

A BRIEF HANDBOOK



सत्यमेव जयते

**Directorate of Pulses Development
Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture Cooperation & Farmers Welfare
Bhopal -462004, Madhya Pradesh**

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Chapter-1

Allocation CSS Programme

1.0 Scheme-wise Allocation - MP, CG & All India (2018-19)

Schemes/ Crops	States	District Coverage	Allocation (GoI+SS) (Rs. in Cr.)
I. NFSM			
Pulses	MP (51)	All the districts	278.62 (167.17 + 111.45)
	CG (27)	All the districts	66.37 (39.82 + 26.55)
	AI	States- 29 (638 Districts)	1472.59 (914.87 + 557.72)
Rice	MP (08)	Anuppur, Damoh, Dindori, Katni, Mandla, Panna, Rewa, Sidhi	15.20 (9.12 + 6.08)
	CG (13)	Baloda Bazar, Bijapur, Bilaspur, Dantewada, Jashpur, Sukma, Kabirdham, Korba, Koriya, Mungeli, Raigarh, Raipur, Rajnandgaon,	55.02 (33.01 + 22.01)
	AI	States- 25 (194 Districts)	412.94 (280.55 + 132.39)
Wheat	MP (16)	Ashoknagar, Chhattarpur, Guna, Katni, Khandwa, Panna, Raisen, Raigarh, Rewa, Sagar, Satna, Seoni, Shivpuri, Sidhi, Tikamgarh, Vidisha	32.83 (19.70 + 13.13)
	AI	States- 11 (126 Districts)	187.70 (117.96 + 69.74)
Coarse Cereals	MP (22)	Maize (15) - Alirajpur, Barwani, Betul, Burhanpur, Chhindwara, Dhar, Dindori, Jhabua, Khargaon, Mandsaur, Neemach, Rajgarh, Ratlam, Seoni and Singrauli	10.19 (6.11 + 4.08)
		Barley (08) - Bhind, Chhattarpur, Panna, Rewa, Satna, Sidhi, Singrauli and Tikamgarh	
	CG (08)	Maize (08) - Balrampur, Bastar, Gariyaband, Kanker, Kondagaon, Koriya, Sarguja and Surajpur	4.11 (2.47 + 1.64)
	AI	States- 27 (269 Districts) Including Maize- 27 States (237 Districts) & Barley- 04 States (39 Districts)	127.03 (86.68 + 40.92)
Nutri Cereals	MP (24)	Jowar (09) - Alirajpur, Barwani, Betul, Burhanpur, Chhindawara, Dhar, Khargaon, Rewa and Sidhi	11.25 (6.75 + 4.50)
		Bajra (04) - Bhind, Morena, Sheopurkalan, Shivpuri	
		Other millets (15) - Anuppur, Balaghat, Betul, Chhindwara, Damoh, Dindori, Jabalpur, Katni, Mandla, Rewa, Shadol, Seoni, Sidhi, Singrauli, Umaria	
	CG (10)	Other millets -Balrampur, Bastar, Dantewada, Kabirdham, Kanker, Kondagaon, Koriya, Rajnandgaon, Sarguja and Sukma	1.62 (0.97 + 0.65)
	AI	States- 28 (265 Districts)	150.24 (92.64 + 57.60)
Cotton	MP (10)	Chindwara, Dhar, Jhabua, Alirajpur, Khargaon, Barwani, Khandwa, Burhanpur, Ratlam & Dewas	0.51 (0.30 + 0.21)
Sugarcane	MP (13)	Chhindwara, Mandla, Narshingpur, Dhar, Barwani, Burhanpur, Gawalior, Shivpuri, Datia, Hosangabad, Beetul, Jabalpur and Guna	1.23 (0.73 + 0.49)
Oilseed	MP	MM- I-All the 51 districts of the state.	50.83 (30.50 + 20.33)
		MM-III- Jabalpur, Khargaon, Mandla, Dindori & Jhabau	
	CG	MM- I- All the 27 districts of the state.	10.87 (6.59 + 4.27)
		MM-II- Balod, Janjgir, Korba, Mahasamund, Dantewada, Jagdalpur, Kanker, Raigarh, Bilaspur, Sukma, Durg.	14.41 (8.65 + 5.76)
		MM-III- Jagdalpur, Sarguja, Koriya.	1.78 (1.07 + 0.71)
	AI	Oilseed-26 States, Oilpalm-13 States and TBOs-12 States	
I (a) Sub-scheme "Promotion of inter-cropping of pulses with sugarcane during 2018-19"			
Inter-cropping with sugarcane	MP	Chhindwara, Narshingpur, Betul, Burhanpur & Barwani	0.23 (0.14 + 0.09)
	AI	States-13 (119 districts)	11.52 (6.98 + 4.54)

Note- GoI- Gov. of India Share and SS- State Share. No. of districts covered in parenthesis.

