2.8	4.2	10.5	15.4	15.7	12.8	6.6	1.5	0.4	75.0
26	PURI	0.6	1.3	1	1.1	3.0	8.2	12.5	13.1	11.8	7.3	2.0	0.4	62.3
27	RAYAGADA	0.6	1.7	2.7	3.8	4.8	10.4	14.7	15.3	11.0	5.8	1.6	0.4	72.8
28	SAMBALPUR	0.9	1.7	1.6	1.3	2.4	9.5	17.7	17.2	11.3	3.5	0.8	0.3	68.2
29	SUBARNAPUR	1.0	1.3	1.2	1.4	2.0	9.0	15.5	15.5	10.3	3.3	0.8	0.3	61.6
30	SUNDARGARH	1.1	1.7	1.3	1.4	3.0	10.0	16.8	17.2	11.1	3.8	0.6	0.4	68.4
ODISHA		0.7	1.5	1.7	2.4	4.0	9.9	15.3	15.6	11.6	5.5	1.3	0.3	69.3

DISTRICT WISE NOS OF RAINY DAYS



ONSET & WITHDRAWAL OF MONSOON IN ODISHA DURING LAST 50 YEARS

SL. NO.	YEAR	RAINFALL IN MM	DATE OF ONSET OF MONSOON	DATE OF WITHDRAWAL OF MONSOON
1	1970	1660	20 May	12 Oct
2	1971	1792	04 June	01 Nov
3	1972	1177	26 June	09 Oct
4	1973	1360	22 June	30 Oct
5	1974	951	23 June	19 Oct
6	1975	1325	18 June	31 Oct
7	1976	1012	06 June	28 Sep
8	1977	1327	13 June	06 Oct
9	1978	1261	15 June	22 Oct
10	1979	951	19 June	20 Oct
11	1980	1322	03 June	23 Oct
12	1981	1187	03 June	04 Oct
13	1982	1180	15 June	21 Sep
14	1983	1374	09 June	12 Oct
15	1984	1303	09 June	16 Oct
16	1985	1607	22 June	16 Oct
17	1986	1566	16 June	18 Oct
18	1987	1041	03 July	10 Oct
19	1988	1271	01 June	17 Oct
20	1989	1284	13 June	07 Oct
21	1990	1866	13 June	28 Sep
22	1991	1466	02 June	14 Oct
23	1992	1344	10 June	08 Oct
24	1993	1422	15 June	06 Nov
25	1994	1700	11 June	08 Oct

SL. NO.	YEAR	RAINFALL IN MM	DATE OF ONSET OF MONSOON	DATE OF WITHDRAWAL OF MONSOON
26	1995	1588	18 June	29 Oct
27	1996	990	21 June	24 Oct
28	1997	1493	18 June	09 Nov
29	1998	1278	13 June	15 Oct
30	1999	1436	05 June	23 Oct
31	2000	1035	06 June	05 Nov
32	2001	1616	11 June	13 Oct
33	2002	1008	10 June	19 Oct
34	2003	1664	20 June	13 Oct
35	2004	1274	15 June	11 Oct
36	2005	1520	23 June	10 Oct
37	2006	1682	06 June	13 Oct
38	2007	1592	14 June	15 Oct
39	2008	1524	09 June	13 Oct
40	2009	1363	26 June	20 Oct
41	2010	1293	17 June	26 Oct
42	2011	1338	16 June	23 Oct
43	2012	1384	17 June	18 Oct
44	2013	1653	14 June	20 Oct
45	2014	1609	18 June	17 Oct
46	2015	1225	19 June	16 Oct
47	2016	1283	17 June	15 Oct
48	2017	1336	14 June	16 Oct
49	2018	1643	12 June	05 Oct
50	2019	1628	21 June	14 Oct

Source : Agro-Meteorological Department, OUAT

ANNUAL RAINFALL COMPARED TO NORMAL AND THE YEARS OF NATURAL CALAMITY

Fig in mm

YEAR	NORMAL RAINFALL	ACTUAL RAINFALL	DEVIATION FROM NORMAL		NATURAL CALAMITIES
			in mm	in %	
1970	1502.5	1660.2	157.7	10.5	Flood
1971	1502.5	1791.5	289.0	19.2	Severe Cyclone, Flood
1972	1502.5	1177.1	-325.4	-21.7	Flood, Drought
1973	1502.5	1360.1	-142.4	-9.5	Flood
1974	1502.5	951.2	-551.3	-36.7	Severe Drought, Flood
1975	1502.5	1325.6	-176.9	-11.8	Flood
1976	1502.5	1012.5	-490.0	-32.6	Severe Drought
1977	1502.5	1326.9	-175.6	-11.7	Flood
1978	1502.5	1261.3	-241.2	-16.1	Hailstorm, Whirlwind, Tornado
1979	1502.5	950.7	-551.8	-36.7	Severe Drought
1980	1502.5	1321.7	-180.8	-12.0	Flood, Drought
1981	1502.5	1187.4	-315.1	-21.0	Whirlwind, Tornado, Flood, Drought
1982	1502.5	1179.9	-322.6	-21.5	Severe Flood, Drought, Cyclone
1983	1502.5	1374.1	-128.4	-8.5	
1984	1502.5	1302.8	-199.7	-13.3	Drought
1985	1502.5	1606.8	104.3	6.9	Flood
1986	1502.5	1566.1	63.6	4.2	
1987	1502.5	1040.8	-461.7	-30.7	Severe Drought
1988	1502.5	1270.5	-232.0	-15.4	
1989	1502.5	1283.9	-218.6	-14.5	
1990	1502.5	1865.8	363.3	24.2	Flood
1991	1502.5	1465.7	-36.8	-2.4	
1992	1502.5	1344.1	-158.4	-10.5	Flood & Drought
1993	1502.5	1421.6	-80.9	-5.4	
1994	1502.5	1700.2	197.7	13.2	
1995	1502.5	1588.0	85.5	5.7	
1996	1502.5	990.1	-512.4	-34.1	Severe Drought
1997	1502.5	1493.0	-9.5	-0.6	Drought
1998	1502.5	1277.5	-225.0	-15.0	Drought & Heat Wave
1999	1502.5	1435.7	-66.8	-4.4	Super Cyclone
2000	1502.5	1035.1	-467.4	-31.1	Drought
2001	1482.2	1616.2	134.0	9.0	Flood
2002	1482.2	1007.8	-474.4	-32.0	Drought
2003	1482.2	1663.5	181.3	12.2	Flood
2004	1482.2	1273.6	-208.6	-14.0	Flood
2005	1451.2	1519.5	68.3	4.7	Flood
2006	1451.2	1682.8	231.6	16.0	Flood
2007	1451.2	1591.5	140.3	9.7	Flood (July, August & September)
2008	1451.2	1523.6	72.4	5.0	Flood (July & September)
2009	1451.2	1362.6	-88.6	-6.1	Flood, Heavy Rain, Drought & Pest attack.
2010	1451.2	1293.0	-158.2	-10.9	Flood, Heavy Rain, Drought & Unseasonal Cyclonic Rain
2011	1451.2	1338.1	-113.1	-7.8	Drought & Flood
2012	1451.2	1384.1	-67.1	-4.6	Drought & Flood
2013	1451.2	1653.1	201.9	13.9	Very Severe Cyclonic Storm "Phailin"/Flood
2014	1451.2	1608.7	157.5	10.9	Very Severe Cyclonic Storm "Hudhud"/Flood
2015	1451.2	1224.8	-226.4	-15.6	Drought, Flood & Heavy Rain
2016	1451.2	1283.1	-168.1	-11.6	Drought, Flood & Heavy Rain
2017	1451.2	1336.4	-114.8	-7.9	Flood, Heavy Rain, Drought & Pest Attack, Unseasonal Rain
2018	1451.2	1643.3	192.1	13.2	Cyclonic Storm "Titli"
2019	1451.2	1627.8	176.6	12.2	Extremely Severe Cyclonic Storm "Fani" & "Bulbul"

SUPPLY OF SEEDS (IN QTL)

SEEDS	1995-96			1996-97			1997-98			1998-99		
	Kharif	Rabi	Total									
PADDY (HYV)	102040	11234	113274	106249	14289	120538	176373	18685	195058	209862	21774	231636
WHEAT		3400	3400		2830	2830		6830	6830		8092	8092
JOWAR				19		19				101		101
MAIZE	253	100	353	522		522				2067	1	2068
RAGI	17	6	23	101		101				51		51
MUNG	550	837	1387	1061	820	1881	1728	678	2406	695	2619	3314
BIRI	56	250	306	2052	1188	3240	1645	1282	2927	1455	2925	4380
ARHAR	645	3	648				3026		3026	1321		1321
GRAM		109	109		883	883		257	257		179	179
FIELD PEA		537	537		1751	1751		1100	1100		2283	2283
GROUNDNUT	2773	17085	19858	5904	45801	51705	8372	52712	61084	9255	44684	53939
SESAMUM		49	49	224	2	226	152	73	225	42	20	62
MUSTARD		907	907		2416	2416		2507	2507		1683	1683
NIGER	106		106	154		154	720		720	132		132
CASTER				50		50	182		182			
SUNFLOWER	3	61	64		119	119		247	247		466	466
SOYABEAN				3290		3290	2966		2966	2830		2830
LINSEED					3	3						
JUTE	791		791	702		702	716		716	937		937
MESTA	19		19	23		23	6		6			
SUNHEMP				6		6						
COTTON	95		95	343		343	775		775	799		799
DHANICHA	774		774	969		969	3218		3218	2285		2285
SAFFLOWER												

SUPPLY OF SEEDS (IN QTL)*Contd.*

SUPPLY OF SEEDS (IN QTL)*Contd.*

SEEDS	2003-04			2004-05			2005-06			2006-07		
	Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total
PADDY (HYV)	130841.6	14243.59	145085.2	117528.2	9898.5	127426.7	144851	15371.76	160222.7	145670.7	23793.69	169464.4
WHEAT		7939.75	7939.75		3914.14	3914.14		4357.39	4357.39		4338.29	4338.29
JOWAR												
MAIZE	251.22	12.1	263.32	200.65	13.58	214.23	274.75	1.35	276.1	328.59	88.14	416.73
RAGI	407.94	15.73	423.67	633.38	10.26	643.64	309.41	0.6	310.01	226.72	21.51	248.23
MUNG	596.61	426.24	1022.85	245.2	630.74	875.94	348.7	921.47	1270.17	1258.9	1923.89	3182.79
BIRI	485.44	1266.96	1752.4	336.04	778.2	1114.24	497	210.8	707.8	339.21	2555.44	2894.65
ARHAR	309.76		309.76	164.84		164.84	371.16		371.16	710.27		710.27
GRAM		3381.3	3381.3		4359.1	4359.1		3799.34	3799.34		2404	2404
FIELD PEA		878.41	878.41		567.6	567.6		650.58	650.58		991.7	991.7
GROUNDNUT	2686.13	54181.43	56867.56	2295.57	19222.42	21517.99	7563.29	49417.19	56980.48	8692.03	72669.04	81361.07
SESAMUM	10.11	88.8	98.91				20	1.19	21.19	14.83	17.46	32.29
MUSTARD		2197.44	2197.44		3064.23	3064.23		1457.38	1457.38		1593.89	1593.89
NIGER	5.55		5.55	41.31		41.31	80.14		80.14	101.69		101.69
CASTER	40		40	60		60	60		60	240		240
SUNFLOWER	100		100	40	79.13	119.13	60	98.72	158.72	101	344.6	445.6
SOYABEAN												
LINSEED											8.25	8.25
JUTE	397.5		397.5	391.28		391.28	400.89		400.89	509.19		509.19
MESTA												
SUNHEMP												
COTTON	215.97		215.97	58.17		58.17	189.12		189.12	45.96		45.96
DHANICHA	982.43		982.43	654.1		654.1	573.71		573.71	363.97		363.97
SAFFLOWER		4.50	4.50		4.56	4.56						

SUPPLY OF SEEDS (IN QTL)*Contd.*

SUPPLY OF SEEDS (IN QTL)*Contd.*

SEEDS	2011-12			2012-13			2013-14			2014-15		
	Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total
PADDY (HYV)	487220.83	34153.95	521374.78	492643.4	42485.15	535128.6	556938.4	82688.1	639626.5	574611	82655.91	657266.9
WHEAT		7059.96	7059.96		2249.68	2249.68		2088.33	2088.33		879.98	879.98
JOWAR												
MAIZE	4851.8	337.5	5189.3	8449.38	75	8524.38	7508.15	132.61	7640.76	14002.35	206.3	14208.65
RAGI	154.46		154.46	0.4	8.3	8.7	439.7	1.8	441.5	69.34	0.4	69.74
MUNG	876.3	2977.85	3854.15	610.44	4184.94	4795.38	1393.26	11763.71	13156.97	798.32	8513.27	9311.59
BIRI	1763.64	2381.62	4145.26	1293.56	1304.28	2597.84	987.76	3773.64	4761.4	2004.64	351.99	2356.63
ARHAR	1350.82		1350.82	1165.18		1165.18	2115.63		2115.63	1849.68		1849.68
GRAM		1105.05	1105.05		294.33	294.33		1602.95	1602.95		1133.97	1133.97
FIELD PEA		1707.85	1707.85		316.61	316.61		1179.3	1179.3		615.3	615.3
GROUNDNUT	14239.13	109578.62	123817.75	21261.05	101904.5	123165.5	24657.49	69090.43	93747.92	20919.1	27263.93	48183.03
SESAMUM	33.06	17.47	50.53		4.29	4.29		2.8	2.8	1.64	1	2.64
MUSTARD		4102.55	4102.55		2038.21	2038.21		6340.03	6340.03		2376.55	2376.55
NIGER	37.68		37.68	2.16		2.16	49.84		49.84	31.5		31.5
CASTER												
SUNFLOWER		758.12	758.12	20	909.9	929.9		473.3	473.3		253.68	253.68
SOYABEAN												
LINSEED												
JUTE	299.6		299.6	308.06		308.06	174.81		174.81	157.5		157.5
MESTA												
SUNHEMP				480.3		480.3						
COTTON	1336.53		1336.53	1424.21		1424.21	1710		1710	1820.19		1820.19
DHANICHA	3311.72		3311.72	2835.55		2835.55	6981.54		6981.54	840.4		840.4
SAFFLOWER												

SUPPLY OF SEEDS (IN QTL)Contd.

SEEDS	2015-16			2016-17			2017-18			2018-19			2019-20*		
	Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total
PADDY (HYV)	671561.3	38362.9	709924.2	526306.04	23613.43	549919.47	398072.59	17498.80	415571.39	447671.22	33655.48	481326.7	549523.6	31427.36	580951
WHEAT															
JOWAR															
MAIZE	6971.22	760.6	7731.82	18732.50	1164.64	19897.14	19216.22	97.50	19313.72	19307.79		19307.79	23534.64	685.42	24220.06
RAGI	28	1.56	29.56	114.32	31.60	145.92	396.76		396.76	240.3	7	247.3	602.68	0.2	602.88
MUNG	583.8	24404.44	24988.24	4376.70	16727.37	21104.07	441.56	21870.24	22311.80	1324.554	30499.76	31824.314	1373.08	17393.32	18766.4
BIRI	447.08	2584.28	3031.36	1639.12	3781.75	5420.87	1062.04	7083.96	8146.00	1131.28	6783.25	7914.53	884.32	3546.92	4431.24
ARHAR	170.87		170.87	2934.98		2934.98	1416.77		1416.77	891.46		891.46	1228.83		1228.83
GRAM		4219.76	4219.76		1104.66	1104.66		940.72	940.72		3579.62	3579.62		2112.09	2112.09
FIELD PEA		458.9	458.9		81.10	81.10		259.79	259.79		919	919		1009.3	1009.3
GROUNDNUT	4830.8	35487.01	40317.81	10501.10	17988.50	28489.60	4396.90	21717.20	26114.10	11801	32167.2	43968.2	4104.7	37160.8	41265.5
SESAMUM		69.56	69.56	23.00	83.06	106.06	43.00	303.81	346.81	94.6	167.95	262.55		206.07	206.07
MUSTARD		1946.84	1946.84		850.74	850.74		1400.86	1400.86		1492.26	1492.26		692.73	692.73
NIGER	14.4		14.4	12.42		12.42	33.40		33.40	49.17		49.17	15		15
CASTER															
SUNFLOWER		234.71	234.71		655.74	655.74		42.88	42.88		660.42	660.42		236.795	236.795
SOYABEAN															
LINSEED														10	10
JUTE	99.96		99.96				49.79		49.79	86.99		86.99	56.16		56.16
MESTA															
SUNHEMP														2	2
COTTON	1320.01		1320.01	2203.32		2203.32	2214.92		2214.92	1859.54		1859.54	2200.78		2200.78
DHANICHA	3432.3		3432.3	59.22		59.22	4526.12		4526.12				16104.6		16104.6
SAFFLOWER															

*Provisional

SEED REPLACEMENT RATE (%)

SL. NO.	YEAR	PADDY (HYV)	WHEAT	MAIZE	RAGI	MUNG	BIRI	ARHAR	GRAM	FIELD PEA	GROUNDNUT	SESAMUM	MUSTARD	NIGER	CASTER	SUNFLOWER	SOYABEAN	JUTE	MESTA	COTTON
1	1995-96	4.16	16.31	1.53	0.10	0.71	0.20	1.94	1.42	2.67	4.15	0.12	5.50	0.50		15.53		35.28	0.39	8.71
2	1996-97	4.67	10.10	2.18	0.50	0.88	1.86	0.26	8.83	7.24	9.34	0.60	12.53	0.66	1.14	12.41	100.00	28.65	0.41	21.84
3	1997-98	7.56	22.77	3.83		2.75	1.80	9.01	3.23	4.40	13.77	0.56	16.02	0.78	2.40	83.22	30.27	28.64	0.13	15.84
4	1998-99	8.72	47.60	8.67	0.02	2.43	3.80	4.75	2.79	13.42	13.53	0.21	29.68	1.00		77.66	100.00	66.92		27.55
5	1999-00	8.33	30.10	6.20	0.15	5.29	5.02	5.15	13.72	23.51	15.80	0.98	18.05	2.97		66.83		38.30		29.00
6	2000-01	8.28	50.12	10.97	0.87	5.32	3.86	1.67	2.39	13.42	15.74	1.19	17.35	0.85		19.49		35.43	0.52	88.23
7	2001-02	9.95	54.58	8.51	1.08	2.42	2.69	1.72	11.04	6.15	26.35	0.63	19.35	0.76		95.88		97.70	1.30	42.20
8	2002-03	5.53	40.05		1.21	1.20	3.40	3.23	15.62	4.73	16.17	0.67	28.76	0.46	1.40	15.25		33.29		36.72
9	2003-04	5.37	34.22	1.00	2.23	0.84	1.65	1.13	23.67	8.43	16.45	0.36	19.01	0.04	1.13	33.06		44.76		29.40
10	2004-05	4.73	19.57	0.77	3.32	0.69	1.05	0.64	26.42	5.16	6.18		27.86	0.34	1.67	30.28		43.48		6.32
11	2005-06	5.96	20.66	0.98	1.63	0.90	0.62	1.40	21.53	5.60	17.17	0.07	13.23	0.67	1.90	33.34		40.70		16.72
12	2006-07	6.35	20.66	1.39	1.31	2.15	2.42	2.68	13.05	8.44	22.89	0.10	14.45	1.02	5.74	60.71		42.86		3.85
13	2007-08	12.04	24.80	2.07	0.37	1.28	1.61	1.98	20.45	3.22	21.75	0.48	12.47	0.58	7.37	42.34		46.47	0.68	1.75
14	2008-09	15.05	34.22	1.89	0.26	1.27	4.40	2.40	25.83	11.38	23.53	0.13	18.13	1.04		15.86		45.84	4.07	0.60
15	2009-10	19.07	41.81	3.63	0.68	1.16	3.55	2.54	36.86	17.93	31.28	0.87	26.81	0.14		48.53		39.10	7.79	61.78
16	2010-11	20.64	29.96	20.86	0.65	4.39	3.72	1.43	5.32	12.82	29.70	1.08	30.03	0.12		100.00		32.85		66.80
17	2011-12	21.65	38.95	13.20	0.91	2.41	3.52	4.75	5.67	10.94	32.41	0.21	32.42	0.44		64.03		28.53		65.67
18	2012-13	22.15	12.61	20.25	0.05	2.88	2.19	4.14	1.43	1.99	31.17	0.02	17.52	0.03		70.67		30.76		60.01
19	2013-14	25.50	13.09	18.22	2.66	7.68	3.98	7.62	6.80	6.58	23.35	0.01	43.62	0.82		38.05		32.79		68.96
20	2014-15	31.55	6.96	35.16	0.44	5.36	2.07	6.71	4.80	3.42	12.39	0.01	19.48	0.48		23.18		34.72		71.55
21	2015-16	36.01		21.55	0.20	16.25	2.90	0.62	21.54	3.27	12.15	1.54	19.53	0.24		29.82		29.59		52.72
22	2016-17	27.75		52.59	1.05	12.63	5.12	10.83	5.48	0.48	9.05	0.52	7.70	0.21		72.78				81.01
23	2017-18	25.50	13.09	18.22	2.66	7.68	3.98	7.62	6.80	6.58	23.35	0.04	43.62	0.82		38.59		32.79		68.96
24	2018-19	24.01		51.20	2.10	19.01	8.09	3.09	23.42	5.82	15.26	1.29	14.04	0.98		81.31		21.81		58.89
25	2019-20*	28.39		63.54	5.18	11.37	5.10	4.78	15.18	6.04	16.05	1.26	6.43	0.30		19.28		15.34		64.90

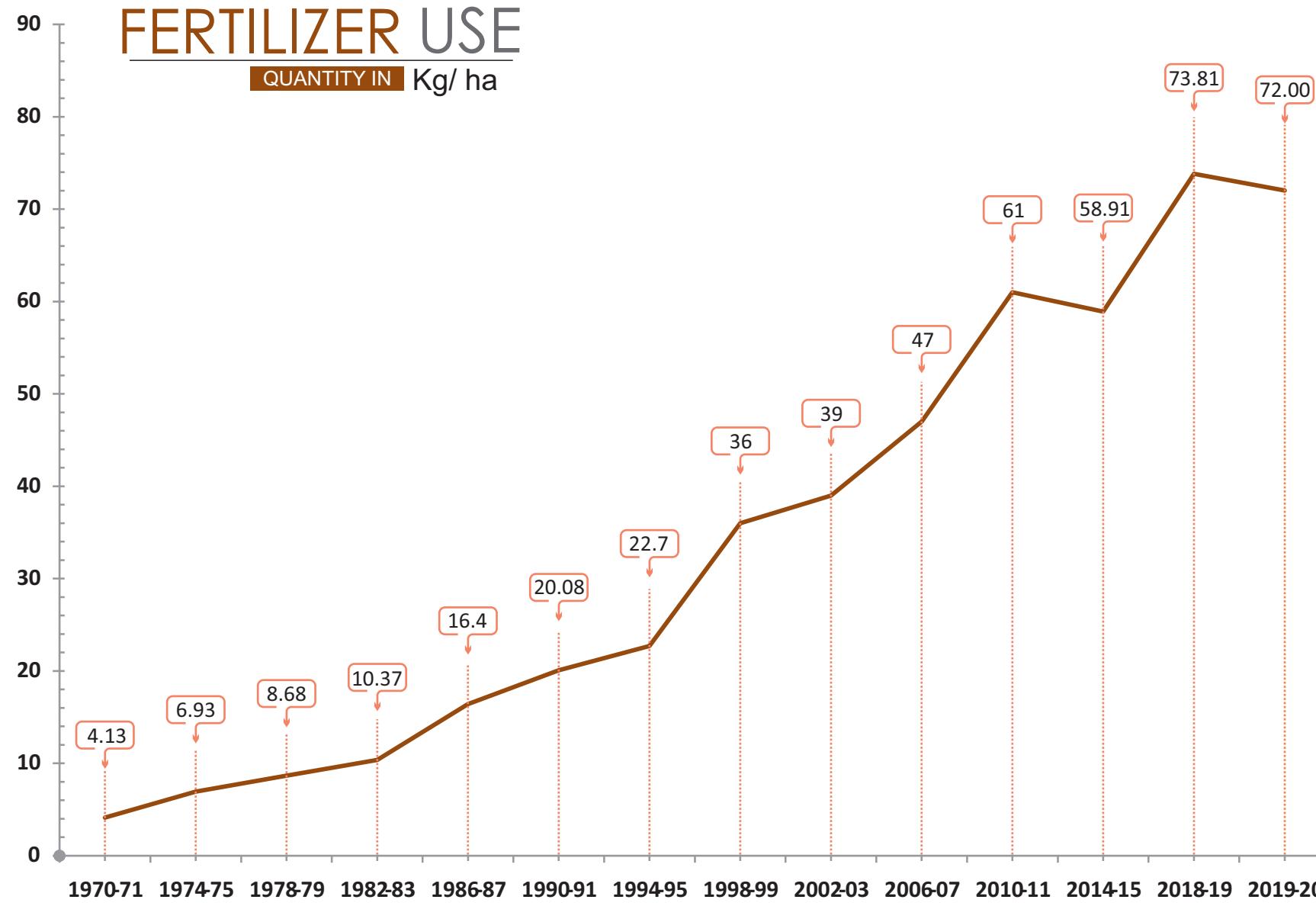
*Provisional

FERTILIZER USE IN ODISHA

('000 Tonnes)

YEAR	KHARIF				RABI				TOTAL				CONSUMPTION IN Kg/ha
	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total	
1970-71	--	--	--	--	--	--	--	--	20.32	5.50	2.10	27.92	4.13
1971-72	17.23	3.07	0.68	20.98	20.20	5.31	3.33	28.84	37.43	8.38	4.01	49.82	7.25
1972-73	14.55	3.48	1.90	19.93	25.96	6.50	3.96	36.42	40.51	9.98	5.86	56.35	8.12
1973-74	23.90	7.36	3.44	34.70	19.69	4.63	4.05	28.37	43.59	11.99	7.49	63.07	8.66
1974-75	15.11	3.29	3.09	21.49	19.22	5.79	3.11	28.12	34.33	9.08	6.20	49.61	6.93
1975-76	15.58	4.01	2.59	22.18	21.43	5.03	3.21	29.67	37.01	9.04	5.80	51.85	6.71
1976-77	20.69	5.12	3.37	29.18	23.22	5.87	3.68	32.77	43.91	10.99	7.05	61.95	8.59
1977-78	21.40	6.43	3.55	31.38	24.38	5.60	3.31	33.29	45.78	12.03	6.86	64.67	8.15
1978-79	21.94	6.77	4.16	32.87	27.94	7.03	3.95	38.92	49.88	13.80	8.11	71.79	8.68
1979-80	19.39	6.17	3.50	29.06	27.48	7.10	3.74	38.32	46.87	13.27	7.24	67.38	8.25
1980-81	22.63	7.58	4.38	34.59	29.05	8.28	4.44	41.77	51.68	15.86	8.82	76.36	8.73
1981-82	24.24	9.17	4.96	38.37	29.93	8.75	4.95	43.63	54.16	17.92	9.91	81.99	9.68
1982-83	24.66	8.82	5.05	38.52	32.19	9.40	5.56	47.14	56.84	18.22	10.60	85.66	10.37
1983-84	27.86	12.72	7.47	48.05	34.65	13.20	7.11	54.96	62.51	25.92	14.58	103.01	10.84
1984-85	37.23	13.96	7.70	58.89	33.19	13.43	8.75	55.37	70.42	27.39	16.45	114.26	12.69
1985-86	45.63	17.03	9.71	72.37	41.48	16.48	10.21	68.17	87.11	33.51	19.92	140.54	15.74
1986-87	44.75	18.04	11.03	73.82	52.10	19.50	12.64	84.24	96.85	37.54	23.67	158.06	16.40
1987-88	43.06	18.94	11.37	73.37	44.93	20.13	13.18	78.24	87.99	39.07	24.55	151.61	16.70
1988-89	76.87	28.66	17.01	122.54	46.62	18.88	13.90	79.40	123.49	47.54	30.91	201.94	22.00
1989-90	90.85	28.18	17.00	136.03	42.02	15.71	10.97	68.70	132.87	43.89	27.97	204.73	21.70
1990-91	85.41	22.98	12.79	121.18	41.24	18.06	12.18	71.48	126.65	41.04	24.97	192.66	20.08
1991-92	76.38	23.80	12.67	112.85	49.84	17.72	15.62	83.18	126.22	41.52	28.29	196.03	19.96
1992-93	94.38	27.35	15.30	137.03	48.21	11.73	5.98	65.92	142.59	39.08	21.28	202.95	21.55
1993-94	95.86	18.14	11.36	125.36	58.73	16.02	7.59	82.34	154.59	34.16	18.95	207.70	21.31
1994-95	94.88	17.70	12.47	125.05	66.89	15.59	12.46	94.94	161.77	33.29	24.93	219.99	22.70
1995-96	103.52	19.29	15.76	138.57	71.25	15.81	11.90	98.96	174.77	35.10	27.66	237.53	24.57
1996-97	117.40	30.40	17.11	164.91	60.96	12.76	12.13	85.85	178.36	43.16	29.24	250.76	30.52
1997-98	143.28	35.97	23.91	203.16	52.52	19.56	15.56	87.64	195.80	55.53	39.47	290.80	35.00
1998-99	140.31	41.34	19.81	201.46	54.22	19.06	24.40	97.68	194.53	60.40	44.21	299.14	36.00
1999-00	162.99	50.36	29.73	243.08	70.96	24.15	21.75	116.86	233.95	74.51	51.48	359.94	42.00
2000-01	161.66	53.20	30.59	245.45	45.77	18.00	9.99	73.76	207.43	71.20	40.58	319.21	41.00
2001-02	168.35	49.29	34.50	252.14	52.82	22.65	17.05	92.52	221.17	71.94	51.55	344.66	41.00
2002-03	139.64	44.18	27.26	211.08	45.77	18.68	15.03	79.48	185.41	62.86	42.29	290.56	39.00
2003-04	154.62	45.20	33.68	233.50	55.45	21.44	15.82	92.71	210.07	66.64	49.50	326.21	39.00
2004-05	163.18	49.77	34.52	247.47	60.35	28.22	19.25	107.83	223.53	77.99	53.77	355.30	43.00
2005-06	170.47	56.58	41.10	268.16	72.74	34.47	19.52	126.73	243.21	91.05	60.62	394.89	46.00
2006-07	185.10	64.55	32.13	281.79	71.44	28.21	21.43	121.09	256.54	92.77	53.57	402.90	47.00
2007-08	194.51	76.47	44.88	315.86	77.59	40.29	18.15	136.03	272.10	116.76	63.03	451.89	52.00
2008-09	210.35	89.83	60.97	361.15	87.41	58.09	28.19	173.69	297.76	147.92	89.16	534.84	62.00
2009-10	213.19	101.45	49.11	363.75	79.10	47.14	29.34	155.58	292.29	148.59	78.45	519.33	60.00
2010-11	208.37	110.81	65.10	384.28	86.35	43.16	24.06	153.57	294.72	153.97	89.16	537.85	61.00
2011-12	233.12	94.49	24.95	352.56	90.28	40.99	30.84	162.11	323.40	135.48	55.79	514.67	62.00
2012-13	220.24	80.13	33.88	334.25	94.80	44.05	17.10	155.95	315.04	124.18	50.98	490.20	58.74
2013-14	252.39	80.23	42.24	374.86	60.60	36.88	14.20	111.68	312.99	117.11	56.44	486.54	41.27
2014-15	216.78	83.97	41.03	341.78	97.28	42.25	18.21	157.74	314.06	126.22	59.24	499.52	58.91
2015-16	254.71	90.90	36.81	382.42	72.49	42.76	22.04	137.29	327.20	133.66	58.85	519.70	66.21
2016-17	232.35	91.14	42.45	365.94	68.74	37.81	15.66	122.21	301.09	128.95	58.11	488.15	61.03
2017-18	255.52	106.55	52.52	414.59	69.53	33.82	18.99	122.34	325.05	140.37	71.51	536.93	68.67
2018-19	254.56	114.97	52.71	422.24	95.27	37.38	22.05	154.69	349.83	152.34	74.76	576.93	73.81
2019-20	242.54	109.63	52.09	404.25	102.92	43.90	18.66	165.48	345.45	153.53	70.75	569.73	72.00*

*provisional



STATE-WISE CONSUMPTION OF FERTILIZERS IN TERMS OF NUTRIENTS (N, P & K)

in '000 Tonnes

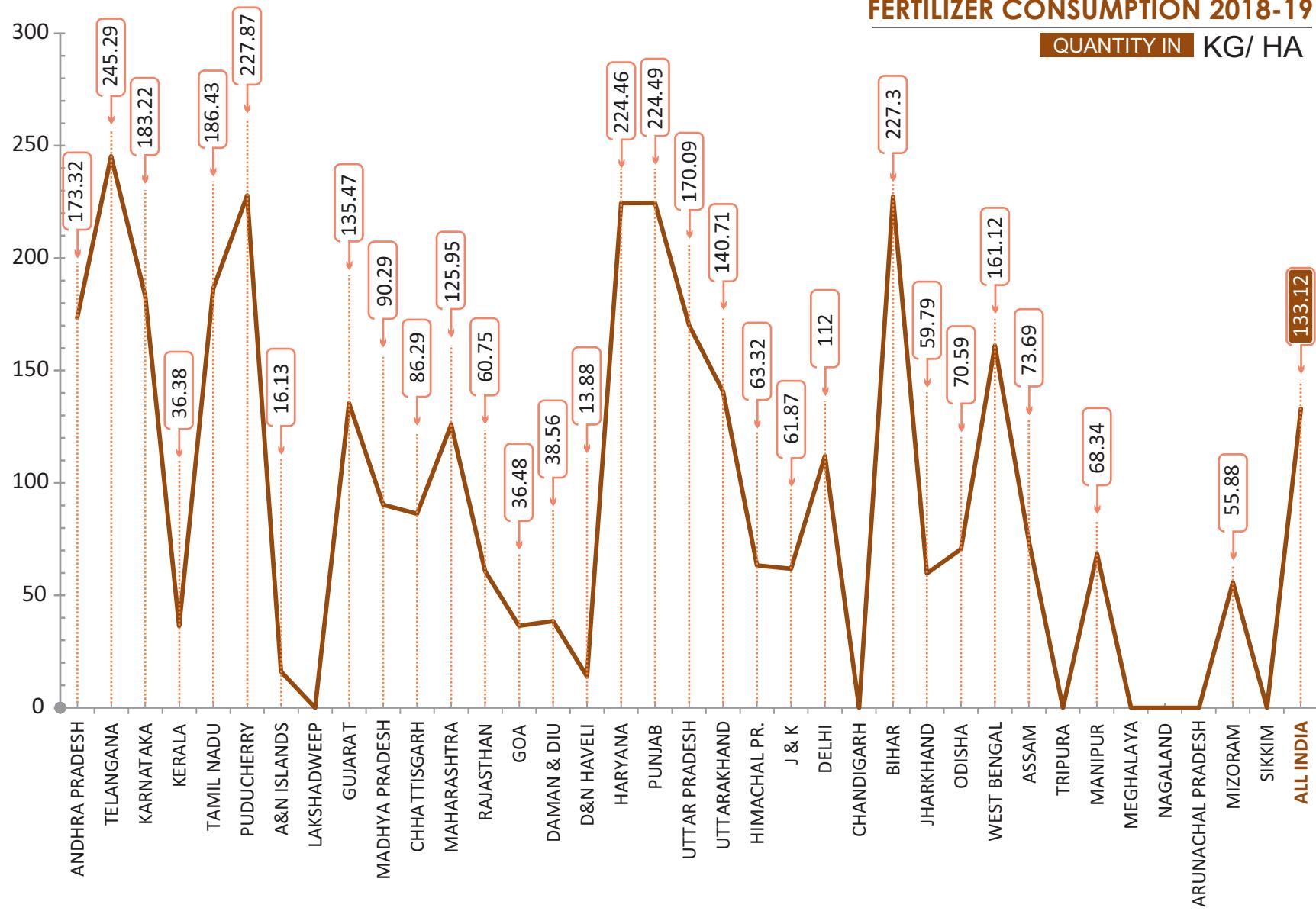
SL. NO.	STATE	2017-18					2018-19				
		N	P ₂ O ₅	K ₂ O	Total	Per Ha. Consum- ption (Kg)	N	P ₂ O ₅	K ₂ O	Total	Per Ha. Consum- ption (Kg)
1	Andhra Pradesh	919.68	423.41	220.93	1564.02	184.80	927.21	426.79	202.35	1556.35	173.32
2	Telangana	896.73	349.04	145.97	1391.74	252.96	888.27	343.14	114.50	1345.91	245.29
3	Karnataka	878.19	459.31	257.78	1595.28	164.46	936.35	536.19	307.05	1779.59	183.22
4	Kerala	138.21	43.30	60.47	241.98	47.62	73.11	40.80	67.88	181.79	36.38
5	Tamil Nadu	528.65	208.98	182.32	919.95	149.45	555.89	275.48	297.93	1129.30	186.43
6	Puducherry	7.56	1.50	1.37	10.43	268.88	6.49	1.34	1.23	9.06	227.87
7	A&N Islands	0.31	0.35	0.22	0.88	20.03	0.39	0.32	0.12	0.83	16.13
8	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Gujarat	1289.06	416.14	136.37	1841.57	144.73	1135.00	345.00	118.00	1598.00	135.47
10	Madhya Pradesh	1262.99	654.85	98.09	2015.93	81.99	1440.39	742.94	101.63	2284.96	90.29
11	Chhattisgarh	330.08	169.00	51.38	550.46	86.76	312.52	177.68	63.32	553.52	86.29
12	Maharashtra	1509.55	880.41	553.58	2943.54	123.94	1404.43	838.95	526.80	2770.18	125.95
13	Rajasthan	862.32	316.60	25.04	1203.96	47.40	1076.82	408.34	39.50	1524.66	60.75
14	Goa	1.66	1.31	0.95	3.92	39.08	1.61	1.24	0.84	3.69	36.48
15	Daman & Diu	0.14	0.00	0.00	0.14	35.90	0.14	0.01	0.00	0.15	38.56
16	D&N Haveli	0.30	0.21	0.00	0.51	31.72	0.15	0.08	0.00	0.23	13.88
17	Haryana	1049.27	280.27	46.21	1375.75	212.85	1101.36	302.21	48.68	1452.25	224.46
18	Punjab	1324.22	298.89	51.34	1674.45	213.79	1388.47	329.55	41.89	1759.91	224.49
19	Uttar Pradesh	3224.29	1191.64	239.07	4655.00	168.22	3480.82	1051.16	189.77	4721.75	170.09
20	Uttarakhand	150.16	24.61	7.95	182.72	152.05	132.77	27.01	9.67	169.45	140.71
21	Himachal Pr.	36.60	9.78	11.19	57.57	63.22	36.27	11.22	10.18	57.67	63.32
22	J & K	81.40	30.59	22.69	134.68	70.72	73.45	29.05	15.04	117.54	61.87
23	Delhi	5.87	1.55	0.16	7.58	77.01	9.80	1.21	0.00	11.01	112.00
24	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	Bihar	1113.22	386.24	158.11	1657.57	213.02	1187.70	395.57	148.45	1731.72	227.30
26	Jharkhand	92.53	70.61	14.64	177.78	50.58	127.59	48.33	6.14	182.06	59.79
27	Odisha	325.05	140.37	71.51	536.93	68.67	349.82	152.35	74.76	576.93	70.59
28	West Bengal	746.79	436.10	368.06	1550.95	162.94	770.71	427.98	336.61	1535.30	161.12
29	Assam	156.78	50.10	45.00	251.88	63.49	193.32	46.61	50.15	290.08	73.69
30	Tripura	9.17	3.23	3.31	15.71	27.44	0.00	0.00	0.00	0.00	0.00
31	Manipur	11.28	4.82	4.56	20.66	58.04	12.78	6.03	5.37	24.18	68.34
32	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	Nagaland	1.26	0.84	0.56	2.66	0.00	0.00	0.00	0.00	0.00	0.00
34	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	Mizoram	4.70	0.00	0.00	4.70	36.83	4.58	1.36	1.19	7.13	55.88
36	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALL INDIA		16958.02	6854.05	2778.83	26590.90	127.88	17628.21	6967.94	2779.05	27375.20	133.12

Source- Agricultural Statistics at a Glance-2019, Directorate of Economics & Statistics, GOI.

STATE WISE

FERTILIZER CONSUMPTION 2018-19

QUANTITY IN KG/ HA



NPK USE RATIO OF ODISHA IN DIFFERENT YEARS

SL. NO.	YEAR	KHARIF	RABI	TOTAL
1	1970-71	-- -- --	-- -- --	9.7 : 2.6 : 1
2	1971-72	25.3 : 4.5 : 1	6.1 : 1.6 : 1	9.3 : 2.1 : 1
3	1972-73	7.7 : 1.8 : 1	6.6 : 1.6 : 1	6.9 : 1.7 : 1
4	1973-74	6.9 : 2.1 : 1	4.9 : 1.1 : 1	5.8 : 1.6 : 1
5	1974-75	4.9 : 1.1 : 1	6.2 : 1.9 : 1	5.5 : 1.5 : 1
6	1975-76	6.0 : 1.5 : 1	6.7 : 1.6 : 1	6.4 : 1.6 : 1
7	1976-77	6.1 : 1.5 : 1	6.3 : 1.6 : 1	6.2 : 1.6 : 1
8	1977-78	6.0 : 1.8 : 1	7.4 : 1.7 : 1	6.7 : 1.8 : 1
9	1978-79	5.3 : 1.6 : 1	7.1 : 1.8 : 1	6.2 : 1.7 : 1
10	1979-80	5.5 : 1.8 : 1	7.3 : 1.9 : 1	6.5 : 1.8 : 1
11	1980-81	5.2 : 1.7 : 1	6.5 : 1.9 : 1	5.9 : 1.8 : 1
12	1981-82	4.9 : 1.9 : 1	6.0 : 1.8 : 1	5.5 : 1.8 : 1
13	1982-83	4.9 : 1.7 : 1	5.8 : 1.7 : 1	5.4 : 1.7 : 1
14	1983-84	3.7 : 1.7 : 1	4.9 : 1.9 : 1	4.3 : 1.8 : 1
15	1984-85	4.8 : 1.8 : 1	3.8 : 1.5 : 1	4.3 : 1.7 : 1
16	1985-86	4.7 : 1.8 : 1	4.1 : 1.6 : 1	4.4 : 1.7 : 1
17	1986-87	4.1 : 1.6 : 1	4.1 : 1.5 : 1	4.1 : 1.6 : 1
18	1987-88	3.8 : 1.7 : 1	3.4 : 1.5 : 1	3.6 : 1.6 : 1
19	1988-89	4.5 : 1.7 : 1	3.4 : 1.4 : 1	4.0 : 1.5 : 1
20	1989-90	5.3 : 1.7 : 1	3.8 : 1.4 : 1	4.8 : 1.6 : 1
21	1990-91	6.7 : 1.8 : 1	3.4 : 1.5 : 1	5.1 : 1.6 : 1
22	1991-92	6.0 : 1.9 : 1	3.2 : 1.1 : 1	4.5 : 1.5 : 1
23	1992-93	6.2 : 1.8 : 1	8.1 : 2.0 : 1	6.7 : 1.8 : 1
24	1993-94	8.4 : 1.6 : 1	7.7 : 2.1 : 1	8.2 : 1.8 : 1
25	1994-95	7.6 : 1.4 : 1	5.4 : 1.3 : 1	6.5 : 1.3 : 1
26	1995-96	6.6 : 1.2 : 1	6.0 : 1.3 : 1	6.3 : 1.3 : 1
27	1996-97	6.9 : 1.8 : 1	5.0 : 1.1 : 1	6.1 : 1.5 : 1
28	1997-98	6.0 : 1.5 : 1	3.4 : 1.3 : 1	5.0 : 1.4 : 1
29	1998-99	7.1 : 2.1 : 1	2.2 : 0.8 : 1	4.4 : 1.4 : 1
30	1999-00	5.5 : 1.7 : 1	3.3 : 1.1 : 1	4.5 : 1.4 : 1
31	2000-01	5.3 : 1.7 : 1	4.6 : 1.8 : 1	5.1 : 1.8 : 1
32	2001-02	4.9 : 1.4 : 1	3.1 : 1.3 : 1	4.3 : 1.4 : 1
33	2002-03	5.1 : 1.6 : 1	3.0 : 1.2 : 1	4.4 : 1.5 : 1
34	2003-04	4.6 : 1.3 : 1	3.5 : 1.4 : 1	4.2 : 1.3 : 1
35	2004-05	4.7 : 1.4 : 1	3.1 : 1.5 : 1	4.2 : 1.5 : 1
36	2005-06	4.1 : 1.4 : 1	3.7 : 1.8 : 1	4.0 : 1.5 : 1
37	2006-07	5.8 : 2.0 : 1	3.3 : 1.3 : 1	4.8 : 1.7 : 1
38	2007-08	4.3 : 1.7 : 1	4.3 : 2.2 : 1	4.3 : 1.9 : 1
39	2008-09	3.5 : 1.5 : 1	3.1 : 2.1 : 1	3.3 : 1.7 : 1
40	2009-10	4.3 : 2.1 : 1	2.7 : 1.6 : 1	3.7 : 1.9 : 1
41	2010-11	3.2 : 1.7 : 1	3.6 : 1.8 : 1	3.3 : 1.7 : 1
42	2011-12	9.3 : 3.8 : 1	2.9 : 1.3 : 1	5.8 : 2.4 : 1
43	2012-13	6.5 : 2.4 : 1	5.5 : 2.6 : 1	6.2 : 2.4 : 1
44	2013-14	6.0 : 1.9 : 1	4.3 : 2.6 : 1	5.5 : 2.1 : 1
45	2014-15	5.3 : 2.0 : 1	5.3 : 2.3 : 1	5.3 : 2.1 : 1
46	2015-16	6.9 : 2.5 : 1	3.3 : 1.9 : 1	5.6 : 2.3 : 1
47	2016-17	5.5 : 2.1 : 1	4.4 : 2.4 : 1	5.2 : 2.2 : 1
48	2017-18	4.9 : 2.0 : 1	3.7 : 1.8 : 1	4.5 : 2.0 : 1
49	2018-19	4.8 : 2.2 : 1	4.3 : 1.7 : 1	4.7 : 2.0 : 1
50	2019-20	4.7 : 2.1 : 1	5.5 : 2.4 : 1	4.9 : 2.2 : 1

SOURCE WISE IRRIGATION DURING KHARIF & RABI IN ODISHA (POTENTIAL CREATED)

Area in '000 ha.

YEAR	MAJOR & MEDIUM IRRIGATION PROJECT		MEGA LIFT PROJECT		MINOR IRRIGATION PROJECT (FLOW)		MINOR IRRIGATION PROJECT (LIFT)	
	Kharif	Rabi	Kharif	Rabi	Kharif	Rabi	Kharif	Rabi
1975-76	654.89	225.56	*	*	233.44	57.49	1.76	14.73
1976-77	673.69	247.42	*	*	271.42	34.74	8.93	18.31
1977-78	692.01	286.97	*	*	279.29	37.97	4.84	18.72
1978-79	704.58	338.25	*	*	288.04	40.99	3.14	17.39
1979-80	731.17	347.29	*	*	267.12	16.51	13.89	24.81
1980-81	750.00	359.71	*	*	270.45	16.37	7.19	25.40
1981-82	750.00	359.71	*	*	270.45	16.37	7.19	25.40
1982-83	817.94	368.89	*	*	299.97	13.77	35.31	54.36
1983-84	750.00	359.71	*	*	270.45	16.37	7.19	25.40
1984-85	849.28	286.53	*	*	323.63	13.90	27.02	69.41
1985-86	861.93	396.67	*	*	329.58	15.95	208.71	125.22
1986-87	868.12	396.67	*	*	329.58	15.95	220.29	132.16
1987-88	877.22	399.49	*	*	331.18	58.06	230.31	138.18
1988-89	891.05	402.86	*	*	368.53	59.88	239.23	143.55
1989-90	927.43	432.18	*	*	376.12	60.94	204.92	218.37
1990-91	937.07	434.38	*	*	377.81	60.96	264.31	158.60
1991-92	953.00	439.77	*	*	380.69	61.39	274.53	164.72
1992-93	967.07	443.26	*	*	386.10	61.90	280.12	168.07
1993-94	977.29	445.79	*	*	396.06	62.39	280.12	168.07
1994-95	992.69	448.24	*	*	409.93	63.79	350.56	206.28
1995-96	1028.17	459.21	*	*	401.91	64.18	301.66	181.00
1996-97	1073.41	468.47	*	*	422.80	67.72	314.24	188.55
1997-98	1111.40	467.36	*	*	434.63	69.46	325.53	195.32
1998-99	1117.63	470.08	*	*	438.89	69.94	323.50	194.14
1999-00	1155.67	467.36	*	*	441.34	70.00	330.54	197.31
2000-01	1176.13	499.77	*	*	450.37	70.00	335.93	201.56
2001-02	1190.55	535.95	*	*	455.63	71.32	337.19	202.32
2002-03	1204.76	535.95	*	*	464.49	71.32	347.39	208.44
2003-04	1234.85	563.23	*	*	497.50	71.35	364.31	218.59
2004-05	1238.16	563.23	*	*	497.50	71.35	364.31	218.59
2005-06	1240.04	563.23	*	*	497.50	71.35	390.46	234.28
2006-07	1250.50	563.23	*	*	519.02	71.35	421.19	234.28
2007-08	1260.91	563.23	*	*	529.23	71.35	442.30	234.28
2008-09	1285.93	563.73	*	*	541.71	73.48	473.66	269.63
2009-10	1322.00	601.60	*	*	551.11	74.42	492.94	276.96
2010-11	1349.50	616.73	*	*	561.81	74.53	507.55	285.72
2011-12	1364.20	623.36	*	*	576.23	75.02	533.93	302.06
2012-13	1369.45	627.25	*	*	594.72	76.87	549.34	311.44
2013-14	1382.68	631.80	*	*	604.50	77.85	708.14	350.99
2014-15	1390.60	636.90	*	*	615.01	78.91	794.23	389.61
2015-16	1399.83	641.45	2.75	0	629.64	80.37	904.23	439.40
2016-17	1403.83	643.53	7.25	0	663.46	85.64	998.47	484.53
2017-18	1425.57	652.45	53.67	0	704.17	89.71	1104.93	534.28
2018-19	1445.70	662.34	94.65	0	717.74	91.07	1167.14	565.38
2019-20	1465.35	672.85	124.71	0	730.59	92.35	1222.67	592.58

* Project not started

SOURCE WISE IRRIGATION DURINGContd.
(POTENTIAL CREATED)

Area in '000 ha.

YEAR	MINOR IRRIGATION PROJECT (TOTAL)		OTHER SOURCES		TOTAL FROM ALL SOURCES	
	Kharif	Rabi	Kharif	Rabi	Kharif	Rabi
1975-76	235.20	72.22	124.84	65.97	1014.93	363.75
1976-77	280.35	53.05	95.33	13.47	1049.37	313.94
1977-78	284.13	56.69	95.29	13.47	1071.43	357.13
1978-79	291.18	58.38	137.49	43.63	1133.25	440.26
1979-80	281.01	41.32	158.51	64.67	1170.69	453.28
1980-81	277.64	41.77	168.89	85.73	1196.53	487.21
1981-82	277.64	41.77	168.89	85.73	1196.53	487.21
1982-83	335.28	68.13	168.89	85.74	1322.11	522.76
1983-84	277.64	41.77	294.47	121.28	1322.11	522.76
1984-85	350.65	83.31	176.16	177.52	1376.09	547.36
1985-86	538.29	141.17	272.55	259.03	1672.77	796.87
1986-87	549.87	148.11	306.03	273.64	1724.02	818.42
1987-88	561.49	196.24	288.07	217.25	1726.78	812.98
1988-89	607.76	203.43	331.36	305.07	1830.17	911.36
1989-90	581.04	279.31	416.74	281.27	1925.21	992.76
1990-91	642.12	219.56	355.08	354.88	1934.27	1008.82
1991-92	655.22	226.11	394.32	322.78	2002.54	988.66
1992-93	666.22	229.97	436.87	368.78	2070.16	1042.01
1993-94	676.18	230.46	436.87	368.78	2090.34	1045.03
1994-95	760.49	270.07	452.88	369.77	2206.06	1088.08
1995-96	703.57	245.18	452.86	369.82	2184.60	1074.21
1996-97	737.04	256.27	452.86	369.82	2263.31	1094.56
1997-98	760.16	264.78	452.86	369.82	2324.42	1101.96
1998-99	762.39	264.08	452.86	369.82	2332.88	1103.98
1999-00	771.88	267.31	453.19	369.82	2380.74	1104.49
2000-01	786.30	271.56	557.90	308.04	2520.33	1079.37
2001-02	792.82	273.64	557.90	308.04	2541.27	1117.63
2002-03	811.88	279.76	557.90	308.04	2574.54	1123.75
2003-04	861.81	289.94	557.90	308.04	2654.56	1161.21
2004-05	861.81	289.94	564.97	413.05	2664.94	1266.22
2005-06	887.96	305.63	567.43	426.06	2695.43	1294.92
2006-07	940.21	305.63	530.79	449.66	2721.50	1318.52
2007-08	971.53	305.63	533.28	460.81	2765.72	1329.67
2008-09	1015.37	343.11	565.71	500.34	2867.01	1407.18
2009-10	1044.05	351.38	596.16	523.83	2962.21	1476.81
2010-11	1069.36	360.25	616.99	501.00	3035.85	1477.97
2011-12	1110.16	377.08	589.32	528.43	3063.68	1528.87
2012-13	1144.07	388.31	616.99	558.00	3130.51	1573.56
2013-14	1312.63	428.84	657.63	591.14	3352.94	1651.79
2014-15	1409.24	468.51	677.20	597.05	3477.05	1702.47
2015-16	1533.87	519.77	710.96	592.83	3647.40	1754.05
2016-17	1661.93	570.16	752.63	654.45	3825.64	1868.14
2017-18	1809.10	623.98	758.95	592.83	4047.30	1869.26
2018-19	1884.88	656.45	764.02	592.83	4189.25	1911.62
2019-20	1953.26	684.93	721.86	562.71	4265.18	1920.49

**CROP LOAN & TERM LOAN DISBURSEMENT FROM
FY 2000-01 TO 2019-20**

YEAR	BANK	AMOUNT DISBURSEMENT IN CROP LOAN (RS. IN CRORE)	AMOUNT DISBURSEMENT IN TERM LOAN (RS. IN CRORE)
2000-01	PUBLIC SECTOR BANK	97.21	109.02
	PRIVATE SECTOR BANK	0.00	0.00
	REGIONAL RURAL BANK	92.64	41.78
	CO-OPERATIVE BANK	421.33	21.05
	OTHERS (REST)	0.08	0.10
	TOTAL	611.26	171.95
2001-02	PUBLIC SECTOR BANK	148.34	118.06
	PRIVATE SECTOR BANK	0.00	0.00
	REGIONAL RURAL BANK	95.57	34.23
	CO-OPERATIVE BANK	509.73	22.52
	OTHERS (REST)	0.17	0.37
	TOTAL	753.81	175.18
2002-03	PUBLIC SECTOR BANK	188.11	94.56
	PRIVATE SECTOR BANK	0.00	0.00
	REGIONAL RURAL BANK	110.23	38.91
	CO-OPERATIVE BANK	623.45	17.45
	OTHERS (REST)	0.00	0.00
	TOTAL	921.79	150.92
2003-04	PUBLIC SECTOR BANK	238.68	89.52
	PRIVATE SECTOR BANK	17.39	35.31
	REGIONAL RURAL BANK	150.89	16.76
	CO-OPERATIVE BANK	716.79	7.24
	OTHERS (REST)	0.00	0.00
	TOTAL	1123.75	148.83
2004-05	PUBLIC SECTOR BANK	277.23	112.07
	PRIVATE SECTOR BANK	5.89	40.49
	REGIONAL RURAL BANK	201.78	21.22
	CO-OPERATIVE BANK	1012.77	26.12
	OTHERS (REST)	0.00	0.00
	TOTAL	1497.67	199.90
2005-06	PUBLIC SECTOR BANK	413.81	406.69
	PRIVATE SECTOR BANK	4.15	17.65
	REGIONAL RURAL BANK	310.97	104.38
	CO-OPERATIVE BANK	1382.17	60.89
	OTHERS (REST)	0.00	0.00
	TOTAL	2111.10	589.61
2006-07	PUBLIC SECTOR BANK	508.83	639.41
	PRIVATE SECTOR BANK	44.53	166.34
	REGIONAL RURAL BANK	386.06	130.86

YEAR	BANK	AMOUNT DISBURSEMENT IN CROP LOAN (RS. IN CRORE)	AMOUNT DISBURSEMENT IN TERM LOAN (RS. IN CRORE)
	CO-OPERATIVE BANK	1554.26	27.97
	OTHERS (REST)	0.00	0.00
	TOTAL	2493.68	964.58
2007-08	PUBLIC SECTOR BANK	630.70	738.76
	PRIVATE SECTOR BANK	70.70	73.71
	REGIONAL RURAL BANK	390.43	128.31
	CO-OPERATIVE BANK	1574.01	50.66
	OTHERS (REST)	0.00	0.00
	TOTAL	2665.84	991.44
2008-09	PUBLIC SECTOR BANK	843.78	577.98
	PRIVATE SECTOR BANK	24.72	36.33
	REGIONAL RURAL BANK	398.83	125.28
	CO-OPERATIVE BANK	1346.85	96.77
	OTHERS (REST)	0.00	0.00
	TOTAL	2614.18	836.36
2009-10	PUBLIC SECTOR BANK	901.03	508.11
	PRIVATE SECTOR BANK	24.52	646.61
	REGIONAL RURAL BANK	507.28	159.29
	CO-OPERATIVE BANK	2512.08	104.58
	OTHERS (REST)	0.00	0.00
	TOTAL	3944.91	1418.59
2010-11	PUBLIC SECTOR BANK	1104.51	760.65
	PRIVATE SECTOR BANK	16.54	31.52
	REGIONAL RURAL BANK	756.47	225.14
	CO-OPERATIVE BANK	3571.26	285.72
	OTHERS (REST)	0.00	0.00
	TOTAL	5448.78	1303.03
2011-12	PUBLIC SECTOR BANK	1439.05	1009.96
	PRIVATE SECTOR BANK	78.92	259.34
	REGIONAL RURAL BANK	752.34	229.04
	CO-OPERATIVE BANK	4581.61	169.41
	OTHERS (REST)	0.00	0.00
	TOTAL	6851.92	1667.75
2012-13	PUBLIC SECTOR BANK	2076.93	1352.32
	PRIVATE SECTOR BANK	216.47	238.87
	REGIONAL RURAL BANK	882.28	265.29
	CO-OPERATIVE BANK	5281.34	140.64
	OTHERS (REST)	0.00	0.00
	TOTAL	8457.02	1997.12
2013-14	PUBLIC SECTOR BANK	2642.77	1769.38
	PRIVATE SECTOR BANK	271.78	467.69

YEAR	BANK	AMOUNT DISBURSEMENT IN CROP LOAN (RS. IN CRORE)	AMOUNT DISBURSEMENT IN TERM LOAN (RS. IN CRORE)
2014-15	REGIONAL RURAL BANK	823.67	138.46
	CO-OPERATIVE BANK	5178.24	1289.66
	OTHERS (REST)	0.00	0.00
	TOTAL	8916.46	3665.19
2014-15	PUBLIC SECTOR BANK	3024.52	2237.54
	PRIVATE SECTOR BANK	352.76	821.56
	REGIONAL RURAL BANK	1163.61	234.66
	CO-OPERATIVE BANK	6762.14	431.44
	OTHERS (REST)	0.00	0.00
	TOTAL	11303.02	3725.20
2015-16	PUBLIC SECTOR BANK	4583.85	2524.83
	PRIVATE SECTOR BANK	666.76	1288.86
	REGIONAL RURAL BANK	1270.30	206.87
	CO-OPERATIVE BANK	9347.76	1759.78
	OTHERS (REST)	0.00	0.00
	TOTAL	15868.66	5780.35
2016-17	PUBLIC SECTOR BANK	3333.90	2537.69
	PRIVATE SECTOR BANK	818.90	1419.58
	REGIONAL RURAL BANK	1177.64	216.63
	CO-OPERATIVE BANK	10203.79	276.89
	OTHERS (REST)	0.00	0.00
	TOTAL	15534.23	4450.79
2017-18	PUBLIC SECTOR BANK	3915.19	3766.85
	PRIVATE SECTOR BANK	428.73	2017.7
	REGIONAL RURAL BANK	1180.08	200.28
	CO-OPERATIVE BANK	11005.80	149.39
	OTHERS (REST)	0.00	0.00
	TOTAL	16529.80	6134.22
2018-19	PUBLIC SECTOR BANK	3973.07	3484.02
	PRIVATE SECTOR BANK	584.19	3204.84
	REGIONAL RURAL BANK	1364.88	291.09
	CO-OPERATIVE BANK	12810.33	235.04
	OTHERS (REST)	0.00	406.05
	TOTAL	18732.47	7621.04
2019-20	PUBLIC SECTOR BANK	5384.04	3769.4
	PRIVATE SECTOR BANK	481.69	3490.14
	REGIONAL RURAL BANK	1487.28	210.63
	CO-OPERATIVE BANK	13079.68	226.41
	OTHERS (REST)	0.00	551.46
	TOTAL	20432.69	8248.04

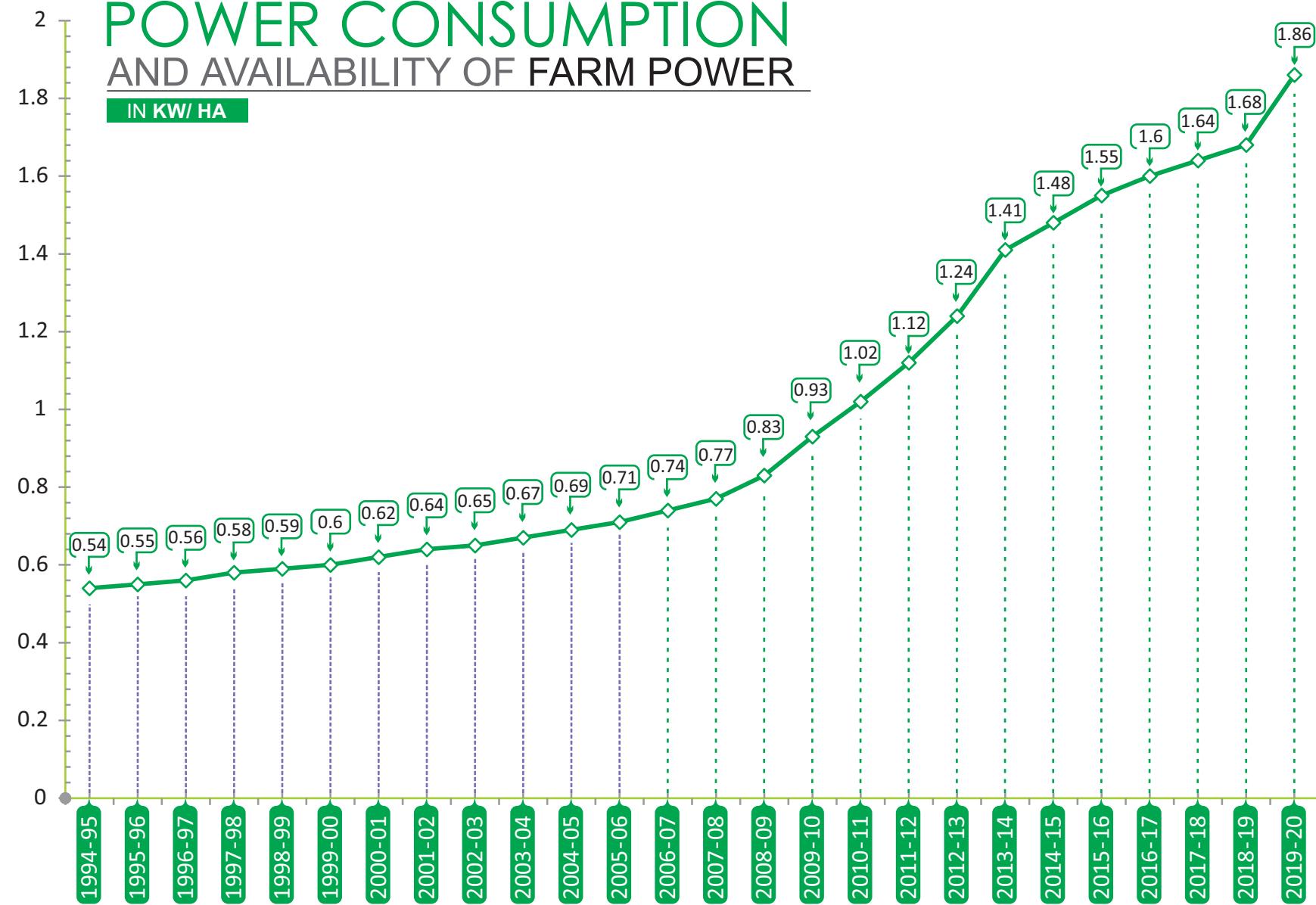
Source : SLBC Odisha

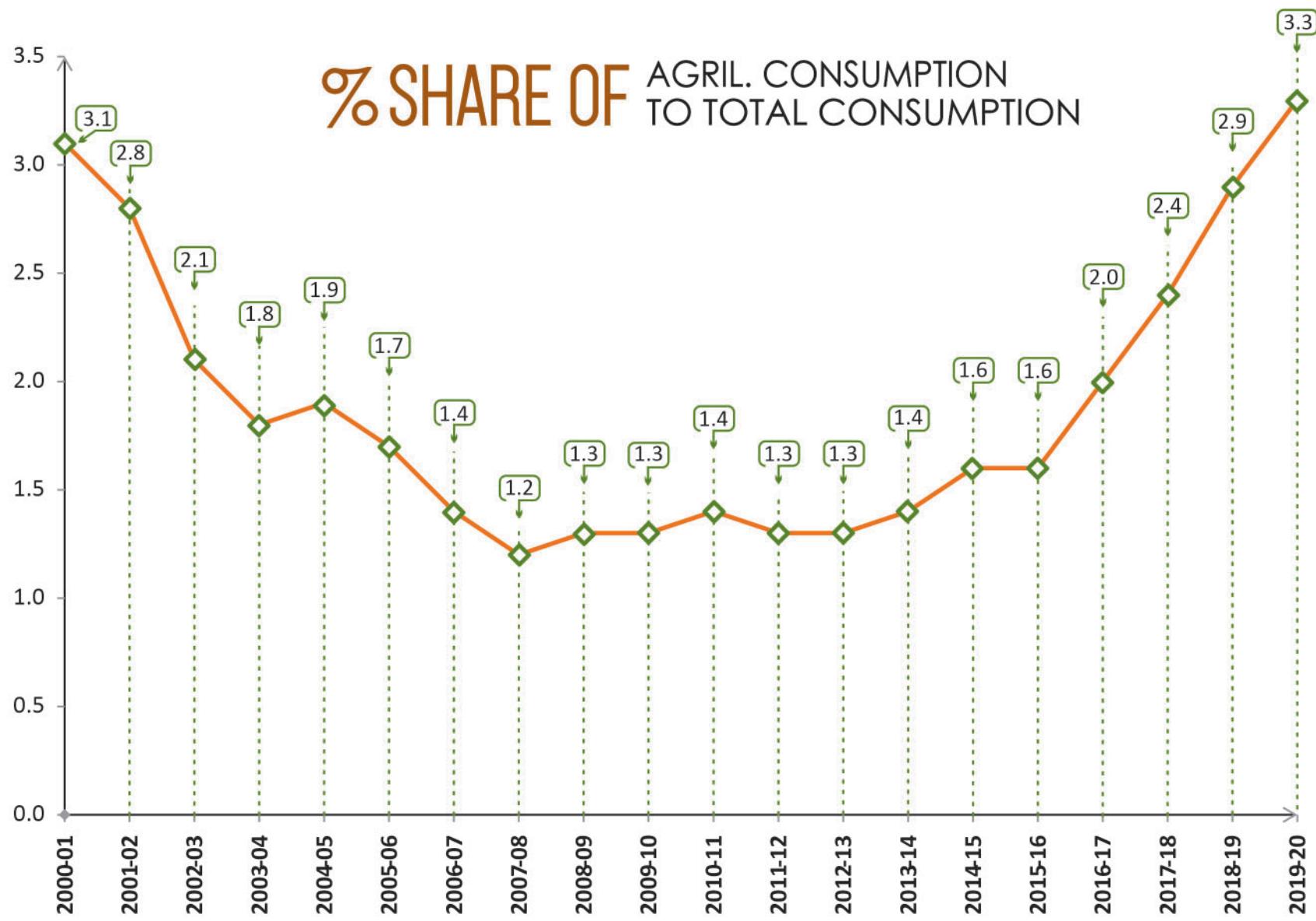
POWER CONSUMPTION (ELECTRIC) & FARM POWER AVAILABILITY IN THE STATE

YEAR	TOTAL POWER CONSUMPTION (IN MILLION UNITS)	CONSUMPTION FOR AGRIL. PURPOSE (IN MILLION UNITS)	% SHARE OF AGRIL. CONSUMPTION TO TOTAL CONSUMPTION	FARM POWER AVAILABILITY (KW/ha)
1990-91	4901	229	4.7	
1991-92	5562	270	4.9	
1992-93	5431	305	5.6	
1993-94	6050	341	5.6	
1994-95	6471	426	6.6	0.54
1995-96	7532	491	6.5	0.55
1996-97	5418	150	2.8	0.56
1997-98	5517	201	3.6	0.58
1998-99	5431	258	4.8	0.59
1999-00	5603	217	3.9	0.60
2000-01	6080	186	3.1	0.62
2001-02	5773	164	2.8	0.64
2002-03	6733	139	2.1	0.65
2003-04	7072	124	1.8	0.67
2004-05	7599	147	1.9	0.69
2005-06	8145	137	1.7	0.71
2006-07	9288	131	1.4	0.74
2007-08	10761	131	1.2	0.77
2008-09	11124	150	1.3	0.83
2009-10	12282	160	1.3	0.93
2010-11	13146	186	1.4	1.02
2011-12	13060	166	1.3	1.12
2012-13	13574	175	1.3	1.24
2013-14	14496	203	1.4	1.41
2014-15	15458	242	1.6	1.48
2015-16	16053	264	1.6	1.55
2016-17	16506	322	2.0	1.60
2017-18	17722	422	2.4	1.64
2018-19	19370	559	2.9	1.68
2019-20	19728	659	3.3	1.86

POWER CONSUMPTION AND AVAILABILITY OF FARM POWER

IN KW/ HA





CROPPING SCENARIO IN ODISHA
(PERCENTAGE OF AREA UNDER EACH CROP TO GROSS CROPPED AREA)

SL. NO.	CROP	1970-71	1980-81	1990-91	2000-01	2010-11	2018-19
1	Rice	66.13	47.92	45.89	56.28	46.54	46.28
2	Wheat	0.19	0.77	0.35	0.20	0.19	0.03
3	Maize	1.06	2.07	1.74	2.23	2.78	3.02
4	Ragi	2.31	3.84	2.58	2.40	1.98	1.41
5	Jowar	0.25	0.42	0.28	0.17	0.10	0.09
6	Bajra	0.06	0.10	0.07	0.05	0.04	0.03
7	Small millets	2.40	4.13	0.74	0.51	0.17	0.39
TOTAL CEREALS		72.40	59.25	51.67	61.85	51.80	51.25
8	Mung	4.78	7.88	7.66	5.96	9.21	10.04
9	Biri	2.99	4.69	5.97	5.42	6.80	5.87
10	Kulthi	2.59	3.92	4.23	3.44	2.69	2.46
11	Gram	0.31	0.57	0.48	0.26	0.46	0.37
12	Arhar	0.75	0.94	1.72	1.89	1.49	1.73
13	Other pulses	1.08	1.73	2.15	0.66	2.26	2.94
TOTAL PULSES		12.50	19.73	22.21	17.64	22.90	23.40
TOTAL FOODGRAINS		84.90	78.98	73.89	79.49	74.70	74.65
14	Groundnut	1.04	1.97	4.13	2.74	2.73	2.30
15	Sesamum	1.35	1.78	3.56	2.49	2.87	2.52
16	Niger	1.15	1.81	1.90	2.01	1.03	0.64
17	Mustard	0.81	1.85	1.69	1.12	1.24	1.27
18	Other oilseeds	0.53	1.01	0.78	0.58	0.62	0.34
TOTAL OILSEEDS		4.88	8.42	12.06	8.94	8.49	7.08
19	Jute	0.65	0.50	0.38	0.18	0.10	0.05
20	Mesta	0.41	0.48	0.35	0.30	0.18	0.07
21	Cotton	0.004	0.05	0.06	0.50	0.82	1.89
TOTAL FIBRES		1.15	1.14	0.94	1.12	1.19	2.08
22	Potato	0.31	0.09	0.09	0.10	0.15	0.30
23	Sugarcane	0.44	0.56	0.51	0.40	0.45	0.30
24	Tobacco	0.21	0.24	0.16	0.04	0.03	0.00
25	Other crops including fruits	8.11	10.57	12.35	9.91	14.99	15.60
GROSS CROPPED AREA		100	100	100	100	100	100

DISTRICT WISE CROPPING INTENSITY (%)

SL.	DISTRICTS	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	ANGUL	157	149	136	138	140	138	132	162
2	BALASORE	163	142	137	135	129	140	133	140
3	BARAGARH	144	138	125	128	126	129	124	132
4	BHADRAK	148	147	131	137	126	130	124	129
5	BOLANGIR	144	146	117	136	128	125	123	130
6	BOUDH	151	138	132	145	150	138	135	142
7	CUTTACK	189	196	172	179	167	183	147	186
8	DEOGARH	138	149	135	134	144	134	112	161
9	DHENKANAL	148	179	143	147	147	145	125	161
10	GAJAPATI	156	171	157	126	141	145	154	168
11	GANJAM	192	188	156	161	165	164	153	183
12	JAGATSINGPUR	180	190	170	170	161	167	155	183
13	JAJPUR	168	179	165	161	163	161	167	180
14	JHARSUGUDA	137	132	120	118	120	122	119	139
15	KALAHANDI	168	174	141	142	142	150	139	151
16	KANDHAMAL	147	145	116	116	120	119	130	147
17	KENDRAPARA	161	177	163	151	160	166	159	173
18	KEONJHAR	139	146	125	134	134	131	133	146
19	KHURDA	172	177	157	167	167	157	143	165
20	KORAPUT	178	148	137	133	130	123	142	135
21	MALKANGIRI	138	149	152	147	130	148	123	158
22	MAYURBHANJ	127	129	113	120	127	118	119	123
23	NAWAPARA	147	144	126	133	135	135	142	154
24	NAWARANGPUR	130	140	143	148	133	129	136	139
25	NAYAGARH	180	186	133	178	164	165	146	169
26	PURI	157	173	174	172	171	188	168	188
27	RAYAGADA	160	145	143	140	133	133	131	162
28	SAMBALPUR	140	148	132	132	122	131	121	149
29	SUBARNAPUR	163	184	152	155	138	143	146	161
30	SUNDARGARH	128	127	120	118	120	120	114	124
ODISHA		154	156	138	141	139	140	135	151

DISTRICT WISE CROPPING INTENSITY (%).....Contd.

SL.	DISTRICTS	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	ANGUL	156	163	175	176	175	168	168	165
2	BALASORE	135	136	141	143	144	155	154	151
3	BARAGARH	128	137	133	133	138	151	149	150
4	BHADRAK	124	129	139	143	141	139	138	132
5	BOLANGIR	124	130	135	141	140	143	146	147
6	BOUDH	134	151	153	160	164	164	162	162
7	CUTTACK	176	188	192	198	185	183	197	195
8	DEOGARH	132	150	162	175	177	195	189	189
9	DHENKANAL	144	168	163	169	161	162	170	168
10	GAJAPATI	152	176	180	189	186	191	192	196
11	GANJAM	144	174	169	175	184	181	181	186
12	JAGATSINGPUR	185	186	190	193	188	193	192	199
13	JAJPUR	166	171	176	176	190	191	188	195
14	JHARSUGUDA	122	131	132	142	145	163	174	169
15	KALAHANDI	129	148	149	162	159	160	162	169
16	KANDHAMAL	141	152	157	163	163	153	161	168
17	KENDRAPARA	176	166	186	186	187	183	186	184
18	KEONJHAR	140	151	149	148	150	147	152	149
19	KHURDA	161	162	158	171	177	180	183	179
20	KORAPUT	130	136	133	138	135	136	135	132
21	MALKANGIRI	121	150	166	156	163	156	163	160
22	MAYURBHANJ	117	121	131	126	129	133	130	130
23	NAWAPARA	118	144	151	160	163	166	171	169
24	NAWARANGPUR	128	136	145	148	162	160	158	155
25	NAYAGARH	150	174	156	177	173	178	176	204
26	PURI	165	182	197	222	208	211	214	210
27	RAYAGADA	136	150	158	160	169	159	166	160
28	SAMBALPUR	124	136	153	156	156	188	172	168
29	SUBARNAPUR	156	158	163	175	186	191	198	195
30	SUNDARGARH	129	129	124	121	125	127	129	133
ODISHA		138	149	152	157	158	160	162	163

DISTRICT WISE CROPPING INTENSITY (%).....*Contd.*

SL.	DISTRICTS	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20*
1	ANGUL	176	181	168	168	169	183	190	178	169	173
2	BALASORE	154	160	168	169	168	159	156	157	161	161
3	BARAGARH	151	153	137	142	143	129	147	140	140	137
4	BHADRAK	137	154	135	139	140	154	154	156	123	124
5	BOLANGIR	144	134	167	168	163	140	131	138	140	136
6	BOUDH	168	176	164	163	163	121	122	131	156	147
7	CUTTACK	222	231	193	193	193	142	152	141	225	197
8	DEOGARH	161	172	177	175	175	138	154	140	179	169
9	DHENKANAL	180	187	195	195	185	173	158	206	180	184
10	GAJAPATI	205	219	197	198	192	207	211	221	189	190
11	GANJAM	202	184	181	181	180	146	148	169	159	154
12	JAGATSINGPUR	204	204	195	197	196	152	154	160	211	203
13	JAJPUR	191	196	195	198	185	187	171	222	175	170
14	JHARSUGUDA	145	134	145	133	135	169	175	176	138	130
15	KALAHANDI	179	168	183	184	170	180	178	181	163	161
16	KANDHAMAL	176	176	188	176	159	154	152	153	153	156
17	KENDRAPARA	186	190	191	194	193	152	165	168	178	180
18	KEONJHAR	157	152	161	161	150	151	166	163	141	143
19	KHURDA	202	180	182	192	185	169	172	191	175	163
20	KORAPUT	155	151	150	147	152	142	149	154	146	147
21	MALKANGIRI	177	164	171	170	171	195	190	178	157	161
22	MAYURBHANJ	133	143	137	138	139	138	130	148	128	130
23	NAWAPARA	163	172	146	156	147	118	112	145	151	137
24	NAWARANGPUR	158	157	160	160	160	141	149	139	187	197
25	NAYAGARH	191	176	198	192	193	147	146	145	136	159
26	PURI	208	216	187	191	191	144	156	148	217	205
27	RAYAGADA	163	166	176	168	161	170	158	182	138	148
28	SAMBALPUR	158	152	154	153	162	183	164	238	140	130
29	SUBARNAPUR	174	191	181	190	176	129	128	124	182	191
30	SUNDARGARH	135	130	137	136	140	133	135	131	136	134
ODISHA		167	166	167	167	164	150	151	156	156	154

*Provisional

DISTRICT WISE CULTIVATED AREA & KHARIF PADDY AREA 2019-20

(Area in '000 ha)

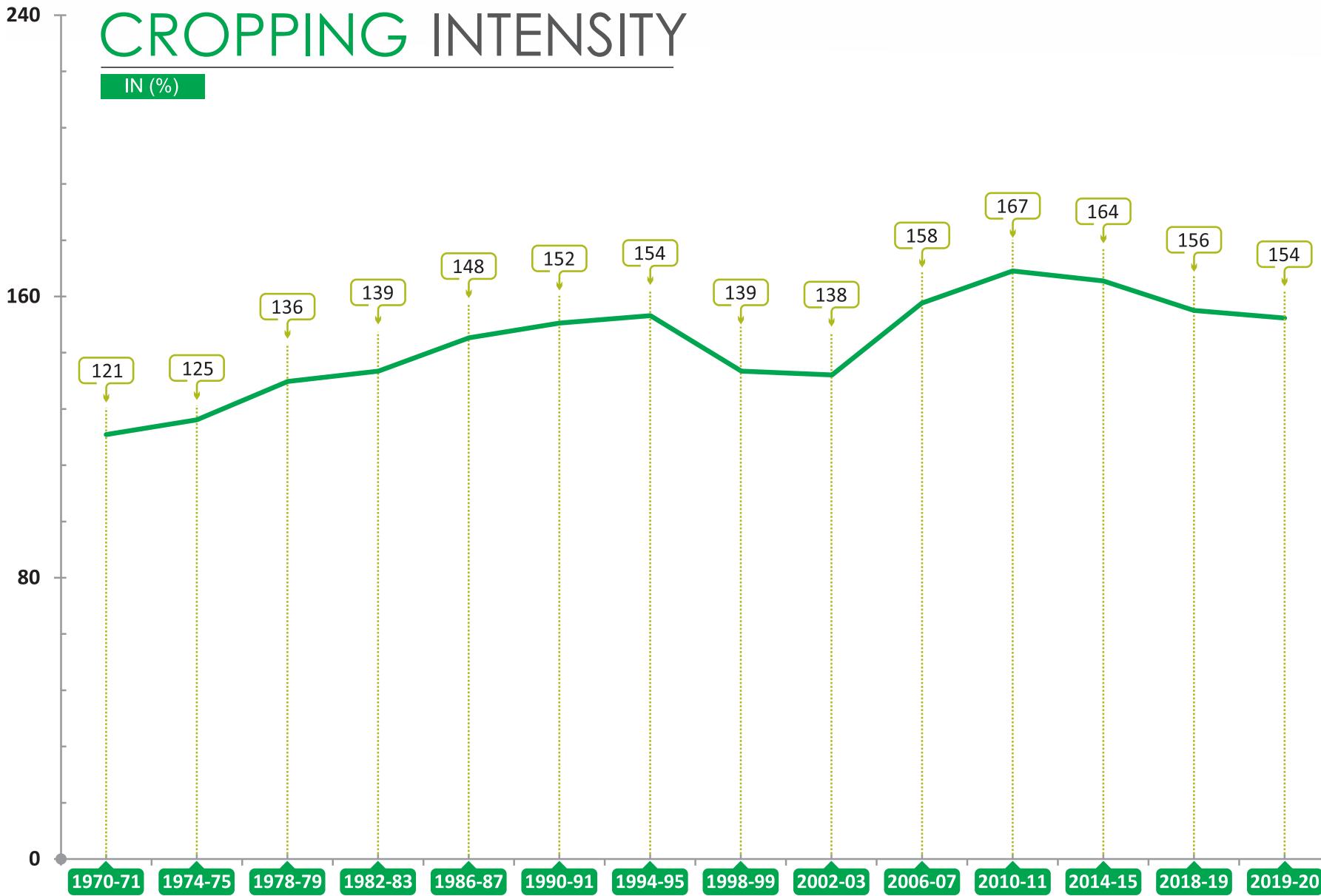
SI. No.	DISTRICT	CULTIVATED AREA				KHARIF PADDY COVERAGE			
		HIGH	MEDIUM	LOW	TOTAL	HIGH	MEDIUM	LOW	TOTAL
1	ANGUL	128	55	33	216	0	40	22	62
2	BALASORE	39	104	107	250	0	78	84	162
3	BARAGARH	183	90	76	349	66	90	74	230
4	BHADRAK	13	63	100	176	0	58	96	154
5	BOLANGIR	190	70	86	346	18	70	84	172
6	BOUDH	55	21	13	89	28	21	13	62
7	CUTTACK	47	75	66	188	0	57	60	117
8	DEOGARH	35	21	11	67	17	21	11	49
9	DHENKANAL	92	54	40	186	0	45	36	81
10	GAJAPATI	50	14	12	76	5	14	12	31
11	GANJAM	190	113	103	406	66	112	103	281
12	JAGATSINGHPUR	21	37	46	104	0	35	46	81
13	JAJPUR	52	48	45	145	40	48	45	133
14	JHARSUGUDA	50	25	13	88	16	23	13	52
15	KALAHANDI	228	82	68	378	28	82	68	178
16	KANDHAMAL	96	21	11	128	10	19	11	40
17	KENDRAPADA	31	72	49	152	7	70	49	126
18	KEONJHAR	159	100	39	298	41	96	39	176
19	KHORDHA	40	42	47	129	3	38	47	88
20	KORAPUT	187	79	38	304	0	60	38	98
21	MALKANGIRI	87	31	24	142	49	31	24	104
22	MAYURBHANJ	186	125	126	437	76	117	120	313
23	NABARANGPUR	118	39	29	186	57	36	29	122
24	NAYAGARH	45	49	40	134	7	39	40	86
25	NUAPADA	133	28	28	189	29	28	28	85
26	PURI	22	58	109	189	0	40	50	90
27	RAYAGADA	129	42	22	193	6	26	22	54
28	SAMBALPUR	97	61	36	194	19	61	36	116
29	SUBARNAPUR	48	41	39	128	33	41	39	113
30	SUNDARGARH	163	95	55	313	45	92	55	192
TOTAL		2914	1755	1511	6180	666	1588	1394	3648

NET AREA SOWN, GROSS CROPPED AREA AND CROPPING INTENSITY OF ODISHA

SL. NO.	YEAR	NET AREA SOWN ('000 ha.)	GROSS CROPPED AREA ('000 ha.)	CROPPING INTENSITY (%)
1	1970-71	5601	6761	121
2	1971-72	5765	6874	119
3	1972-73	5622	6936	123
4	1973-74	5973	7284	122
5	1974-75	5719	7134	125
6	1975-76	6137	7733	126
7	1976-77	5877	7209	123
8	1977-78	5997	7931	132
9	1978-79	6097	8275	136
10	1979-80	5970	8166	137
11	1980-81	6130	8746	143
12	1981-82	6051	8471	140
13	1982-83	5925	8260	139
14	1983-84	6301	9500	151
15	1984-85	6288	8774	139
16	1985-86	6302	9260	146
17	1986-87	6267	9270	148
18	1987-88	5954	9092	153
19	1988-89	6280	9169	146
20	1989-90	6321	9445	150
21	1990-91	6304	9594	152
22	1991-92	6337	9822	155
23	1992-93	6304	9416	149
24	1993-94	6303	9747	155
25	1994-95	6279	9691	154

* Provisional

SL. NO.	YEAR	NET AREA SOWN ('000 ha.)	GROSS CROPPED AREA ('000 ha.)	CROPPING INTENSITY (%)
26	1995-96	6210	9668	156
27	1996-97	5968	8216	138
28	1997-98	6122	8645	141
29	1998-99	6048	8425	139
30	1999-00	6075	8524	140
31	2000-01	5829	7878	135
32	2001-02	5845	8798	151
33	2002-03	5680	7852	138
34	2003-04	5796	8637	149
35	2004-05	5739	8718	152
36	2005-06	5691	8924	157
37	2006-07	5654	8960	158
38	2007-08	5624	9016	160
39	2008-09	5604	9071	162
40	2009-10	5574	9074	163
41	2010-11	5421	9080	167
42	2011-12	5292	8801	166
43	2012-13	5317	8879	167
44	2013-14	5424	9054	167
45	2014-15	5496	9011	164
46	2015-16	5608	8385	150
47	2016-17	5652	8541	151
48	2017-18	5356	8361	156
49	2018-19	5362	8338	156
50	2019-20*	5330	8224	154



AREA,YIELD & PRODUCTION OF RICE

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	AUTUMN RICE			WINTER RICE			KHARIF RICE		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	627	541	339	3709	964	3574	4336	902	3913
1971-72	847	562	476	3637	797	2900	4484	753	3376
1972-73	770	501	386	3524	950	3349	4294	870	3735
1973-74	845	582	492	3725	993	3699	4570	917	4191
1974-75	697	356	248	3579	760	2719	4276	694	2967
1975-76	758	580	440	3746	1023	3834	4504	949	4274
1976-77	778	438	341	3429	763	2617	4207	703	2958
1977-78	839	710	596	3377	1023	3454	4216	961	4050
1978-79	914	689	630	3293	1081	3559	4207	996	4189
1979-80	879	309	272	3095	795	2462	3974	688	2734
1980-81	865	600	519	3154	1114	3512	4019	1003	4031
1981-82	928	668	620	3094	984	3043	4022	911	3663
1982-83	834	488	407	3008	765	2300	3842	705	2707
1983-84	943	751	708	3205	1265	4055	4148	1148	4763
1984-85	973	668	650	3157	1014	3200	4130	932	3850
1985-86	1014	840	852	3182	1266	4028	4196	1163	4880
1986-87	1010	619	625	3193	1200	3831	4203	1060	4456
1987-88	887	458	406	2968	909	2697	3855	805	3103
1988-89	899	702	631	3189	1337	4265	4088	1198	4896
1989-90	907	853	774	3280	1545	5066	4187	1395	5840
1990-91	937	939	880	3252	1218	3962	4189	1156	4842
1991-92	885	981	868	3373	1530	5162	4258	1416	6030
1992-93	870	791	688	3361	1276	4288	4231	1176	4976
1993-94	883	900	795	3428	1548	5306	4311	1415	6101
1994-95	838	986	826	3349	1494	5005	4187	1393	5831
1995-96	854	951	812	3400	1422	4836	4254	1328	5648
1996-97	820	546	448	3378	1000	3379	4198	912	3827
1997-98	827	983	813	3434	1438	4938	4261	1350	5751
1998-99	820	611	501	3359	1305	4384	4179	1169	4885
1999-00	797	932	743	3423	1032	3532	4220	1013	4275
2000-01	855	543	464	3372	1100	3708	4227	987	4172
2001-02	853	999	852	3375	1694	5718	4228	1554	6570
2002-03	809	366	296	3287	770	2530	4096	690	2826
2003-04	861	982	846	3386	1581	5352	4248	1459	6199
2004-05	824	822	677	3375	1543	5207	4199	1401	5884
2005-06	781	886	691	3373	1648	5558	4154	1504	6249
2006-07	757	1026	776	3379	1604	5419	4136	1498	6196
2007-08	742	1114	826	3376	1777	6000	4118	1658	6826
2008-09	707	1056	746	3417	1565	5346	4124	1477	6092
2009-10	687	913	628	3413	1660	5665	4100	1535	6293
2010-11	678	844	572	3255	1683	5479	3933	1539	6051
2011-12	536	791	424	3233	1455	4703	3769	1360	5127
2012-13	561	1732	971	3188	2402	7658	3749	2302	8629
2013-14	582	1463	851	3298	1739	5734	3880	1697	6585
2014-15	583	1775	1036	3282	2378	7802	3865	2287	8838
2015-16	542	719	390	3167	1485	4703	3708	1373	5092
2016-17	512	1285	658	3226	2586	8343	3738	2408	9001
2017-18	530	1088	577	3014	1751	5279	3544	1652	5856
2018-19	454	1161	527	3131	2006	6280	3585	1899	6808
2019-20	426	1806	769	3222	2499	8053	3648	2418	8822

AREA,YIELD & PRODUCTIONContd.

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	SUMMER RICE			TOTAL RICE			WHEAT (Rabi)		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	134.90	1387	187.10	4471	917	4100	12.99	1423	18.49
1971-72	162.02	1503	243.50	4646	779	3620	20.94	1846	38.65
1972-73	182.84	1357	248.12	4477	890	3983	51.06	1706	87.12
1973-74	163.51	1305	213.36	4734	930	4404	52.05	1590	82.76
1974-75	156.01	1275	198.96	4432	714	3166	54.61	1574	85.95
1975-76	180.10	1431	257.77	4684	967	4532	62.94	1707	107.44
1976-77	172.53	1511	260.72	4380	735	3219	55.45	1774	98.37
1977-78	188.60	1427	269.22	4405	981	4319	67.56	1893	127.92
1978-79	164.98	1290	212.87	4372	1007	4402	61.54	1788	110.02
1979-80	142.57	1289	183.74	4117	709	2918	50.83	1620	82.34
1980-81	171.71	1571	269.82	4191	1026	4301	67.09	1825	122.43
1981-82	137.17	1385	189.98	4159	926	3853	66.05	1895	125.18
1982-83	216.35	1315	284.49	4058	737	2991	64.02	2029	129.92
1983-84	207.77	1721	357.57	4356	1176	5121	78.59	1910	150.11
1984-85	173.70	1855	322.19	4304	969	4172	53.80	1794	96.54
1985-86	206.22	1679	346.33	4402	1187	5226	55.95	1769	98.95
1986-87	190.60	1985	378.38	4394	1100	4834	46.77	1621	75.81
1987-88	198.30	1858	368.37	4053	856	3471	45.81	1553	71.14
1988-89	194.00	2064	400.51	4282	1237	5297	39.58	1751	69.32
1989-90	204.46	2172	444.01	4391	1431	6284	37.72	1721	64.92
1990-91	214.65	2019	433.30	4404	1198	5275	34.30	1621	55.59
1991-92	289.89	2172	629.68	4548	1464	6660	31.48	1795	56.51
1992-93	212.35	1939	411.70	4443	1213	5388	24.41	1725	42.11
1993-94	244.30	2109	515.25	4555	1452	6616	18.44	1695	31.25
1994-95	268.65	1944	522.16	4456	1426	6353	21.70	1719	37.31
1995-96	274.99	2103	578.20	4529	1375	6226	20.84	1704	35.51
1996-97	269.26	2267	610.41	4467	993	4437	15.16	1502	22.77
1997-98	235.77	1924	453.58	4497	1380	6205	16.78	1403	23.55
1998-99	268.08	1886	505.48	4447	1212	5390	16.91	1213	20.52
1999-00	381.81	2389	912.04	4602	1127	5187	18.54	1340	24.85
2000-01	206.73	2136	441.54	4434	1041	4614	15.95	1261	20.12
2001-02	271.96	2127	578.40	4500	1589	7148	20.15	1353	27.26
2002-03	177.55	2352	417.60	4274	759	3244	13.91	1359	18.91
2003-04	253.47	2112	535.22	4501	1496	6734	18.56	1357	25.18
2004-05	292.82	2230	653.07	4492	1455	6537	16.39	1333	21.84
2005-06	325.49	2193	713.65	4479	1554	6963	16.87	1403	23.67
2006-07	314.60	2328	732.39	4450	1557	6928	16.80	1415	23.78
2007-08	333.74	2484	829.11	4452	1720	7655	18.80	1482	27.86
2008-09	330.97	2488	823.52	4455	1553	6916	19.88	1520	30.22
2009-10	264.81	2754	729.34	4365	1609	7022	20.38	1561	31.82
2010-11	292.96	3004	880.06	4226	1640	6931	17.55	1598	28.04
2011-12	235.37	3262	767.77	4004	1472	5895	14.49	1686	24.43
2012-13	274.30	3165	868.03	4023	2361	9497	14.27	1742	24.86
2013-14	300.54	3422	1028.31	4180	1821	7613	12.76	1746	22.28
2014-15	301.25	3342	1006.87	4166	2363	9845	10.12	1760	17.81
2015-16	233.40	3356	783.19	3942	1491	5875	3.61	1759	6.35
2016-17	224.78	3531	793.69	3963	2472	9794	3.05	1728	5.27
2017-18	221.94	3133	695.40	3766	1739	6551	2.90	1855	5.38
2018-19	274.23	3376	925.81	3859	2004	7734	2.20	1791	3.94
2019-20	280.04	2911	815.28	3928	2453	9637	2.40	1779	4.27

AREA,YIELD & PRODUCTION OF MAIZE

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	69.38	814	56.46	2.88	986	2.84	72.26	821	59.3
1971-72	72.19	830	59.91	2.66	1199	3.19	74.85	843	63.1
1972-73	74.52	769	57.28	3.10	1139	3.53	77.62	783	60.81
1973-74	81.69	795	64.97	3.34	1419	4.74	85.03	820	69.71
1974-75	93.32	752	70.16	3.54	1178	4.17	96.86	767	74.33
1975-76	114.62	976	111.82	4.00	1250	5	118.62	985	116.82
1976-77	120.9	815	98.48	3.32	1401	4.65	124.22	830	103.13
1977-78	125.87	842	105.92	3.77	1358	5.12	129.64	857	111.04
1978-79	126.06	910	114.73	4.82	1320	6.36	130.88	925	121.09
1979-80	124.15	580	72.03	5.34	1279	6.83	129.49	609	78.86
1980-81	174.2	956	166.62	6.50	1177	7.65	180.7	964	174.27
1981-82	146.75	1090	160.01	7.35	1551	11.4	154.1	1112	171.41
1982-83	153.49	1179	180.97	6.18	1807	11.17	159.67	1203	192.14
1983-84	184.96	992	183.52	7.06	1654	11.68	192.02	1017	195.2
1984-85	158.69	1034	164.06	6.42	1405	9.02	165.11	1048	173.08
1985-86	159.06	1042	165.69	6.24	1397	8.72	165.3	1055	174.41
1986-87	156.6	769	120.35	8.84	1216	10.75	165.44	792	131.1
1987-88	156.65	1035	162.06	6.23	1167	7.27	162.88	1040	169.33
1988-89	159.24	1157	184.31	8.03	1315	10.56	167.27	1165	194.87
1989-90	161.15	1156	186.28	7.98	1410	11.25	169.13	1168	197.53
1990-91	159.94	1224	195.7	7.37	1559	11.49	167.31	1238	207.19
1991-92	168.87	914	154.38	8.89	1199	10.66	177.76	928	165.04
1992-93	161.74	1033	167.05	7.94	1331	10.57	169.68	1047	177.62
1993-94	167.67	1092	183.14	8.44	1262	10.65	176.11	1100	193.79
1994-95	163.87	1209	198.09	10.56	1220	12.88	174.43	1209	210.97
1995-96	143.61	1337	191.98	9.81	1388	13.62	153.42	1340	205.6
1996-97	157.22	1141	179.38	8.38	1167	9.78	165.6	1142	189.16
1997-98	160.48	1281	205.65	8.81	1160	10.22	169.29	1275	215.87
1998-99	156.00	1116	174.14	8.31	1122	9.32	164.31	1117	183.46
1999-00	165.33	1248	206.37	8.27	1243	10.28	173.60	1248	216.65
2000-01	170.05	1234	209.79	6.00	1273	7.64	176.05	1235	217.43
2001-02	156.22	1119	174.85	8.21	1287	10.57	164.43	1128	185.42
2002-03	152.25	1118	170.26	5.78	1244	7.19	158.03	1123	177.45
2003-04	166.28	1101	183.10	8.99	1389	12.49	175.27	1116	195.59
2004-05	175.86	1305	229.52	8.90	1649	14.68	184.76	1322	244.20
2005-06	179.03	1468	262.78	8.36	2092	17.49	187.39	1496	280.27
2006-07	190.13	1575	299.47	9.32	2147	20.01	199.45	1602	319.48
2007-08	204.49	2216	453.15	10.06	2824	28.41	214.55	2245	481.56
2008-09	211.32	2252	475.88	12.91	2935	37.89	224.23	2291	513.77
2009-10	216.53	2192	474.71	11.36	2169	24.64	227.89	2191	499.35
2010-11	236.44	2552	603.48	16.21	2820	45.72	252.65	2570	649.20
2011-12	245.06	2280	558.63	16.99	2912	49.47	262.05	2321	608.10
2012-13	261.66	2368	619.61	19.01	2948	56.05	280.67	2407	675.66
2013-14	259.92	2772	720.50	19.69	2954	58.16	279.61	2785	778.66
2014-15	250.71	2774	695.47	18.69	2981	55.71	269.40	2788	751.18
2015-16	221.17	2770	612.64	18.01	2985	53.76	239.18	2786	666.40
2016-17	230.89	2906	670.97	21.35	3492	74.55	252.24	2956	745.52
2017-18	228.11	2914	664.71	19.50	3346	65.25	247.61	2948	729.96
2018-19	228.04	2958	674.54	23.39	3336	78.03	251.43	2993	752.57
2019-20	228.09	2835	646.64	26.05	3331	86.77	254.14	2886	733.41