Schemes/ Crops	States	District Coverage/Centers	Allocation (GoI+SS) (Rs. in Cr.)
I (b) Seed Hub			
Pulses	MP (16)	RARS- Sagar, IIPR- Phanda, AICRP- Jabalpur, Indore, Sehore, ZARS-Khargaon, KVK-Harda, Narshingpur, Damoh, Betul, Tikamgarh, Dewas, Ujjain, Datia, Morena,	24.00
	CG (07)	AICRP- Bhatapara, KVK- Bhatapara, Ambikapur, Rajnandgaon, Kawardha, Kanker, Janjgir-Champa	10.50
	AI	States- 24, Centers-150	225.30
Oilseed	MP (05)	KVK-Kandwa, Morena, RARS- Sagar, IISR Indore, JNKVV, Jabalpur	7.20
	CG (01)	KVK-Bemetra	1.50
	AI	States- 14, Centers-35	50.91
Millets	MP (02)	College Rewa-JNKVV, AICRP-Dindori	3.00
	CG (01)	AICRP Millets –Jagdalpur (ZARS)	1.50
	AI	States-06 , Centers-25	37.23
I (c) Ebsp			
Pulses	MP (03)	JNKVV, Jabalpur, RVS, Gwalior & IIPR RS, Phanda	4.47
	CG	-	-
	AI	States-08, Centres-12	20.29
Millets	MP (01)	CoA, Rewa	0.70
	CG (01)	IGKV-Raipur	0.70
	AI	States-13, Centers-18	12.60
II. TRFA			
CG		Gariyaband, Raigarh, Rajnandgaon, Kanker, Kondagaon, Sarguja, Bilaspur, Baloda Bazar, Jagdalpur (09)	41.03 (24.62 + 16.41)
AI		States- 06	220.80 (129.60 +91.20)
III. BGREI			
CG		Rice and wheat (14)- Gariyaband, Mahasamund, Dhamtari, Durg, Balod, Bemetara, Janjgir, Sarguja, Surajpur, Balrampur, Kanker, Narayanpur, Jagdalpur, Kondagaon.	82.90 (49.74 + 33.16)
AI		Rice- 07 States (102 Districts) Wheat- 06 States (52 Districts)	495.30
IV. RKVY			
MP		All the districts of the state.	294.95 (176.97+ 117.98)
CG		All the districts of the state.	85.74 (51.45 + 34.30)
AI		All the States and UT	3099.06
V. MIDH			
MP (40)		Bhopal, Vidisha, Sehore, Raisen, Rajgarh, Gwalior, Guna, Ashoknagar, Datia, Hosangabad, Harda, Beetul, Indore, Jabua, Alirajpur, Kargaon, Barwani, Khandwa, Burhanpur, Dhar, Ujjain, Sahajapur, Neemach, Dewas, Ratlam, Madasaur, Agarmalwa, Jabalpur, Chhindwara, Dindori, Mandla, Rewa, Sidhi, Satna, Singrauli, Sagar, Chhatarpur, Damoh, Tikamgarh, Panna	38.50
CG (19)		Balod, Balodabazar, Balrampur, Bemetara, Bilaspur, Durg, Gariaband, Jagdalpur, Jashpur, Kabirdham, Kondagoan, Korba, Korea, Mungeli, Raigarh, Raipur, Rajnandgaon, Surguja, Surajpur	123.00
AI		All the States and UT	1996.80

Note- GoI- Gov. of India Share and SS- State Share. No. of districts covered in parenthesis.

1.1 State-wise Allocation/Release: NFSM Pulses and Additional Pulses 2018-19 (As on 21st Jan., /2019)

(Rs. In Lakh)