AREA,YIELD & PRODUCTION OF RAGI

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	140.97	880	124.01	15.48	1093	16.92	156.45	901	140.93
1971-72	138.29	901	124.59	21.89	1138	24.90	160.18	933	149.49
1972-73	140.49	818	114.95	27.51	1071	29.45	168.00	860	144.40
1973-74	144.45	784	113.27	27.72	978	27.10	172.17	815	140.37
1974-75	160.79	590	94.80	30.33	925	28.06	191.12	643	122.86
1975-76	207.77	695	144.45	33.34	849	28.30	241.11	716	172.75
1976-77	227.08	513	116.48	27.66	790	21.84	254.74	543	138.32
1977-78	242.13	689	166.73	35.06	825	28.92	277.19	706	195.65
1978-79	242.31	740	179.33	35.00	860	30.10	277.31	755	209.43
1979-80	238.54	520	124.12	28.46	787	22.39	267.00	549	146.51
1980-81	298.95	767	229.33	37.46	940	35.20	336.41	786	264.53
1981-82	257.42	784	201.83	31.44	1154	36.28	288.86	824	238.11
1982-83	262.54	946	248.29	39.33	750	29.50	301.87	920	277.79
1983-84	322.23	745	240.21	49.02	696	34.10	371.25	739	274.31
1984-85	268.42	760	203.99	18.90	716	13.54	287.32	757	217.53
1985-86	259.64	833	216.22	22.27	886	19.73	281.91	837	235.95
1986-87	253.56	712	180.44	23.17	906	21.00	276.73	728	201.44
1987-88	224.16	953	213.56	19.23	1057	20.32	243.39	961	233.88
1988-89	243.00	979	238.00	17.57	863	15.17	260.57	972	253.17
1989-90	230.89	987	227.93	14.60	908	13.25	245.49	982	241.18
1990-91	234.78	1029	241.61	13.04	916	11.95	247.82	1023	253.56
1991-92	235.07	751	176.59	11.43	1155	13.20	246.50	770	189.79
1992-93	221.18	813	179.77	7.77	999	7.76	228.95	819	187.53
1993-94	224.92	888	199.69	9.39	908	8.53	234.31	889	208.22
1994-95	217.45	798	173.51	8.75	879	7.69	226.20	801	181.20
1995-96	219.83	933	205.19	9.23	891	8.22	229.06	932	213.41
1996-97	170.06	495	84.24	6.04	856	5.17	176.10	508	89.41
1997-98	194.50	645	125.53	3.27	917	3.00	197.77	650	128.53
1998-99	190.52	718	136.74	7.35	927	6.81	197.87	725	143.55
1999-00	202.17	726	146.79	6.79	1010	6.86	208.96	735	153.65
2000-01	185.21	798	147.72	4.03	950	3.83	189.24	801	151.55
2001-02	189.52	728	137.97	6.49	1020	6.62	196.01	738	144.59
2002-03	184.32	680	125.30	2.31	948	2.19	186.63	683	127.49
2003-04	184.48	725	133.73	5.15	1161	5.98	189.63	737	139.71
2004-05	190.17	723	137.45	4.07	1120	4.56	194.24	731	142.01
2005-06	185.50	737	136.65	4.44	1162	5.16	189.94	747	141.81
2006-07	185.68	751	139.53	4.05	1165	4.72	189.73	760	144.25
2007-08	183.52	877	160.95	3.64	1192	4.34	187.16	883	165.29
2008-09	179.40	890	159.67	3.49	1192	4.16	182.89	896	163.83
2009-10	180.90	934	168.99	4.36	1002	4.37	185.26	936	173.36
2010-11	174.86	815	142.46	4.62	1067	4.93	179.48	821	147.39
2011-12	166.50	896	149.15	2.72	835	2.27	169.22	895	151.42
2012-13	169.74	860	145.98	3.25	994	3.23	172.99	863	149.21
2013-14	162.10	864	140.05	3.70	997	3.69	165.80	867	143.74
2014-15	154.80	865	133.90	3.47	997	3.46	158.27	868	137.36
2015-16	144.36	864	124.73	2.93	997	2.92	147.29	867	127.65
2016-17	136.15	872	118.72	2.19	1005	2.20	138.34	874	120.92
2017-18	112.01	877	98.23	2.34	1004	2.35	114.35	880	100.58
2018-19	115.79	888	102.82	2.09	1005	2.10	117.88	890	104.92
2019-20	114.55	1103	126.37	2.30	1026	2.36	116.85	1102	128.73

AREA,YIELD & PRODUCTION OF JOWAR, BAJRA & SMALL MILLETS

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	JOWAR			BAJRA			SMALL MILLETS		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	17.40	618	10.76	3.71	415	1.54	162.46	402	65.39
1971-72	19.26	758	14.60	4.00	475	1.90	163.62	466	76.29
1972-73	20.90	693	14.48	3.40	429	1.46	177.96	462	82.21
1973-74	22.33	747	16.69	4.07	337	1.37	185.85	454	84.29
1974-75	24.36	576	14.02	4.93	331	1.63	184.91	419	77.47
1975-76	23.57	663	15.63	5.81	494	2.87	219.12	438	96.08
1976-77	33.37	568	18.94	6.22	449	2.79	216.89	399	86.57
1977-78	35.43	654	23.16	7.10	438	3.11	227.34	451	102.45
1978-79	32.99	740	24.42	8.20	517	4.24	230.67	446	102.85
1979-80	22.66	535	12.13	8.32	451	3.75	208.50	305	63.69
1980-81	36.63	675	24.73	9.45	676	6.39	362.31	545	197.50
1981-82	33.91	809	27.45	8.27	763	6.31	154.20	463	71.42
1982-83	37.14	997	37.02	10.57	1073	11.34	168.98	656	110.84
1983-84	29.02	968	28.10	9.45	1134	10.72	250.10	652	162.96
1984-85	35.60	769	27.37	9.90	836	8.28	139.76	453	63.33
1985-86	35.39	955	33.79	10.75	914	9.83	158.23	560	88.55
1986-87	33.20	747	24.81	7.41	762	5.65	115.10	486	55.92
1987-88	32.51	676	21.98	7.72	810	6.25	114.34	557	63.69
1988-89	29.98	797	23.89	7.50	832	6.24	89.86	547	49.12
1989-90	28.20	721	20.34	7.24	829	6.00	79.03	543	42.92
1990-91	26.76	819	21.92	7.00	854	5.98	70.54	523	36.88
1991-92	27.17	701	19.04	8.83	886	7.82	69.52	609	42.32
1992-93	17.88	667	11.92	5.59	671	3.75	72.41	429	31.08
1993-94	23.08	685	15.81	6.89	578	3.98	63.94	523	33.42
1994-95	21.80	622	13.56	5.73	515	2.95	61.86	480	29.71
1995-96	20.21	697	14.09	5.57	628	3.50	57.41	537	30.83
1996-97	18.39	586	10.78	5.34	539	2.88	54.67	465	25.42
1997-98	14.72	525	7.73	3.82	534	2.04	43.34	437	18.93
1998-99	14.16	529	7.49	3.14	532	1.67	45.82	446	20.45
1999-00	13.76	602	8.28	4.01	586	2.35	41.96	449	18.85
2000-01	13.00	575	7.48	4.12	570	2.35	40.52	386	15.63
2001-02	12.26	578	7.09	4.09	565	2.31	42.36	475	20.12
2002-03	11.00	520	5.72	3.76	484	1.82	30.44	376	11.44
2003-04	11.09	575	6.38	3.27	526	1.72	26.57	433	11.51
2004-05	10.07	541	5.45	3.16	510	1.61	24.88	446	11.10
2005-06	9.52	603	5.74	2.93	539	1.58	23.74	438	10.39
2006-07	9.50	613	5.82	2.39	586	1.40	20.28	458	9.28
2007-08	9.32	620	5.78	2.74	595	1.63	18.94	473	8.96
2008-09	8.88	631	5.60	2.98	604	1.80	17.79	485	8.63
2009-10	9.03	640	5.78	2.78	604	1.68	17.78	566	10.06
2010-11	8.90	601	5.35	3.34	620	2.07	15.75	462	7.28
2011-12	8.63	630	5.44	3.09	615	1.90	17.20	520	8.95
2012-13	7.83	625	4.89	2.84	609	1.73	17.38	510	8.86
2013-14	7.46	625	4.66	3.03	611	1.85	19.32	502	9.70
2014-15	6.69	626	4.19	2.35	613	1.44	20.78	503	10.45
2015-16	6.21	626	3.89	2.11	611	1.29	25.35	501	12.70
2016-17	5.47	629	3.44	1.84	614	1.13	27.41	505	13.84
2017-18	5.62	632	3.55	1.76	619	1.09	29.18	512	14.94
2018-19	7.19	634	4.56	2.16	620	1.34	32.78	518	16.98
2019-20	5.81	633	3.68	1.87	620	1.16	32.87	517	16.99

AREA,YIELD & PRODUCTION OF TOTAL CEREALS

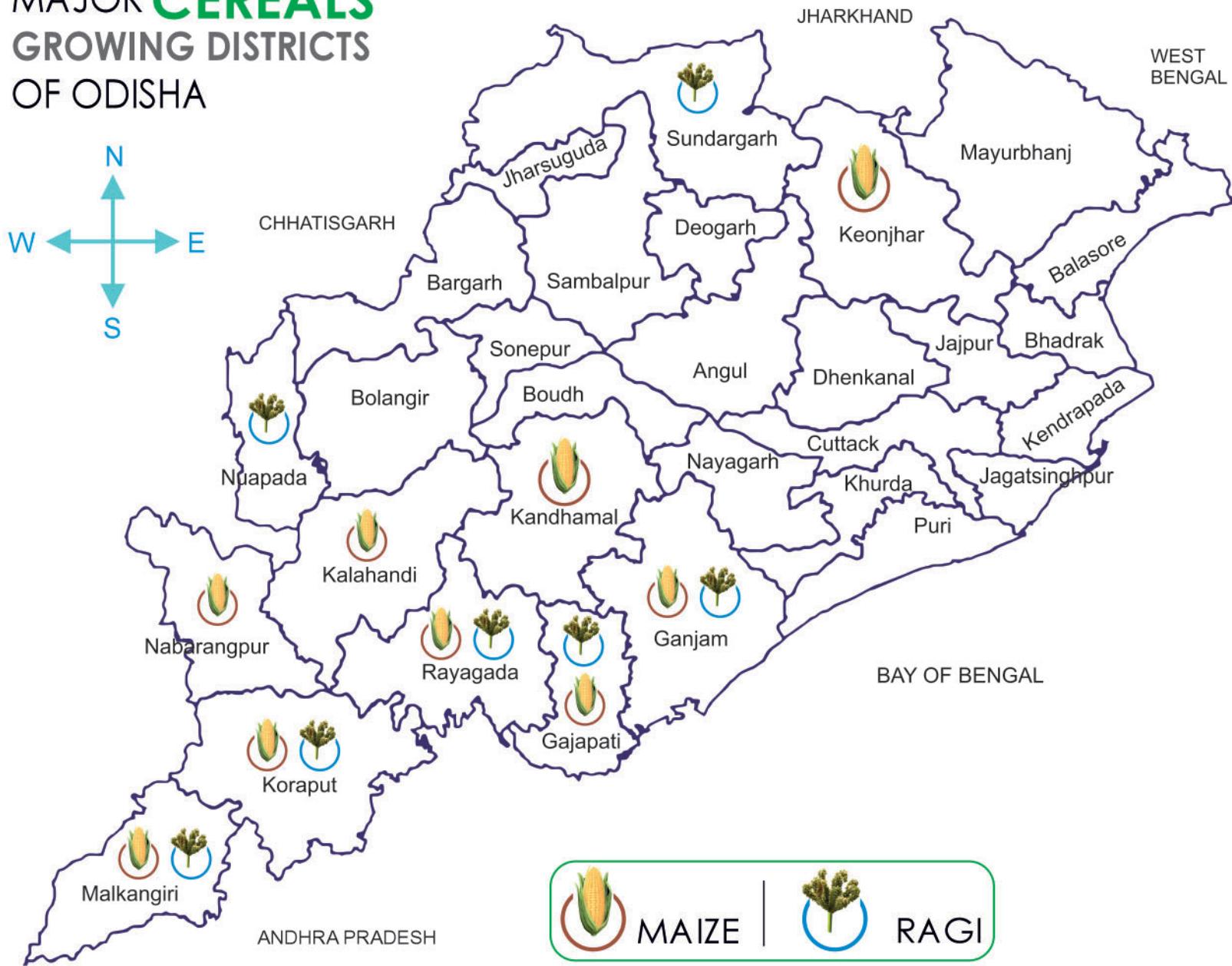
Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	4729.92	882	4171.16	166.25	1355	225.35	4896.17	898	4396.51
1971-72	4881.36	748	3653.29	207.51	1495	310.24	5088.87	779	3963.53
1972-73	4711.17	850	4005.38	264.51	1392	368.22	4975.68	879	4373.60
1973-74	5008.39	893	4471.59	246.62	1330	327.96	5255.01	913	4799.55
1974-75	4744.31	680	3225.08	244.49	1297	317.14	4988.80	710	3542.22
1975-76	5074.89	915	4644.85	280.38	1421	398.51	5355.27	942	5043.36
1976-77	4811.46	682	3281.26	258.96	1489	385.58	5070.42	723	3666.84
1977-78	4853.87	917	4451.37	294.99	1462	431.18	5148.86	948	4882.55
1978-79	4847.23	952	4614.57	266.34	1349	359.35	5113.57	973	4973.92
1979-80	4576.17	658	3009.72	227.20	1300	295.30	4803.37	688	3305.02
1980-81	4900.54	950	4655.57	282.76	1539	435.10	5183.30	982	5090.67
1981-82	4622.55	893	4130.02	242.01	1499	362.84	4864.56	924	4492.86
1982-83	4474.72	736	3295.46	325.88	1396	455.08	4800.60	781	3750.54
1983-84	4943.76	1090	5388.51	342.44	1616	553.46	5286.20	1124	5941.97
1984-85	4742.37	910	4317.03	252.82	1745	441.29	4995.19	953	4758.32
1985-86	4819.07	1119	5394.08	290.68	1630	473.73	5109.75	1148	5867.81
1986-87	4768.87	1016	4843.17	269.38	1804	485.94	5038.25	1058	5329.11
1987-88	4390.38	813	3570.54	269.57	1733	467.10	4659.95	866	4037.64
1988-89	4617.58	1169	5397.56	259.18	1912	495.56	4876.76	1208	5893.12
1989-90	4693.51	1347	6323.47	264.76	2015	533.43	4958.27	1383	6856.90
1990-91	4688.02	1140	5344.09	269.36	1902	512.33	4957.38	1181	5856.42
1991-92	4767.46	1349	6430.15	341.69	2078	710.05	5109.15	1398	7140.20
1992-93	4709.80	1140	5369.57	252.47	1870	472.14	4962.27	1177	5841.71
1993-94	4797.50	1363	6537.04	280.57	2016	565.68	5078.07	1399	7102.72
1994-95	4657.71	1342	6248.82	309.66	1873	580.04	4967.37	1375	6828.86
1995-96	4700.63	1296	6093.59	314.87	2018	635.55	5015.50	1342	6729.14
1996-97	4603.68	897	4129.70	298.84	2169	648.13	4902.52	975	4777.83
1997-98	4677.86	1306	6110.88	264.63	1853	490.35	4942.49	1336	6601.23
1998-99	4588.64	1139	5225.49	300.65	1803	542.13	4889.29	1180	5767.62
1999-00	4647.23	1002	4657.64	415.41	2297	954.03	5062.64	1108	5611.67
2000-01	4639.90	982	4554.97	232.71	2033	473.13	4872.61	1032	5028.10
2001-02	4632.45	1492	6912.34	306.81	2030	622.85	4939.26	1526	7535.19
2002-03	4477.77	701	3140.54	199.55	2234	445.89	4677.32	767	3586.43
2003-04	4639.33	1409	6534.96	286.17	2023	578.87	4925.50	1444	7113.83
2004-05	4603.13	1362	6269.13	322.18	2155	694.15	4925.31	1414	6963.28
2005-06	4554.49	1464	6666.46	355.16	2140	759.97	4909.65	1513	7426.43
2006-07	4543.70	1464	6651.22	344.77	2265	780.90	4888.47	1520	7432.12
2007-08	4537.03	1643	7456.38	366.24	2429	889.72	4903.27	1702	8346.10
2008-09	4544.01	1484	6744.02	367.25	2439	895.79	4911.26	1556	7639.81
2009-10	4527.29	1536	6954.14	300.91	2626	790.17	4828.20	1604	7744.31
2010-11	4372.29	1558	6812.05	331.34	2894	958.75	4703.63	1652	7770.80
2011-12	4209.16	1390	5851.30	269.57	3131	843.94	4478.73	1495	6695.24
2012-13	4207.98	2236	9409.86	310.83	3063	952.17	4518.81	2293	10362.03
2013-14	4331.51	1723	7461.87	336.69	3304	1112.44	4668.20	1837	8574.31
2014-15	4300.34	2252	9683.23	333.53	3250	1083.85	4633.87	2324	10767.08
2015-16	4107.31	1424	5847.43	257.95	3281	846.22	4365.26	1533	6693.65
2016-17	4139.76	2369	9808.73	251.37	3484	875.71	4391.13	2433	10684.44
2017-18	3921.13	1693	6638.49	246.68	3115	768.38	4167.81	1777	7406.87
2018-19	3971.15	1916	7608.14	301.91	3345	1009.88	4273.06	2017	8618.02
2019-20	4031.29	2386	9616.98	310.79	2924	908.68	4342.08	2424	10525.66

MAJOR CEREALS GROWING DISTRICTS OF ODISHA



AREA,YIELD & PRODUCTION OF GREEN GRAM (MUNG)

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	27.60	572	15.79	294.76	600	176.81	322.36	597	192.60
1971-72	25.16	486	12.23	321.00	458	146.94	346.16	460	159.17
1972-73	25.22	548	13.81	323.21	529	170.89	348.43	530	184.70
1973-74	27.98	489	13.69	359.32	509	183.00	387.30	508	196.69
1974-75	31.03	452	14.03	360.74	407	146.92	391.77	411	160.95
1975-76	35.98	449	16.15	387.42	457	176.86	423.40	456	193.01
1976-77	37.38	395	14.76	334.69	439	147.02	372.07	435	161.78
1977-78	39.11	504	19.72	481.96	520	250.69	521.07	519	270.41
1978-79	53.41	521	27.85	575.56	526	302.99	628.97	526	330.84
1979-80	65.23	302	19.69	582.83	355	206.78	648.06	349	226.47
1980-81	80.33	454	36.48	609.37	551	335.61	689.70	539	372.09
1981-82	95.26	582	55.40	614.74	558	343.28	710.00	562	398.68
1982-83	120.68	604	72.86	445.24	627	279.21	565.92	622	352.07
1983-84	138.43	535	74.03	567.28	544	308.42	705.71	542	382.45
1984-85	141.97	471	66.85	347.99	528	183.70	489.96	511	250.55
1985-86	147.74	516	76.23	507.82	570	289.65	655.56	558	365.88
1986-87	150.48	428	64.41	544.12	556	302.64	694.60	528	367.05
1987-88	154.80	374	57.83	562.05	484	271.77	716.85	460	329.60
1988-89	170.66	533	90.96	486.08	508	246.79	656.74	514	337.75
1989-90	176.64	612	108.12	497.38	434	216.00	674.02	481	324.12
1990-91	183.37	547	100.36	551.91	500	275.87	735.28	512	376.23
1991-92	181.33	404	73.26	546.22	473	258.27	727.55	456	331.53
1992-93	185.45	429	79.49	501.42	490	245.66	686.87	473	325.15
1993-94	194.06	480	93.18	558.42	496	276.83	752.48	492	370.01
1994-95	184.32	526	97.01	559.38	504	282.05	743.70	510	379.06
1995-96	195.44	533	104.10	578.56	526	304.44	774.00	528	408.54
1996-97	151.19	357	54.01	335.68	349	117.29	486.87	352	171.30
1997-98	149.80	391	58.57	448.97	408	182.97	598.77	403	241.54
1998-99	145.09	346	50.15	400.68	379	151.97	545.77	370	202.12
1999-00	149.00	345	51.47	441.00	398	175.72	590.00	385	227.19
2000-01	167.85	326	54.78	301.49	329	99.10	469.34	328	153.88
2001-02	173.02	350	60.61	502.89	356	178.97	675.91	354	239.58
2002-03	147.50	240	35.34	335.74	346	116.16	483.24	314	151.50
2003-04	202.34	291	58.98	409.12	345	141.16	611.46	327	200.14
2004-05	201.47	303	61.14	434.79	345	149.88	636.26	332	211.02
2005-06	220.89	324	71.65	487.89	405	197.46	708.78	380	269.11
2006-07	226.99	372	84.53	512.54	407	208.60	739.53	396	293.13
2007-08	228.75	396	90.59	520.35	414	215.46	749.10	409	306.05
2008-09	235.72	423	99.82	520.37	465	241.97	756.09	452	341.79
2009-10	242.60	424	102.79	589.58	405	238.90	832.18	411	341.69
2010-11	228.48	440	100.43	607.55	432	262.36	836.03	434	362.79
2011-12	233.58	473	110.59	566.10	390	220.84	799.68	414	331.43
2012-13	230.88	475	109.67	602.23	477	287.26	833.11	476	396.93
2013-14	213.16	464	98.91	643.91	480	309.08	857.07	476	407.99
2014-15	224.06	465	104.19	645.09	481	310.29	869.15	477	414.48
2015-16	215.20	448	96.41	553.69	478	264.66	768.89	470	361.07
2016-17	217.14	443	96.19	618.30	450	278.01	835.44	448	374.20
2017-18	209.84	451	94.64	684.39	498	340.83	894.23	487	435.47
2018-19	185.58	454	84.25	651.42	501	326.36	837.00	491	410.61
2019-20	166.30	457	76.00	659.30	504	332.29	825.60	495	408.29

AREA,YIELD & PRODUCTION OF BLACK GRAM (BIRI)

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	50.78	612	31.06	144.85	482	69.78	195.63	515	100.84
1971-72	70.20	473	33.21	142.74	443	63.19	212.94	453	96.40
1972-73	54.03	501	27.08	151.33	547	82.80	205.36	535	109.88
1973-74	59.00	451	26.63	172.79	515	88.98	231.79	499	115.61
1974-75	48.95	399	19.52	185.53	455	84.34	234.48	443	103.86
1975-76	65.51	431	28.21	192.16	514	98.81	257.67	493	127.02
1976-77	66.03	370	24.45	164.47	508	83.59	230.50	469	108.04
1977-78	65.54	478	31.35	226.69	533	120.74	292.23	520	152.09
1978-79	77.98	486	37.92	268.28	541	145.11	346.26	529	183.03
1979-80	83.60	282	23.57	298.76	343	102.56	382.36	330	126.13
1980-81	101.55	498	50.56	308.08	540	166.22	409.63	529	216.78
1981-82	124.33	547	67.98	305.64	545	166.72	429.97	546	234.70
1982-83	156.22	577	90.07	268.40	589	158.16	424.62	585	248.23
1983-84	175.10	600	105.11	377.96	514	194.34	553.06	541	299.45
1984-85	188.23	488	91.85	296.43	563	166.83	484.66	534	258.68
1985-86	197.78	542	107.25	338.90	659	223.48	536.68	616	330.73
1986-87	201.91	456	92.07	331.02	571	189.06	532.93	528	281.13
1987-88	179.13	374	66.92	368.04	514	189.18	547.17	468	256.10
1988-89	220.52	572	126.18	306.31	576	176.54	526.83	575	302.72
1989-90	233.28	616	143.74	313.51	525	164.51	546.79	564	308.25
1990-91	244.11	581	141.76	329.47	580	191.18	573.58	580	332.94
1991-92	251.26	566	142.12	342.78	580	198.75	594.04	574	340.87
1992-93	259.13	548	141.90	308.63	604	186.35	567.76	578	328.25
1993-94	258.63	523	135.19	322.97	529	170.92	581.60	526	306.11
1994-95	267.53	525	140.35	339.75	537	182.48	607.28	532	322.83
1995-96	274.53	550	150.90	330.88	532	176.11	605.41	540	327.01
1996-97	232.10	380	88.09	226.64	392	88.85	458.74	386	176.94
1997-98	205.49	399	81.90	281.71	428	120.53	487.20	415	202.43
1998-99	189.72	326	61.92	270.15	423	114.34	459.87	383	176.26
1999-00	198.00	363	71.94	285.97	369	105.57	483.97	367	177.51
2000-01	197.72	324	64.05	229.44	344	78.82	427.16	334	142.87
2001-02	225.87	398	89.87	335.17	406	136.09	561.04	403	225.96
2002-03	167.83	247	41.41	265.77	349	92.87	433.60	310	134.28
2003-04	242.86	321	78.06	288.01	369	106.35	530.87	347	184.41
2004-05	238.98	330	78.90	294.29	360	106.06	533.26	347	184.95
2005-06	264.46	328	86.64	308.98	426	131.68	573.44	381	218.32
2006-07	276.59	382	105.56	320.72	428	137.27	597.31	407	242.83
2007-08	277.80	403	111.98	322.17	443	142.72	599.97	425	254.70
2008-09	281.67	421	118.51	325.31	485	157.78	606.98	455	276.29
2009-10	287.11	404	115.93	349.48	429	149.80	636.59	417	265.73
2010-11	277.58	427	118.46	339.61	433	147.10	617.19	430	265.56
2011-12	270.33	449	121.25	320.23	392	125.64	590.56	418	246.89
2012-13	270.23	450	121.60	322.12	462	148.82	592.35	457	270.42
2013-14	253.00	442	111.83	345.14	464	160.14	598.14	455	271.97
2014-15	265.27	444	117.78	302.93	466	141.17	568.20	456	258.95
2015-16	274.98	432	118.79	247.92	465	115.28	522.90	448	234.07
2016-17	265.40	441	117.04	264.11	498	131.51	529.51	469	248.55
2017-18	254.62	455	115.85	265.00	508	134.62	519.62	482	250.47
2018-19	229.01	460	105.34	260.15	509	132.42	489.16	486	237.76
2019-20	191.49	452	86.55	243.23	507	123.32	434.72	483	209.87

AREA,YIELD & PRODUCTION OF ARHAR & KULTHI

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	RED GRAM/ ARHAR			HORSE GRAM (KULTHI)								
	KHARIF			KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	51.20	628	32.17	16.88	810	13.67	158.06	451	71.32	174.94	486	84.99
1971-72	49.60	489	24.26	11.66	488	5.69	161.96	430	69.60	173.62	434	75.29
1972-73	50.80	536	27.24	13.00	500	6.50	175.99	482	84.91	188.99	484	91.41
1973-74	53.97	500	26.98	13.15	459	6.03	176.62	458	80.91	189.77	458	86.94
1974-75	56.21	492	27.68	8.43	423	3.57	198.56	422	83.86	206.99	422	87.43
1975-76	57.64	545	31.43	10.74	504	5.41	231.43	457	105.67	242.17	459	111.08
1976-77	41.48	399	16.53	13.39	326	4.37	191.43	392	74.97	204.82	387	79.34
1977-78	57.57	530	30.50	9.16	478	4.38	300.86	461	138.72	310.02	462	143.10
1978-79	69.95	515	36.03	11.15	437	4.87	328.89	460	151.16	340.04	459	156.03
1979-80	76.11	401	30.54	10.64	362	3.85	352.13	303	106.68	362.77	305	110.53
1980-81	81.82	521	42.59	12.70	431	5.47	330.35	468	154.62	343.05	467	160.09
1981-82	103.58	731	75.70	10.44	482	5.03	375.05	521	195.23	385.49	519	200.26
1982-83	99.02	689	68.24	15.66	656	10.28	296.91	458	135.98	312.57	468	146.26
1983-84	127.12	779	99.09	12.75	509	6.49	352.84	410	144.67	365.59	413	151.16
1984-85	133.70	643	85.95	14.72	486	7.15	319.22	455	145.40	333.94	457	152.55
1985-86	139.90	701	98.11	13.94	635	8.85	340.14	483	164.12	354.08	489	172.97
1986-87	141.79	720	102.10	14.03	614	8.62	357.45	486	173.67	371.48	491	182.29
1987-88	141.02	733	103.36	18.23	424	7.73	412.70	484	199.92	430.93	482	207.65
1988-89	156.23	801	125.14	13.50	686	9.26	393.85	520	204.98	407.35	526	214.24
1989-90	163.69	853	139.57	9.43	602	5.68	381.39	531	202.68	390.82	533	208.36
1990-91	164.71	791	130.23	8.95	590	5.28	397.38	486	192.99	406.33	488	198.27
1991-92	168.47	767	129.21	11.16	523	5.84	398.80	495	197.31	409.96	496	203.15
1992-93	161.18	769	123.94	6.10	444	2.71	341.07	482	164.40	347.17	481	167.11
1993-94	166.66	763	127.12	6.81	430	2.93	371.36	503	186.84	378.17	502	189.77
1994-95	166.05	764	126.91	13.77	402	5.53	365.48	540	197.50	379.25	535	203.03
1995-96	166.47	760	126.51	13.55	460	6.23	350.15	523	183.10	363.70	521	189.33
1996-97	123.32	558	68.76	11.82	398	4.70	301.94	348	105.07	313.76	350	109.77
1997-98	146.64	592	86.81	11.55	400	4.62	342.13	373	127.72	353.68	374	132.34
1998-99	139.86	541	75.68	4.04	243	0.98	300.58	339	101.86	304.62	338	102.84
1999-00	136.08	628	85.50				290.33	334	96.91	290.33	334	96.91
2000-01	149.19	652	97.20				271.37	270	73.14	271.37	270	73.14
2001-02	126.44	645	81.56	5.92	427	2.53	278.92	333	92.97	284.84	335	95.50
2002-03	114.26	643	73.50	7.11	232	1.65	203.27	277	56.36	210.38	276	58.01
2003-04	136.54	700	95.59	5.96	337	2.01	260.69	327	85.23	266.65	327	87.24
2004-05	130.12	683	88.93				243.06	315	76.49	243.06	315	76.49
2005-06	132.76	742	98.50				254.65	359	91.36	254.65	359	91.36
2006-07	132.55	803	106.48				259.28	359	93.16	259.28	359	93.16
2007-08	137.35	825	113.33				261.54	362	94.61	261.54	362	94.61
2008-09	138.51	860	119.06				254.22	428	108.81	254.22	428	108.81
2009-10	132.92	841	111.80				240.75	389	93.67	240.75	389	93.67
2010-11	135.39	916	124.02				244.01	385	93.92	244.01	385	93.92
2011-12	142.14	812	115.38				230.15	360	82.82	230.15	360	82.82
2012-13	140.87	912	128.48				230.13	381	87.68	230.13	381	87.68
2013-14	138.88	896	124.44				231.16	385	89.00	231.16	385	89.00
2014-15	137.87	898	123.81				232.59	386	89.78	232.59	386	89.78
2015-16	138.29	886	122.52				194.96	387	75.45	194.96	387	75.45
2016-17	135.54	884	119.82				216.20	436	94.26	216.20	436	94.26
2017-18	137.89	897	123.69				200.01	457	91.40	200.01	457	91.40
2018-19	144.06	1022	147.23				205.25	448	91.95	205.25	448	91.95
2019-20	128.63	1124	144.58				235.67	446	105.11	235.67	446	105.11

AREA,YIELD & PRODUCTION OF COWPEA

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	10.69	585	6.25	1.80	600	1.08	12.49	587	7.33
1971-72	11.71	407	4.77	1.91	482	0.92	13.62	418	5.69
1972-73	12.35	383	4.73	1.99	543	1.08	14.34	405	5.81
1973-74	14.03	418	5.86	1.97	523	1.03	16.00	431	6.89
1974-75	14.77	393	5.80	2.58	453	1.17	17.35	402	6.97
1975-76	16.56	437	7.24	2.73	480	1.31	19.29	443	8.55
1976-77	17.50	395	6.92	2.51	514	1.29	20.01	410	8.21
1977-78	17.88	456	8.15	3.99	484	1.93	21.87	461	10.08
1978-79	21.15	468	9.90	4.01	496	1.99	25.16	473	11.89
1979-80	15.34	449	6.88	11.51	391	4.50	26.85	424	11.38
1980-81	17.63	522	9.20	3.96	530	2.10	21.59	523	11.30
1981-82	18.71	591	11.05	6.78	929	6.30	25.49	681	17.35
1982-83	9.85	594	5.85	3.52	639	2.25	13.37	606	8.10
1983-84	6.66	435	2.90	1.91	602	1.15	8.57	473	4.05
1984-85	6.86	439	3.01	2.25	538	1.21	9.11	463	4.22
1985-86	4.23	759	3.21	1.59	786	1.25	5.82	766	4.46
1986-87	7.36	592	4.36	9.52	532	5.06	16.88	558	9.42
1987-88	6.87	493	3.39	3.52	452	1.59	10.39	479	4.98
1988-89	9.75	607	5.92	3.78	550	2.08	13.53	591	8.00
1989-90	9.15	581	5.32	4.86	630	3.06	14.01	598	8.38
1990-91	9.67	605	5.85	5.89	637	3.75	15.56	617	9.60
1991-92	7.87	610	4.80	6.80	628	4.27	14.67	618	9.07
1992-93	12.35	540	6.67	5.06	575	2.91	17.41	550	9.58
1993-94	9.57	620	5.93	8.54	603	5.15	18.11	612	11.08
1994-95	10.41	676	7.04	9.48	603	5.72	19.89	642	12.76
1995-96	14.14	605	8.55	9.85	634	6.24	23.99	617	14.79
1996-97	15.79	497	7.85	8.83	565	4.99	24.62	522	12.84
1997-98	19.57	577	11.30	8.05	487	3.92	27.62	551	15.22
1998-99	25.46	504	12.84	15.63	455	7.11	41.09	486	19.95
1999-00	25.00	529	13.22	24.42	481	11.74	49.42	505	24.96
2000-01	26.61	545	14.51	7.24	500	3.62	33.85	536	18.13
2001-02	21.44	496	10.63	13.39	536	7.18	34.83	511	17.81
2002-03	20.79	521	10.83	10.12	584	5.91	30.91	542	16.74
2003-04	27.28	551	15.02	14.41	563	8.12	41.69	555	23.14
2004-05	23.87	566	13.51	19.00	625	11.88	42.86	592	25.39
2005-06	49.05	623	30.55	20.05	669	13.42	69.10	636	43.97
2006-07	64.87	644	41.76	18.41	670	12.34	83.28	650	54.10
2007-08	67.84	665	45.13	18.48	687	12.69	86.32	670	57.82
2008-09	66.48	672	44.69	23.19	763	17.69	89.67	696	62.38
2009-10	30.52	667	20.35	21.60	702	15.16	52.12	681	35.51
2010-11	23.83	742	17.69	27.48	659	18.10	51.31	698	35.79
2011-12	23.94	770	18.43	23.98	630	15.10	47.92	700	33.53
2012-13	30.71	775	23.80	19.60	702	13.76	50.31	747	37.56
2013-14	31.39	775	24.33	21.58	705	15.21	52.97	746	39.54
2014-15	30.88	777	23.99	22.41	708	15.87	53.29	748	39.86
2015-16	28.94	735	21.27	19.90	706	14.05	48.84	723	35.32
2016-17	31.07	732	22.74	23.44	711	16.66	54.51	723	39.40
2017-18	39.77	737	29.31	23.89	738	17.63	63.66	737	46.94
2018-19	40.09	745	29.87	24.56	740	18.17	64.65	743	48.04
2019-20	40.34	744	30.01	27.97	739	20.67	68.31	742	50.68

AREA,YIELD & PRODUCTION OF BENGAL GRAM, FIELD PEA & LENTIL

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	BENGAL GRAM (Rabi)			FIELD PEA (Rabi)			LENTIL(Rabi)		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	21.46	598	12.84	22.26	769	17.12			
1971-72	16.56	473	7.83	16.32	494	8.06			
1972-73	26.44	518	13.70	26.35	661	17.41			
1973-74	27.87	505	14.08	23.05	540	12.45			
1974-75	28.14	512	14.41	20.51	567	11.62			
1975-76	30.67	487	14.94	27.24	506	13.79			
1976-77	28.33	432	12.25	23.26	365	8.49			
1977-78	33.27	499	16.59	26.97	429	11.58			
1978-79	44.62	524	23.38	25.88	467	12.08			
1979-80	40.81	417	17.00	14.96	485	7.26			
1980-81	50.05	524	26.24	23.46	434	10.19			
1981-82	42.29	653	27.63	13.66	881	12.03			
1982-83	54.89	685	37.62	11.56	715	8.27			
1983-84	66.03	660	43.56	9.22	550	5.07			
1984-85	39.68	552	21.90	9.43	453	4.27			
1985-86	41.98	610	25.61	6.89	560	3.86			
1986-87	41.98	620	26.01	17.02	496	8.45			
1987-88	46.95	638	29.94	10.84	439	4.76			
1988-89	42.09	638	26.84	10.49	534	5.60			
1989-90	45.60	721	32.88	14.53	553	8.04			
1990-91	45.82	712	32.62	20.04	631	12.64			
1991-92	35.44	646	22.90	19.21	569	10.93			
1992-93	33.28	559	18.61	15.84	551	8.73			
1993-94	31.61	578	18.26	17.82	552	9.84	7.58	451	3.42
1994-95	34.83	571	19.90	18.53	624	11.56	9.72	404	3.93
1995-96	38.21	668	25.52	20.06	666	13.36	8.05	455	3.66
1996-97	29.09	637	18.54	17.61	516	9.08	3.83	386	1.48
1997-98	32.58	545	17.76	19.03	552	10.51	8.35	408	3.41
1998-99	31.57	494	15.58	24.74	529	13.09	15.36	335	5.14
1999-00	33.61	604	20.31	25.57	560	14.32	15.61	471	7.36
2000-01	20.63	619	12.76	14.56	500	7.28	3.88	412	1.60
2001-02	29.52	650	19.18	22.23	627	13.94	8.79	370	3.25
2002-03	21.04	619	13.02	16.78	585	9.82	4.31	376	1.62
2003-04	28.57	618	17.67	20.84	579	12.07	5.86	415	2.43
2004-05	32.81	608	19.94	22.20	618	13.72	10.4	397	4.13
2005-06	35.30	645	22.78	23.24	696	16.17	10.68	439	4.69
2006-07	36.84	651	23.98	23.49	709	16.66	11.85	447	5.30
2007-08	38.98	659	25.69	23.74	714	16.96	13.18	520	6.86
2008-09	37.58	663	24.92	26.46	715	18.92	12.77	535	6.83
2009-10	45.00	748	33.68	30.36	713	21.64	16.82	476	8.01
2010-11	41.91	780	32.67	34.59	751	25.99	10.35	520	5.38
2011-12	38.95	765	29.78	31.21	724	22.59	11.11	508	5.64
2012-13	41.23	774	31.91	31.79	735	23.37	14.45	522	7.55
2013-14	47.15	768	36.21	35.85	738	26.46	11.95	522	6.24
2014-15	47.25	770	36.38	35.00	740	25.90	12.37	524	6.48
2015-16	39.18	769	30.13	28.10	738	20.74	7.48	521	3.90
2016-17	40.32	768	30.97	33.91	740	25.09	11.23	524	5.88
2017-18	32.94	778	25.63	30.77	768	23.63	10.64	528	5.62
2018-19	30.57	780	23.84	31.60	768	24.27	9.73	528	5.14
2019-20	27.82	779	21.67	33.40	767	25.62	9.34	529	4.94

AREA,YIELD & PRODUCTION OF OTHER PULSES

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	8.82	575	5.07	29.54	465	13.73	38.36	490	18.80
1971-72	12.67	484	6.13	19.39	383	7.43	32.06	423	13.56
1972-73	7.85	470	3.69	71.32	490	34.97	79.17	488	38.66
1973-74	3.69	392	1.45	29.34	446	13.08	33.03	440	14.52
1974-75	1.16	627	0.73	45.87	322	14.78	47.03	330	15.51
1975-76	17.02	325	5.52	58.25	368	21.43	75.26	358	26.95
1976-77	11.99	762	9.13	34.94	318	11.13	46.93	432	20.26
1977-78	19.25	335	6.45	87.98	401	35.32	107.22	390	41.77
1978-79	14.68	443	6.51	70.53	440	31.07	85.21	441	37.58
1979-80	19.63	554	10.88	79.98	388	31.07	99.61	421	41.95
1980-81	23.38	696	16.28	82.83	434	35.96	106.22	492	52.24
1981-82	28.60	1117	31.95	134.76	464	62.48	163.36	578	94.43
1982-83	61.15	328	20.04	73.02	501	36.55	134.17	422	56.58
1983-84	53.26	400	21.31	148.33	367	54.50	201.58	376	75.81
1984-85	50.99	600	30.61	105.43	469	49.49	156.42	512	80.10
1985-86	56.61	449	25.44	135.31	502	67.89	191.92	486	93.33
1986-87	49.43	515	25.44	106.12	442	46.92	165.55	437	72.36
1987-88	47.18	463	21.83	116.51	452	52.72	163.69	456	74.60
1988-89	55.05	544	29.93	111.57	525	58.59	166.62	529	88.19
1989-90	55.29	593	32.80	108.62	500	54.27	163.91	531	87.07
1990-91	58.28	471	27.47	111.73	491	54.84	170.01	484	82.31
1991-92	61.93	527	32.64	111.58	472	52.65	173.51	491	85.28
1992-93	56.40	597	33.67	97.87	420	41.06	154.27	484	74.73
1993-94	65.01	467	30.34	110.29	422	46.58	175.30	439	76.92
1994-95	58.64	470	27.57	114.32	432	49.39	172.96	445	76.96
1995-96	55.31	533	29.49	123.34	451	55.57	178.65	476	85.06
1996-97									
1997-98									
1998-99									
1999-00									
2000-01									
2001-02									
2002-03									
2003-04									
2004-05									
2005-06	21.73	374	8.12	50.35	420	21.15	72.08	406	29.27
2006-07	7.30	466	3.40	59.96	447	26.82	67.26	449	30.22
2007-08	7.11	473	3.36	64.12	452	28.96	71.23	454	32.32
2008-09	15.63	430	6.72	62.80	451	28.31	78.43	447	35.03
2009-10	57.54	492	28.29	47.75	471	22.49	105.29	482	50.78
2010-11	54.85	500	27.43	54.05	478	25.83	108.90	489	53.26
2011-12	59.41	474	28.16	52.44	470	24.67	111.85	472	52.83
2012-13	50.20	483	24.24	57.49	498	28.63	107.69	491	52.87
2013-14	49.18	485	23.85	65.95	492	32.45	115.13	489	56.30
2014-15	54.54	485	26.45	70.48	492	34.68	125.02	489	61.13
2015-16	63.88	428	27.34	52.14	490	25.55	116.02	456	52.89
2016-17	62.79	432	27.13	67.38	488	32.90	130.17	461	60.03
2017-18	65.97	439	28.96	91.62	482	44.16	157.59	464	73.12
2018-19	67.25	445	29.93	72.18	486	35.08	139.43	466	65.01
2019-20	80.81	446	36.04	77.94	487	37.96	158.75	466	74.00

AREA,YIELD & PRODUCTION OF TOTAL PULSES

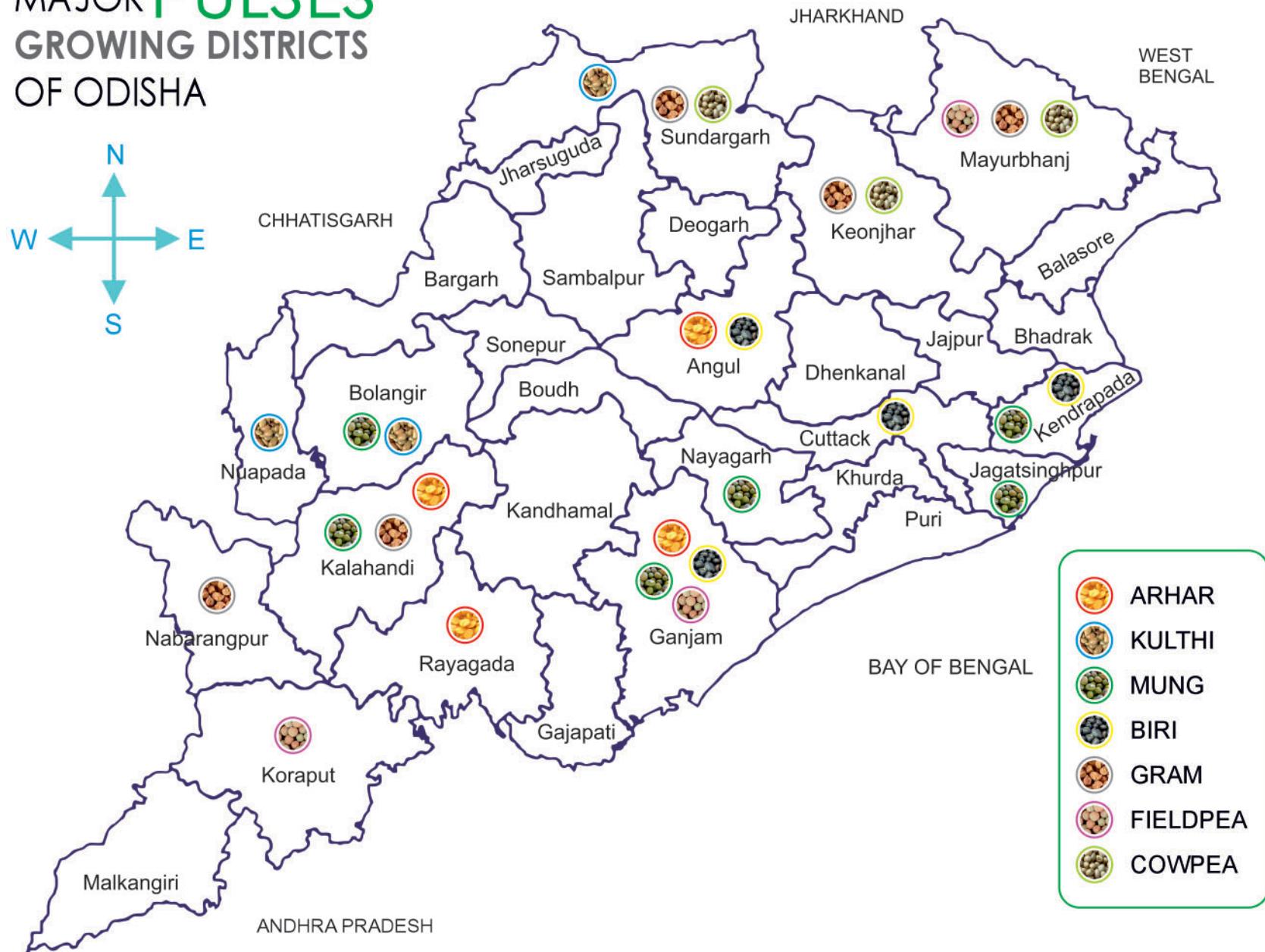
Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	165.97	627	104.01	672.73	539	362.68	838.70	556	466.69
1971-72	181.00	477	86.29	679.88	447	303.97	860.88	453	390.26
1972-73	163.25	509	83.05	776.63	522	405.76	939.88	520	488.81
1973-74	171.82	469	80.64	790.96	498	393.53	962.78	492	474.16
1974-75	160.55	444	71.33	841.93	424	357.10	1002.48	427	428.43
1975-76	203.45	462	93.96	929.90	465	432.81	1133.34	465	526.77
1976-77	187.77	406	76.16	779.63	434	338.74	967.40	429	414.90
1977-78	208.51	482	100.55	1161.72	495	575.57	1370.22	493	676.12
1978-79	248.32	496	123.08	1317.77	507	667.78	1566.09	505	790.86
1979-80	270.55	353	95.41	1380.98	345	475.85	1651.53	346	571.26
1980-81	317.41	506	160.58	1408.10	519	730.94	1725.52	517	891.52
1981-82	380.92	649	247.11	1492.92	545	813.67	1873.84	566	1060.78
1982-83	462.58	578	267.34	1153.54	570	658.04	1616.12	573	925.37
1983-84	513.32	602	308.93	1523.57	493	751.71	2036.88	521	1060.64
1984-85	536.47	532	285.42	1120.43	511	572.80	1656.90	518	858.22
1985-86	560.20	570	319.09	1372.63	565	775.86	1932.83	567	1094.95
1986-87	565.00	526	297.00	1407.23	534	751.81	1972.23	532	1048.81
1987-88	547.23	477	261.06	1520.61	493	749.88	2067.84	489	1010.94
1988-89	625.71	619	387.39	1354.17	533	721.42	1979.88	560	1108.81
1989-90	647.48	672	435.23	1365.89	499	681.44	2013.37	555	1116.67
1990-91	669.09	614	410.95	1462.24	522	763.89	2131.33	551	1174.84
1991-92	682.02	569	387.87	1460.83	510	745.08	2142.85	529	1132.95
1992-93	680.61	571	388.38	1303.17	512	667.72	1983.78	532	1056.10
1993-94	700.74	563	394.69	1428.59	502	717.84	2129.33	522	1112.53
1994-95	700.72	577	404.41	1451.49	518	752.53	2152.21	538	1156.94
1995-96	719.44	592	425.78	1459.10	526	768.00	2178.54	548	1193.78
1996-97	534.22	418	223.41	923.62	374	345.30	1457.84	390	568.71
1997-98	533.05	456	243.20	1140.82	409	466.82	1673.87	424	710.02
1998-99	504.17	400	201.57	1058.71	386	409.09	1562.88	391	610.66
1999-00	508.08	437	222.13	1116.51	387	431.93	1624.59	403	654.06
2000-01	541.37	426	230.54	848.61	326	276.32	1389.98	365	506.86
2001-02	552.69	444	245.20	1190.91	379	451.58	1743.60	400	696.78
2002-03	457.49	356	162.73	857.03	345	295.76	1314.52	349	458.49
2003-04	614.98	406	249.66	1027.50	363	373.03	1642.48	379	622.69
2004-05	594.44	408	242.48	1056.54	362	382.10	1650.97	378	624.58
2005-06	688.89	429	295.46	1191.14	419	498.71	1880.03	422	794.17
2006-07	708.30	482	341.73	1243.09	422	524.13	1951.39	444	865.86
2007-08	718.85	507	364.39	1262.56	431	543.95	1981.41	458	908.34
2008-09	738.01	527	388.80	1262.70	479	605.23	2000.71	497	994.03
2009-10	750.69	505	379.16	1341.34	435	583.35	2092.03	460	962.51
2010-11	720.13	539	388.03	1359.55	450	611.35	2079.68	481	999.38
2011-12	729.40	540	393.81	1274.17	414	527.08	2003.57	460	920.89
2012-13	722.89	564	407.79	1319.04	477	628.98	2041.93	508	1036.77
2013-14	685.61	559	383.36	1402.69	481	674.79	2088.30	507	1058.15
2014-15	712.62	556	396.22	1368.12	483	660.55	2080.74	508	1056.77
2015-16	721.29	536	386.33	1143.37	481	549.76	1864.66	502	936.09
2016-17	711.94	538	382.92	1274.89	483	615.28	1986.83	502	998.20
2017-18	708.09	554	392.45	1339.26	510	683.52	2047.35	526	1075.97
2018-19	665.99	596	396.62	1285.46	511	657.23	1951.45	540	1053.85
2019-20	607.57	614	373.18	1314.67	511	671.58	1922.24	544	1044.76