A	States	Pulses			Total GOI Release	Additional Pulses			
		Total	Share (60:40)			Total	Share (60:40)		Total GoI Release
			Central	States			Central	States	
1	A P	6341.67	3805.00	2536.67	2631.78	3300.00	1980.00	1320.00	1980.00
2	Bihar	4823.75	2894.25	1929.50	0.00	1650.00	990.00	660.00	990.00
3	CG	6636.67	3982.00	2654.67	2501.99	2750.00	1650.00	1100.00	1650.00
4	Goa	21.48	12.89	8.59	0.00	-	-	-	-
5	Gujarat	2086.66	1251.99	834.66	237.83	286.92	172.15	114.77	172.15
6	Haryana	730.00	438.00	292.00	120.39	-	-	-	-
7	Jharkhand	3793.20	2275.92	1517.28	989.98	1375.00	825.00	550.00	825.00
8	Karnataka	13584.00	8150.40	5433.60	3835.51	4100.00	2460.00	1640.00	2460.00
9	Kerala	24.74	14.85	9.90	0.00	-	-	-	-
10	M P	27862.34	16717.40	11144.94	0.00	16500.00	9900.00	6600.00	9900.00
11	MH	18743.94	11246.36	7497.58	4087.73	1200.00	720.00	480.00	720.00
12	Odisha	4440.83	2664.50	1776.33	2517.29	1375.00	825.00	550.00	825.00
13	Punjab	326.14	195.69	130.46	0.00	-	-	-	-
14	Rajasthan	20102.33	12061.40	8040.93	6030.70	6050.00	3630.00	2420.00	3630.00
15	T N	6152.33	3691.40	2460.93	2505.62	2200.00	1320.00	880.00	1320.00
16	Telangana	2873.33	1724.00	1149.33	204.70	651.76	391.05	260.70	391.05
17	U P	12273.08	7363.85	4909.23	3681.92	5500.00	3300.00	2200.00	3300.00
18	W B	7523.19	4513.91	3009.27	2367.28	900.00	540.00	360.00	540.00
	Total	138339.68	83003.81	55335.87	31712.72	47838.68	28703.21	19135.47	28703.21

(Rs. In Lakh)

B	Hill States	Total	Share (90:10)		Total GOI Release	Total	Share (90:10)		Total GOI Release
			Central	States			Central	States	
1	H P	322.89	290.60	32.29	217.95	-	-	-	-
2	J & K	287.94	259.15	28.79	75.34	-	-	-	-
3	UK	699.06	629.15	69.91	426.86	-	-	-	-
	Total	1309.89	1178.90	130.99	720.15	-	-	-	-

(Rs. In Lakh)

C	NE States	Total	Share (90:10)		Total GOI Release	Total	Share (90:10)		Total GOI Release
			Central	States			Central	States	
1	Aruna.Pradesh	226.22	203.60	22.62	152.70	-	-	-	-
2	Assam	6187.04	5568.33	618.70	3640.21	1000.00	900.00	100.00	900.00
3	Manipur	865.61	779.05	86.56	421.36	-	-	-	-
4	Meghalaya	95.30	85.77	9.53	76.56	-	-	-	-
5	Mizoram	136.01	122.41	13.60	91.81	-	-	-	-
6	Nagaland	854.09	768.68	85.41	576.51	-	-	-	-
7	Sikkim	316.00	284.40	31.60	117.99	-	-	-	-
8	Tripura	449.03	404.13	44.90	219.96	-	-	-	-
	Total	9129.30	8216.37	912.93	5297.10	1000.00	900.00	100.00	900.00
G T (A+B+C)		148778.86	92399.07	56379.79	37729.97	48838.68	29603.21	19235.47	29603.21

Source: NFSM Cell, GoI, Ministry of Agriculture & Farmers Welfare, (DAC&FW), New Delhi

1.2 NFSM-Inter-Cropping of Pulses with Sugarcane 2018-19

(Rs. in Lakh)

S. No.	State	No. of Districts	Approved Allocation			Release*
			CS	SS	Total	
1.	AP	07	13.77	9.18	22.95	13.77
2.	Bihar	08	32.10	21.40	53.50	32.10
3.	Gujarat	08	9.94	6.63	16.57	9.94
4.	Haryana	07	18.25	12.17	30.42	18.25
5.	Karnataka	12	54.06	36.04	90.10	54.06
6.	Madhya Pradesh	05	13.77	9.18	22.95	13.77
7.	Odisha	05	2.04	1.36	3.40	2.04
8.	Punjab	06	14.70	9.80	24.49	14.70
9.	Tamil Nadu	07	16.12	10.75	26.87	16.12
10.	Telangana	05	5.57	3.71	9.29	5.57
11.	Uttar Pradesh	30	324.27	216.18	540.46	324.27
12.	Uttarakhand	04	19.65	2.18	21.83	19.65
	Total	104	524.24	338.58	862.82	524.24

*The funds have been exhausted under budget Head 3601-TSP.Hence, no release is being made in TSP head at this stage (ST category Rs. 10.93 Lakh)

1.3 Madhya Pradesh: (District: Chhindwara/Narsinghpur/Betul/Burhanpur/Badwani)

(Rs. in Lakh)

S. No.	Name of component	Rate of assistance (Rs./ ha)	Target approved by GOI	
			Phy	Fin
1.	Demonstration	9000	195	17.55
2.	Distribution of seeds	5000	76	3.80
3.	Distribution of PP Chemical/ bio-agents	500	0	0
4.	Distribution of bio-fertilizer	300	0	0
5.	State level training	40000/ training	4	1.60
	Total			22.95
	