MAJOR PULSES GROWING DISTRICTS OF ODISHA



AREA,YIELD & PRODUCTION OF TOTAL FOODGRAINS

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	4895.89	873	4275.17	838.98	701	588.03	5734.87	848	4863.20
1971-72	5062.36	739	3739.58	887.39	692	614.21	5949.75	732	4353.79
1972-73	4874.42	839	4088.43	1041.14	743	773.98	5915.56	822	4862.41
1973-74	5180.21	879	4552.23	1037.58	695	721.49	6217.79	848	5273.71
1974-75	4904.86	672	3296.41	1086.42	621	674.24	5991.28	663	3970.65
1975-76	5278.34	898	4738.81	1210.28	687	831.32	6488.61	858	5570.13
1976-77	4999.23	672	3357.42	1038.59	697	724.32	6037.82	676	4081.74
1977-78	5062.38	899	4551.92	1456.71	691	1006.75	6519.08	853	5558.67
1978-79	5095.55	930	4737.65	1584.11	648	1027.13	6679.66	863	5764.78
1979-80	4846.72	641	3105.13	1608.18	480	771.15	6454.90	601	3876.28
1980-81	5217.95	923	4816.15	1690.86	690	1166.04	6908.82	866	5982.19
1981-82	5003.47	875	4377.13	1734.93	678	1176.51	6738.40	824	5553.64
1982-83	4937.30	722	3562.80	1479.42	752	1113.12	6416.72	729	4675.91
1983-84	5457.08	1044	5697.44	1866.01	699	1305.17	7323.08	956	7002.61
1984-85	5278.84	872	4602.45	1373.25	738	1014.09	6652.09	844	5616.54
1985-86	5379.27	1062	5713.17	1663.31	751	1249.59	7042.58	989	6962.76
1986-87	5333.87	964	5140.17	1676.61	738	1237.75	7010.48	910	6377.92
1987-88	4937.61	776	3831.60	1790.18	680	1216.98	6727.79	750	5048.58
1988-89	5243.29	1103	5784.95	1613.35	754	1216.98	6856.64	1021	7001.93
1989-90	5340.99	1265	6758.70	1630.65	745	1214.87	6971.64	1144	7973.57
1990-91	5357.11	1074	5755.04	1731.60	737	1276.22	7088.71	992	7031.26
1991-92	5449.48	1251	6818.02	1802.52	807	1455.13	7252.00	1141	8273.15
1992-93	5390.41	1068	5757.95	1555.64	733	1139.86	6946.05	993	6897.81
1993-94	5498.24	1261	6931.73	1709.16	751	1283.52	7207.40	1140	8215.25
1994-95	5358.43	1242	6653.23	1761.15	757	1332.57	7119.58	1122	7985.80
1995-96	5420.07	1203	6519.37	1773.97	791	1403.55	7194.04	1101	7922.92
1996-97	5137.90	847	4353.11	1222.46	813	993.43	6360.36	841	5346.54
1997-98	5210.91	1219	6354.08	1405.45	681	957.17	6616.36	1105	7311.25
1998-99	5092.81	1066	5427.06	1359.36	700	951.22	6452.17	989	6378.28
1999-00	5155.31	947	4879.77	1531.92	905	1385.96	6687.23	937	6265.73
2000-01	5181.27	924	4785.51	1081.32	693	749.45	6262.59	884	5534.96
2001-02	5185.14	1380	7157.54	1497.72	717	1074.43	6682.86	1232	8231.97
2002-03	4935.26	669	3303.27	1056.58	702	741.65	5991.84	675	4044.92
2003-04	5254.31	1291	6784.62	1313.67	725	951.90	6567.98	1178	7736.52
2004-05	5197.57	1253	6511.61	1378.72	781	1076.25	6576.28	1154	7587.86
2005-06	5243.38	1328	6961.92	1546.30	814	1258.68	6789.68	1211	8220.60
2006-07	5252.00	1331	6992.95	1587.86	822	1305.03	6839.86	1213	8297.98
2007-08	5255.88	1488	7820.77	1628.80	880	1433.67	6884.68	1344	9254.44
2008-09	5282.02	1350	7132.82	1629.95	921	1501.02	6911.97	1249	8633.84
2009-10	5277.98	1389	7333.30	1642.25	836	1373.52	6920.23	1258	8706.82
2010-11	5092.42	1414	7200.08	1690.89	929	1570.10	6783.31	1293	8770.18
2011-12	4938.56	1265	6245.11	1543.74	888	1371.02	6482.30	1175	7616.13
2012-13	4930.87	1991	9817.65	1629.87	970	1581.15	6560.74	1737	11398.80
2013-14	5017.12	1564	7845.23	1739.38	1028	1787.23	6756.50	1426	9632.46
2014-15	5012.96	2011	10079.45	1701.65	1025	1744.40	6714.61	1761	11823.85
2015-16	4828.60	1291	6233.76	1401.32	996	1395.98	6229.92	1225	7629.74
2016-17	4851.70	2101	10191.65	1526.26	977	1490.99	6377.96	1832	11682.64
2017-18	4629.22	1519	7030.94	1585.94	915	1451.90	6215.16	1365	8482.84
2018-19	4637.14	1726	8004.76	1587.37	1050	1667.11	6224.51	1554	9671.87
2019-20	4638.86	2154	9990.16	1625.46	972	1580.26	6264.32	1847	11570.42

AREA,YIELD & PRODUCTION OF GROUNDNUT

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	58.71	1111	65.25	11.59	1904	22.07	70.30	1242	87.32
1971-72	60.77	1245	75.66	17.60	1964	34.56	78.37	1406	110.22
1972-73	68.53	1223	83.82	17.57	2067	36.32	86.10	1395	120.14
1973-74	75.58	1336	100.94	17.93	2067	37.07	93.51	1476	138.01
1974-75	76.70	1267	97.18	26.74	1668	44.61	103.44	1371	141.79
1975-76	77.99	1066	83.14	31.03	1660	51.51	109.02	1235	134.65
1976-77	76.60	974	74.64	28.13	1563	43.98	104.73	1133	118.62
1977-78	73.40	1025	75.21	45.65	1522	69.50	119.05	1216	144.71
1978-79	76.49	1141	87.28	67.39	1550	104.47	143.88	1333	191.75
1979-80	91.23	598	54.52	83.34	818	68.17	174.57	703	122.69
1980-81	82.09	1138	93.38	90.32	1524	137.64	172.41	1340	231.02
1981-82	105.98	961	101.89	110.03	1728	190.18	216.01	1352	292.07
1982-83	157.20	998	156.90	116.52	1419	165.30	273.72	1177	322.20
1983-84	154.38	1439	222.14	104.12	1703	177.29	258.50	1545	399.43
1984-85	174.40	1000	174.40	123.26	1726	212.77	297.66	1301	387.17
1985-86	184.44	1170	215.75	138.66	1787	247.75	323.10	1435	463.50
1986-87	188.48	1038	195.62	156.90	1558	244.50	345.38	1274	440.12
1987-88	202.34	1051	212.70	184.95	1499	277.29	387.29	1265	489.99
1988-89	223.16	1128	251.72	152.67	1602	244.58	375.83	1321	496.30
1989-90	224.00	1009	225.93	147.43	1596	235.32	371.43	1242	461.25
1990-91	215.77	1116	240.73	180.39	1761	317.73	396.16	1410	558.46
1991-92	202.26	1092	220.90	154.22	1791	276.15	356.48	1394	497.05
1992-93	179.80	1094	196.74	185.62	1330	246.89	365.42	1214	443.63
1993-94	164.30	1249	205.28	166.16	1675	278.37	330.46	1464	483.65
1994-95	132.75	1254	166.46	173.39	1724	298.93	306.14	1520	465.39
1995-96	140.31	1354	190.00	178.25	1460	260.24	318.56	1413	450.24
1996-97	134.21	917	123.04	149.10	1086	161.92	283.31	1006	284.96
1997-98	125.36	1028	128.92	135.53	1377	186.57	260.89	1209	315.49
1998-99	116.04	1079	125.17	139.02	976	135.73	255.06	1023	260.90
1999-00	100.44	1030	103.49	150.02	1712	256.77	250.46	1438	360.26
2000-01	94.53	923	87.26	121.26	1164	141.15	215.79	1058	228.41
2001-02	91.18	943	85.99	142.69	1735	247.56	233.87	1426	333.55
2002-03	77.01	847	65.19	104.94	1449	152.04	181.95	1194	217.23
2003-04	84.83	963	81.72	145.69	1750	254.96	230.52	1461	336.68
2004-05	91.95	1051	96.62	139.95	1820	254.66	231.90	1515	351.29
2005-06	90.31	1083	97.82	130.96	1868	244.57	221.27	1547	342.39
2006-07	86.82	1094	95.01	150.10	1891	283.90	236.92	1599	378.91
2007-08	89.55	1313	117.60	161.95	1922	311.29	251.50	1705	428.89
2008-09	89.54	1521	136.19	166.51	1936	322.36	256.05	1791	458.55
2009-10	87.71	1311	115.01	155.66	1824	283.91	243.37	1639	398.92
2010-11	82.15	1397	114.74	165.54	1821	301.37	247.69	1680	416.11
2011-12	86.59	1454	125.88	168.55	1836	309.54	255.14	1707	435.42
2012-13	85.14	1460	124.31	178.27	1924	342.99	263.41	1774	467.30
2013-14	84.19	1462	123.09	183.49	1936	355.24	267.68	1787	478.33
2014-15	84.25	1472	124.02	174.98	1939	339.29	259.23	1787	463.31
2015-16	84.84	1442	122.34	136.45	1941	264.85	221.29	1750	387.19
2016-17	70.95	1446	102.59	138.86	1973	274.00	209.81	1795	376.59
2017-18	65.18	1462	95.29	132.83	1978	262.74	198.01	1808	358.03
2018-19	68.94	1465	101.00	123.14	1982	244.06	192.08	1796	345.06
2019-20	68.03	1622	110.34	136.79	2029	277.55	204.82	1894	387.89

AREA,YIELD & PRODUCTION OF SESAMUM (TIL)

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	51.34	445	22.83	39.45	545	21.49	90.79	488	44.32
1971-72	56.15	480	26.94	37.73	508	19.18	93.88	491	46.12
1972-73	60.82	469	28.50	41.03	562	23.04	101.85	506	51.54
1973-74	54.53	490	26.72	39.07	520	20.31	93.60	502	47.03
1974-75	57.57	405	23.33	46.73	494	23.07	104.30	445	46.40
1975-76	65.09	411	26.77	54.29	498	27.02	119.38	451	53.79
1976-77	69.37	355	24.63	42.77	434	18.55	112.14	385	43.18
1977-78	69.97	409	28.65	70.58	511	36.10	140.55	461	64.75
1978-79	79.10	432	34.15	83.42	525	43.81	162.52	480	77.96
1979-80	83.75	262	21.93	97.23	263	25.58	180.98	263	47.51
1980-81	59.25	442	26.21	97.23	489	47.59	156.48	472	73.80
1981-82	120.05	540	64.77	110.32	531	58.63	230.37	536	123.40
1982-83	146.33	491	71.83	91.87	588	54.06	238.20	529	125.89
1983-84	192.53	442	85.04	121.41	479	58.15	313.94	456	143.19
1984-85	164.32	484	79.61	98.74	523	51.65	263.06	499	131.26
1985-86	173.35	500	86.60	104.77	529	55.47	278.12	511	142.07
1986-87	178.44	506	90.35	104.48	514	53.66	282.92	509	144.01
1987-88	175.61	495	86.94	110.46	534	59.04	286.07	510	145.98
1988-89	211.74	559	118.33	95.25	523	49.85	306.99	548	168.18
1989-90	219.55	593	130.24	115.82	542	62.83	335.37	576	193.07
1990-91	233.29	554	129.34	108.86	557	60.67	342.15	555	190.01
1991-92	239.23	361	86.26	105.92	354	37.49	345.15	359	123.75
1992-93	237.79	388	92.17	84.92	425	36.06	322.71	397	128.23
1993-94	252.93	468	118.32	105.72	470	49.71	358.65	469	168.03
1994-95	261.68	463	121.03	115.19	510	58.76	376.87	477	179.79
1995-96	274.72	482	132.45	108.52	539	58.49	383.24	498	190.94
1996-97	216.95	326	70.67	62.95	355	22.35	279.90	332	93.02
1997-98	209.00	355	74.29	71.20	362	25.80	280.20	357	100.09
1998-99	212.76	292	62.02	71.03	312	22.18	283.79	297	84.20
1999-00	203.00	316	64.05	73.98	366	27.09	276.98	329	91.14
2000-01	149.40	291	43.53	46.92	347	16.26	196.32	305	59.79
2001-02	208.81	340	70.95	87.18	378	32.95	295.99	351	103.90
2002-03	100.36	265	26.57	58.67	294	17.23	159.03	275	43.80
2003-04	197.11	261	51.37	78.99	318	25.13	276.10	277	76.50
2004-05	239.39	262	62.79	86.00	298	25.59	325.39	272	88.38
2005-06	249.39	312	77.79	74.63	348	26.00	324.02	320	103.79
2006-07	240.05	331	79.55	73.44	359	26.39	313.49	338	105.94
2007-08	233.04	424	98.74	71.73	370	26.56	304.77	411	125.30
2008-09	223.04	442	98.58	75.83	389	29.50	298.87	429	128.08
2009-10	211.76	387	81.85	72.43	375	27.17	284.19	384	109.02
2010-11	196.80	387	76.10	63.82	382	24.35	260.62	385	100.45
2011-12	177.85	414	73.59	57.83	381	22.06	235.68	406	95.65
2012-13	170.45	415	70.70	59.74	392	23.42	230.19	409	94.12
2013-14	146.70	408	59.85	66.15	393	26.00	212.85	403	85.85
2014-15	168.29	410	69.00	64.88	394	25.56	233.17	406	94.56
2015-16	163.78	392	64.20	45.19	393	17.76	208.97	392	81.96
2016-17	157.17	390	61.30	46.02	394	18.14	203.19	391	79.44
2017-18	159.60	398	63.52	44.12	402	17.74	203.72	399	81.26
2018-19	158.25	402	63.62	44.74	401	17.94	202.99	402	81.56
2019-20	156.20	412	10.10	44.23	402	17.78	200.43	411	82.31

AREA,YIELD & PRODUCTION OF CASTOR

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	10.46	799	8.36	12.16	669	8.14	22.62	729	16.50
1971-72	11.06	893	9.88	11.50	721	8.29	22.56	805	18.17
1972-73	11.20	767	8.59	15.31	835	12.78	26.51	806	21.37
1973-74	12.93	674	8.71	14.70	733	10.78	27.63	705	19.49
1974-75	11.01	544	5.99	15.24	585	8.91	26.25	568	14.90
1975-76	12.47	543	6.77	16.24	555	9.01	28.71	550	15.78
1976-77	13.01	490	6.37	10.63	473	5.03	23.64	482	11.40
1977-78	12.83	514	6.59	17.32	472	8.17	30.15	490	14.76
1978-79	13.66	552	7.54	23.57	552	13.02	37.23	552	20.56
1979-80	16.80	363	6.09	24.48	385	9.43	41.28	376	15.52
1980-81	17.77	543	9.65	26.01	507	13.19	43.78	522	22.84
1981-82	20.40	577	11.78	24.44	578	14.12	44.84	578	25.90
1982-83	20.83	523	10.90	21.44	579	12.42	42.27	552	23.32
1983-84	19.38	605	11.73	23.18	606	14.04	42.56	605	25.77
1984-85	25.31	518	13.12	26.40	555	14.66	51.71	537	27.78
1985-86	17.43	570	9.94	21.25	603	12.81	38.68	588	22.75
1986-87	17.38	546	9.49	17.58	481	8.45	34.96	513	17.94
1987-88	16.74	575	9.63	17.39	493	8.57	34.13	533	18.20
1988-89	16.29	530	8.64	16.65	557	9.27	32.94	544	17.91
1989-90	16.09	607	9.76	16.31	668	10.90	32.40	638	20.66
1990-91	14.54	553	8.04	16.13	615	9.92	30.67	586	17.96
1991-92	14.19	539	7.65	14.41	518	7.46	28.60	528	15.11
1992-93	13.50	536	7.23	12.05	486	5.86	25.55	512	13.09
1993-94	12.71	534	6.79	12.90	495	6.39	25.61	515	13.18
1994-95	13.04	516	6.73	13.38	546	7.31	26.42	531	14.04
1995-96	13.05	519	6.77	15.82	556	8.80	28.87	539	15.57
1996-97	13.73	393	5.40	11.87	432	5.13	25.60	411	10.53
1997-98	12.71	423	5.37	11.90	471	5.60	24.61	446	10.97
1998-99	11.90	423	5.03	10.34	411	4.25	22.24	417	9.28
1999-00	12.16	515	6.26	10.08	476	4.80	22.24	497	11.06
2000-01	9.71	520	5.05	8.65	455	3.94	18.36	490	8.99
2001-02	8.67	497	4.31	9.22	544	5.02	17.89	522	9.33
2002-03	7.83	461	3.61	6.40	430	2.75	14.23	447	6.36
2003-04	10.90	513	5.59	6.83	447	3.05	17.73	487	8.64
2004-05	11.12	510	5.67	6.96	505	3.51	18.07	508	9.18
2005-06	10.13	556	5.63	5.66	555	3.14	15.79	555	8.77
2006-07	10.92	617	6.74	6.41	588	3.77	17.33	606	10.51
2007-08	11.73	645	7.57	6.46	598	3.86	18.19	628	11.43
2008-09	10.77	653	7.03	6.41	608	3.90	17.18	636	10.93
2009-10	9.66	633	6.11	6.23	616	3.84	15.89	626	9.95
2010-11	8.49	597	5.07	6.05	636	3.85	14.54	613	8.92
2011-12	7.84	626	4.91	5.06	650	3.29	12.90	636	8.20
2012-13	7.44	630	4.69	5.10	665	3.39	12.54	644	8.08
2013-14	7.29	621	4.53	5.44	662	3.60	12.73	639	8.13
2014-15	7.05	624	4.40	3.88	662	2.57	10.93	638	6.97
2015-16	7.23	618	4.47	3.22	661	2.13	10.45	632	6.60
2016-17	5.75	614	3.53	3.16	661	2.09	8.91	631	5.62
2017-18	5.32	618	3.29	2.45	661	1.62	7.77	632	4.91
2018-19	4.68	620	2.90	2.56	660	1.69	7.24	634	4.59
2019-20	4.51	625	2.82	2.28	662	1.51	6.79	638	4.33

AREA,YIELD & PRODUCTION OF NIGER

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	6.59	571	3.76	71.23	457	32.56	77.82	467	36.32
1971-72	14.01	719	10.08	54.34	426	23.16	68.35	486	33.24
1972-73	14.18	494	7.01	59.59	421	25.09	73.77	435	32.10
1973-74	20.93	489	10.24	63.22	456	28.84	84.15	464	39.08
1974-75	31.22	455	14.20	77.91	336	26.20	109.13	370	40.40
1975-76	36.50	522	19.04	76.38	373	28.51	112.88	421	47.55
1976-77	37.37	386	14.41	60.14	349	21.00	97.51	363	35.41
1977-78	33.77	328	11.06	78.17	398	31.10	111.94	377	42.16
1978-79	40.20	361	14.50	89.60	411	36.80	129.80	395	51.30
1979-80	48.05	332	15.97	94.19	239	22.49	142.24	270	38.46
1980-81	44.57	359	15.98	113.57	439	49.85	158.14	416	65.83
1981-82	48.00	331	15.89	115.85	421	48.75	163.85	395	64.64
1982-83	57.68	426	24.57	85.52	413	35.34	143.20	418	59.91
1983-84	69.87	421	29.43	176.55	391	69.11	246.42	400	98.54
1984-85	55.23	422	23.29	104.03	436	45.37	159.26	431	68.66
1985-86	54.33	400	21.75	122.51	377	46.20	176.84	384	67.95
1986-87	50.92	496	25.27	115.12	413	47.60	166.04	439	72.87
1987-88	63.75	549	35.00	128.35	373	47.82	192.10	431	82.82
1988-89	73.94	451	33.31	117.40	433	50.85	191.34	440	84.16
1989-90	76.55	542	41.51	116.43	446	51.97	192.98	484	93.48
1990-91	86.87	507	44.00	94.89	443	42.03	181.76	473	86.03
1991-92	105.81	536	56.68	100.54	448	45.03	206.35	493	101.71
1992-93	107.46	389	41.81	85.45	429	36.62	192.91	407	78.43
1993-94	101.05	527	53.25	92.84	433	40.16	193.89	482	93.41
1994-95	123.18	476	58.61	81.22	431	35.04	204.40	458	93.65
1995-96	142.65	484	69.05	67.49	441	29.78	210.14	470	98.83
1996-97	110.94	329	36.47	48.09	315	15.13	159.03	324	51.60
1997-98	128.08	321	41.09	47.16	337	15.88	175.24	325	56.97
1998-99	126.02	286	36.00	26.54	356	9.46	152.56	298	45.46
1999-00	118.03	328	38.67	19.01	369	7.02	137.04	333	45.69
2000-01	126.53	237	29.98	31.50	287	9.03	158.03	247	39.01
2001-02	115.17	234	26.96	28.29	313	8.86	143.46	250	35.82
2002-03	98.06	159	15.56	19.93	292	5.81	117.99	181	21.37
2003-04	110.64	232	25.66	19.61	315	6.17	130.25	244	31.83
2004-05	107.27	266	28.53	16.35	333	5.44	123.62	275	33.97
2005-06	103.19	312	32.18	16.18	362	5.85	119.37	319	38.03
2006-07	99.78	330	32.95	15.96	363	5.79	115.74	335	38.74
2007-08	94.77	342	32.39	14.26	377	5.38	109.03	346	37.77
2008-09	92.17	354	32.64	12.53	381	4.77	104.70	357	37.41
2009-10	89.25	309	27.57	7.62	508	3.87	96.87	325	31.44
2010-11	85.72	417	35.72	7.63	406	3.10	93.35	416	38.82
2011-12	79.89	366	29.27	5.77	435	2.51	85.66	371	31.78
2012-13	69.73	352	24.56	6.31	444	2.80	76.04	360	27.36
2013-14	61.11	354	21.63	3.73	445	1.66	64.84	359	23.29
2014-15	65.04	357	23.22	3.86	446	1.72	68.90	362	24.94
2015-16	60.91	348	21.20	3.02	447	1.35	63.93	353	22.55
2016-17	60.22	350	21.08	3.53	448	1.58	63.75	355	22.66
2017-18	56.16	364	20.44	3.04	451	1.37	59.20	368	21.81
2018-19	50.31	362	18.21	2.87	453	1.30	53.18	367	19.51
2019-20	50.52	371	18.74	2.52	448	1.13	53.04	375	19.89

AREA,YIELD & PRODUCTION OF SUNFLOWER

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71									
1971-72									
1972-73				0.90	589	0.53	0.90	589	0.53
1973-74				0.69	490	0.34	0.69	493	0.34
1974-75				3.12	360	1.11	3.12	356	1.11
1975-76	0.34	490	0.17	1.42	520	0.74	1.76	517	0.91
1976-77	0.23	330	0.08	1.14	491	0.56	1.37	467	0.64
1977-78	0.20	372	0.10	0.80	477	0.40	1.00	500	0.50
1978-79	0.27	417	0.11	1.10	489	0.54	1.37	474	0.65
1979-80	0.16	230	0.04	0.84	360	0.30	1.00	340	0.34
1980-81	0.27	350	0.09	1.02	430	0.43	1.29	403	0.52
1981-82	0.41	490	0.20	0.49	520	0.25	0.90	500	0.45
1982-83	0.50	760	0.38	0.41	500	0.20	0.91	637	0.58
1983-84	0.40	619	0.30	0.50	502	0.20	0.90	556	0.50
1984-85	0.55	449	0.23	0.40	516	0.20	0.95	453	0.43
1985-86	2.15	428	0.92	0.99	525	0.52	3.14	459	1.44
1986-87	4.56	400	1.82	1.11	423	0.47	5.67	404	2.29
1987-88	0.53	321	0.17	1.16	509	0.59	1.69	450	0.76
1988-89	1.66	541	0.91	1.19	504	0.60	2.85	530	1.51
1989-90	1.20	558	0.67	0.14	500	0.07	1.34	552	0.74
1990-91	1.44	535	0.80	3.11	460	1.40	4.55	484	2.20
1991-92	0.60	641	0.40	4.10	734	3.00	4.70	723	3.40
1992-93	3.87	351	1.40	1.77	757	1.30	5.64	479	2.70
1993-94	1.90	487	0.94	3.70	542	1.99	5.60	523	2.93
1994-95	0.70	464	0.30	1.20	550	0.70	1.90	526	1.00
1995-96	0.80	675	0.50	1.30	550	0.70	2.10	571	1.20
1996-97	0.20	526	0.10	2.00	455	0.90	2.20	455	1.00
1997-98	0.50	500	0.30	5.70	556	3.10	6.20	548	3.40
1998-99	0.50	593	0.30	10.00	798	8.00	10.50	790	8.30
1999-00	0.60	579	0.30	8.80	811	7.10	9.40	787	7.40
2000-01	0.83	578	0.48	4.25	732	3.11	5.08	707	3.59
2001-02	0.46	435	0.20	8.94	766	6.85	9.40	750	7.05
2002-03	0.05	600	0.03	3.86	676	2.61	3.91	675	2.64
2003-04	0.82	573	0.47	5.23	750	3.92	6.05	726	4.39
2004-05	1.07	705	0.76	6.51	782	5.09	7.58	771	5.85
2005-06	0.72	625	0.45	8.80	831	7.31	9.52	815	7.76
2006-07	0.86	698	0.60	13.82	951	13.14	14.68	936	13.74
2007-08	0.84	679	0.57	18.17	995	18.08	19.01	981	18.65
2008-09	0.60	717	0.43	14.25	934	13.31	14.85	925	13.74
2009-10	0.52	712	0.37	17.21	908	15.62	17.73	902	15.99
2010-11	0.44	705	0.31	20.19	1055	21.31	20.63	1048	21.62
2011-12	0.44	705	0.31	23.25	1190	27.66	23.69	1181	27.97
2012-13	0.40	700	0.28	25.92	1198	31.04	26.32	1190	31.32
2013-14	0.35	714	0.25	24.53	1200	29.44	24.88	1193	29.69
2014-15	0.32	719	0.23	21.37	1202	25.69	21.69	1195	25.92
2015-16	0.29	702	0.20	15.74	1198	18.86	16.03	1189	19.06
2016-17	0.34	708	0.24	17.68	1200	21.22	18.02	1191	21.46
2017-18	0.24	708	0.17	12.19	1255	15.30	12.43	1245	15.47
2018-19	0.16	720	0.12	16.08	1258	20.23	16.24	1253	20.35
2019-20	0.63	746	0.47	15.93	1286	20.48	16.56	1265	20.95

AREA,YIELD & PRODUCTION OF SAFFLOWER, LINSEED & MUSTARD

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	SAFFLOWER (Rabi)			LINSEED (Rabi)			MUSTARD (Rabi)		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	0.47	489	0.23	13.04	383	4.99	55.10	466	25.66
1971-72	0.59	576	0.34	15.83	452	7.16	60.74	457	27.77
1972-73				21.21	419	8.88	65.26	475	31.01
1973-74	0.31	419	0.13	16.67	416	6.93	72.34	477	34.51
1974-75	6.55	479	3.14	24.79	334	8.29	85.88	444	38.11
1975-76	4.53	448	2.03	24.84	432	10.72	95.03	471	44.72
1976-77	1.54	429	0.66	17.68	370	6.54	66.47	394	26.19
1977-78	3.58	416	1.49	27.64	409	11.30	109.66	441	48.36
1978-79	4.48	478	2.14	32.83	431	14.16	152.03	450	68.42
1979-80	2.76	435	1.20	34.43	396	13.65	144.59	272	39.27
1980-81	5.95	476	2.83	36.28	429	15.56	162.12	446	72.36
1981-82	4.55	475	2.16	36.10	438	15.82	134.75	493	66.49
1982-83	4.88	502	2.45	24.75	352	8.70	120.68	567	68.38
1983-84	4.88	422	2.06	45.53	348	15.83	106.49	476	50.69
1984-85	3.58	464	1.66	29.81	444	13.23	113.03	456	51.55
1985-86	3.28	427	1.40	27.18	394	10.72	135.90	457	62.08
1986-87	2.90	448	1.30	31.87	415	13.22	137.58	473	65.08
1987-88	3.81	407	1.55	38.83	380	14.74	143.04	454	64.89
1988-89	3.26	380	1.24	36.72	482	17.70	135.54	489	66.28
1989-90	3.56	301	1.07	37.07	410	15.20	141.12	505	71.20
1990-91	2.16	356	0.77	36.04	424	15.29	162.26	480	77.96
1991-92	2.45	490	1.20	34.27	461	15.81	174.68	568	99.17
1992-93	1.50	380	0.57	29.51	445	13.14	147.83	543	80.25
1993-94	3.20	413	1.32	30.62	475	14.54	167.71	484	81.09
1994-95	4.42	480	2.12	31.18	455	14.20	169.76	428	72.58
1995-96	3.65	471	1.72	35.56	431	15.32	164.67	495	81.44
1996-97	1.76	352	0.62	19.43	346	6.72	124.81	382	47.66
1997-98	1.95	395	0.77	33.23	391	12.98	107.71	406	43.74
1998-99	1.41	340	0.48	31.67	372	11.79	104.62	316	33.04
1999-00	2.40	479	1.15	27.63	383	10.59	125.20	328	41.04
2000-01	1.39	561	0.78	20.63	362	7.46	88.31	289	25.54
2001-02	3.95	554	2.19	23.08	369	8.52	121.74	322	39.21
2002-03	1.25	400	0.50	16.53	327	5.41	92.23	275	25.33
2003-04	1.62	438	0.71	18.24	394	7.18	115.61	281	32.51
2004-05	1.80	605	1.09	22.38	381	8.53	110.13	263	29.01
2005-06	1.33	586	0.78	23.13	415	9.59	110.19	360	39.63
2006-07	1.18	593	0.70	24.89	423	10.54	110.31	369	40.71
2007-08	1.29	612	0.79	27.24	435	11.85	110.29	375	41.37
2008-09	1.21	603	0.73	25.43	440	11.19	109.93	383	42.10
2009-10	0.74	581	0.43	26.26	453	11.90	112.19	369	41.44
2010-11	0.75	600	0.45	85.72	417	35.72	112.45	375	42.18
2011-12	0.74	581	0.43	24.61	471	11.58	126.67	416	52.66
2012-13	0.85	612	0.52	24.52	482	11.82	116.37	422	49.11
2013-14	0.88	602	0.53	22.92	478	10.96	146.36	421	61.63
2014-15	0.61	607	0.37	24.01	478	11.48	121.98	424	51.72
2015-16	0.39	590	0.23	9.92	477	4.73	99.69	421	41.97
2016-17	0.35	595	0.21	16.21	480	7.78	110.47	424	46.84
2017-18	0.41	610	0.25	12.26	485	5.95	109.57	435	47.66
2018-19	0.50	600	0.30	11.56	483	5.58	106.30	436	46.35
2019-20	0.30	600	0.18	10.17	496	5.04	109.98	440	48.41

AREA,YIELD & PRODUCTION OF TOTAL OILSEEDS

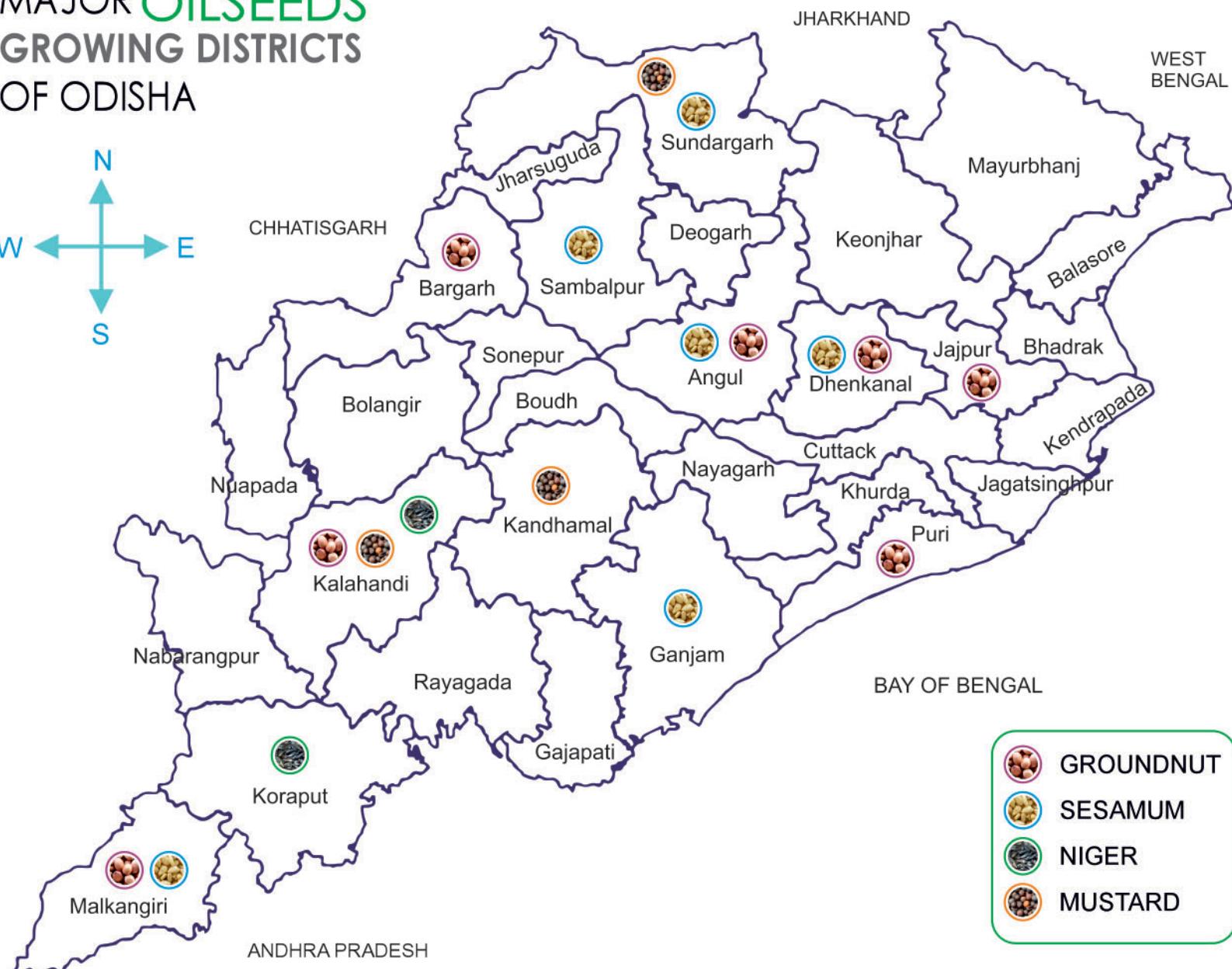
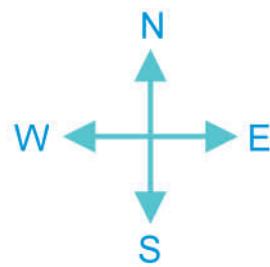
Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	127.10	788	100.20	203.04	567	115.14	330.14	652	215.34
1971-72	141.99	863	122.56	198.33	607	120.46	340.32	714	243.02
1972-73	154.73	827	127.92	220.87	623	137.65	375.60	707	265.57
1973-74	163.97	894	146.61	224.93	618	138.91	388.90	734	285.52
1974-75	176.50	797	140.70	286.96	535	153.44	463.46	635	294.14
1975-76	192.39	706	135.89	303.76	574	174.26	496.15	625	310.15
1976-77	196.58	611	120.13	228.50	536	122.51	425.08	571	242.64
1977-78	190.17	639	121.61	353.40	584	206.42	543.57	603	328.03
1978-79	209.72	685	143.58	454.42	624	283.36	664.14	643	426.94
1979-80	239.99	411	98.55	481.86	374	180.09	721.85	386	278.64
1980-81	203.95	712	145.31	532.50	637	339.45	736.45	658	484.76
1981-82	294.84	660	194.53	536.53	739	396.40	831.37	711	590.93
1982-83	382.54	692	264.58	466.07	744	346.85	848.61	721	611.43
1983-84	436.56	799	348.64	582.66	665	387.37	1019.22	722	736.01
1984-85	419.81	692	290.65	499.25	783	391.09	919.06	742	681.74
1985-86	431.70	776	334.96	554.54	788	436.95	986.24	783	771.91
1986-87	439.78	733	322.55	567.54	765	434.28	1007.32	751	756.83
1987-88	458.97	750	344.44	627.99	756	474.49	1086.96	753	818.93
1988-89	526.79	784	412.91	558.68	788	440.37	1085.47	786	853.28
1989-90	537.39	759	408.11	577.88	776	448.56	1115.27	768	856.67
1990-91	551.91	766	422.91	603.84	871	525.77	1155.75	821	948.68
1991-92	562.09	662	371.89	590.59	822	485.31	1152.68	744	857.20
1992-93	542.42	626	339.35	548.65	767	420.69	1091.07	697	760.04
1993-94	532.89	722	384.58	582.85	813	473.57	1115.74	769	858.15
1994-95	531.35	665	353.13	589.74	830	489.64	1121.09	752	842.77
1995-96	571.53	698	398.77	575.26	794	456.49	1146.79	746	855.26
1996-97	476.03	495	235.68	420.01	620	260.43	896.04	554	496.11
1997-98	475.65	526	249.97	414.38	711	294.44	890.03	612	544.41
1998-99	467.22	489	228.52	394.63	570	224.93	861.85	526	453.45
1999-00	434.23	490	212.77	417.12	852	355.56	851.35	668	568.33
2000-01	381.00	436	166.30	322.91	642	207.27	703.91	531	373.57
2001-02	424.29	444	188.41	425.09	826	351.16	849.38	635	539.57
2002-03	283.31	392	110.96	303.81	697	211.68	587.12	550	322.64
2003-04	404.30	408	164.81	391.82	851	333.63	796.12	626	498.44
2004-05	450.80	431	194.37	390.06	854	332.93	840.86	627	527.30
2005-06	453.74	471	213.87	370.88	908	336.87	824.62	668	550.74
2006-07	438.43	490	214.85	396.11	972	384.94	834.54	719	599.79
2007-08	429.93	597	256.87	411.39	1019	419.18	841.32	804	676.05
2008-09	416.12	661	274.87	412.10	1038	427.86	828.22	848	702.73
2009-10	398.90	579	230.91	398.34	974	388.18	797.24	777	619.09
2010-11	373.60	621	231.94	462.15	935	432.33	835.75	795	664.27
2011-12	352.61	664	233.96	412.48	1042	429.73	765.09	867	663.69
2012-13	333.16	674	224.54	417.08	1115	465.09	750.24	919	689.63
2013-14	299.64	699	209.35	453.50	1078	489.06	753.14	927	698.41
2014-15	324.95	680	220.87	415.57	1103	458.40	740.52	917	679.27
2015-16	317.05	670	212.41	313.62	1122	351.88	630.67	895	564.29
2016-17	294.43	641	188.74	336.28	1106	371.86	630.71	889	560.60
2017-18	286.50	638	182.71	316.87	1113	352.63	603.37	887	535.34
2018-19	282.34	658	185.85	307.75	1097	337.45	590.09	887	523.30
2019-20	279.89	703	196.90	322.20	1155	372.10	602.09	945	569.00

MAJOR OILSEEDS GROWING DISTRICTS OF ODISHA



- GROUNDNUT
- SESAMUM
- NIGER
- MUSTARD

AREA,YIELD & PRODUCTION OF JUTE, MESTA & COTTON

Area in '000 ha.

Yield in kg/ha.

Production in '000 Bale

Jute & Mesta- 1 Bale = 180 kg: Cotton 1 Bale = 170 kg

YEAR	JUTE (Kharif)			MESTA (Kharif)			COTTON (Kharif)		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	43.79	1348	327.84	28.46	959	151.57	0.30	295	0.52
1971-72	51.68	1322	379.70	30.48	1029	174.28	0.27	321	0.51
1972-73	41.57	1652	381.50	25.61	921	131.04	0.39	270	0.62
1973-74	57.31	1260	401.13	35.07	898	174.98	0.75	170	0.75
1974-75	47.01	1276	333.29	36.73	860	175.52	2.29	170	2.29
1975-76	37.81	1383	290.47	37.39	968	201.13	3.50	194	4.00
1976-77	46.50	1566	404.47	37.64	895	187.10	4.50	189	5.00
1977-78	48.70	1553	420.05	37.00	973	200.00	6.00	190	6.70
1978-79	49.28	1603	439.00	36.64	1000	203.50	6.58	190	7.35
1979-80	45.66	1261	320.00	38.30	880	187.30	5.00	170	5.00
1980-81	43.78	1275	310.00	41.92	897	209.00	4.00	170	4.00
1981-82	51.78	1331	382.94	45.57	780	197.56	5.71	170	5.71
1982-83	45.76	1681	427.39	39.66	862	189.93	3.34	170	3.34
1983-84	55.00	1348	411.96	42.88	901	214.52	2.11	170	2.11
1984-85	41.60	1536	355.00	40.20	918	205.00	1.91	170	1.91
1985-86	49.97	1498	415.96	47.35	1017	267.55	3.11	170	3.11
1986-87	31.81	1546	273.21	40.25	918	205.36	2.50	170	2.50
1987-88	35.56	1591	314.31	35.65	996	197.31	3.31	270	5.26
1988-89	31.92	1645	291.66	36.85	1095	224.10	6.57	223	8.61
1989-90	29.71	1790	295.42	34.13	1107	209.88	7.81	237	10.90
1990-91	35.82	2373	472.22	33.78	1189	223.17	6.50	215	8.21
1991-92	37.71	1818	380.83	33.48	1323	246.14	5.65	203	6.76
1992-93	25.85	1900	272.86	29.19	1245	201.85	5.54	108	3.52
1993-94	15.63	2146	186.38	33.90	1131	212.99	3.43	148	2.98
1994-95	24.15	1690	226.74	32.59	887	160.57	6.62	236	9.19
1995-96	22.42	1870	232.98	32.09	1029	183.43	10.90	340	21.80
1996-97	24.59	1633	223.14	32.75	687	125.06	15.70	327	30.19
1997-98	16.66	1379	127.61	31.73	761	134.20	21.79	283	36.30
1998-99	13.39	1485	110.47	28.66	693	110.34	29.46	306	53.03
1999-00	13.89	1189	91.75	30.37	768	129.63	38.12	272	61.03
2000-01	13.85	1386	106.68	23.88	773	102.61	39.16	283	65.09
2001-02	13.76	1199	91.65	26.25	746	108.84	63.27	147	54.66
2002-03	13.75	1115	85.14	25.36	688	96.87	29.48	287	49.85
2003-04	8.88	1064	52.50	26.60	738	109.00	36.73	408	88.23
2004-05	9.18	1620	82.65	25.15	751	104.87	45.93	412	111.19
2005-06	9.85	1665	91.10	22.96	761	97.11	56.57	435	144.83
2006-07	11.88	1741	114.91	21.75	783	94.61	59.64	307	107.70
2007-08	12.81	1769	125.89	22.08	826	101.27	50.05	423	124.68
2008-09	10.52	1799	105.14	20.14	847	94.78	57.92	430	146.56
2009-10	9.12	2050	103.87	17.31	849	81.62	53.97	464	147.21
2010-11	9.46	2145	112.73	16.04	866	77.17	74.37	550	240.81
2011-12	10.50	1966	114.68	14.26	873	69.16	101.76	386	231.19
2012-13	10.02	1967	109.50	13.68	875	66.49	118.67	482	336.47
2013-14	8.88	1882	92.85	12.73	884	62.52	123.99	410	299.03
2014-15	7.56	2055	86.31	11.78	890	58.25	127.19	423	316.48
2015-16	5.63	2017	63.09	8.69	875	42.24	125.19	404	297.51
2016-17	3.88	2080	44.84	6.39	888	31.52	135.99	478	382.37
2017-18	4.37	2495	60.57	6.26	894	31.09	144.57	480	408.20
2018-19	3.99	2208	48.94	6.10	904	30.64	157.88	490	455.07
2019-20	3.66	2209	44.92	4.69	899	23.42	169.56	580	578.50

AREA,YIELD & PRODUCTION OF SUNHEMP & TOTAL FIBRES

Area in '000 ha.

Yield in kg/ha.

*Production in '000 Bale
1 Bale = 180 kg*

YEAR	SUNHEMP (Kharif)			TOTAL FIBRES (Kharif)		
	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	6.04	852	28.60	78.59	1165	508.53
1971-72	9.06	597	30.06	91.49	1150	584.55
1972-73	7.72	734	31.49	75.29	1302	544.65
1973-74	6.46	951	34.13	99.59	1104	610.99
1974-75	4.85	908	24.47	90.88	1061	535.57
1975-76	5.10	839	23.76	83.80	1116	519.36
1976-77	5.86	630	20.52	94.50	1175	617.09
1977-78	5.57	696	21.54	97.27	1200	648.29
1978-79	11.22	650	40.53	103.72	1198	690.38
1979-80	8.03	570	25.42	96.99	998	537.72
1980-81	10.04	664	37.06	99.74	1011	560.06
1981-82	9.79	708	38.52	112.85	996	624.73
1982-83	9.86	949	51.97	98.62	1228	672.63
1983-84	13.24	1227	90.23	113.23	1143	718.82
1984-85	12.16	827	55.86	95.87	1160	617.77
1985-86	12.19	735	49.76	112.62	1177	736.38
1986-87	13.75	797	60.88	88.31	1105	541.95
1987-88	11.82	951	62.46	86.34	1208	579.34
1988-89	13.52	919	69.05	88.86	1202	593.42
1989-90	13.45	917	68.49	85.10	1237	584.69
1990-91	14.11	1004	78.69	90.21	1561	782.29
1991-92	13.97	1461	113.36	90.81	1481	747.09
1992-93	10.96	1051	64.00	71.54	1364	542.23
1993-94	13.35	918	68.10	66.31	1277	470.45
1994-95	14.60	690	55.98	77.96	1045	452.48
1995-96	13.33	784	58.03	78.74	1134	496.24
1996-97	12.45	557	38.51	85.49	878	416.90
1997-98	11.86	535	35.23	82.04	731	333.34
1998-99	10.88	592	35.80	82.39	676	309.64
1999-00	11.45	583	37.06	93.83	613	319.47
2000-01	11.16	682	42.29	88.05	647	316.67
2001-02	11.38	694	43.85	114.66	469	299.00
2002-03	9.84	605	33.10	78.43	608	264.96
2003-04	9.80	651	35.45	82.01	626	285.18
2004-05	10.54	701	41.04	90.80	674	339.75
2005-06	9.27	821	42.27	98.65	685	375.31
2006-07	9.69	850	45.76	102.96	635	362.98
2007-08	8.90	874	43.21	93.84	758	395.05
2008-09	8.72	889	43.07	97.30	721	389.55
2009-10	7.42	824	33.97	87.82	752	366.67
2010-11	7.98	996	44.16	107.85	793	474.87
2011-12	7.79	1035	44.81	134.31	616	459.84
2012-13	5.86	885	28.81	148.23	657	541.27
2013-14	6.27	900	31.35	151.87	576	485.75
2014-15	5.33	906	26.83	151.86	578	487.87
2015-16	4.78	905	24.03	144.29	533	426.87
2016-17	4.79	910	24.22	151.05	576	482.95
2017-18	4.97	935	25.82	160.17	591	525.68
2018-19	5.75	942	30.09	173.72	585	564.74
2019-20	4.88	944	25.59	182.79	662	672.43

AREA,YIELD & PRODUCTION OF POTATO & ONION

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	POTATO (Rabi)			ONION (Rabi)		
	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	20.62	10793	222.56	21.37	3766	80.48
1971-72	7.10	7914	56.19	21.91	3376	73.96
1972-73	6.94	5169	35.87	23.38	3693	86.35
1973-74	5.34	7721	41.23	23.87	4618	110.23
1974-75	5.85	8075	47.24	28.25	4062	114.76
1975-76	6.98	8610	60.10	29.85	4067	121.39
1976-77	6.56	7044	46.21	25.14	5253	132.07
1977-78	6.93	6749	46.77	29.13	5510	160.50
1978-79	8.45	7238	61.16	37.81	5962	225.43
1979-80	7.70	5731	44.13	36.11	4976	179.68
1980-81	8.08	7468	60.34	43.20	6764	292.22
1981-82	9.46	7021	66.42	45.08	6681	301.19
1982-83	8.55	6985	59.72	37.58	8868	333.25
1983-84	9.51	8499	80.83	41.79	8031	335.60
1984-85	10.83	8523	92.30	41.25	7100	292.88
1985-86	8.74	9571	83.65	45.22	7718	349.00
1986-87	9.76	9907	96.69	44.78	7042	315.35
1987-88	8.72	9030	78.74	40.70	7150	291.01
1988-89	10.08	9810	98.88	43.73	7077	309.46
1989-90	11.28	10609	119.67	45.57	6634	302.33
1990-91	9.23	9459	87.31	45.76	7148	327.11
1991-92	10.29	11112	114.34	45.21	7409	334.98
1992-93	10.89	9823	106.97	44.54	7301	325.19
1993-94	10.46	11228	117.45	43.76	7330	320.78
1994-95	9.65	11174	107.83	47.81	7563	361.57
1995-96	8.94	9774	87.38	50.03	7593	379.86
1996-97	10.08	11576	116.69	37.54	7869	295.40
1997-98	8.88	9834	87.33	45.00	3674	165.34
1998-99	7.95	11652	92.63	45.75	7868	359.95
1999-00	8.74	10418	91.05	46.40	7939	368.35
2000-01	8.25	10407	85.86	26.77	8570	229.42
2001-02	7.61	10302	78.40	19.41	8889	172.53
2002-03	7.08	9932	70.32	26.41	9042	238.79
2003-04	7.30	10386	75.82	26.55	9052	240.34
2004-05	8.51	9495	80.77	26.78	9030	241.85
2005-06	8.30	9046	75.08	26.81	9096	243.87
2006-07	8.18	9696	79.31	28.51	9120	260.00
2007-08	8.51	11075	94.25	28.77	9120	262.37
2008-09	7.32	10325	75.58	31.64	8814	278.87
2009-10	13.14	13610	178.84	32.08	9260	297.06
2010-11	14.03	13641	191.39	34.75	11105	385.91
2011-12	14.19	14168	201.05	35.15	11920	418.99
2012-13	14.14	14219	201.06	34.92	12001	419.09
2013-14	14.99	16655	249.66	35.81	12066	432.10
2014-15	15.81	17005	268.85	33.19	11930	395.96
2015-16	25.18	15444	388.88	33.45	11948	399.65
2016-17	25.19	12000	302.29	33.44	11323	378.64
2017-18	25.09	11880	298.06	33.47	11334	379.34
2018-19	24.68	11756	290.14	33.09	11279	373.22
2019-20*	21.33	12255	261.39	27.47	10613	291.55

* 3rd Advance Estimate

AREA,YIELD & PRODUCTION OF SWEET POTATO

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	21.15	6304	133.33	3.68	6715	24.71	24.83	6365	158.04
1971-72	19.68	6522	128.36	5.74	5026	28.85	25.42	6185	157.21
1972-73	22.62	6477	146.51	6.29	6219	39.12	28.91	6421	185.63
1973-74	25.56	6630	169.46	6.09	5700	34.71	31.65	6451	204.17
1974-75	22.91	7458	170.87	7.02	7446	52.27	29.93	7455	223.14
1975-76	28.98	6726	194.91	9.15	5414	49.54	38.13	6411	244.45
1976-77	33.70	4979	167.80	7.55	6040	45.60	41.25	5173	213.40
1977-78	32.33	6470	209.18	9.91	6905	68.43	42.24	6572	277.61
1978-79	33.87	6798	230.25	13.97	7029	98.20	47.84	6866	328.45
1979-80	32.47	5890	191.25	11.57	5561	64.34	44.04	5804	255.59
1980-81	35.92	6620	237.79	15.47	7193	111.28	51.39	6793	349.07
1981-82	39.60	7723	305.84	13.22	7816	103.33	52.82	7746	409.17
1982-83	42.37	6983	295.85	14.57	8572	124.89	56.94	7389	420.74
1983-84	40.18	4555	183.00	18.84	8473	159.63	59.02	5805	342.63
1984-85	40.08	6852	274.64	17.44	7500	130.80	57.52	7049	405.44
1985-86	40.29	7684	309.60	18.21	8607	156.73	58.50	7971	466.33
1986-87	38.69	7164	277.16	17.47	7155	124.99	56.16	7161	402.15
1987-88	37.50	5734	215.03	20.29	6715	136.24	57.79	6078	351.27
1988-89	38.50	7534	290.05	16.49	7784	128.35	54.99	7609	418.40
1989-90	40.26	6925	278.80	15.91	8009	127.42	56.17	7232	406.22
1990-91	38.56	7863	303.20	16.36	7927	129.68	54.92	7882	432.88
1991-92	29.10	6973	202.91	15.17	9422	142.93	44.27	7812	345.84
1992-93	38.61	7448	287.57	14.31	8740	125.07	52.92	7797	412.64
1993-94	31.68	7332	232.28	16.21	8180	132.60	47.89	7619	364.88
1994-95	37.29	7009	261.37	15.98	8143	130.13	53.27	7349	391.50
1995-96	41.52	6842	284.08	13.73	8830	121.23	55.25	7336	405.31
1996-97	33.98	6705	227.84	12.17	8085	98.39	46.15	7069	326.23
1997-98	34.39	7835	269.45	16.15	8810	142.28	50.54	8147	411.73
1998-99	38.15	7818	298.24	17.80	8859	157.69	55.95	8149	455.93
1999-00	34.10	8576	292.44	9.78	7052	68.97	43.88	8236	361.41
2000-01	29.16	6972	203.30	8.51	8080	68.76	37.67	7222	272.06
2001-02	24.36	8488	206.76	14.12	7513	106.09	38.48	8130	312.85
2002-03	30.46	7951	242.19	16.43	8646	142.06	46.89	8195	384.25
2003-04	30.55	8119	248.03	16.48	8831	145.53	47.03	8368	393.56
2004-05	30.15	8154	245.84	16.96	8754	148.47	47.11	8370	394.31
2005-06	29.25	8142	238.15	17.86	8740	156.10	47.11	8369	394.25
2006-07	29.25	8302	242.83	17.91	8992	161.05	47.16	8564	403.88
2007-08	31.50	8097	255.06	15.69	9496	148.99	47.19	8562	404.05
2008-09	32.22	8113	261.41	16.22	9501	154.10	48.44	8578	415.51
2009-10	33.72	8291	279.57	16.74	9513	159.25	50.46	8696	438.82
2010-11	36.57	17581	642.95	7.53	8932	67.26	44.10	16105	710.21
2011-12	36.63	9385	343.77	7.17	9612	68.92	43.80	9422	412.69
2012-13	35.66	9398	335.13	7.80	9610	74.96	43.46	9436	410.09
2013-14	34.66	9380	325.11	7.37	9639	71.04	42.03	9425	396.15
2014-15	33.82	9497	321.20	7.61	9225	70.20	41.43	9447	391.40
2015-16	35.24	9364	329.99	5.60	9921	55.56	40.84	9440	385.55
2016-17	34.23	9527	326.12	6.17	8912	54.99	40.40	9433	381.11
2017-18	33.50	9427	315.79	6.91	9443	65.25	40.41	9429	381.04
2018-19	33.67	9451	318.23	6.64	9056	60.13	40.31	9386	378.36
2019-20*	26.75	9559	255.70	6.61	8956	59.2	33.36	9439	314.90

* 3rd Advance Estimate

AREA,YIELD & PRODUCTION OF TOTAL VEGETABLES (INCLUDING OTHER VEGETABLES)

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	138.22	6357	878.60	258.13	7169	1850.57	396.35	6886	2729.17
1971-72	125.07	6290	786.71	153.64	6227	956.81	278.71	6256	1743.52
1972-73	155.12	6748	1046.76	189.79	6164	1169.89	344.92	6427	2216.64
1973-74	156.59	6049	947.19	176.81	5936	1049.48	333.40	5989	1996.67
1974-75	159.32	5974	951.84	181.73	5676	1031.45	341.05	5815	1983.29
1975-76	183.60	5625	1032.75	213.63	6613	1412.69	397.22	6156	2445.44
1976-77	197.83	5511	1090.22	180.58	7018	1267.22	378.41	6230	2357.44
1977-78	218.88	5913	1294.13	248.04	6722	1667.44	466.92	6343	2961.57
1978-79	219.88	6500	1429.34	273.18	7302	1994.62	493.06	6944	3423.95
1979-80	247.84	5431	1346.01	258.13	5979	1543.44	505.97	5711	2889.45
1980-81	267.39	6810	1821.03	307.56	7484	2301.91	574.96	7171	4122.95
1981-82	280.15	7225	2024.03	328.75	8052	2647.00	608.90	7671	4671.03
1982-83	275.07	8025	2207.53	247.32	9482	2345.16	522.39	8715	4552.69
1983-84	304.26	8220	2500.88	249.60	12738	3179.30	553.86	10256	5680.17
1984-85	311.95	7151	2230.83	337.10	8099	2730.14	649.05	7643	4960.97
1985-86	318.12	8155	2594.39	331.14	8270	2738.47	649.26	8214	5332.86
1986-87	321.94	7738	2491.13	370.44	7558	2799.72	692.38	7642	5290.85
1987-88	333.44	6676	2225.95	375.01	7605	2851.77	708.45	7167	5077.72
1988-89	340.83	8224	2803.10	313.80	8004	2511.67	654.63	8119	5314.77
1989-90	361.61	7982	2886.44	401.60	8481	3405.92	763.21	8245	6292.36
1990-91	376.97	8187	3086.14	408.17	9265	3781.60	785.14	8747	6867.74
1991-92	402.34	9023	3630.23	432.54	9025	3903.56	834.88	9024	7533.79
1992-93	397.93	8944	3559.24	415.45	8929	3709.74	813.38	8937	7268.98
1993-94	414.49	7800	3233.22	436.92	8716	3808.39	851.41	8271	7041.61
1994-95	429.66	8352	3588.34	457.73	8636	3952.84	887.39	8498	7541.18
1995-96	419.52	8640	3624.84	325.14	8710	2832.06	744.66	8671	6456.90
1996-97	238.98	8133	1943.53	264.55	9236	2443.31	503.53	8712	4386.84
1997-98	239.39	8293	1985.15	274.79	8471	2327.78	514.18	8388	4312.93
1998-99	222.19	8273	1838.21	235.46	9166	2158.33	457.65	8733	3996.54
1999-00	196.07	8382	1643.55	227.05	9067	2058.66	423.12	8750	3702.21
2000-01	163.50	8859	1448.41	192.69	9803	1888.86	356.19	9369	3337.27
2001-02	287.64	10118	2910.39	337.23	13336	4497.46	624.87	11855	7407.85
2002-03	286.85	10022	2874.74	356.81	12049	4299.19	643.66	11146	7173.93
2003-04	287.30	10803	3103.81	357.64	13413	4797.05	644.94	12251	7900.86
2004-05	289.02	10857	3137.87	362.86	13293	4823.31	651.88	12213	7961.19
2005-06	272.90	10869	2966.18	379.27	13176	4997.14	652.17	12210	7963.32
2006-07	270.00	11328	3058.67	385.46	13065	5035.89	655.46	12349	8094.56
2007-08	299.83	11782	3532.52	360.96	12971	4682.06	660.79	12431	8214.58
2008-09	290.93	11225	3265.55	379.12	13438	5094.43	670.05	12477	8359.98
2009-10	304.67	11653	3550.43	389.52	13893	5411.43	694.19	12910	8961.86
2010-11	293.24	10619	3114.03	405.39	14588	5913.71	698.63	12922	9027.74
2011-12	287.00	12216	3506.10	403.07	14908	6009.05	690.07	13789	9515.15
2012-13	284.10	11999	3409.02	404.05	14986	6054.97	688.15	13753	9463.99
2013-14	275.98	11281	3113.23	401.35	15727	6311.98	677.33	13915	9425.21
2014-15	278.02	10889	3027.28	390.41	16330	6375.47	668.43	14067	9402.75
2015-16	287.24	11355	3261.48	363.73	15963	5806.17	650.97	13929	9067.65
2016-17	275.55	11888	3275.63	375.64	15169	5698.14	651.19	13781	8973.77
2017-18	275.67	11890	3277.61	375.85	15167	5700.58	651.52	13780	8978.19
2018-19	273.91	11941	3270.70	370.34	15179	5621.55	644.25	13802	8892.25
2019-20*	239.00	12967	3099.20	360.94	14065	5076.73	599.94	13628	8175.93

* 3rd Advance Estimate

AREA,YIELD & PRODUCTION OF TOTAL SPICES & CONDIMENTS

Area in '000 ha.

Yield in kg/ha.

Production in '000 tonnes

YEAR	KHARIF			RABI			TOTAL		
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71							57.64	822	47.39
1971-72							56.14	874	49.05
1972-73							65.78	931	61.22
1973-74							73.80	857	63.21
1974-75							68.20	640	43.63
1975-76							90.77	736	66.78
1976-77							87.69	666	58.40
1977-78							109.87	633	69.53
1978-79							118.86	792	94.19
1979-80							115.59	727	84.00
1980-81							135.66	1011	137.13
1981-82							161.88	982	158.95
1982-83							139.21	897	124.87
1983-84							152.20	1413	215.04
1984-85							149.38	945	141.23
1985-86							156.86	1080	169.37
1986-87	69.17	1444	99.85	98.34	1106	108.75	167.51	1245	208.60
1987-88	65.18	906	59.08	91.81	1152	105.79	156.99	1050	164.87
1988-89	69.27	977	67.70	92.54	1172	108.49	161.81	1089	176.19
1989-90	70.83	1017	72.02	89.42	1151	102.95	160.25	1092	174.97
1990-91	69.51	1481	102.94	93.27	1247	116.32	162.78	1347	219.26
1991-92	71.04	1297	92.14	98.70	1187	117.19	169.74	1233	209.33
1992-93	72.83	1228	89.42	95.27	1171	111.60	168.10	1196	201.02
1993-94	74.15	1305	96.75	98.31	1139	111.93	172.46	1210	208.68
1994-95	74.98	1275	95.60	104.36	1041	108.63	179.34	1139	204.23
1995-96	75.63	1294	97.87	107.82	1073	115.72	183.45	1164	213.59
1996-97	49.94	1320	65.93	50.17	1356	68.04	100.11	1338	133.97
1997-98	81.89	1497	122.55	84.22	1175	98.96	166.11	1334	221.51
1998-99	83.58	1525	127.44	89.22	1198	106.92	172.80	1356	234.36
1999-00	85.28	1478	126.04	100.20	1120	112.23	185.48	1285	238.27
2000-01	78.00	1513	118.02	51.39	1172	60.23	129.39	1378	178.25
2001-02	70.30	1646	115.68	61.77	1118	69.06	132.07	1399	184.74
2002-03	72.75	1563	113.71	70.78	1094	77.44	143.53	1332	191.15
2003-04	73.06	1571	114.81	71.1	1099	78.13	144.16	1338	192.94
2004-05	73.77	1569	115.76	72.01	1092	78.65	145.78	1334	194.40
2005-06	71.51	1604	114.73	73.54	1098	80.75	145.05	1348	195.48
2006-07	72.48	1625	117.76	73.55	1108	81.5	146.03	1365	199.26
2007-08	73.43	1613	118.45	72.99	1135	82.83	146.42	1375	201.28
2008-09	74.03	1635	121.03	73.28	1134	83.08	147.31	1386	204.11
2009-10	74.57	4469	333.29	73.23	1137	83.25	147.80	2818	416.54
2010-11	79.67	4545	362.07	74.79	1267	94.73	154.46	2957	456.80
2011-12	79.71	4734	377.32	75.23	1329	99.99	154.94	3081	477.31
2012-13	79.81	4917	392.41	76.16	1331	101.36	155.97	3166	493.77
2013-14	79.93	4858	388.3	75.37	1337	100.78	155.30	3149	489.08
2014-15	78.91	4875	384.64	87.94	3233	284.29	166.85	4009	668.93
2015-16	78.98	4740	374.36	82.58	3365	277.89	161.56	4037	652.25
2016-17	76.8	4907	376.83	82.76	2176	180.12	159.56	3491	556.95
2017-18	76.72	4924	377.78	84.9	2116	179.66	161.62	3449	557.44
2018-19	79.29	4783	379.21	79.76	2226	177.51	159.05	3500	556.72
2019-20*	62.66	4047	253.61	62.23	1966	122.32	124.89	3010	375.93

* 3rd Advance Estimate

AREA,YIELD & PRODUCTION OF SUGARCANE & TOBACCO

Area in '000 ha.

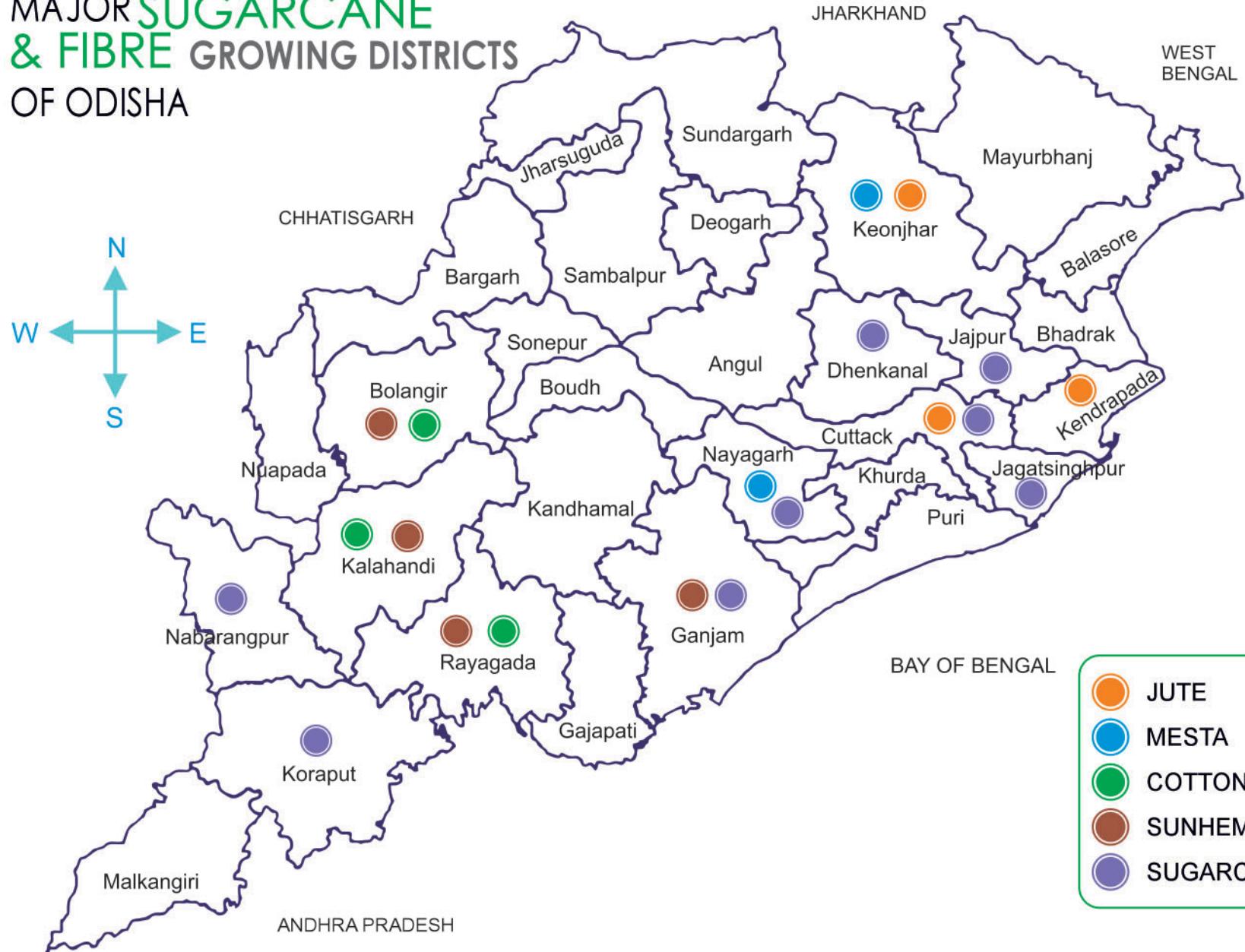
Yield in kg/ha.

Production in '000 tonnes

YEAR	SUGARCANE (CANE) (RABI)			TOBACCO (RABI)			KHARIF CROPPED AREA	RABI CROPPED AREA	TOTAL CROPPED AREA
	Area	Yield	Prod.	Area	Yield	Prod.	Area	Yield	Prod.
1970-71	30.18	53907	1626.91	14.00	870	12.18	5239.80	1344.33	6584.12
1971-72	30.64	62562	1916.89	14.00	840	11.76	5420.91	1284.00	6704.91
1972-73	30.69	65216	2001.48	15.00	862	12.93	5259.56	1497.50	6757.06
1973-74	40.80	58979	2406.33	15.00	805	12.08	5600.36	1495.12	7095.48
1974-75	44.00	62500	2750.00	15.00	719	10.79	5331.56	1614.11	6945.67
1975-76	45.35	65574	2973.80	17.00	659	11.20	5738.12	1790.01	7528.13
1976-77	45.00	61556	2770.00	15.00	465	6.98	5488.14	1507.67	6995.81
1977-78	43.00	60465	2600.00	17.00	429	7.29	5568.69	2118.15	7686.84
1978-79	46.00	61087	2810.00	20.00	492	9.84	5628.87	2377.71	8006.58
1979-80	46.50	60710	2823.00	18.00	469	8.44	5431.54	2412.67	7844.21
1980-81	49.00	62449	3060.00	21.00	535	11.24	5789.04	2600.93	8389.96
1981-82	50.05	64336	3220.00	17.00	470	7.99	5691.31	2667.26	8358.57
1982-83	51.18	61927	3169.40	19.00	519	9.86	5693.53	2262.99	7956.52
1983-84	57.00	62457	3560.04	19.00	531	10.09	6311.13	2774.27	9085.39
1984-85	45.72	59236	2708.25	18.00	473	8.51	6106.47	2273.31	8379.78
1985-86	48.01	64595	3101.20	18.00	692	12.46	6241.71	2615.00	8856.71
1986-87	42.59	63909	2721.90	16.00	599	9.58	6253.07	2771.52	9024.59
1987-88	42.26	65918	2785.70	14.00	342	4.79	5881.54	2941.25	8822.79
1988-89	47.00	68089	3200.20	14.00	447	6.26	6269.04	2639.37	8908.41
1989-90	47.50	70000	3325.00	15.00	598	8.97	6395.92	2762.05	9157.97
1990-91	49.00	72429	3549.00	15.00	633	9.50	6445.71	2900.88	9346.59
1991-92	50.55	71272	3602.80	15.00	729	10.94	6575.76	2989.90	9565.66
1992-93	40.64	65386	2657.30	13.00	768	9.98	6475.13	2668.65	9143.78
1993-94	38.92	67289	2618.90	10.00	606	6.06	6586.08	2876.16	9462.24
1994-95	42.00	69038	2899.60	10.00	579	5.79	6472.38	2964.98	9437.36
1995-96	48.85	68545	3348.40	9.00	733	6.60	6565.49	2840.04	9405.53
1996-97	51.00	66996	3416.80	9.00	588	5.29	5988.34	2017.19	8005.53
1997-98	44.26	72623	3214.30	9.00	519	4.67	6089.88	2232.10	8321.98
1998-99	47.13	64917	3059.54	8.00	561	4.49	5948.19	2133.80	8081.99
1999-00	30.97	58990	1826.93	7.00	618	4.33	5964.72	2314.26	8278.98
2000-01	31.41	66951	2102.94	3.00	462	1.39	5891.82	1682.72	7574.54
2001-02	29.66	63728	1890.17	6.00	630	3.78	6082.03	2357.47	8439.50
2002-03	25.21	60150	1516.37	4.14	628	2.60	5656.60	1817.33	7473.93
2003-04	28.78	62908	1810.49	5.31	657	3.49	6100.98	2168.32	8269.30
2004-05	33.83	68600	2320.87	4.76	682	3.25	6101.96	2242.24	8344.20
2005-06	36.71	69286	2543.48	3.72	728	2.71	6140.18	2410.42	8550.60
2006-07	40.51	70008	2836.01	4.13	731	3.02	6135.87	2487.62	8623.49
2007-08	38.08	70360	2679.31	3.79	736	2.79	6152.91	2516.01	8668.92
2008-09	37.94	70250	2665.30	4.03	744	3.00	6160.40	2536.42	8696.82
2009-10	36.86	70852	2611.62	3.30	752	2.48	6143.94	2543.50	8687.44
2010-11	40.84	71192	2907.48	2.16	861	1.86	5946.78	2676.22	8623.00
2011-12	38.73	72000	2788.56	1.82	835	1.52	5792.19	2475.07	8267.26
2012-13	39.17	66498	2604.74	2.03	567	1.15	5776.17	2568.36	8344.53
2013-14	35.34	71980	2543.79	1.69	598	1.01	5824.54	2706.63	8531.17
2014-15	34.08	72455	2469.27	1.59	597	0.95	5846.70	2631.24	8477.94
2015-16	28.98	72717	2107.34	1.60	594	0.95	5656.16	2191.83	7847.99
2016-17	27.44	73370	2013.27	0.60	595	0.36	5649.53	2348.98	7998.51
2017-18	27.00	73565	1986.26	0.31	572	0.18	5428.28	2390.87	7819.15
2018-19	24.80	73119	1813.35	0.19	692	0.13	5446.40	2370.21	7816.61
2019-20*	18.76	72798	1365.69	0.13	692	0.09	5403.20	2389.72	7792.92

* Provisional

MAJOR SUGARCANE & FIBRE GROWING DISTRICTS OF ODISHA



AREA, YIELD RATE & PRODUCTION OF FOODGRAINS DURING 2017-2018 AND 2018-2019 IN RESPECT OF MAJOR PRODUCING STATES

Area in Million ha. *Yield in kg/ha* *Production in Million tonnes*

STATE	2017-18			2018-19 #		
	Area	Yield	Prod.	Area	Yield	Prod.
Top Three States						
Uttar Pradesh	19.8	2594	51.37	19.49	2803	54.63
Madhya Pradesh	17.04	1963	33.45	16.41	1999	32.80
Punjab	6.73	4709	31.69	6.77	4656	31.52
Neighbouring States						
West Bengal	5.94	2839	16.88	6.41	2856	18.30
Andhra Pradesh	4.14	2934	12.16	4.03	2729	10.99
Odisha*	6.21	1365	8.48	6.22	1554	9.67
All India	127.52	2235	285.01	123.94	2299	284.95

#- Provisional

* Source - Odisha Agriculture Statistics, 2017-18 & 2018-19

Source - Agricultural Statistics at a Glance - 2018, Directorate of Economics & Statistics, GOI.

AREA, YIELD RATE & PRODUCTION OF RICE DURING 2017-2018 AND 2018-2019 IN RESPECT OF MAJOR PRODUCING STATES

Area in Million ha. *Yield in kg/ha* *Production in Million tonnes*

STATE	2017-18			2018-19 #		
	Area	Yield	Prod.	Area	Yield	Prod.
Top Three States						
West Bengal	5.12	2926	14.97	5.52	2906	16.05
Uttar Pradesh	5.81	2283	13.27	5.75	2704	15.54
Punjab	3.07	4366	13.38	3.1	4132	12.82
Neighbouring States						
Andhra Pradesh	2.16	3788	8.17	2.21	3733	8.25
Chattisgarh	3.76	1311	4.93	3.61	1810	6.53
Odisha*	3.77	1739	6.55	3.86	2004	7.33
All India	43.77	2576	112.76	43.79	2659	116.42

#- Provisional

* Source - Odisha Agriculture Statistics, 2017-18 & 2018-19

Source - Agricultural Statistics at a Glance - 2018, Directorate of Economics & Statistics, GOI.

AREA, YIELD RATE & PRODUCTION OF COARSE CEREALS DURING 2017-2018 AND 2018-2019 IN RESPECT OF MAJOR PRODUCING STATES

Area in Million ha.

Yield in kg/ha

Production in Million tonnes

STATE	2017-18			2018-19 #		
	Area	Yield	Prod.	Area	Yield	Prod.
Top Three States						
Rajasthan	5.91	1140	6.73	5.84	1209	7.06
Karnataka	3.44	1918	6.59	2.97	1866	5.54
Madhya Pradesh	2.21	2399	5.30	2.02	2483	5.02
Neighbouring States						
Andhra Pradesh	0.58	4786	2.78	0.49	4052	1.99
West Bengal	0.25	4547	1.15	0.25	5655	1.39
Odisha*	0.4	2125	0.85	0.41	2146	0.88
All India	24.29	1934	46.97	21.98	1954	42.95

#- Provisional

* Source - Odisha Agriculture Statistics, 2017-18 & 2018-19

Source - Agricultural Statistics at a Glance - 2018, Directorate of Economics & Statistics, GOI.

AREA, YIELD RATE & PRODUCTION OF MAIZE DURING 2017-2018 AND 2018-2019 IN RESPECT OF MAJOR PRODUCING STATES

Area in Million ha.

Yield in kg/ha

Production in Million tonnes

STATE	2017-18			2018-19 #		
	Area	Yield	Prod.	Area	Yield	Prod.
Top Three States						
Karnataka	1.31	2948	3.85	1.34	2777	3.73
Madhya Pradesh	1.35	2615	3.54	1.37	2697	3.68
Bihar	0.68	3476	2.35	0.68	4451	3.02
Neighbouring States						
Andhra Pradesh	0.34	6912	2.32	0.27	5861	1.56
West Bengal	0.24	4805	1.13	0.24	5780	1.38
Odisha*	0.25	2948	0.73	0.25	2993	0.75
All India	9.38	3065	28.75	9.18	2965	27.23

#- Provisional

* Source - Odisha Agriculture Statistics, 2017-18 & 2018-19

Source - Agricultural Statistics at a Glance - 2018, Directorate of Economics & Statistics, GOI.

AREA, YIELD RATE & PRODUCTION OF GRAM DURING 2017-2018 AND 2018-2019 IN RESPECT OF MAJOR PRODUCING STATES

Area in Million ha. *Yield in kg/ha* *Production in Million tonnes*

STATE	2017-18			2018-19 #		
	Area	Yield	Prod.	Area	Yield	Prod.
Top Three States						
Madhya Pradesh	3.59	1280	4.6	3.43	1344	4.61
Rajasthan	1.57	1074	1.7	1.60	1103	1.76
Maharashtra	2.00	917	1.8	1.29	829	1.07
Neighbouring States						
Chattisgarh	0.32	1010	0.3	0.32	1026	0.33
Andhra Pradesh	0.52	1132	0.6	0.48	506	0.24
Jharkhand	0.23	1228	0.3	0.19	1143	0.22
Odisha*	0.03	778	0.0	0.03	780	0.02
All India	10.56	1078	11.38	9.44	1073	10.13

#- Provisional

* Source - Odisha Agriculture Statistics, 2017-18 & 2018-19

Source - Agricultural Statistics at a Glance - 2018, Directorate of Economics & Statistics, GOI.

AREA, YIELD RATE & PRODUCTION OF ARHAR DURING 2017-2018 AND 2018-2019 IN RESPECT OF MAJOR PRODUCING STATES

Area in Million ha. *Yield in kg/ha* *Production in Million tonnes*

STATE	2017-18			2018-19 #		
	Area	Yield	Prod.	Area	Yield	Prod.
Top Three States						
Karnataka	0.89	861	0.76	1.52	641	0.98
Maharastra	1.24	909	1.13	1.21	566	0.68
Madhyapradesh	0.65	1297	0.84	0.45	1297	0.58
Neighbouring States						
Jharkhand	0.19	1147	0.2	0.23	1015	0.23
Andhra Pradesh	0.28	430	0.1	0.25	181	0.05
Odisha*	0.13	897	0.1	0.14	1022	0.14
All India	4.44	967	4.29	4.78	751	3.59

#- Provisional

* Source - Odisha Agriculture Statistics, 2017-18 & 2018-19

Source - Agricultural Statistics at a Glance - 2018, Directorate of Economics & Statistics, GOI.

AREA, YIELD RATE & PRODUCTION OF TOTAL PULSES DURING 2017-2018 AND 2018-2019 IN RESPECT OF MAJOR PRODUCING STATES

Area in Million ha. *Yield in kg/ha* *Production in Million tonnes*

STATE	2017-18			2018-19 #		
	Area	Yield	Prod.	Area	Yield	Prod.
Top Three States						
Madhya Pradesh	7.48	1084	8.11	6.88	1135	7.81
Rajasthan	5.33	639	3.41	5.90	622	3.68
Uttar Pradesh	2.26	973	2.20	2.30	1044	2.40
Neighbouring States						
Andhra Pradesh	1.41	865	1.22	1.33	567	0.75
Jharkhand	0.79	1055	0.84	0.74	984	0.73
Chhattisgarh	0.79	697	0.55	0.74	722	0.54
West Bengal	0.46	969	0.44	0.51	944	0.48
Odisha*	2.04	526	1.07	1.95	540	1.05
All India	29.81	853	25.42	29.03	806	23.40

#- Provisional

* Source - Odisha Agriculture Statistics, 2017-18 & 2018-19

Source - Agricultural Statistics at a Glance - 2018, Directorate of Economics & Statistics, GOI.

AREA, YIELD RATE & PRODUCTION OF GROUNDNUT DURING 2017-2018 AND 2018-2019 IN RESPECT OF MAJOR PRODUCING STATES

Area in Million ha. *Yield in kg/ha* *Production in Million tonnes*

STATE	2017-18			2018-19 #		
	Area	Yield	Prod.	Area	Yield	Prod.
Top Three States						
Gujarat	1.68	2345	3.94	1.59	1377	2.20
Rajasthan	0.64	1966	1.26	0.67	2053	1.38
Tamil Nadu	0.33	3078	1.01	0.34	2620	0.88
Neighbouring States						
Andhra Pradesh	0.74	1426	1.05	0.76	629	0.48
West Bengal	0.07	2343	0.17	0.07	2797	0.18
Odisha*	0.2	1808	0.36	0.19	1796	0.34
All India	4.89	1893	9.25	4.81	1393	6.69

#- Provisional

* Source - Odisha Agriculture Statistics, 2017-18 & 2018-19

Source - Agricultural Statistics at a Glance - 2018, Directorate of Economics & Statistics, GOI.

AREA, YIELD RATE & PRODUCTION OF RAPSEED & MUSTARD DURING 2017-2018 AND 2018-2019 IN RESPECT OF MAJOR PRODUCING STATES

Area in Million ha. *Yield in kg/ha* *Production in Million tonnes*

STATE	2017-18			2018-19 #		
	Area	Yield	Prod.	Area	Yield	Prod.
Top Three States						
Rajasthan	2.21	1602	3.54	2.37	1720	4.08
Haryana	0.55	2018	1.11	0.61	2058	1.25
Uttar Pradesh	0.68	1392	0.95	0.75	1483	1.12
Neighbouring States						
West Bengal	0.62	1175	0.72	0.62	1171	0.72
Jharkhand	0.31	715	0.22	0.24	685	0.16
Odisha*	0.11	435	0.05	0.1	436	0.04
All India	5.98	1410	8.43	6.23	1499	9.34

#- Provisional

* Source - Odisha Agriculture Statistics, 2017-18 & 2018-19

Source - Agricultural Statistics at a Glance - 2018, Directorate of Economics & Statistics, GOI.

AREA, YIELD RATE & PRODUCTION OF TOTAL OILSEEDS DURING 2017-2018 AND 2018-2019 IN RESPECT OF MAJOR PRODUCING STATES

Area in Million ha.

Yield in kg/ha

Production in Million tonnes

STATE	2017-18			2018-19 #		
	Area	Yield	Prod.	Area	Yield	Prod.
Top Three States						
Madhya Pradesh	6.64	1046	6.95	7.26	1237	8.99
Rajasthan	4.14	1477	6.11	4.36	1587	6.93
Maharashtra	4.13	1017	4.21	4.35	1101	4.79
Neighbouring States						
West Bengal	0.95	1198	1.13	0.94	1230	1.16
Andhra Pradesh	0.83	1328	1.10	0.87	607	0.53
Odisha*	0.60	887	0.53	0.60	887	0.52
All India	24.51	1284	31.46	25.50	1265	32.26

#- Provisional

* Source - Odisha Agriculture Statistics, 2017-18 & 2018-19

Source - Agricultural Statistics at a Glance - 2018, Directorate of Economics & Statistics, GOI.

AREA, YIELD RATE & PRODUCTION OF SUGARCANE DURING 2017-2018 AND 2018-2019 IN RESPECT OF MAJOR PRODUCING STATES

Area in Million ha.

Yield in kg/ha

Production in Million tonnes

STATE	2017-18			2018-19 #		
	Area	Yield	Prod.	Area	Yield	Prod.
Top Three States						
Uttar Pradesh	2.23	79245	177.03	2.22	80807	179.71
Maharashtra	0.90	92000	82.98	1.16	79500	92.44
Karnataka	0.37	84081	31.14	0.51	83000	42.01
Neighbouring States						
Andhra Pradesh	0.10	78683	7.79	0.10	79325	8.09
Odisha*	0.02	73565	1.99	0.02	73118	1.80
All India	4.74	80198	379.90	5.11	78248	400.16

#- Provisional

* Source - Odisha Agriculture Statistics, 2017-18 & 2018-19

Source - Agricultural Statistics at a Glance - 2018, Directorate of Economics & Statistics, GOI.

AREA, YIELD RATE & PRODUCTION OF COTTON DURING 2017-2018 AND 2018-2019 IN RESPECT OF MAJOR PRODUCING STATES

Area in Million ha.		Yield in kg/ha			Production in Million Bales of 170 kg each		
STATE	2017-18			2018-19 #			
	Area	Yield	Prod.	Area	Yield	Prod.	
Top Three States							
Maharashtra	4.35	238	6.09	4.25	285	7.13	
Gujarat	2.62	660	10.19	2.66	389	6.09	
Telangana	1.9	466	5.2	1.83	381	4.1	
Neighbouring States							
Andhra Pradesh	0.65	549	2.09	0.62	409	1.49	
Odisha*	0.14	480	0.41	0.16	490	0.45	
All India	12.59	443	32.81	12.66	386	28.71	

#- Provisional

* Source - Odisha Agriculture Statistics, 2017-18 & 2018-19

Source - Agricultural Statistics at a Glance - 2018, Directorate of Economics & Statistics, GOI.

AREA, YIELD RATE & PRODUCTION OF JUTE & MESTA DURING 2017-2018 AND 2018-2019 IN RESPECT OF MAJOR PRODUCING STATES

Area in Million ha.		Yield in kg/ha			Production in Million Bales of 180 kg each		
STATE	2017-18			2018-19 #			
	Area	Yield	Prod.	Area	Yield	Prod.	
Top Three States							
West Bengal	0.53	2616	7.64	0.53	2617	7.69	
Bihar	0.10	2211	1.28	0.09	2160	1.02	
Assam	0.07	2114	0.86	0.08	2016	0.86	
Neighbouring States							
Andhra Pradesh	0.01	1700	0.05	0.00	1820	0.03	
Odisha*	0.01	862	0.09	0.01	788	0.08	
All India	0.74	2435	10.03	0.73	2403	9.77	

#- Provisional

* Source - Odisha Agriculture Statistics, 2017-18 & 2018-19

Source - Agricultural Statistics at a Glance - 2018, Directorate of Economics & Statistics, GOI.

AREA, PRODUCTION AND YIELD OF PRINCIPAL CROPS IN DIFFERENT COUNTRIES DURING 2017

COUNTRY	AREA	PRODUCTION	YIELD
1. PADDY			
World	167249	769658	4602
China, mainland	30747	212676	6917
India	43789	168500	3848
Indonesia	15788	81382	5155
Bangladesh	11272	48980	4345
Viet Nam	7709	42764	5548
Thailand	10615	33383	3145
Myanmar	6745	25625	3799
Philippines	4812	19276	4006
Brazil	2008	12470	6210
Pakistan	2901	11175	3853
2. MAIZE			
World	197186	1134747	5755
United States of America	33469	370960	11084
China, mainland	42399	259071	6110
Brazil	17394	97722	5618
Argentina	6531	49476	7576
India	9219	28720	3115
Indonesia	5375	27952	5200
Mexico	7328	27762	3789
Ukraine	4481	24669	5506
South Africa	2629	16820	6399
Romania	2405	14326	5956
3. PULSES			
World	95167	95979	1009
India	34991	23241	664
Canada	4438	8715	1964
Myanmar	4419	7053	1596
China, mainland	2908	5005	1721
Russian Federation	2124	4265	2008
Australia	2344	4124	1759
Nigeria	3925	3476	886
Brazil	2820	3046	1080
United States of America	1907	2941	1542
Ethiopia	1615	2923	1810

Source : FAOSTAT (as on 08.01.2020).

Area - '000 Hectares

Production - '000 Tonnes

Yield - Kg/Hectare

COUNTRY	AREA	PRODUCTION	YIELD
4. SUGARCANE			
World	25977	1841528	70891
Brazil	10184	758548	74482
India	4389	306069	69735
China, mainland	1371	104404	76152
Thailand	1368	102946	75238
Pakistan	1217	73401	60318
Mexico	772	56955	73776
Australia	453	36561	80626
Colombia	397	34638	87164
Guatemala	279	33758	121012
United States of America	366	30153	82412
5. GROUNDNUT (with shell)			
World	27940	47097	1686
China, mainland	4608	17092	3709
India	5300	9179	1732
United States of America	719	3281	4566
Nigeria	2820	2420	858
Sudan	2015	1641	814
Myanmar	1034	1583	1531
Argentina	334	1031	3087
United Republic of Tanzania	1077	979	909
Senegal	940	915	973
Chad	768	870	1133

AREA UNDER H.Y.V CROPS IN ODISHA

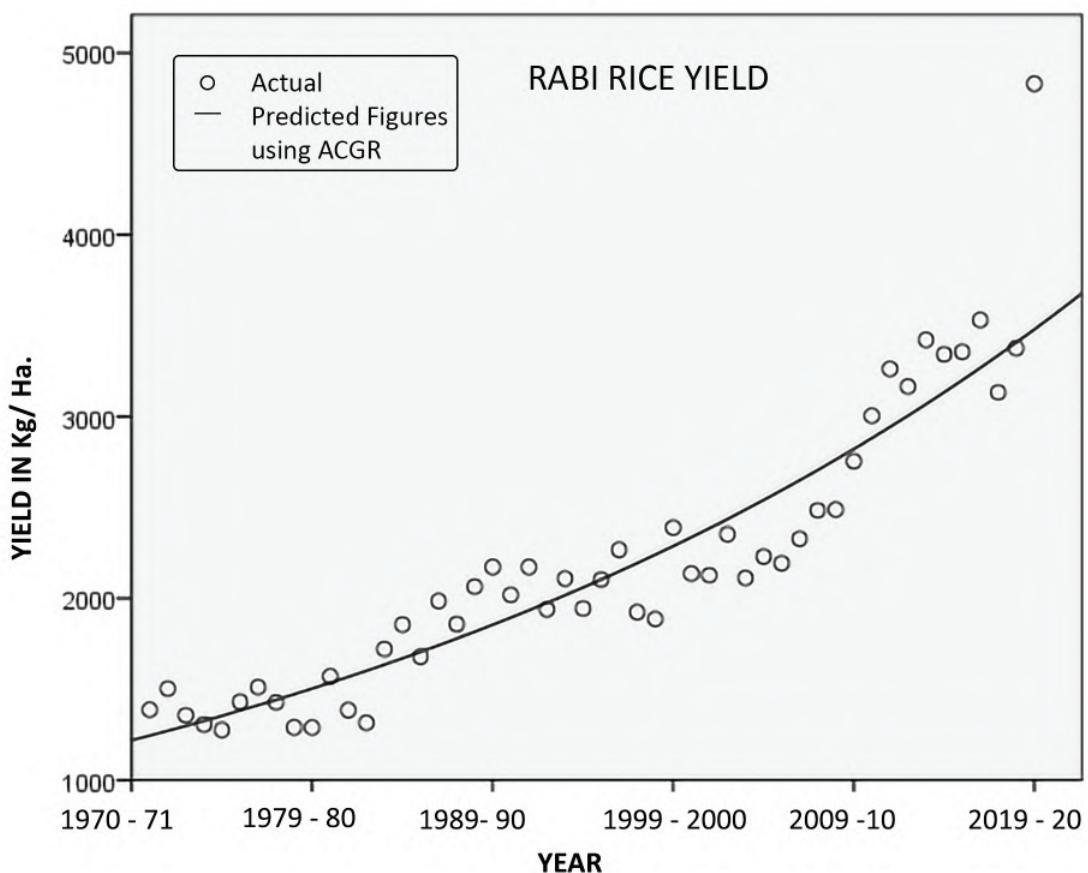
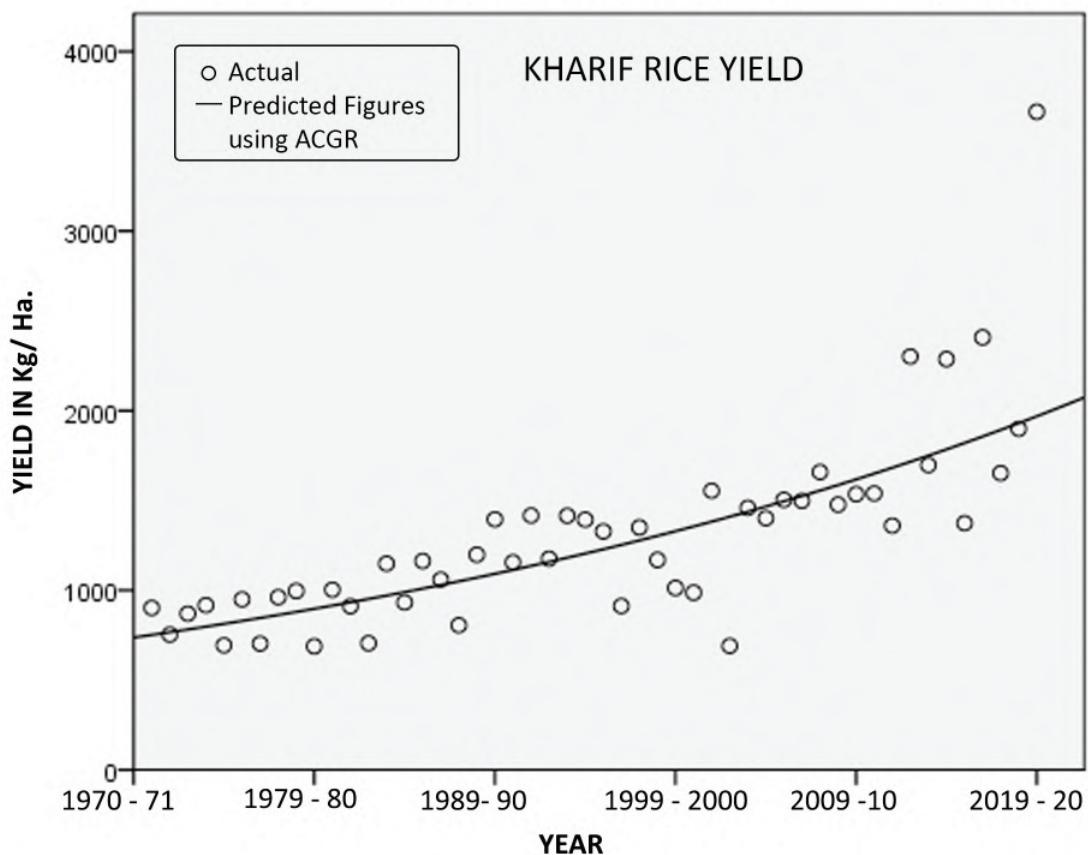
Area in '000 ha.

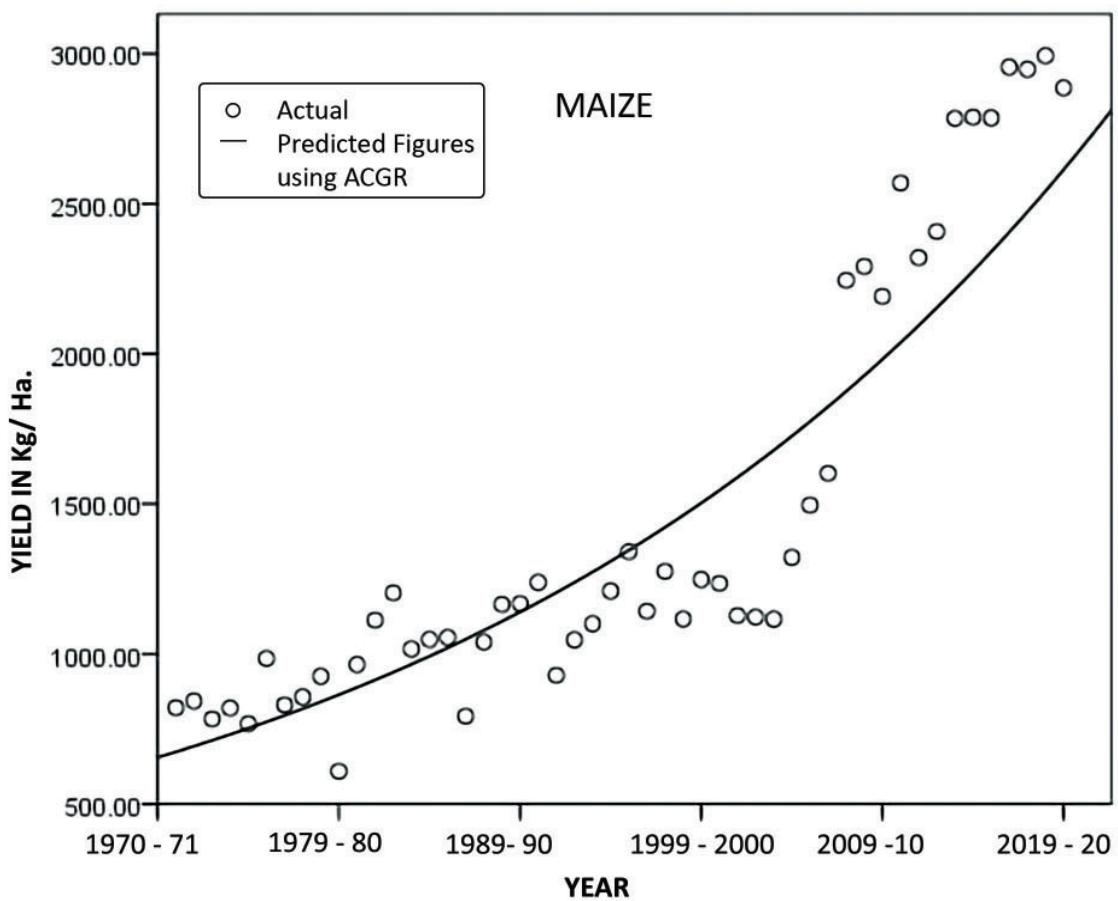
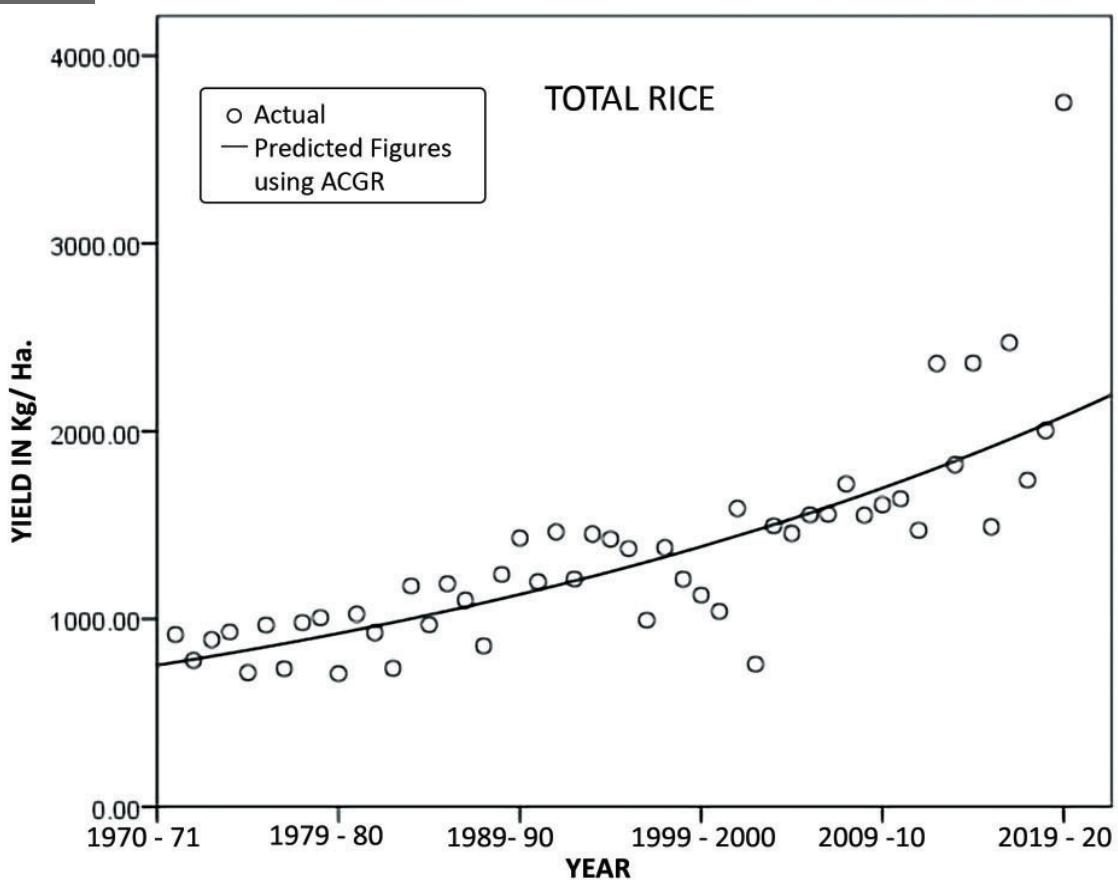
YEAR	RICE			WHEAT	MAIZE			TOTAL H.Y.V		
	Kharif	Rabi	Total	Rabi	Kharif	Rabi	Total	Kharif	Rabi	Total
1970-71	82.25	114.02	196.27	6.90	2.80	0.63	3.43	85.05	121.55	206.60
1971-72	91.02	105.26	196.28	13.41	3.70	1.23	4.93	94.72	119.90	214.62
1972-73	151.33	150.38	301.71	41.76	4.00	1.70	5.70	155.33	193.84	349.17
1973-74	224.53	133.83	358.36	45.94	10.79	2.64	13.43	235.32	182.41	417.73
1974-75	200.93	112.05	312.98	48.76	15.10	3.31	18.41	216.03	164.12	380.15
1975-76	323.59	158.58	482.17	59.82	26.39	3.51	29.90	349.98	221.91	571.89
1976-77	402.38	155.25	557.63	53.20	29.38	3.27	32.65	431.76	211.72	643.48
1977-78	470.87	176.41	647.28	66.37	31.89	3.77	35.66	502.76	246.55	749.31
1978-79	709.83	157.20	867.03	30.21	31.06	4.82	35.88	740.89	192.23	933.12
1979-80	806.52	135.34	941.86	49.47	35.31	5.35	40.66	841.83	190.16	1031.99
1980-81	1042.00	165.17	1207.17	67.07	47.77	6.50	54.27	1089.77	238.74	1328.51
1981-82	1033.00	132.89	1165.89	66.06	55.26	7.35	62.61	1088.26	206.30	1294.56
1982-83	1152.00	210.56	1362.56	64.02	62.78	6.18	68.96	1214.78	280.76	1495.54
1983-84	1266.00	203.40	1469.40	78.59	64.82	7.06	71.88	1330.82	289.05	1619.87
1984-85	1260.15	168.53	1428.68	53.80	63.97	6.42	70.39	1324.12	228.75	1552.87
1985-86	1451.00	201.41	1652.41	55.95	68.95	6.24	75.19	1519.95	263.60	1783.55
1986-87	1657.42	188.01	1845.43	46.77	71.29	8.84	80.13	1728.71	243.62	1972.33
1987-88	1497.06	197.42	1694.48	45.81	71.58	6.23	77.81	1568.64	249.46	1818.10
1988-89	1838.31	192.28	2030.59	39.58	80.27	8.03	88.30	1918.58	239.89	2158.47
1989-90	2054.86	203.78	2258.64	37.72	83.57	7.98	91.55	2138.43	249.48	2387.91
1990-91	2267.65	213.90	2481.55	34.30	84.74	7.37	92.11	2352.39	255.57	2607.96
1991-92	2294.75	289.89	2584.64	31.48	82.69	8.89	91.58	2377.44	330.26	2707.70
1992-93	2497.85	212.35	2710.20	24.41	79.51	7.94	87.45	2577.36	244.70	2822.06
1993-94	2581.84	244.30	2826.14	18.44	80.23	8.44	88.67	2662.07	271.18	2933.25
1994-95	2634.80	268.65	2903.45	21.70	79.69	10.56	90.25	2714.49	300.91	3015.40
1995-96	2755.86	274.99	3030.85	20.84	80.00	9.81	89.81	2835.86	305.64	3141.50
1996-97	2757.69	269.26	3026.95	15.16	90.14	8.38	98.52	2847.83	292.80	3140.63
1997-98	2941.10	235.77	3176.87	16.78	99.26	8.81	108.07	3040.36	261.36	3301.72
1998-99	2869.39	268.08	3137.47	16.91	100.59	8.31	108.90	2969.98	293.30	3263.28
1999-00	3056.13	381.81	3437.94	18.54	109.40	8.27	117.67	3165.53	408.62	3574.15
2000-01	3020.52	206.73	3227.25	15.95	113.96	6.00	119.96	3134.48	228.68	3363.16
2001-02	3157.36	271.96	3429.32	20.15	107.19	8.21	115.40	3264.55	300.32	3564.87
2002-03	2843.92	177.55	3021.47	13.91	107.50	5.78	113.28	2951.42	197.24	3148.66
2003-04	3090.56	253.47	3344.03	18.56	120.04	8.99	129.03	3210.60	281.02	3491.62
2004-05	3135.95	292.82	3428.77	16.39	129.81	8.90	138.71	3265.76	318.11	3583.87
2005-06	3161.34	325.49	3486.83	16.87	137.33	8.36	145.69	3298.67	350.72	3649.39
2006-07	3230.03	314.60	3544.63	16.80	148.00	9.32	157.32	3378.03	340.72	3718.75
2007-08	3250.00	333.74	3583.74	18.80	161.57	10.06	171.63	3411.57	362.60	3774.17
2008-09	3099.44	330.97	3430.41	19.88	173.49	12.91	186.40	3272.93	363.76	3636.69
2009-10	3186.65	264.81	3451.46	20.38	180.85	11.36	192.21	3367.50	296.55	3664.05
2010-11	3114.71	292.96	3407.67	17.55	201.49	16.21	217.70	3316.20	326.72	3642.92
2011-12	3137.83	235.37	3373.20	14.49	212.86	16.99	229.85	3350.69	266.85	3617.54
2012-13	3202.01	274.30	3476.31	14.27	232.22	19.01	251.23	3434.23	307.58	3741.81
2013-14	3410.76	300.54	3711.30	12.76	234.95	19.69	254.64	3645.71	332.99	3978.70
2014-15	3491.72	301.25	3792.97	10.12	226.87	18.69	245.56	3718.59	330.06	4048.65
2015-16	3400.94	233.40	3634.34	3.61	199.51	18.01	217.52	3600.45	255.02	3855.47
2016-17	3469.04	224.78	3693.82	3.05	217.65	21.35	239.00	3686.69	249.18	3935.87
2017-18	3354.46	221.94	3576.40	2.90	208.88	19.50	228.38	3563.34	244.34	3807.68
2018-19	3407.74	274.23	3681.97	2.20	228.04	23.39	251.43	3635.78	299.82	3935.60
2019-20	3454.85	280.04	3734.89	2.40	208.36	26.05	234.41	3663.21	308.49	3971.70

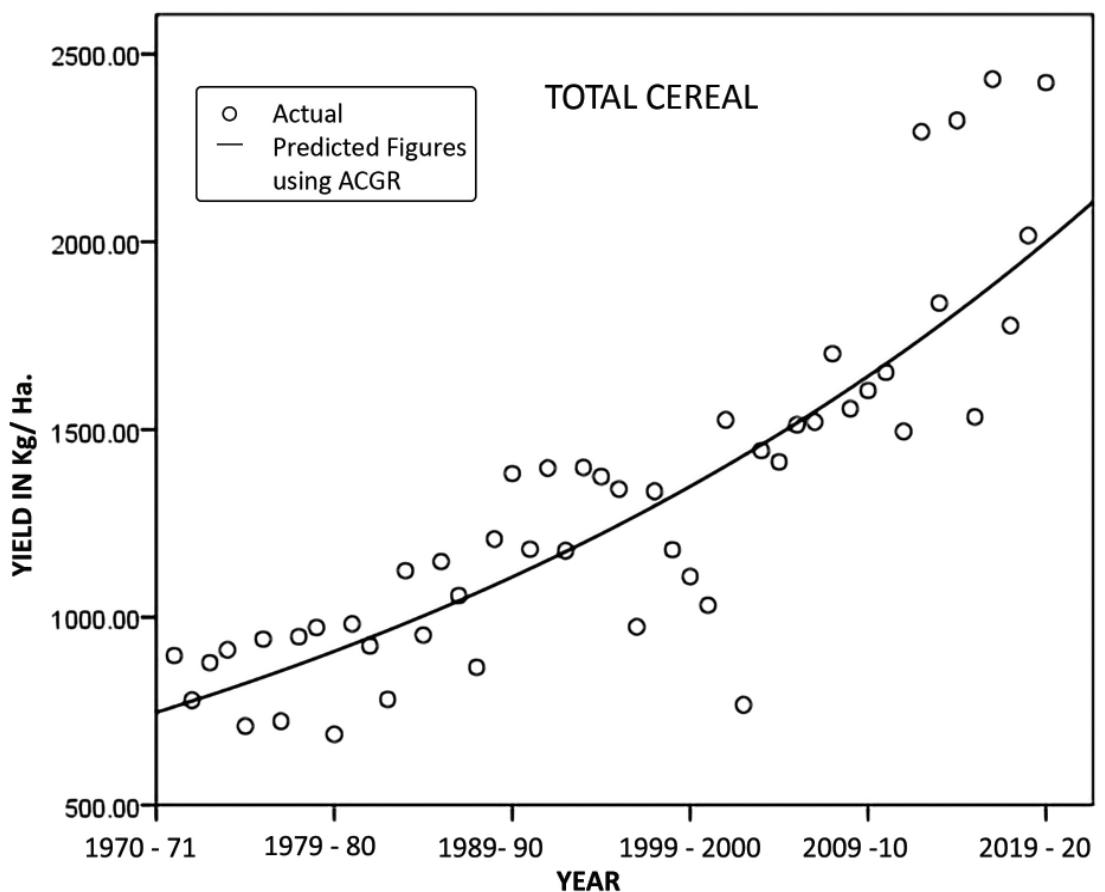
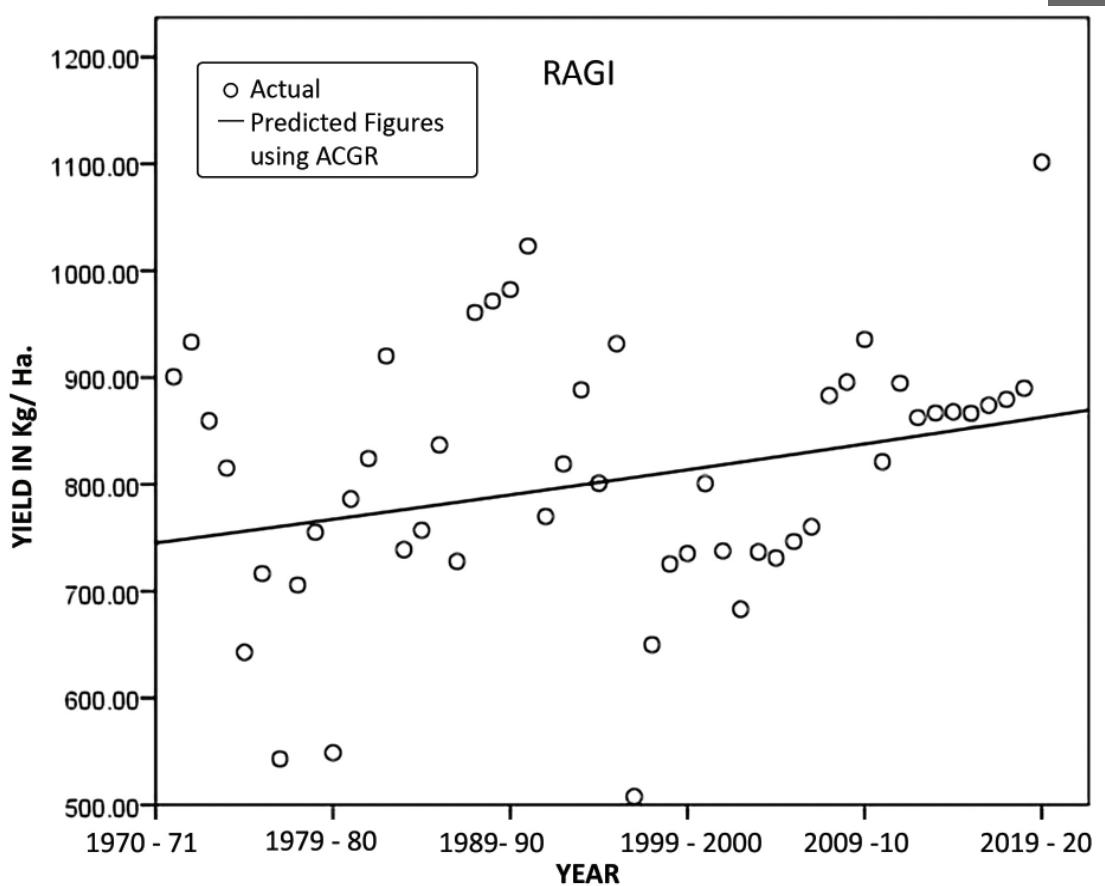
ANNUAL COMPOUND GROWTH RATE (%) OF PRINCIPAL CROPS
1970-71 TO 2019-20

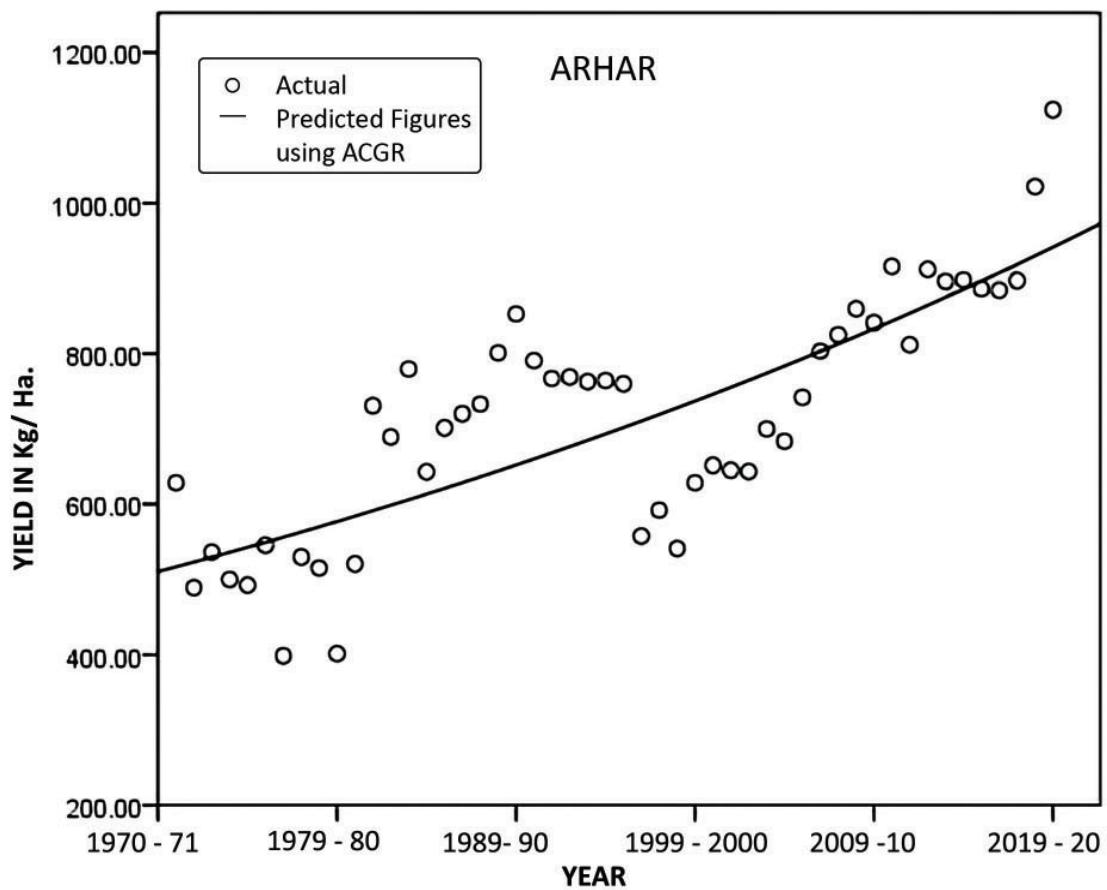
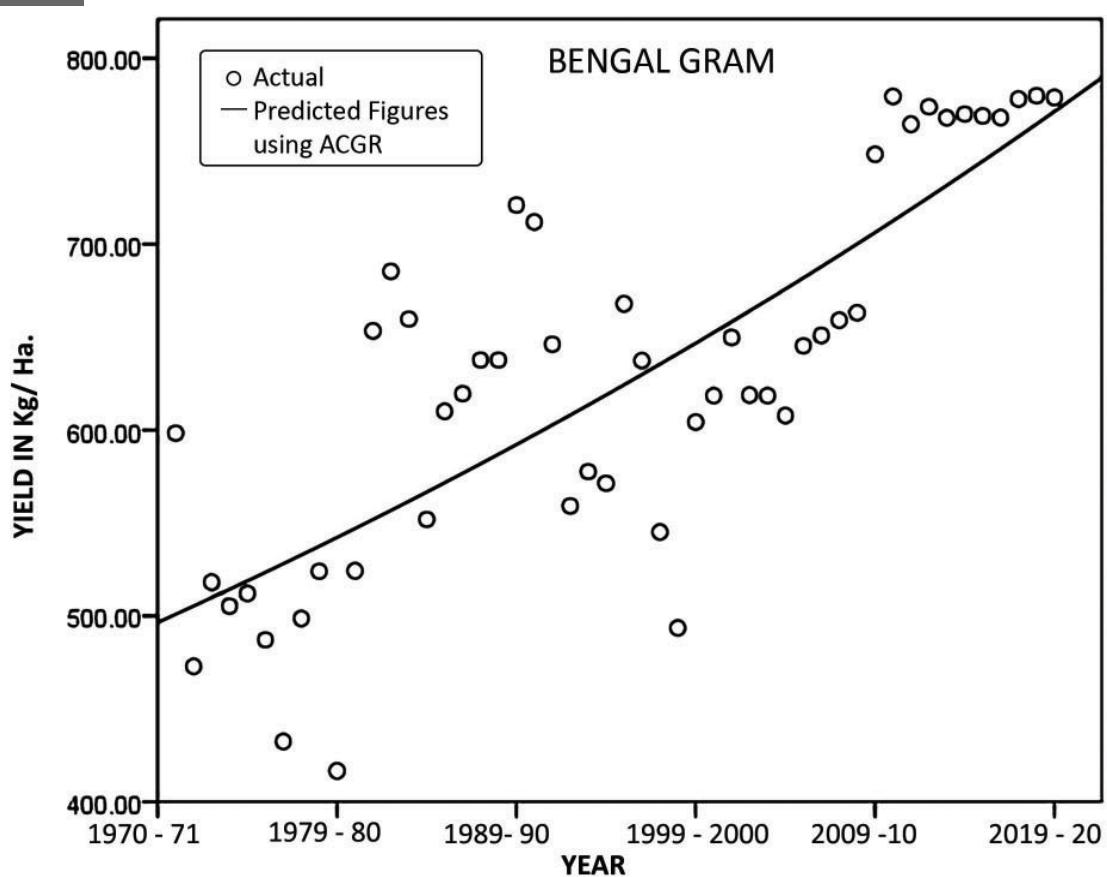
CROPS	YIELD	PRODUCTION
KHARIF RICE	1.02	1.02
RABI RICE	2.12	3.49
TOTAL RICE	1.02	1.02
MAIZE	2.80	4.88
RAGI	0.29	-0.84
CEREALS	1.02	1.02
BENGAL GRAM	0.88	1.12
ARHAR	1.23	3.12
MUNG	-0.41	0.97
BIRI	-0.44	1.18
PULSES	-0.11	1.05
FOODGRAINS	1.01	1.01
G-NUT	0.81	2.18
TIL	-0.63	0.69
MUSTARD	-0.44	-0.02
OILSEEDS	0.61	1.24
COTTON	2.24	14.60
SUGARCANE	0.37	-0.47

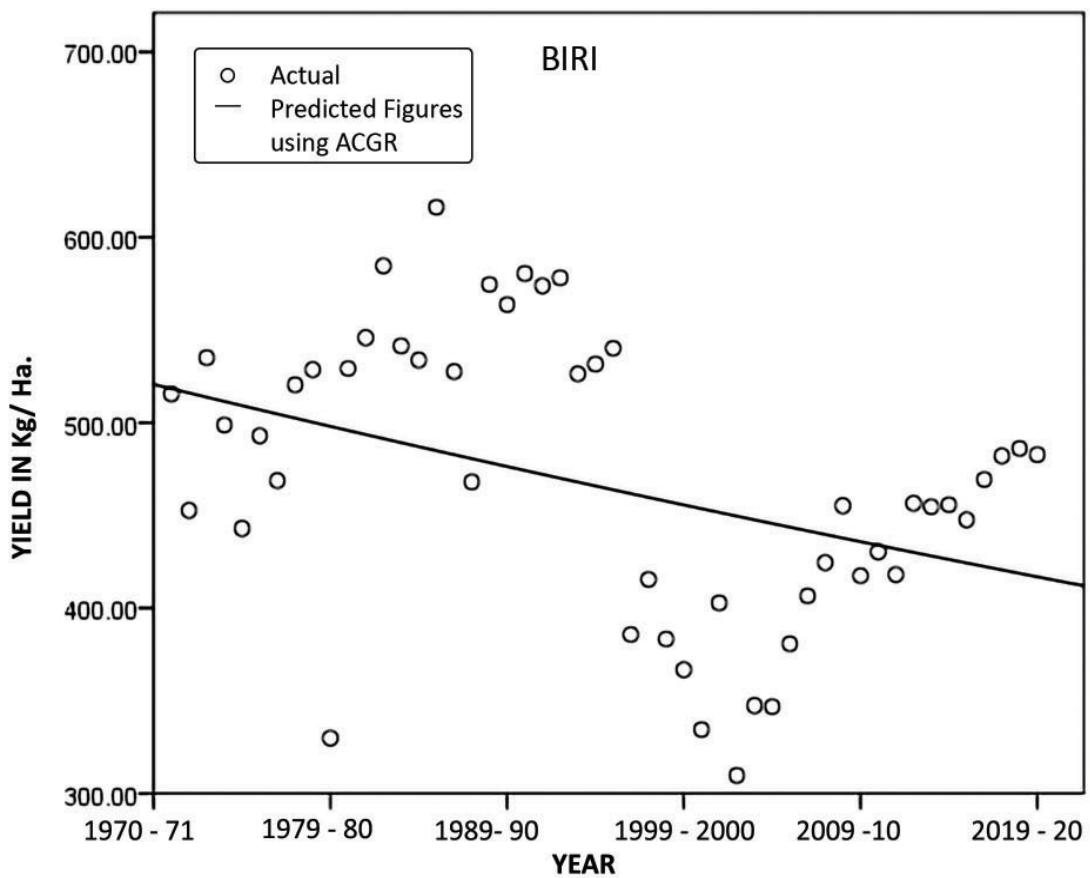
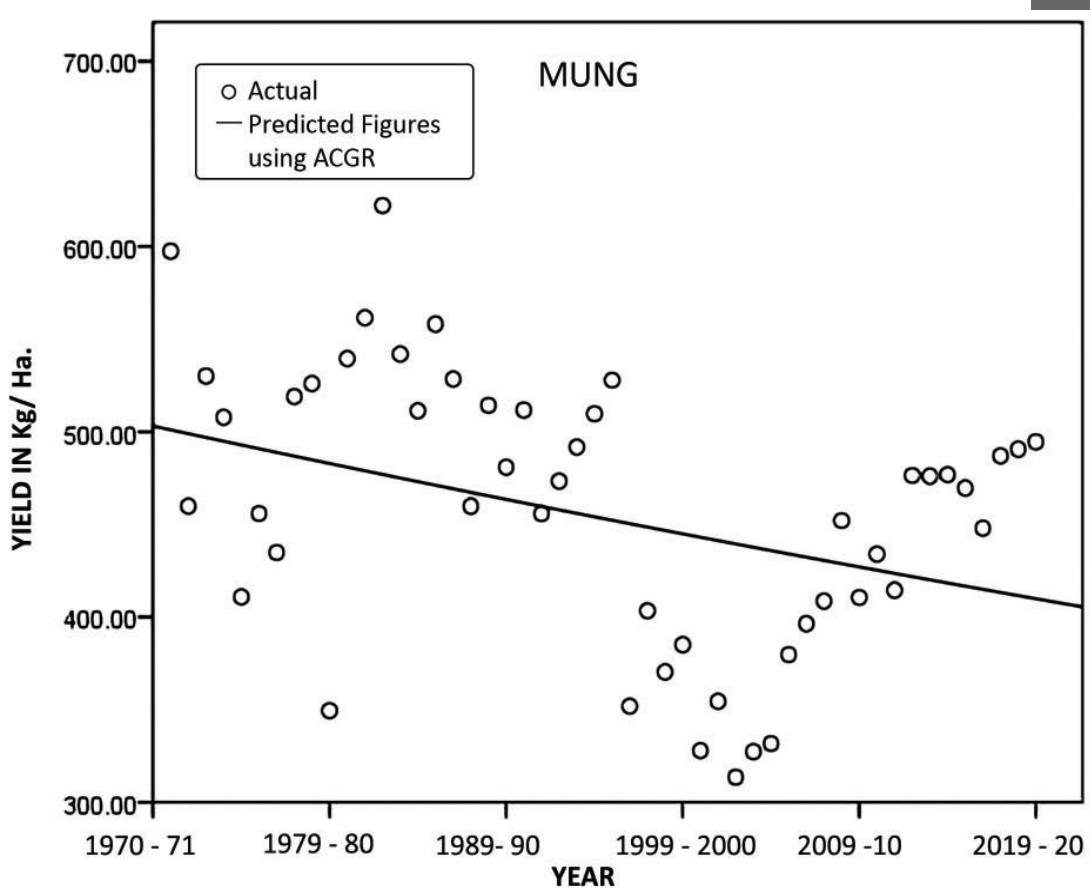
ANNUAL COMPOUND GROWTH RATE GRAPHS OF MAJOR CROPS

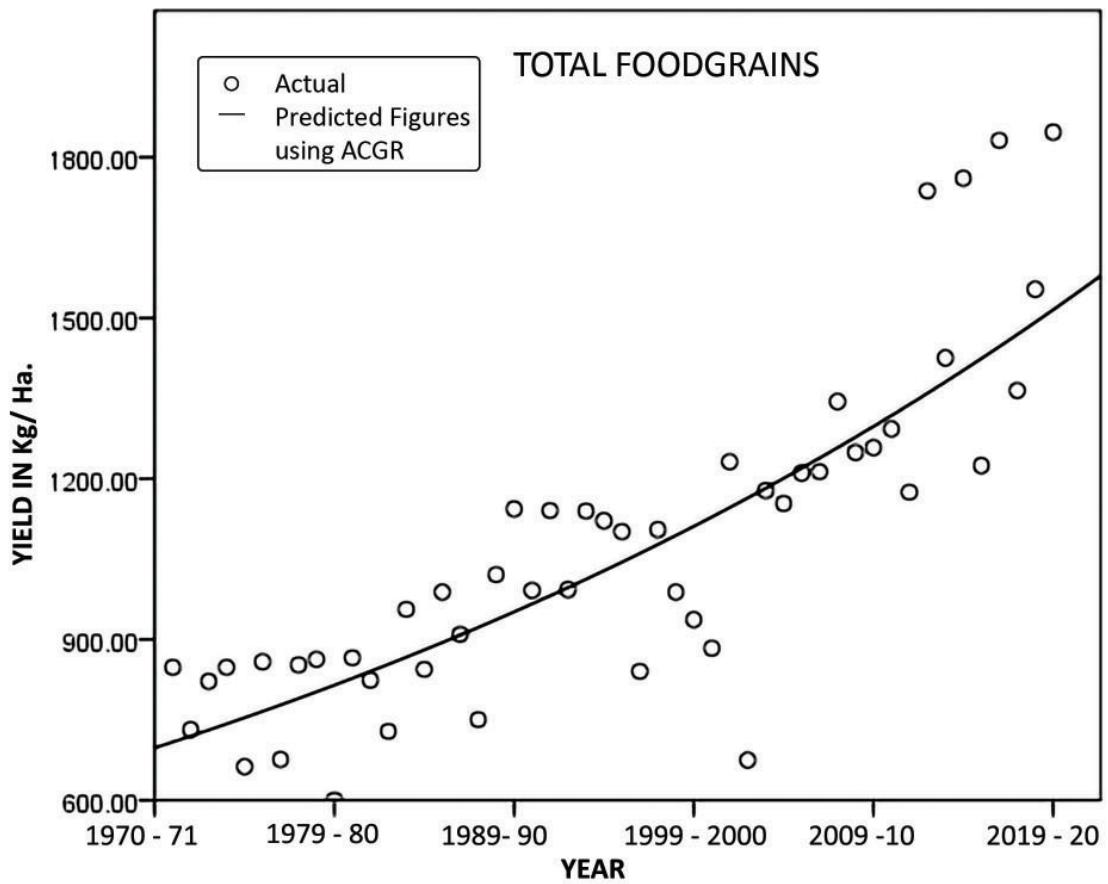
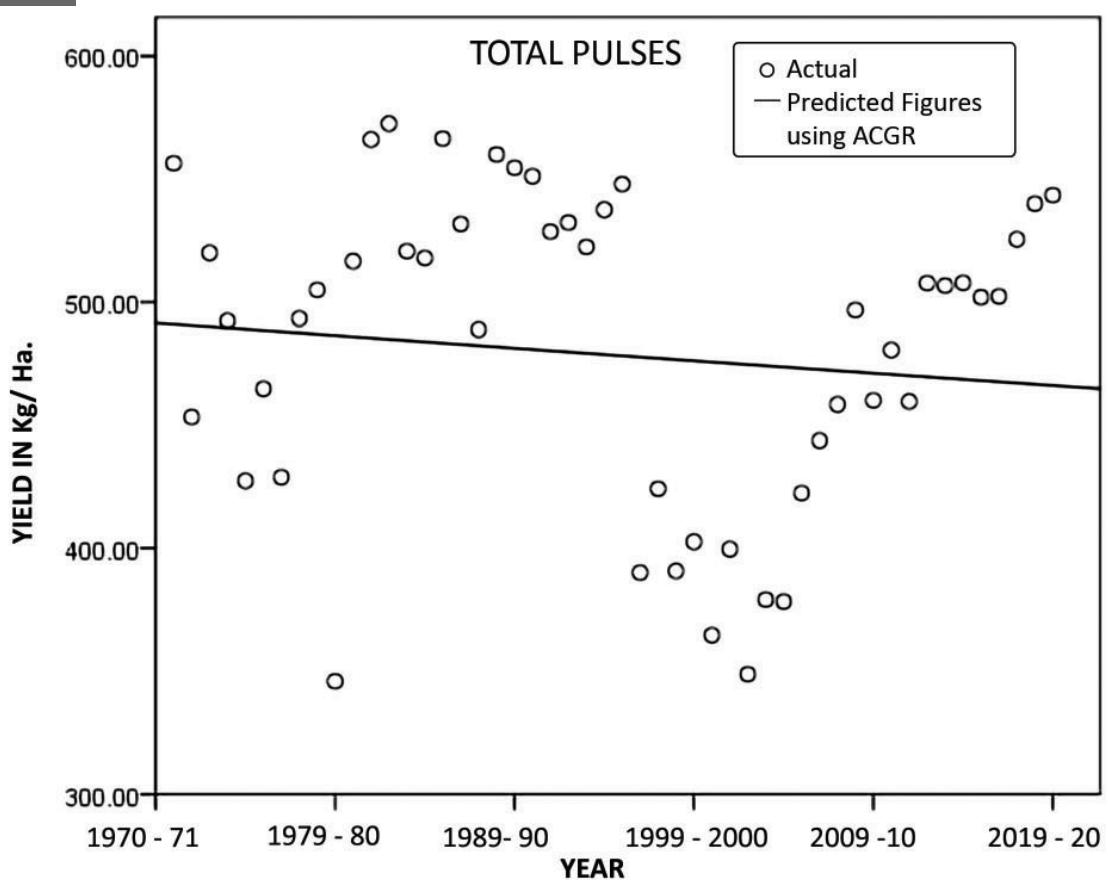


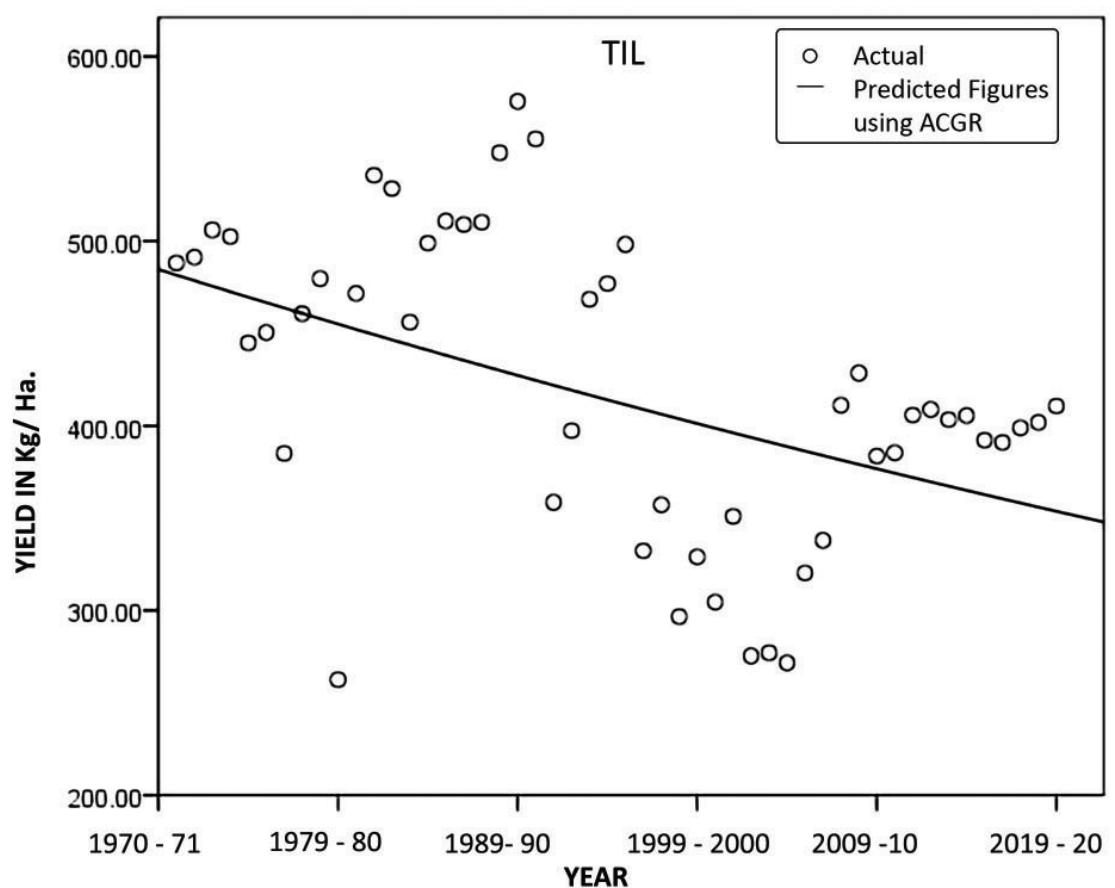
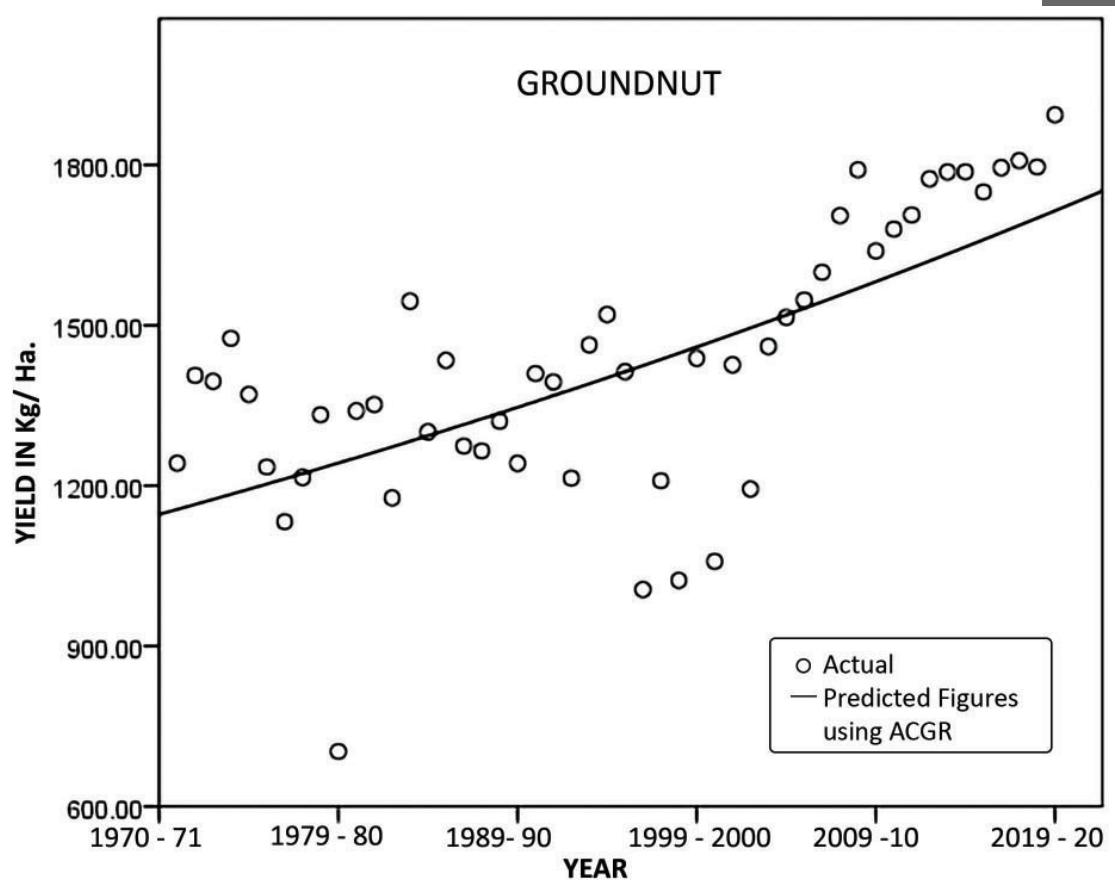


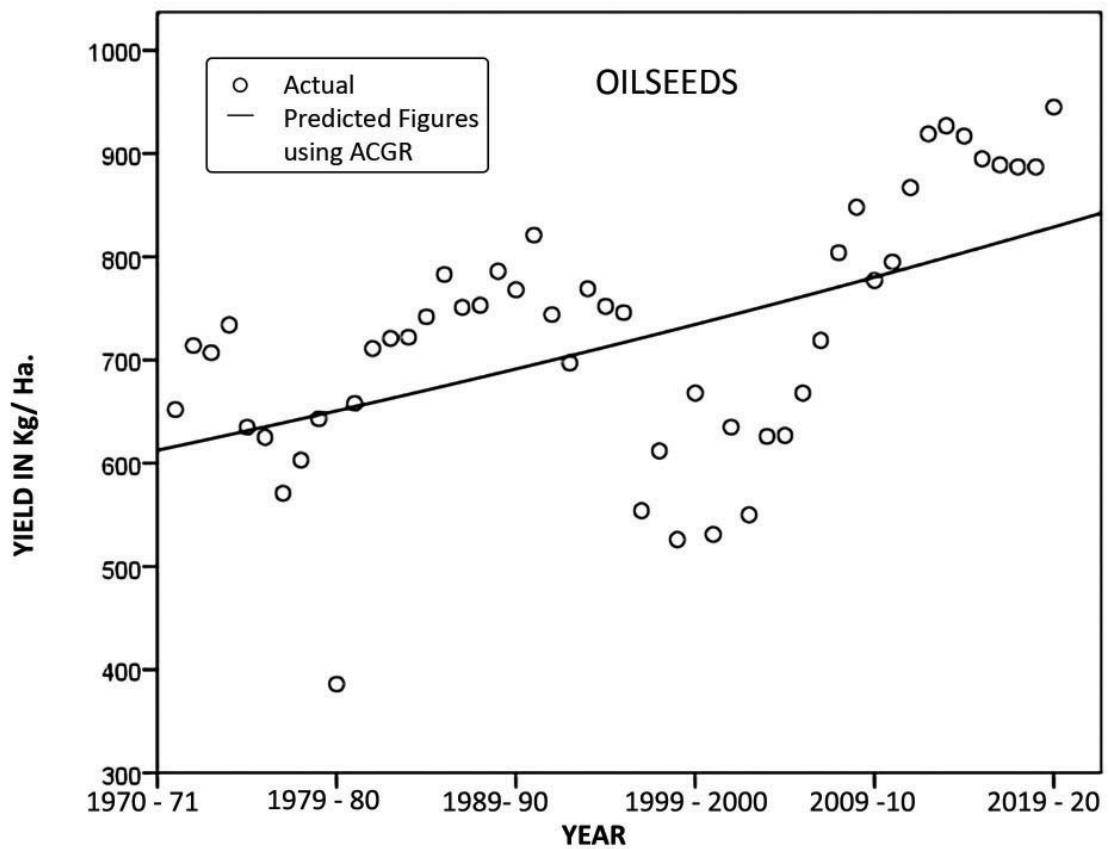
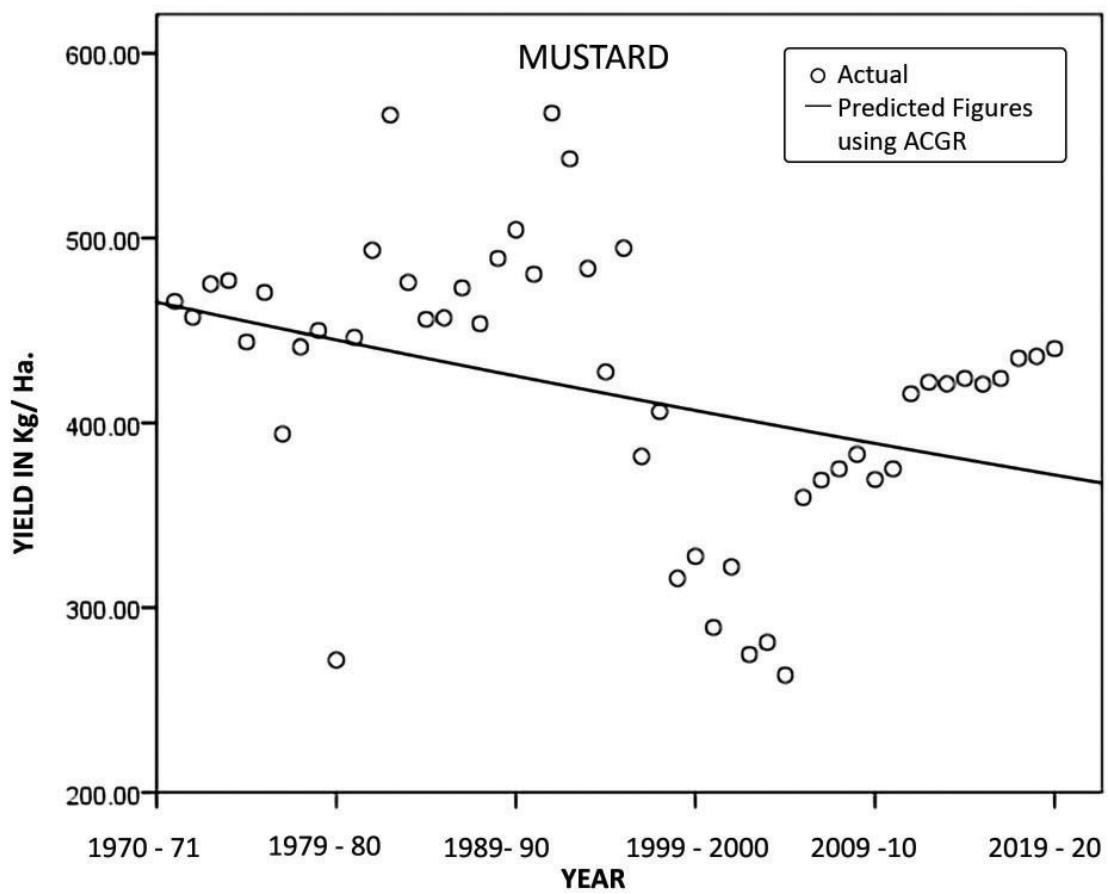


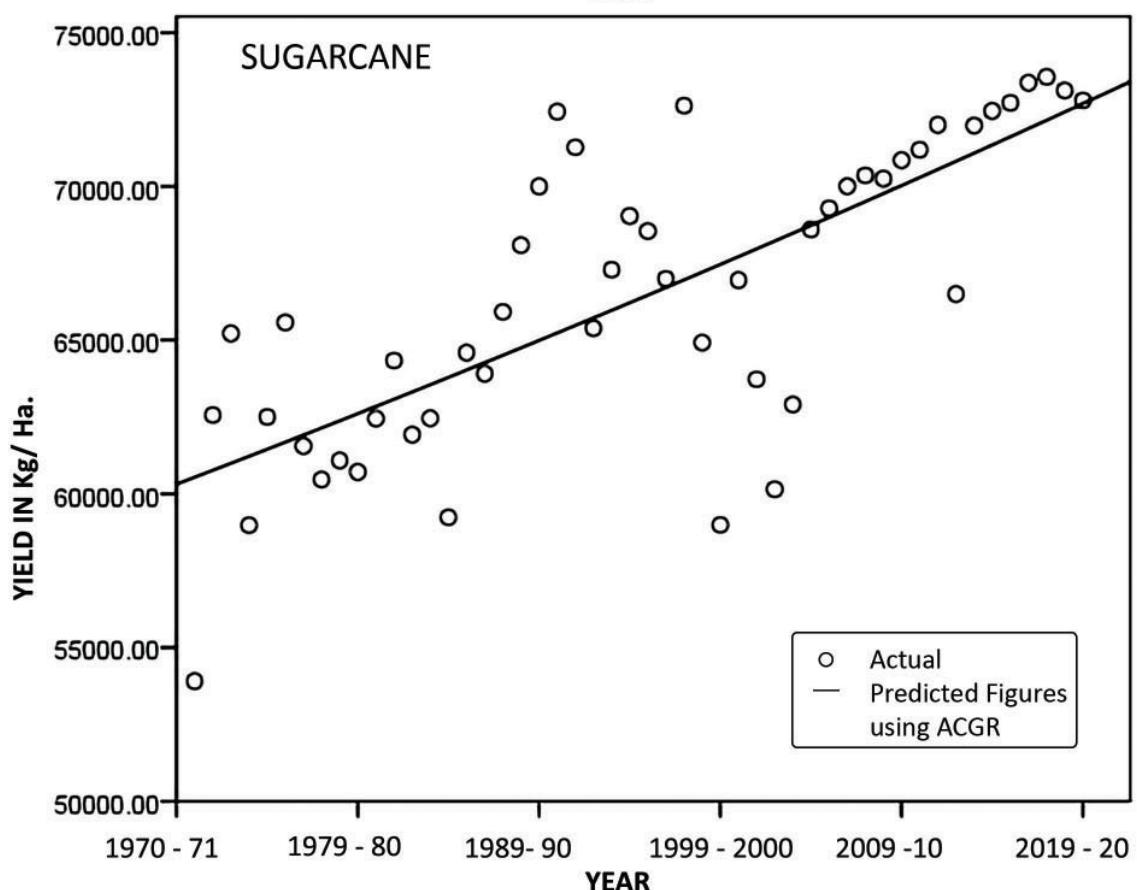
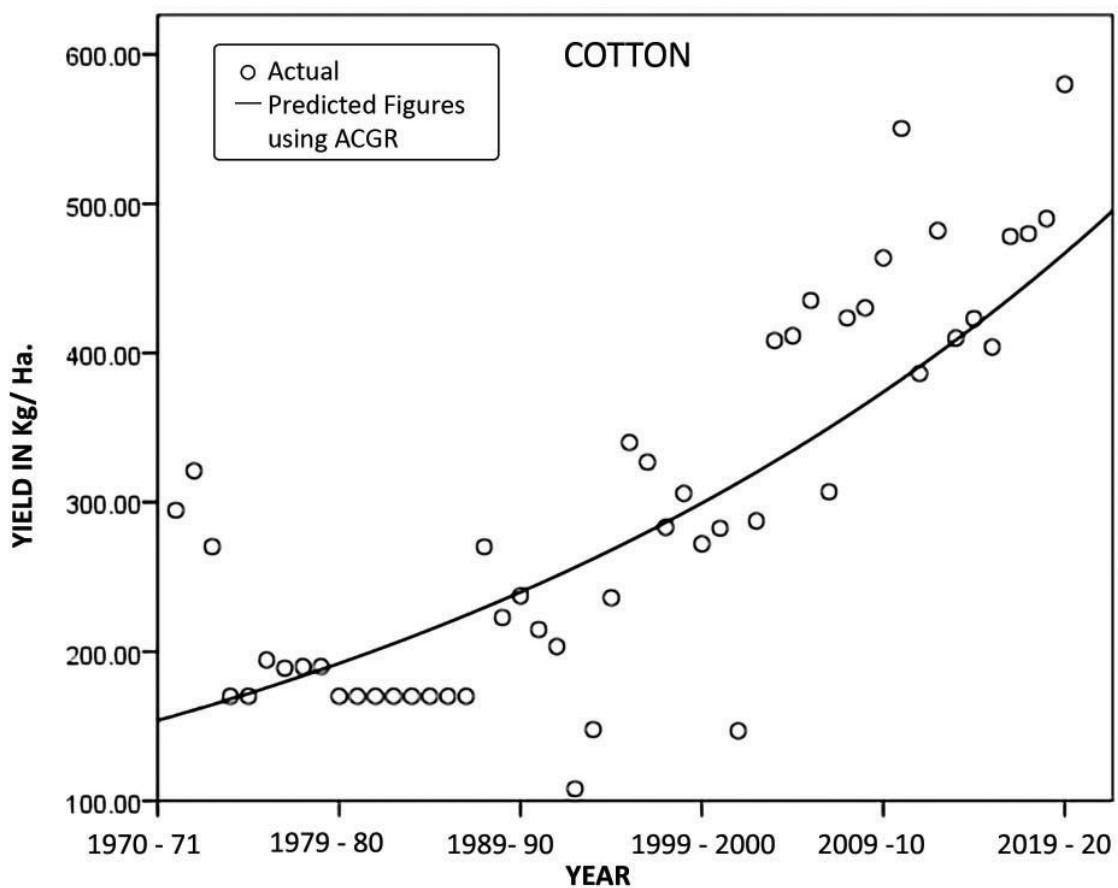


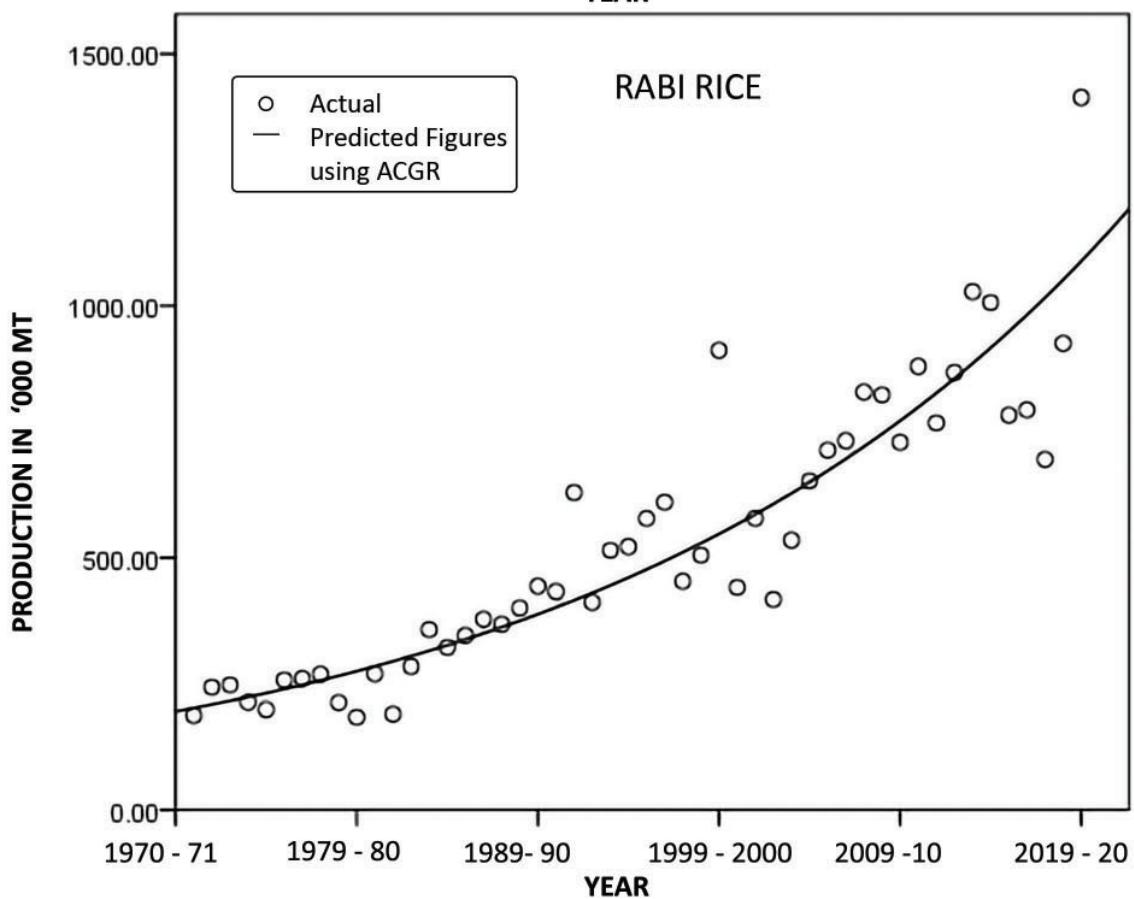
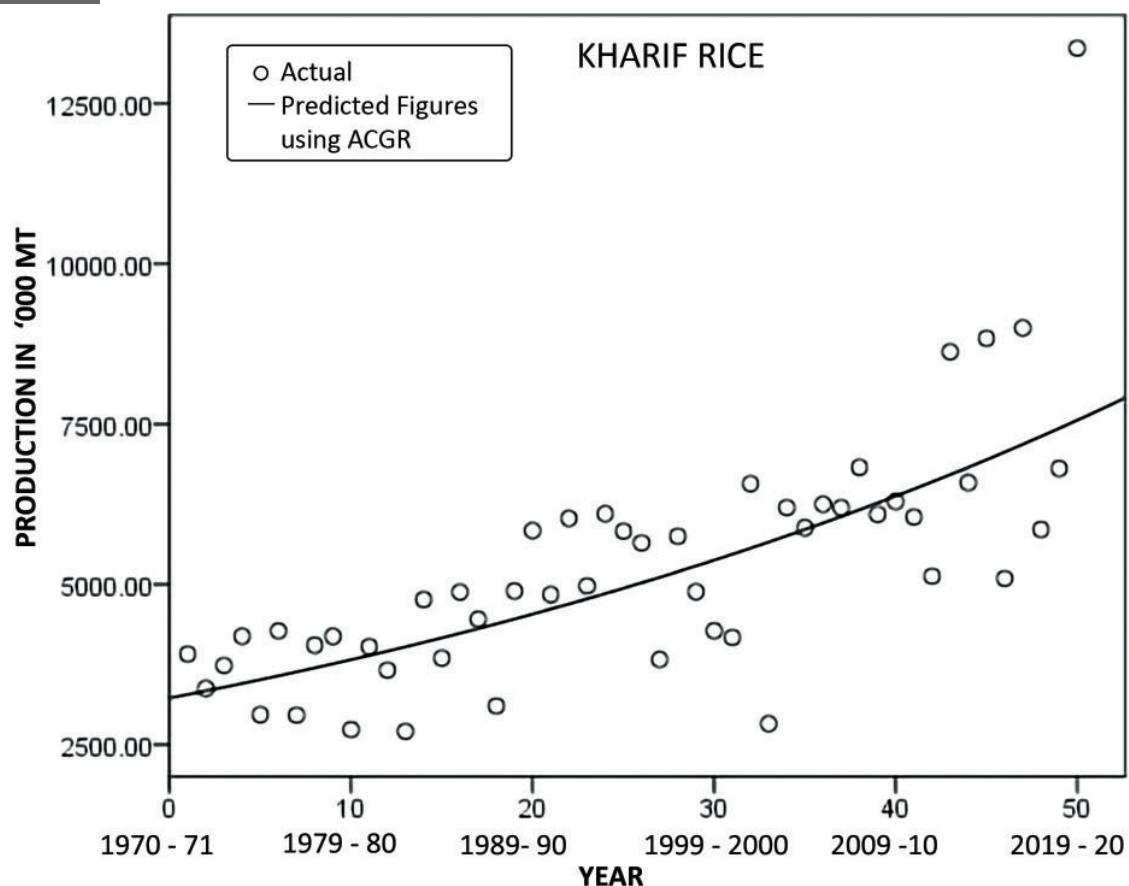


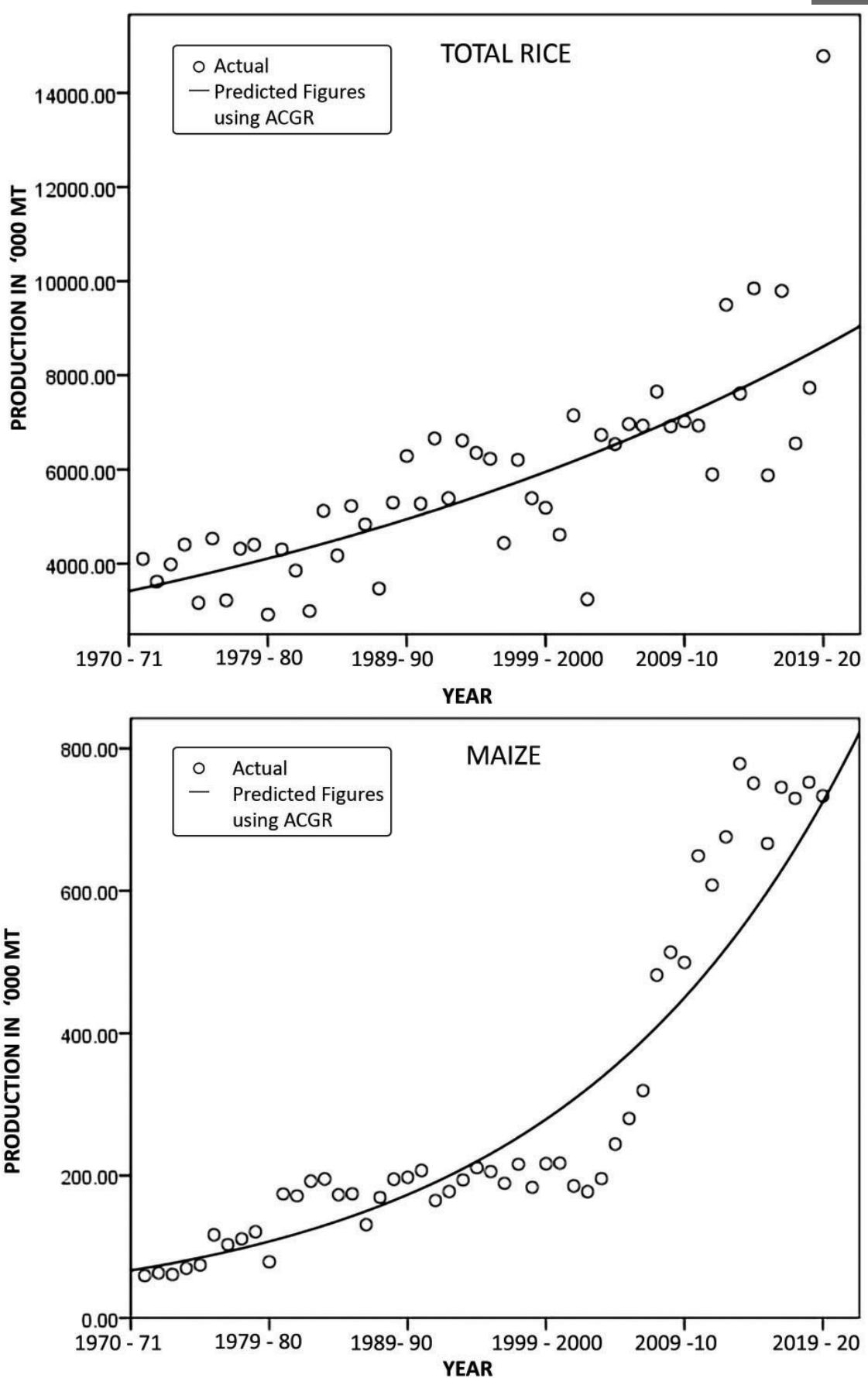


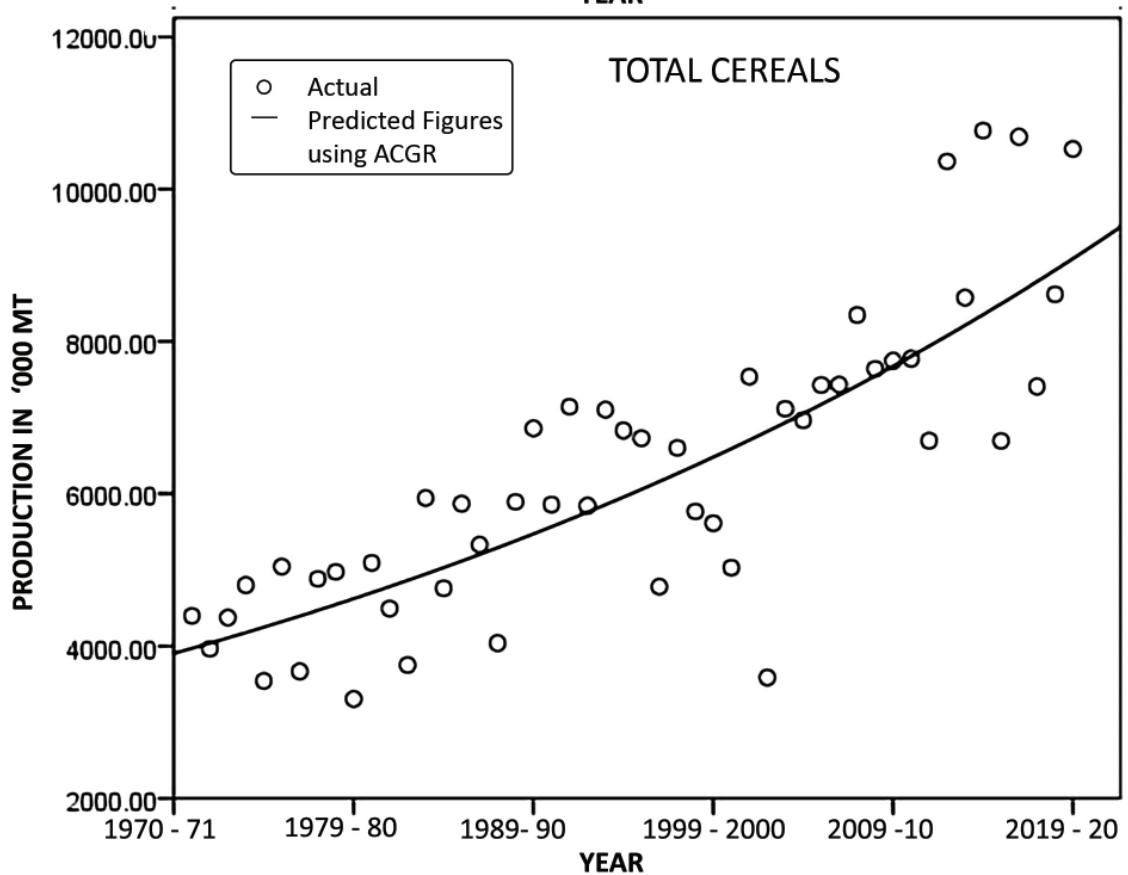
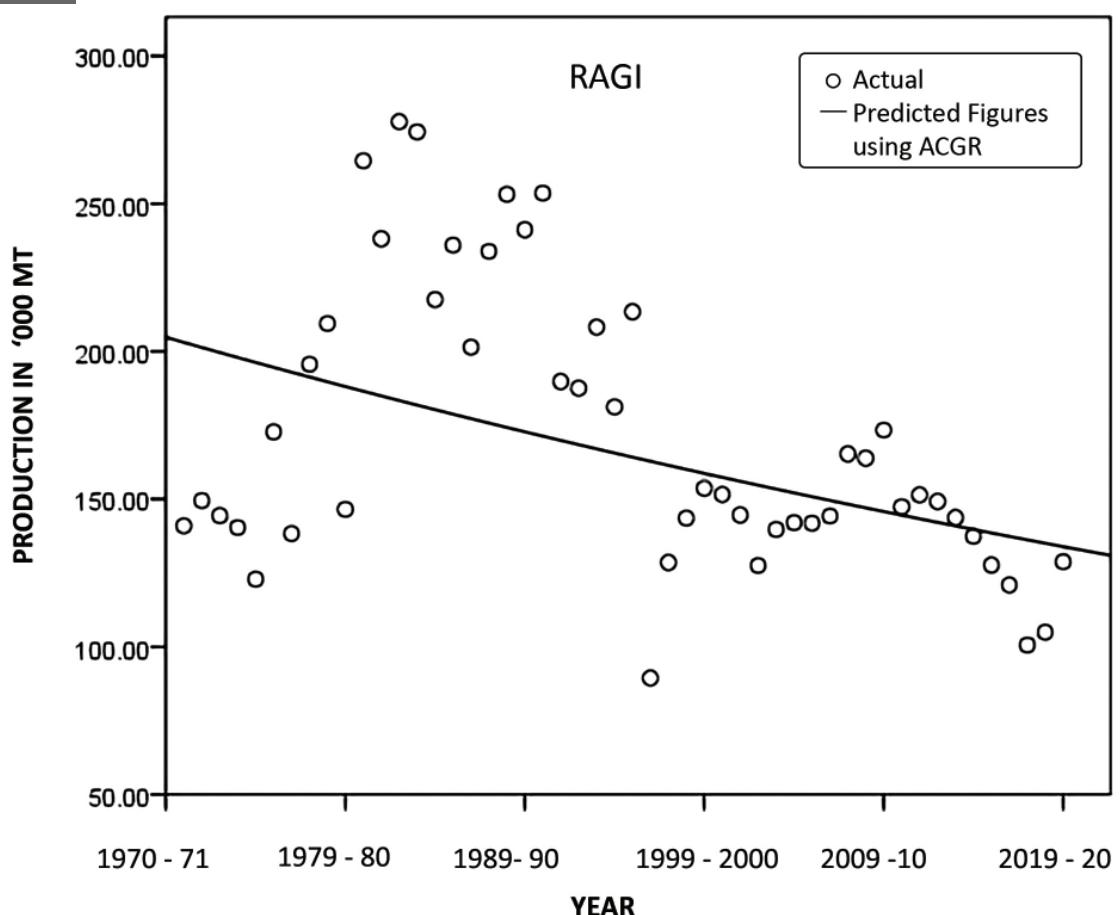


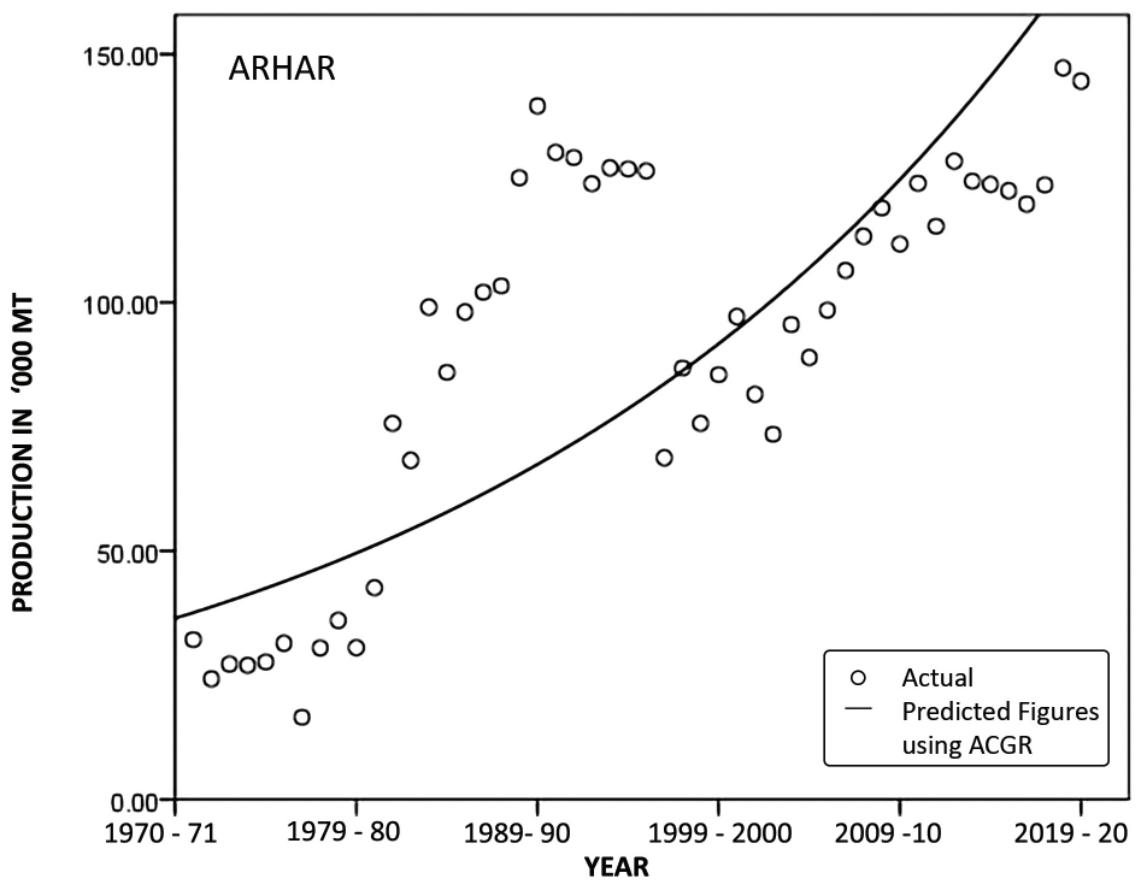
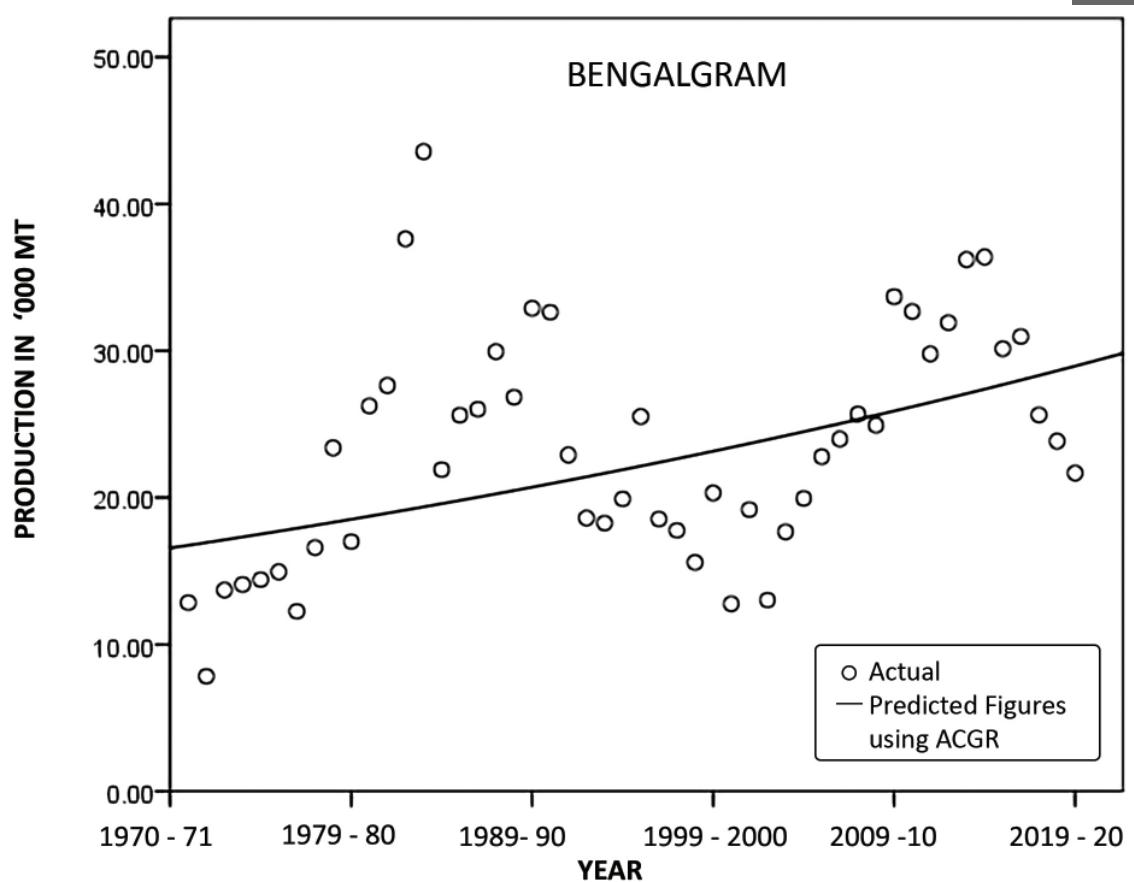


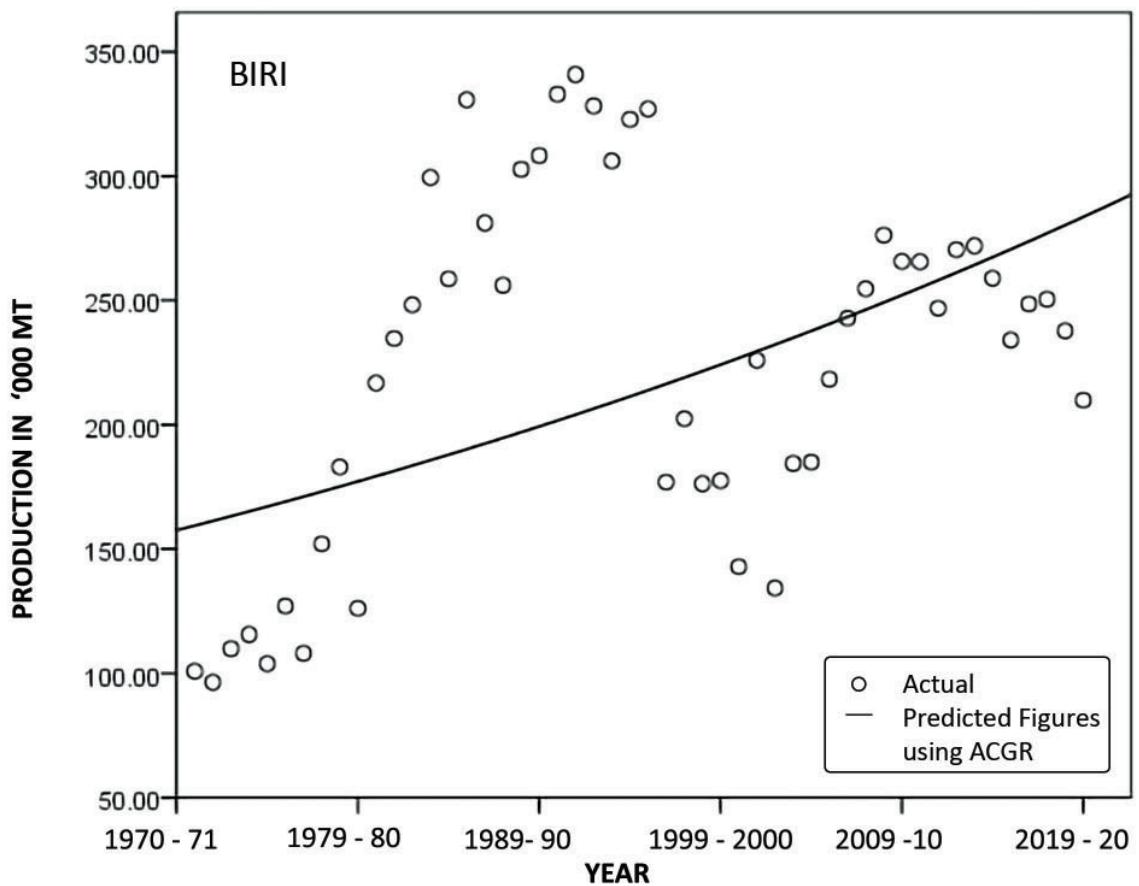
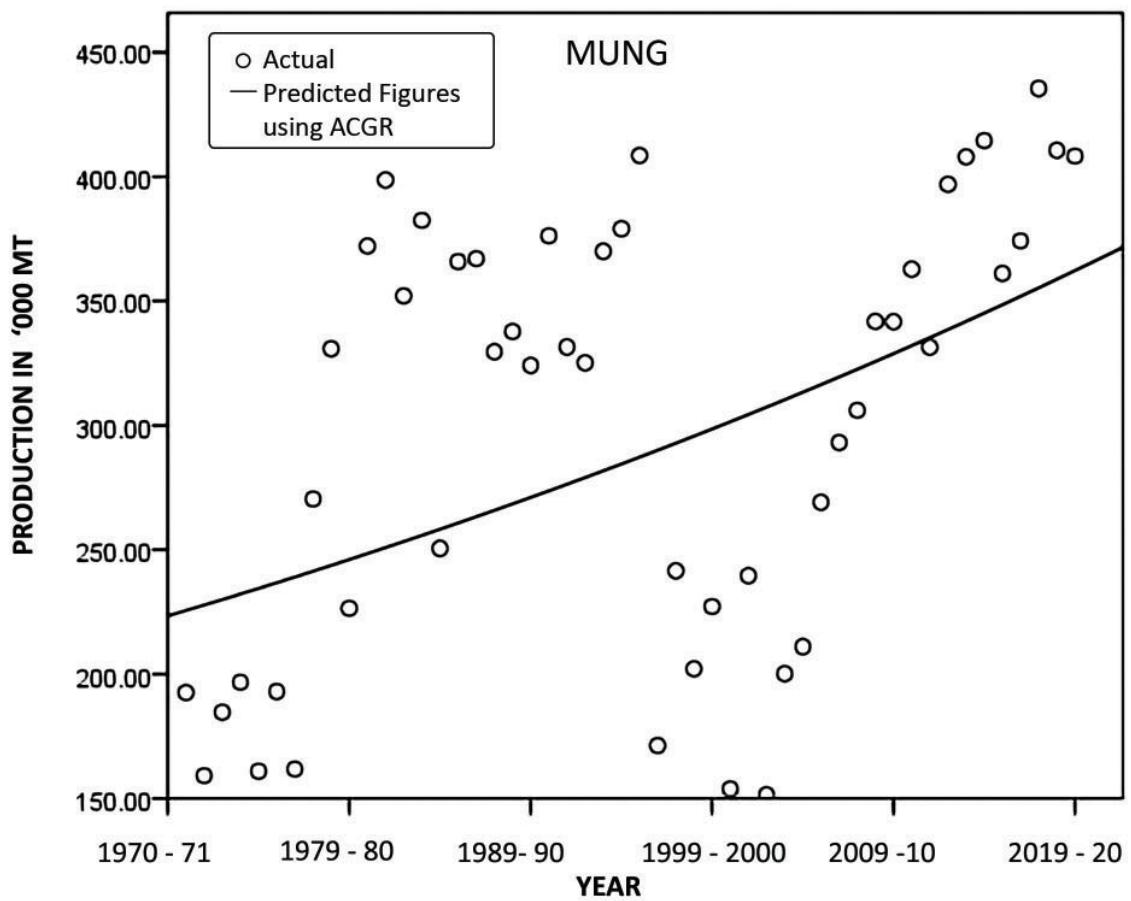


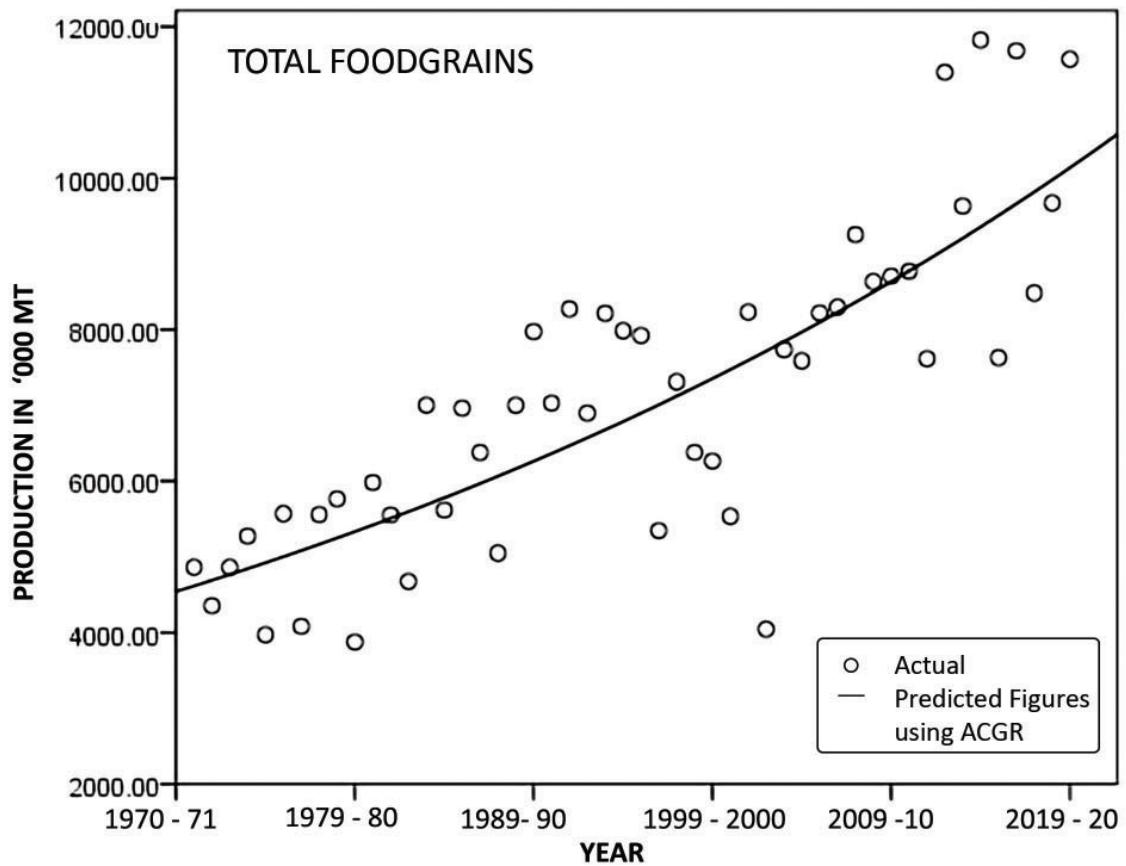
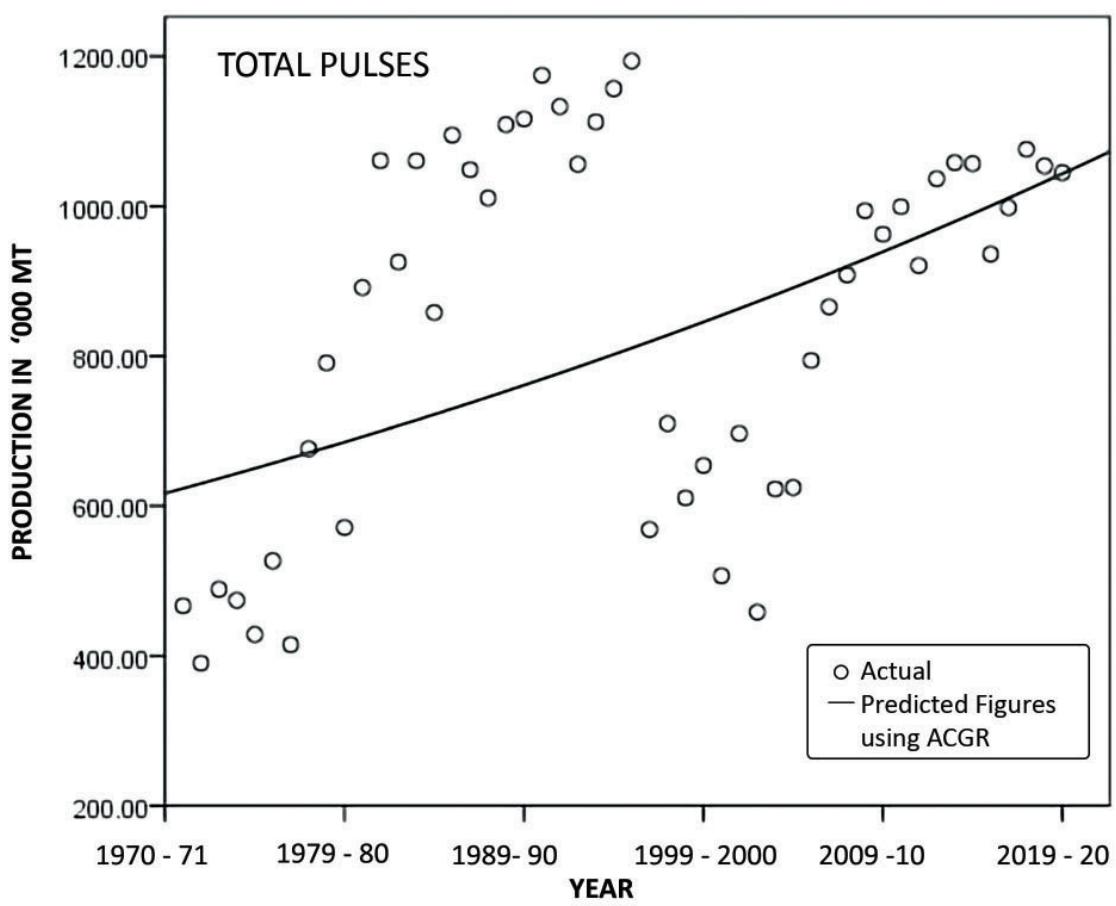


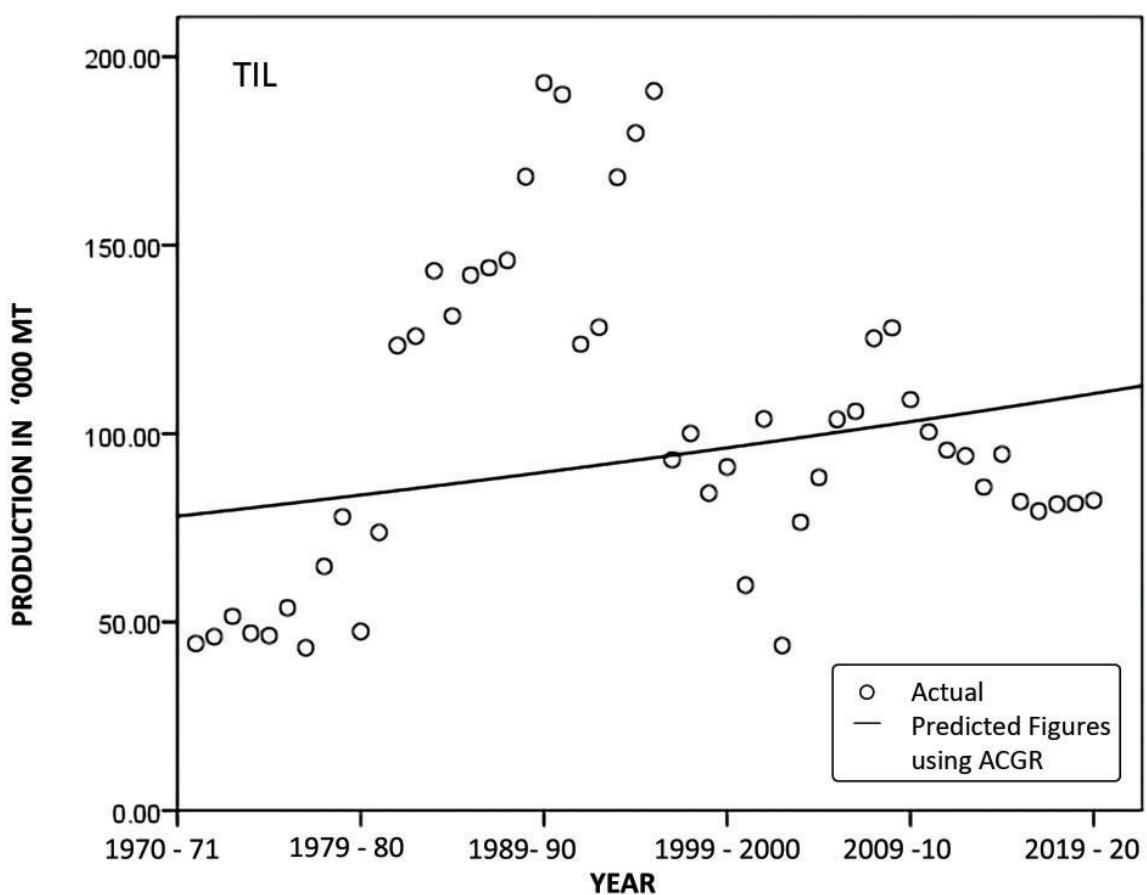
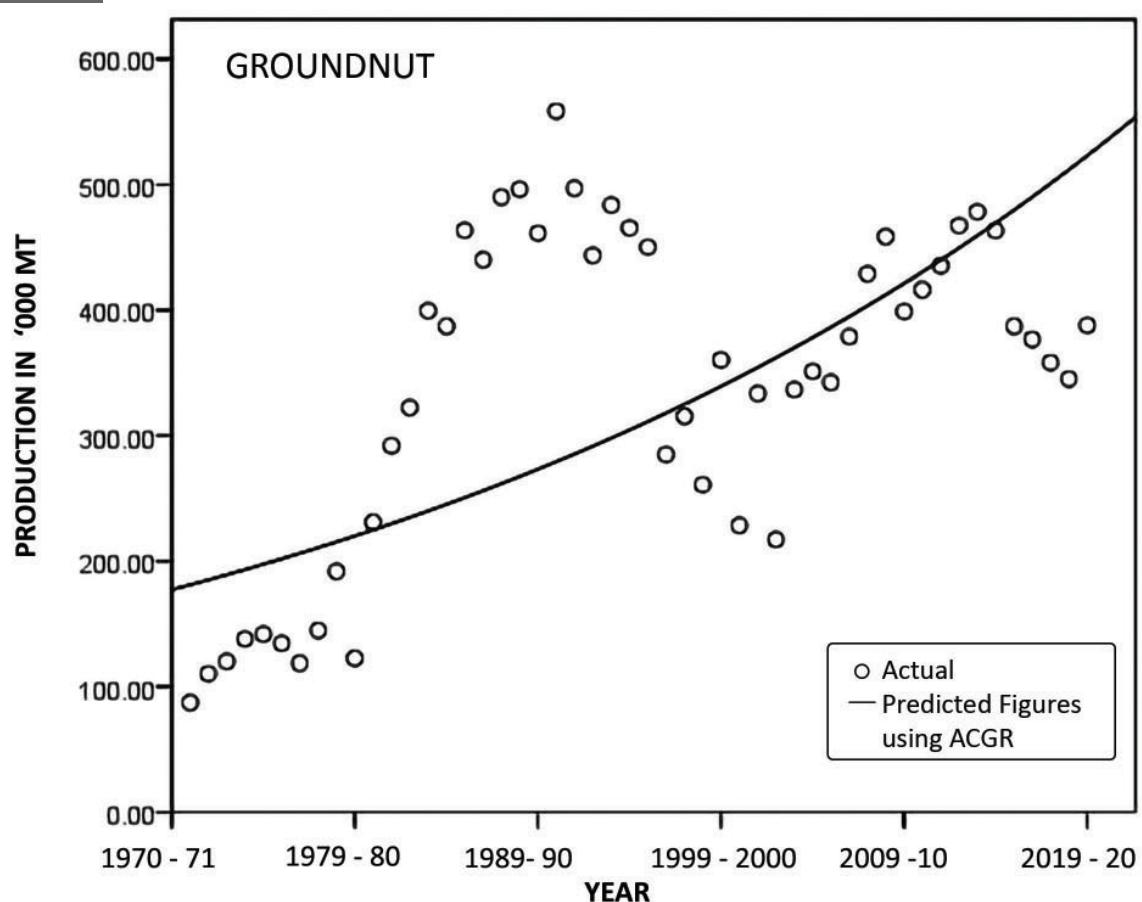


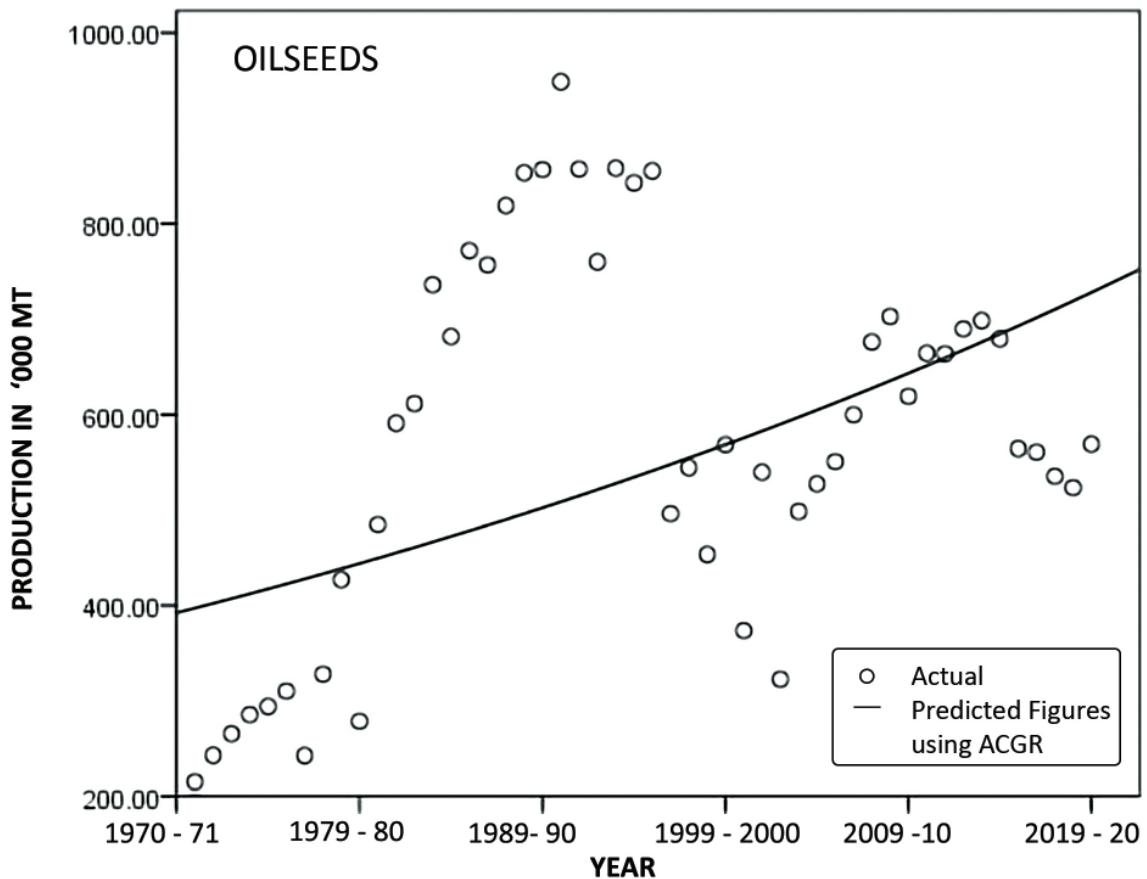
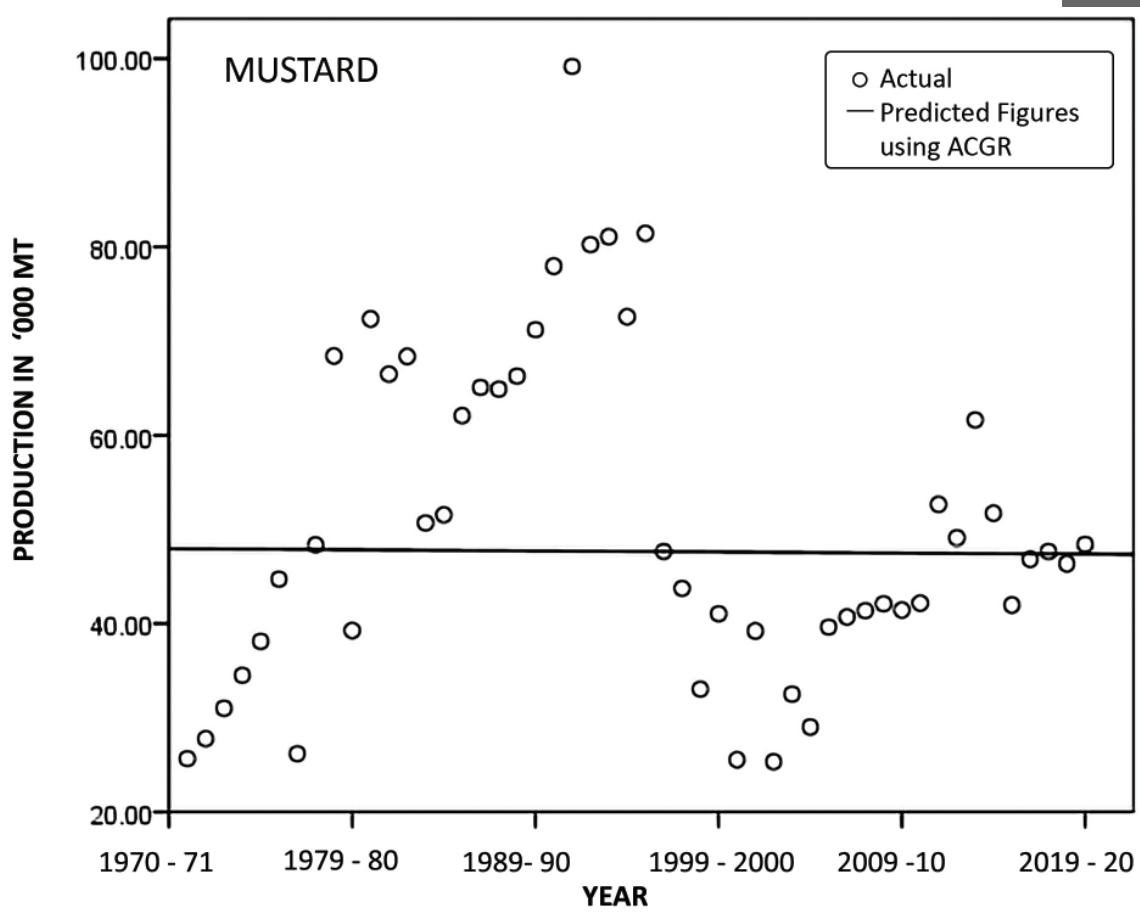


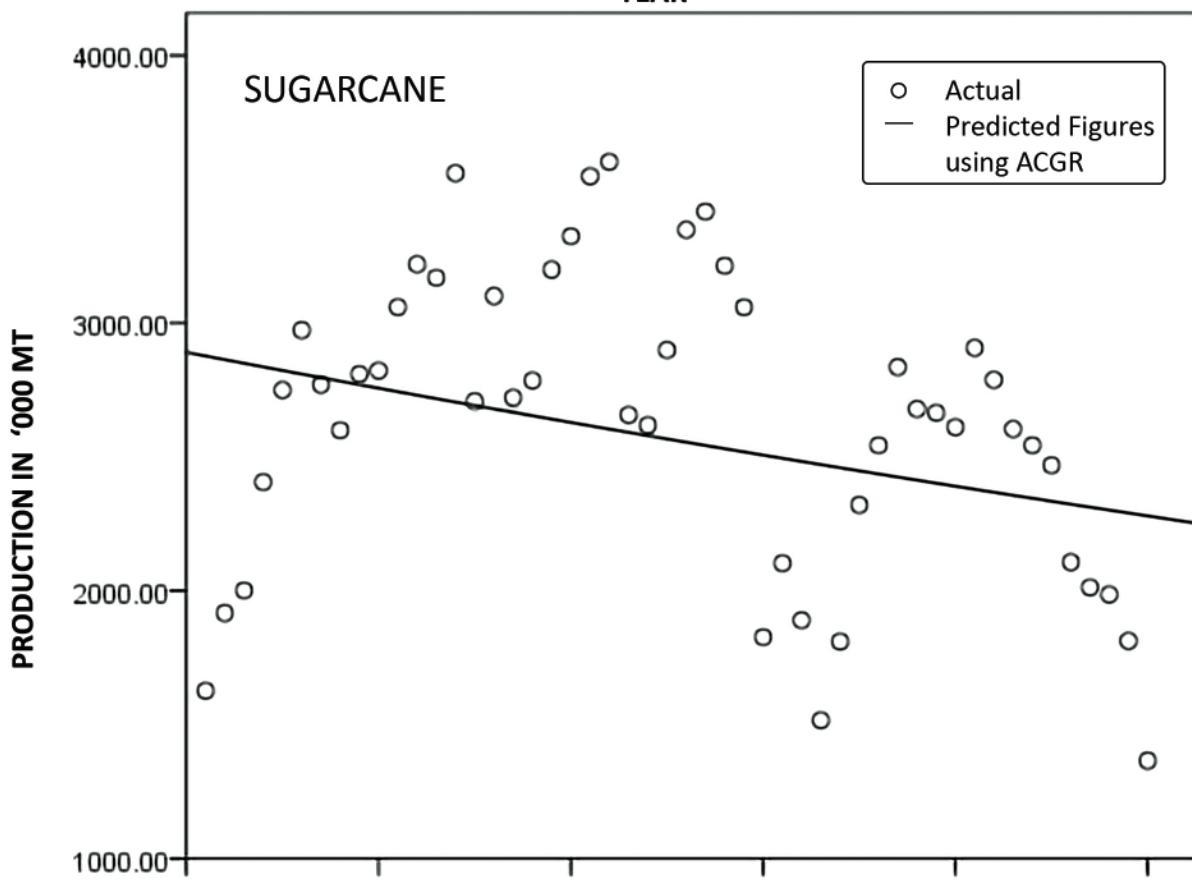
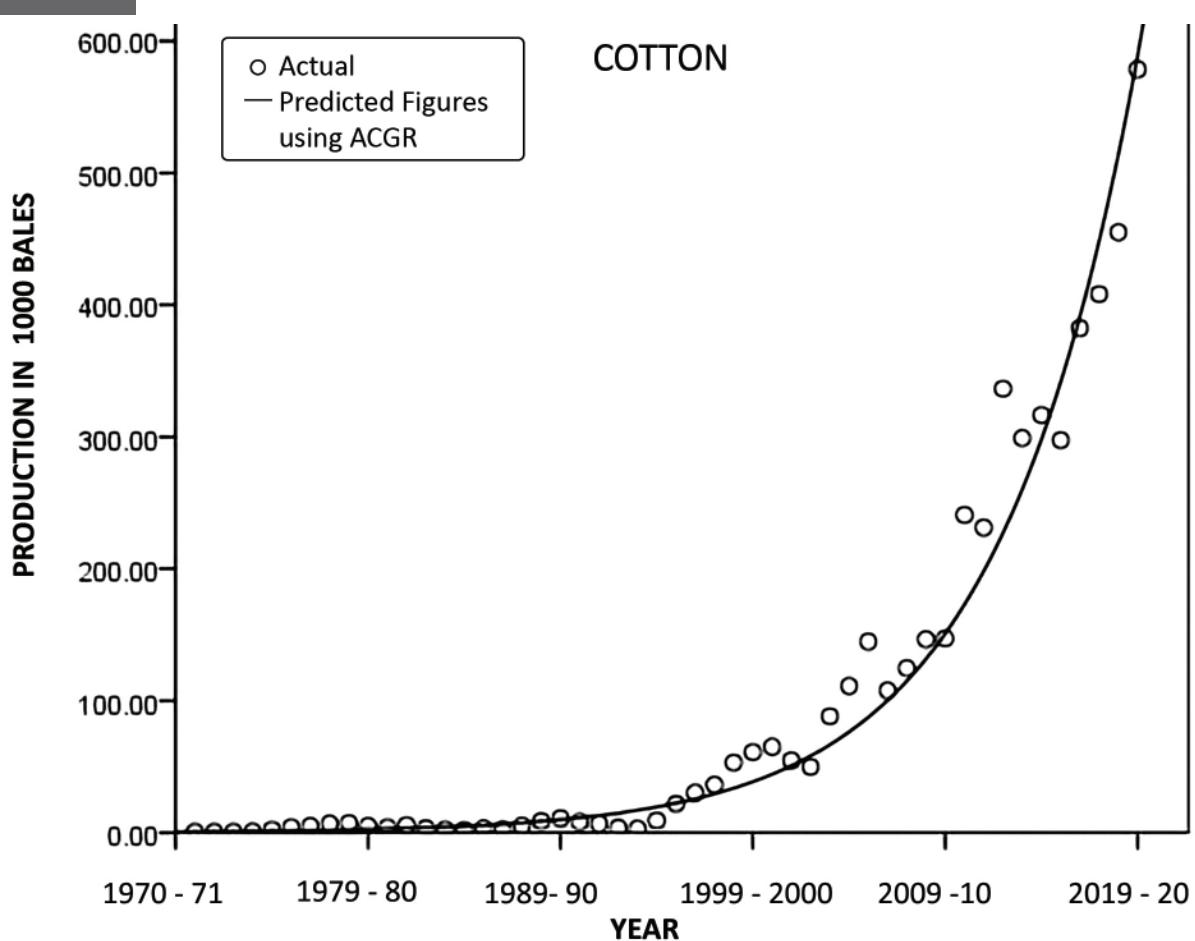












GROWTH OF POPULATION IN ODISHA AND INDIA SINCE 1901

YEAR	ODISHA			INDIA	
	POPULATION IN CRORES	DECENNIAL GROWTH (%)	POPULATION AS % TO THAT OF INDIA	POPULATION IN CRORES	DECENNIAL GROWTH (%)
1901	1.03		4.32	23.84	
1911	1.14	10.44	4.51	25.21	5.75
1921	1.12	(-) 1.94	4.44	25.13	(-) 0.31
1931	1.25	11.94	4.48	27.90	11.00
1941	1.38	10.22	4.32	31.87	14.22
1951	1.46	6.38	4.05	36.11	13.31
1961	1.75	19.82	4.00	43.92	21.51
1971	2.19	25.05	4.00	54.82	24.80
1981	2.64	20.17	3.86	68.33	24.64
1991	3.17	20.06	3.74	84.63	23.86
2001	3.67	15.94	3.57	102.70	21.34
2011	4.19	14.05	3.47	121.08	17.72
2020*	4.66	12.46	3.37	138.45	15.94

* Projected

Source- Registrar General of India, Agricultural Statistics at a Glance-2018 (for 1901 to 2011)

**PER CAPITA
AVAILABILITY OF
CEREALS, PULSES,
FOODGRAINS,
OILSEEDS AND
SUGAR IN ODISHA
(GRAMS/DAY)**

YEAR	CEREALS	PULSES	FOODGRAINS	OILSEEDS	SUGAR (Seeds)
	(Whole Grain)				
1970-71	524	47	571	23	19
1971-72	439	39	477	26	22
1972-73	474	48	522	28	22
1973-74	511	45	556	29	15
1974-75	370	40	410	29	29
1975-76	517	48	565	31	31
1976-77	369	37	406	23	29
1977-78	482	60	542	31	26
1978-79	482	69	551	40	28
1979-80	315	48	363	26	28
1980-81	477	74	551	44	29
1981-82	414	86	500	52	30
1982-83	339	76	414	53	29
1983-84	526	84	610	63	32
1984-85	413	66	480	57	24
1985-86	500	84	584	63	27
1986-87	446	79	525	61	23
1987-88	332	75	406	65	23
1988-89	475	80	556	67	26
1989-90	544	80	624	66	27
1990-91	457	82	539	71	28
1991-92	548	78	626	63	28
1992-93	440	71	511	55	21
1993-94	525	74	599	61	20
1994-95	496	75	571	59	22
1995-96	480	76	556	59	24
1996-97	334	36	370	33	25
1997-98	454	44	498	36	23
1998-99	389	37	426	29	21
1999-00	372	39	411	36	12
2000-01	327	30	357	23	14
2001-02	481	40	521	33	12
2002-03	224	26	250	19	10
2003-04	457	36	492	31	12
2004-05	441	35	476	32	15
2005-06	464	45	508	33	16
2006-07	458	48	506	36	18
2007-08	508	50	558	40	17
2008-09	459	54	513	41	16
2009-10	459	51	511	35	16
2010-11	455	53	508	37	17
2011-12	387	48	435	37	17
2012-13	592	53	645	38	15
2013-14	484	54	538	38	15
2014-15	601	53	654	36	14
2015-16	369	46	415	30	12
2016-17	582	49	631	29	11
2017-18	399	52	451	28	11
2018-19	459	50	509	27	10
2019-20	554	49	603	29	7

NOTE

Net Production is taken for :

- # Cereals - 78%, Pulses - 70%, Oilseeds - 75%, Sugar - 80% of the total production setting aside rest towards seeds, feed & waste.
- # Net availability is computed by dividing net production with adult equivalent of 88% of population / projected population
- # Production of sugar is assessed by taking 10% recovery (average).

DISTRICT-WISE POPULATION, DECADAL GROWTH RATE, SEX RATIO & POPULATION DENSITY OF ODISHA AS PER POPULATION CENSUS, 2011

SL. NO.	DISTRICT	POPULATION (in Nos.)			POPULATION OF SCHEDULED CASTES - PERSONS		
		Male	Female	Total	Male	Female	Total
1	ANGUL	655718	618103	1273821	121459	118093	239552
2	BALASORE	1185787	1134742	2320529	243597	234989	478586
3	BARGARH	749161	732094	1481255	150420	148360	298780
4	BHADRAK	760260	746077	1506337	168687	166209	334896
5	BOLANGIR	830097	818900	1648997	148356	146421	294777
6	BOUDH	221625	219537	441162	52497	52437	104934
7	CUTTACK	1352760	1271710	2624470	254456	244177	498633
8	DEOGARH	158230	154290	312520	26343	25769	52112
9	DHENKANAL	612593	580218	1192811	118755	115324	234079
10	GAJAPATI	282882	294935	577817	19037	20138	39175
11	GANJAM	1779218	1749813	3529031	342111	346124	688235
12	JAGATSINGPUR	577865	559106	1136971	125184	122968	248152
13	JAJPUR	926034	901158	1827192	220553	212834	433387
14	JHARSUGUDA	296690	282815	579505	52580	52040	104620
15	KALAHANDI	787101	789768	1576869	142133	144447	286580
16	KANDHAMAL	359945	373165	733110	56987	58557	115544
17	KENDRAPARA	717814	722547	1440361	155531	154249	309780
18	KEONJHAR	906487	895246	1801733	104684	104673	209357
19	KHORDHA	1167137	1084536	2251673	151528	145944	297472
20	KORAPUT	678809	700838	1379647	96789	99751	196540
21	MALKANGIRI	303624	309568	613192	70052	68243	138295
22	MAYURBHANJ	1256213	1263525	2519738	92127	92555	184682
23	NABARANGPUR	604812	616134	1220946	88252	89132	177384
24	NAYAGARH	502636	460153	962789	69813	66586	136399
25	NUAPADA	301962	308420	610382	40742	41417	82159
26	PURI	865380	833350	1698730	164366	160767	325133
27	RAYAGADA	471960	495951	967911	68068	71446	139514
28	SAMBALPUR	526877	514222	1041099	96511	95316	191827
29	SUBARNAPUR	311312	298871	610183	79725	76494	156219
30	SUNDARGARH	1061147	1032290	2093437	96465	95195	191660
ODISHA		21212136	20762082	41974218	3617808	3570655	7188463
ALL INDIA		623724248	586469174	1210193422	103535165	97842921	201378086

DISTRICT-WISE POPULATION, DECADAL GROWTH RATE, SEX RATIO & POPULATION DENSITY Contd.

SL. NO.	DISTRICT	POPULATION OF SCHEDULED TRIBES - PERSONS			POPULATION DENSITY PER SQUARE K.M	POPULATION DECADAL GROWTH RATE	LITERACY RATE
		Male	Female	Total			
1	ANGUL	89980	89623	179603	199	11.55	78.96
2	BALASORE	137748	137930	275678	609	14.47	80.66
3	BARGARH	140542	140593	281135	253	9.84	75.16
4	BHADRAK	15361	15067	30428	601	12.95	83.25
5	BOLANGIR	172489	174675	347164	251	23.29	65.50
6	BOUDH	27362	28002	55364	142	17.82	72.51
7	CUTTACK	47437	46308	93745	666	11.87	84.20
8	DEOGARH	55126	55274	110400	106	13.88	73.07
9	DHENKANAL	80878	81178	162056	268	11.82	79.41
10	GAJAPATI	151902	161812	313714	133	10.99	54.29
11	GANJAM	59172	59756	118928	429	11.37	71.88
12	JAGATSINGPUR	4226	3636	7862	681	7.44	87.13
13	JAJPUR	76048	75384	151432	630	12.43	80.44
14	JHARSUGUDA	88273	88485	176758	274	12.56	78.36
15	KALAHANDI	221171	228285	449456	199	17.79	60.22
16	KANDHAMAL	190506	202314	392820	91	12.92	65.12
17	KENDRAPARA	4748	4736	9484	545	10.59	85.93
18	KEONJHAR	405927	412951	818878	217	15.42	69.00
19	KHORDHA	59094	55957	115051	799	19.65	87.51
20	KORAPUT	337373	360210	697583	156	16.63	49.87
21	MALKANGIRI	171717	182897	354614	106	21.53	49.49
22	MAYURBHANJ	730487	749089	1479576	241	13.06	63.98
23	NABARANGPUR	335028	346145	681173	230	18.81	48.20
24	NAYAGARH	29173	29518	58691	247	11.30	79.17
25	NUAPADA	100469	105858	206327	157	14.28	58.20
26	PURI	3240	2889	6129	488	13.00	85.37
27	RAYAGADA	259040	282865	541905	136	15.74	50.88
28	SAMBALPUR	177565	177696	355261	158	12.24	76.91
29	SUBARNAPUR	28794	28398	57192	279	20.35	74.42
30	SUNDARGARH	526856	535493	1062349	214	13.66	74.13
ODISHA		4727732	4863024	9590756	269	13.97	73.45
ALL INDIA		52409823	51871211	104281034	382	17.64	74.04

OCCUPATIONAL CLASSIFICATION OF MAIN WORKERS, MARGINAL WORKERS & TOTAL WORKERS IN ODISHA ACCORDING TO 2011 CENSUS

Fig. in No

SL.NO.	DISTRICTS	CULTI-VATORS	AGRICUL-TURAL LABOURERS	HOUSE-HOLD INDUSTRY	OTHER WORKERS	TOTAL WORKERS	MAIN WORKERS	MARGINAL WORKERS	TOTAL WORKERS
1	ANGUL	107607	172414	19840	159785	459646	317547	208973	526520
2	BALASORE	288818	358214	17203	208123	872358	618064	314643	932707
3	BARAGARH	216413	360650	34886	113570	725519	474390	287702	762092
4	BHADRAK	155956	151377	8648	113532	429513	328097	140502	468599
5	BOLANGIR	166565	326416	16721	144441	654143	402227	318374	720601
6	BOUDH	63657	104685	7251	28103	203696	123724	95733	219457
7	CUTTACK	138698	248298	36649	407807	831452	696274	240091	936365
8	DEOGARH	42660	82490	4772	22090	152012	83408	82027	165435
9	DHENKANAL	71230	163636	10672	140155	385693	277338	158195	435533
10	GAJAPATI	65062	153199	2649	46031	266941	170371	123562	293933
11	GANJAM	284943	565448	34534	447129	1332054	900744	601028	1501772
12	JAGATSINGPUR	111320	110323	10212	131845	363700	290170	113479	403649
13	JAJPUR	120881	186021	14067	181011	501980	407564	144670	552234
14	JHARSUGUDA	40867	56809	9320	108985	215981	172069	75638	247707
15	KALAHANDI	144991	436733	9198	110789	701711	376757	375173	751930
16	KANDHAMAL	94692	149834	4438	38815	287779	151694	153744	305438
17	KENDRAPARA	79221	162932	4094	60125	306372	167112	188237	355349
18	KEONJHAR	149264	143864	9261	119893	422282	322265	144625	466890
19	KHURDA	198044	310075	12007	187014	707140	442497	324017	766514
20	KORAPUT	92662	116274	29066	459694	697696	632625	159568	792193
21	MALKANGIRI	207194	290626	7786	138742	644348	396460	296946	693406
22	MAYURBHANJ	151260	106353	2291	32894	292798	179030	131636	310666
23	NUAPARA	238772	568755	35730	195995	1039252	548390	675144	1223534
24	NAWARANGPUR	173086	328783	6778	64974	573621	279115	331791	610906
25	NAYAGARH	83022	120129	9553	91280	303984	229076	114557	343633
26	PURI	172761	163942	15648	207981	560332	450536	171140	621676
27	RAYAGADA	99265	248175	4787	80300	432527	227815	239307	467122
28	SAMBALPUR	86800	160798	34007	157140	438745	336854	168986	505840
29	SUBARNAPUR	74005	139413	12928	40725	267071	170218	116443	286661
30	SUNDARGARH	184273	253327	16490	326780	780870	535112	338115	873227
ODISHA		4103989	6739993	441486	4565748	15851216	10707543	6834046	17541589

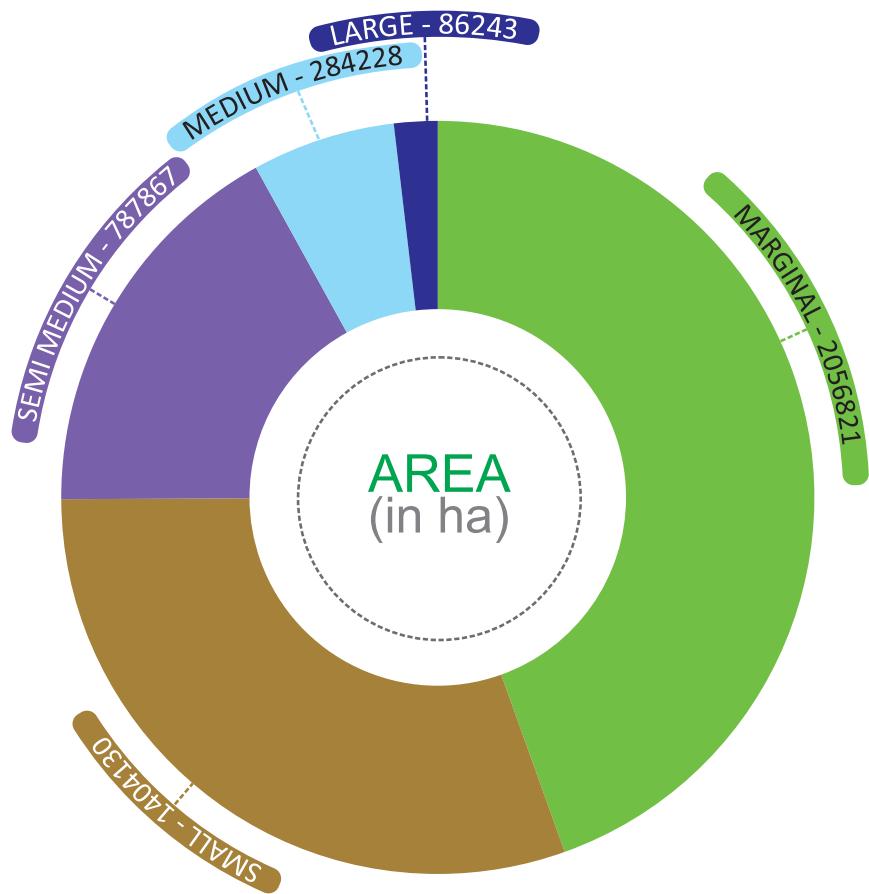
DISTRICT-WISE ESTIMATES OF AREA UNDER DIFFERENT CATEGORIES OF OPERATIONAL HOLDINGS IN ODISHA AS PER AGRICULTURE CENSUS 2015-16

(Area in ha.)

SL.NO.	DISTRICTS	MARGINAL	SMALL	SEMI-MEDIUM	MEDIUM	LARGE	TOTAL
		(< 1.0 ha)	(1 - 2 ha)	(2 - 4 ha)	(4 - 10 ha)	(> 10 ha)	(All groups)
1	ANGUL	78643	31332	13176	4247	2121	129519
2	BALASORE	143319	55036	16043	3036	735	218169
3	BARGARH	67078	79594	63374	33010	7166	250222
4	BHADRAK	81776	49698	20564	5213	500	157751
5	BOLANGIR	96662	80416	48541	21117	4025	250761
6	BOUDH	26489	26421	17272	5567	611	76360
7	CUTTACK	87377	39881	13287	2368	1789	144702
8	DEOGARH	22514	15759	7561	2670	379	48883
9	DHENKANAL	46065	25286	8988	1870	2627	84836
10	GAJAPATI	22375	22258	13389	3865	162	62049
11	GANJAM	132127	66340	35452	11775	4822	250516
12	JAGATSINGPUR	48413	24171	7916	1487	168	82155
13	JAJPUR	76569	44552	17291	4775	2884	146071
14	JHARSUGUDA	17653	13411	7258	3361	2340	44023
15	KALAHANDI	84764	78641	62721	32639	8687	267452
16	KANDHAMAL	39469	26660	10334	3039	773	80275
17	KENDRAPARA	66213	34601	12040	2312	780	115946
18	KEONJHAR	124769	78776	34018	8110	2306	247979
19	KHORDHA	61011	25860	8964	2244	3551	101630
20	KORAPUT	55579	66877	65156	19856	9279	216747
21	MALKANGIRI	32644	56210	43460	10221	481	143016
22	MAYURBHANJ	190368	99805	47733	13090	2296	353292
23	NABARANGPUR	63739	56009	43978	18503	2190	184419
24	NAYAGARH	56141	24350	8569	1724	1392	92176
25	NUAPADA	45483	36861	25308	8471	1665	117788
26	PURI	82290	34446	12810	2750	1403	133699
27	RAYAGADA	50581	50183	29237	13702	4314	148017
28	SAMBALPUR	33902	35752	28945	20856	10626	130081
29	SUBARNAPUR	29885	26197	19935	8846	1625	86488
30	SUNDARGARH	92923	98747	44547	13504	4546	254267
ODISHA		2056821	1404130	787867	284228	86243	4619289

OPERATIONAL HOLDINGS

AREA IN ha.



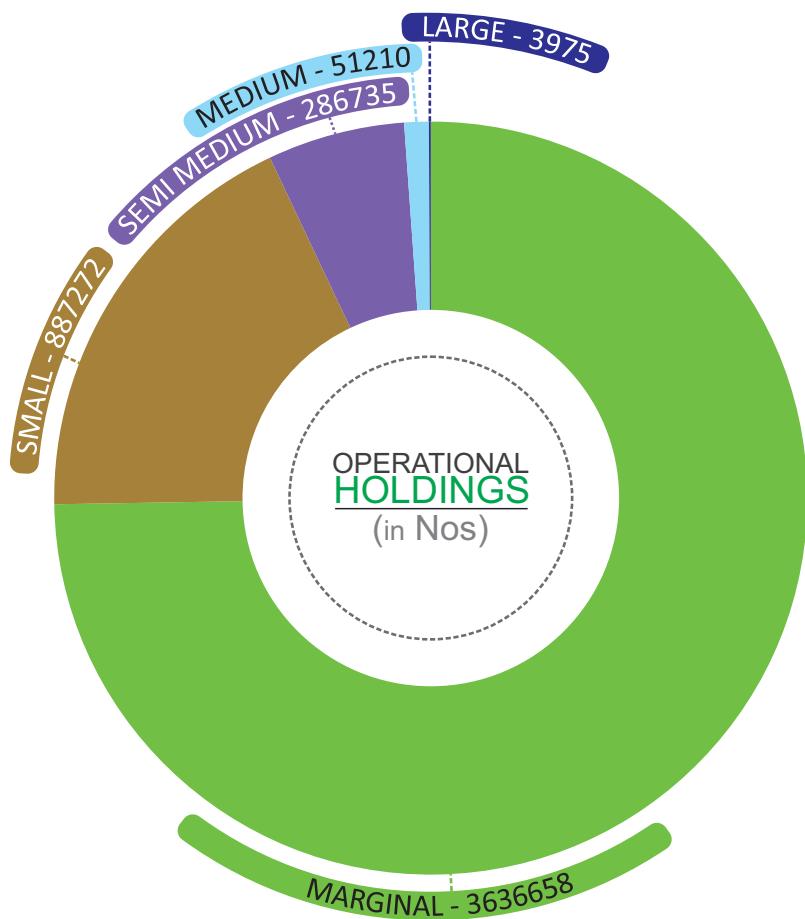
CATEGORIES OF FARMER	MARGINAL	SMALL	SEMI MEDIUM	MEDIUM	LARGE	TOTAL
AREA (in Ha)	20,56,821	14,04,130	7,87,867	2,84,228	86,243	46,19,289

DISTRICT-WISE ESTIMATES OF NUMBER OF DIFFERENT CATEGORIES OF OPERATIONAL HOLDINGS IN ODISHA AS PER AGRICULTURE CENSUS 2015-16

SL.NO.	DISTRICTS	MARGINAL	SMALL	SEMI-MEDIUM	MEDIUM	LARGE	TOTAL	AVERAGE SIZE OF HOLDING (ha)
		(< 1.0 ha)	(1 - 2 ha)	(2 - 4 ha)	(4 - 10 ha)	(> 10 ha)	(All groups)	
1	ANGUL	127708	15970	4269	737	83	148767	0.87
2	BALASORE	255412	30830	5360	513	13	292128	0.75
3	BARGARH	124348	54933	24510	6123	494	210408	1.19
4	BHADRAK	162900	33389	7775	1040	33	205137	0.77
5	BOLANGIR	158356	48567	17449	3730	247	228349	1.1
6	BOUDH	47836	17656	6366	1027	32	72917	1.05
7	CUTTACK	195148	27373	5157	468	39	228185	0.63
8	DEOGARH	41879	10187	2714	466	31	55277	0.88
9	DHENKANAL	100679	19387	3607	371	74	124118	0.68
10	GAJAPATI	44761	16482	5330	746	8	67327	0.92
11	GANJAM	240248	37676	12183	2057	199	292363	0.86
12	JAGATSINGPUR	112373	18965	3287	310	13	134948	0.61
13	JAJPUR	131752	26687	6128	875	76	165518	0.88
14	JHARSUGUDA	30509	8135	2538	564	79	41825	1.05
15	KALAHANDI	132331	45574	20988	5487	438	204818	1.31
16	KANDHAMAL	70145	17193	3689	548	33	91608	0.88
17	KENDRAPARA	113625	19582	4259	397	31	137894	0.84
18	KEONJHAR	198601	46673	11610	1379	98	258361	0.96
19	KHORDHA	110633	14903	3074	391	97	129098	0.79
20	KORAPUT	88869	42540	23532	3648	337	158926	1.36
21	MALKANGIRI	54523	41419	17969	2193	28	116132	1.23
22	MAYURBHANJ	321283	60472	16654	2363	86	400858	0.88
23	NABARANGPUR	101810	35850	15949	3207	127	156943	1.18
24	NAYAGARH	106026	14335	3046	319	46	123772	0.74
25	NUAPADA	74155	21998	8892	1509	86	106640	1.1
26	PURI	146463	21672	4773	541	61	173510	0.77
27	RAYAGADA	86552	36995	11591	2632	267	138037	1.07
28	SAMBALPUR	57447	21989	10306	3494	498	93734	1.39
29	SUBARNAPUR	58232	17443	7575	1648	110	85008	1.02
30	SUNDARGARH	142054	62397	16155	2427	211	223244	1.14
ODISHA		3636658	887272	286735	51210	3975	4865850	0.95

OPERATIONAL HOLDINGS

IN Nos



CATEGORIES OF FARMER	MARGINAL	SMALL	SEMI MEDIUM	MEDIUM	LARGE	TOTAL
Nos OF FARMERS	36,36,658	8,87,272	2,86,735	51,210	3,975	48,65,850

ESTIMATES OF MARKETABLE SURPLUS OF RICE,CEREALS, PULSES AND OILSEEDS FROM 2001-02 TO 2018-19

(Fig.in Lakh Nos./Tonnes)

ITEM	YEAR	PROJECTED POPULATION	ADULT EQUIVALENT TO 88%*	TOTAL CONSUMPTION REQUIREMENT	TOTAL REQUIREMENT (INCLUDING SEED, FEED & WASTAGE)	PRODUCTION	SURPLUS/DEFICIT
RICE	(Requirement 400 gms per adult per day)						
2001-02	370.48	326.02	47.60	54.40	71.49	17.09	
2002-03	375.35	330.31	48.23	55.12	32.44	-22.68	
2003-04	380.29	334.66	48.86	55.84	67.34	11.50	
2004-05	385.30	339.06	49.50	56.57	65.37	8.80	
2005-06	390.37	343.53	50.16	57.33	69.63	12.30	
2006-07	395.51	348.05	50.82	58.08	69.28	11.20	
2007-08	400.72	352.63	51.48	58.83	76.55	17.72	
2008-09	406.00	357.28	52.16	59.61	69.16	9.55	
2009-10	411.34	361.98	52.85	60.40	70.22	9.82	
2010-11	416.76	366.75	53.55	61.20	69.31	8.11	
2011-12	422.24	371.57	54.25	62.00	58.95	-3.05	
2012-13	427.80	376.49	54.97	62.82	94.97	32.11	
2013-14	433.49	381.47	55.69	63.65	76.13	18.92	
2014-15	439.14	386.44	56.42	64.48	98.45	33.97	
2015-16	444.92	391.53	57.24	65.43	58.75	-6.68	
2016-17	450.78	396.66	57.92	66.20	97.94	31.74	
2017-18	456.71	401.88	58.68	67.07	65.51	-1.56	
2018-19	462.99	407.45	59.49	67.98	77.34	9.36	
CEREALS	(Requirement 500 gms per adult per day)						
2001-02	370.48	326.02	59.50	68.00	75.36	7.36	
2002-03	375.35	330.31	60.28	68.89	35.86	-33.03	
2003-04	380.29	334.66	61.08	69.81	71.14	1.33	
2004-05	385.30	339.06	61.88	70.72	69.64	-1.08	
2005-06	390.37	343.53	62.69	71.65	74.26	2.61	
2006-07	395.51	348.05	63.52	72.59	74.32	1.73	
2007-08	400.72	352.63	64.35	73.54	83.46	9.92	
2008-09	406.00	357.28	65.20	74.51	76.40	1.89	
2009-10	411.34	361.98	66.06	75.50	77.45	1.95	
2010-11	416.76	366.75	66.93	76.49	77.71	1.22	
2011-12	422.24	371.57	67.81	77.50	66.95	-10.55	
2012-13	427.80	376.49	68.71	78.53	103.62	25.09	
2013-14	433.49	381.47	69.62	79.57	85.74	6.17	
2014-15	439.14	386.44	70.53	80.61	107.67	27.06	
2015-16	444.92	391.53	71.45	82.74	66.94	-14.72	
2016-17	450.78	396.69	72.40	82.74	106.84	24.62	
2017-18	456.71	401.88	73.34	83.79	74.06	-9.73	
2018-19	462.99	407.45	74.36	84.99	86.18	1.19	

*Using population census of 1991, 2001 & 2011

ESTIMATES OF MARKETABLE SURPLUS OF RICE,CEREALS, PULSES & OILSEEDS FROM 2001-02 TO 2018-19Contd.

(Fig.in Lakh Nos./Tonnes)

ITEM	YEAR	PROJECTED POPULATION	ADULT EQUIVALENT TO 88%*	TOTAL CONSUMPTION REQUIREMENT	TOTAL REQUIREMENT (INCLUDING SEED, FEED & WASTAGE)	PRODUCTION	SURPLUS/DEFICIT
PULSES (Requirement 50 gms (dal) per adult per day)							
2001-02	370.48	326.02	8.45	9.66	6.97	-2.69	
2002-03	375.35	330.31	8.56	9.78	4.58	-5.20	
2003-04	380.29	334.66	8.67	9.91	6.23	-3.68	
2004-05	385.30	339.06	8.79	10.05	6.25	-3.80	
2005-06	390.37	343.53	8.90	10.17	7.94	-2.23	
2006-07	395.51	348.05	9.02	10.31	8.66	-1.65	
2007-08	400.72	352.63	9.14	10.45	9.08	-1.37	
2008-09	406.00	357.28	9.26	10.58	9.94	-0.64	
2009-10	411.34	361.98	9.38	10.72	9.63	-1.09	
2010-11	416.76	366.75	9.50	10.86	9.99	-0.87	
2011-12	422.24	371.57	9.63	11.01	9.21	-1.80	
2012-13	427.80	376.49	9.76	11.15	10.37	-0.78	
2013-14	433.49	381.47	9.89	11.30	10.58	-0.72	
2014-15	439.14	386.44	10.01	11.44	10.57	-0.87	
2015-16	444.92	391.53	10.15	11.60	9.36	-2.24	
2016-17	450.78	396.69	10.28	11.75	9.98	-1.77	
2017-18	456.71	401.88	10.43	11.88	10.76	-1.12	
2018-19	462.99	407.45	10.54	12.01	10.54	-1.47	
OIL-SEEDS (Requirement 45gms of Oilseeds per adult per day)							
2001-02	370.48	326.02	16.17	18.48	5.40	-13.08	
2002-03	375.35	330.31	16.38	18.72	3.23	-15.49	
2003-04	380.29	334.66	16.60	18.97	4.98	-13.99	
2004-05	385.30	339.06	16.82	19.22	5.28	-13.94	
2005-06	390.37	343.53	17.04	19.47	5.51	-13.96	
2006-07	395.51	348.05	17.26	19.73	6.00	-13.73	
2007-08	400.72	352.63	17.49	19.99	6.76	-13.23	
2008-09	406.00	357.28	17.72	20.25	7.03	-13.22	
2009-10	411.34	361.98	17.96	20.53	6.19	-14.34	
2010-11	416.76	366.75	18.19	20.79	6.38	-14.41	
2011-12	422.24	371.57	18.43	21.06	6.64	-14.42	
2012-13	427.80	376.49	18.68	21.35	6.90	-14.45	
2013-14	433.49	381.47	18.92	21.62	6.99	-14.63	
2014-15	439.14	386.44	19.17	21.91	6.80	-15.11	
2015-16	444.92	391.53	19.42	22.19	5.64	-16.55	
2016-17	450.78	396.69	19.68	22.49	5.60	-16.89	
2017-18	456.71	401.88	19.92	22.77	5.35	-17.42	
2018-19	462.99	407.45	20.22	23.12	5.23	-17.89	

*Using population census of 1991, 2001 & 2011

**MINIMUM SUPPORT PRICE (MSP) OF VARIOUS AGRICULTURE
COMMODITIES FROM 2015-16 TO 2019-20**

SL. NO.	COMMODITY	VARIETY	RS./ QTL. FOR FAQ				
			2015-16	2016-17	2017-18	2018-19	2019-20
KHARIF CROPS							
1	PADDY	Common	1410	1470	1550	1750	1815
		Grade 'A'	1450	1510	1590	1770	1835
2	JOWAR	Hybrid	1570	1625	1700	2430	2550
		Maldandi	1590	1650	1725	2450	2570
3	BAJRA		1275	1330	1425	1950	2000
4	MAIZE		1325	1365	1425	1700	1760
5	RAGI		1650	1725	1900	2897	3150
6	ARHAR(Tur)		4625	5050	5450	5675	5800
7	MOONG		4850	5225	5575	6975	7050
8	URAD		4625	5000	5400	5600	5700
9	COTTON	Medium Staple	3800	3860	4020	5150	5255
		Long Staple	4100	4160	4320	5450	5550
10	GROUNDNUT IN SHELL		4030	4220	4450	4890	5090
11	SUNFLOWER SEED		3800	3950	4100	5388	5650
12	SOYABEEN	BLACK		2775	3050		
		YELLOW	2600	2775		3399	3710
13	SESAMUM		4700	5000	5300	6249	6485
14	NIGERSEED		3650	3825	4050	5877	5940
RABI CROPS							
15	WHEAT		1525	1625	1735	1840	1925
16	BARLEY		1225	1325	1410	1440	1525
17	GRAM		3500	4000	4400	4620	4875
18	MASUR (LENTIL)		3400	3950	4250	4475	4800
19	RAPESSEED/MUSTARD		3350	3700	4000	4200	4425
20	SAFFLOWER		3300	3700	4100	4945	5215
OTHER CROPS							
21	JUTE	TD5	2700	3200	3500	3700	3950
22	SUGARCANE		230	230	255	275	275
23	COPRA (Milling)		5550	5950	6500	7511	9521
24	COPRA (Ball)		5830	6240	6785	7750	9920

UNIFORM SPECIFICATION- FAIR AVERAGE QUALITY (FAQ)

1. PADDY

Paddy shall be in sound merchantable condition, dry, clean, wholesome of good food value, uniform in colour and size of grains and free from moulds, weevils, obnoxious smell, *Argemone mexicana*, *Lathyrus sativus* (Khesari) and admixture of deleterious substances.

Paddy will be classified into Grade 'A' and 'Common' groups.

SCHEDULE OF SPECIFICATION

Sl. No.	Refractions	Maximum Limit (%)
1	Foreign Matter a) Inorganic b) Organic	1.0 1.0
2	Damaged, discoloured, sprouted and weevilled grains	5.0*
3	Immature, Shrunken and shriveled grains	3.0
4	Admixture of lower class	6.0
5	Moisture content	17.0

*Damaged, sprouted and weevilled grains should not exceed 4%.

2. MAIZE

The maize shall be the dried and matured grain of *Zea mays*. It shall have uniform shape and colour. It shall be in sound merchantable condition and also conforming to prescribed norms under Food Safety & Standards Act, 2006/Rules prescribed hereunder.

Maize shall be sweet, hard, clean, wholesome and free from *Argemone mexicana*, *Lathyrus sativus* (Khesari) in any form, colouring matter, moulds, weevils, obnoxious smell, admixture of deleterious substances and all other impurities except to the extent indicated in the schedule below:

SCHEDULE OF SPECIFICATION

Sl. No.	Refractions	Maximum Limit (%)
1	Foreign Matter *	1.0
2	Other foodgrains	2.0
3	Damaged grains	1.5
4	Slightly damaged, discoloured and touched grains	4.5
5	Shrivelled& Immature grains	3.0
6	Weevilled grains	1.0
7	Moisture content	14.0

*Not more than 0.25% by weight shall be mineral matter and not more than 0.10% by weight shall be impurities of animal origin.

3. RAGI

The Ragi shall be dried and matured grains of *Eleusine coracana*. It shall have uniform size and shape. It shall be in sound merchantable condition and also conforming to prescribed norms under Food Safety & Standards Act, 2006/Rules prescribed hereunder.

Ragi shall be sweet, hard, clean, wholesome and free from moulds, weevils, obnoxious smell, *Argemone mexicana* and, *Lathyrus sativus* (Khesari) in any form, colouring matter admixture of deleterious substances and all other impurities except to the extent indicated in the schedule below:

SCHEDULE OF SPECIFICATION

Sl. No.	Refractions	Maximum Limit (%)
1	Foreign Matter*	1.0
2	Other foodgrains	1.0
3	Damaged grains	1.0
4	Slightly damaged grains	2.0
5	Moisture content	12.0

*Not more than 0.25% by weight shall be mineral matter and not more than 0.10% by weight shall be impurities of animal origin.

4. GREEN GRAM & BLACK GRAM

SCHEDULE OF SPECIFICATION

Sl. No.	Refractions	Maximum Limit (%)
1	Foreign Matter	2.0
2	Admixture	3.0
3	Damaged grains	3.0
4	Slightly damaged grains	4.0
5	Immature Shrivelled Grains	3.0
6	Weevilled Grains	4.0
7	Moisture content	12.0

5. SUNFLOWER SEED

SCHEDULE OF SPECIFICATION

Sl. No.	Refractions	Maximum Limit (%)
1	Foreign Matter	2.0
2	Broken Seeds	3.0
3	Damaged&Weevilled grains	4.0
4	Immature Shrivelled Grains	5.0
5	Moisture content	9.0

6. GROUNDNUT

SCHEDULE OF SPECIFICATION

Sl. No.	Refractions	Maximum Limit (%)
1	Foreign Matter	2.0
2	Damaged	2.0
3	Immature Shrivelled Pod	4.0
4	Other Variety Pod	4.0
5	Collected Seed Quantity	65-70
6	Moisture content	8.0

Source:- Food Corporation of India

CONVERSION FACTORS BETWEEN IMPORTANT PRIMARY AND SECONDARY AGRICULTURAL COMMODITIES

COMMODITIES CONVERSION FACTOR

RICE

Rice (Cleaned) Production : 2/3 of Paddy Production

COTTON

Cotton Lint Production : 1/3 of Kapas Production

Cotton Seed Production : 2/3 of Kapas Production

: 2 Times of Cotton Lint Production.

JUTE

100 yards of Hessian : 54lbs. of Raw Jute

4148 yards of Hessian : 1 Ton of Raw Jute

: 5.55 Bales of Raw Jute (of 180 kgs..each)

1 Ton of Sacking : 1.11 Tons of Raw Jute

: 6.17 Bales of Raw Jute (of 180 Kgs.Each.)

1 Ton of Hessian Sacking etc. : 1.05 Tons of Raw Jute

: 5.85 Bales of Raw Jute (of 180 Kgs.each.)

GROUNDNUT

Kernel to Nuts in Shell : 70%

Oil to Nuts in Shell : 28%

Oil to Kernels Crushed : 40%

Cake to Kernels Crushed. : 60%

SESAMUM

Oil to Seeds Crushed : 40%

Cake to Seeds Crushed : 60%

RAPSEED AND MUSTARD

Oil to Seeds Crushed : 33%

Cake to Seed Crushed : 67%

LINSEED

Oil to Seeds Crushed : 33%

Cake to Seeds Crushed : 67%

CASTOR SEED

Oil to Seeds Crushed : 37%

Cake to Seeds Crushed : 63%

COTTON SEED

Oil to Seeds Crushed : 14 to 18%

Cake to Seeds Crushed : 82 to 86%

COCONUT

Copra to Nuts : One Ton of Copra =6773 Nuts.

Oil to Copra Crushed : 62%

Cake to Copra Crushed : 38%

CONVERSION FACTORS BETWEEN IMPORTANT PRIMARY AND SECONDARY AGRICULTURAL COMMODITIES

COMMODITIES CONVERSION FACTOR

NIGER SEED

Oil to Seeds Crushed : 28%

Cake to Seeds Crushed : 72%

KARDI SEED

Oil to Seeds Crushed : 40%

Cake to Seeds Crushed : 60%

MAHUA SEED

Oil to Seeds Crushed : 36%

Cake to Seeds Crushed : 64%

NEEM SEED

Oil to Seeds Crushed : 45 to 50 %

Cake to Seeds Crushed : 50 to 55 %

SOYABEAN SEED

Oil to Soyabean Seed Crushed : 18%

Meal to Soyabean Seed Crushed : 73%

Hull from Soyabean Seed Crushed : 8%

Wastage from Soyabean Seed Crushed : 1%

SUGAR

Gur from Cane Crushed : 11.20 % to 11.50%

Crystal Sugar from Gur Refined (Gur Refineries) : 62.50%

Crystal Sugar from Cane Crushed (Cane Factories) : 10.20%

KHANDASARI SUGAR

(Sulpher and Non-sulpher) from standard Gur Refined : 46%

Molasses from Cane Crushed : 4 % to 4.5%

Cane – Trash * from cane Harvested : 8 % to 12 %

LAC

Seed Lac : 66% of Stick Lac.

Shell Lac : 57.4 % of Stick or 87% of Seed Lac.

CASHEWNUT

Cashew Kernel : 25% of cashewnuts

* This consists of leaves and portion of the top of stalk which are removed from the canestalk, while harvesting and before sending the cane for milling.

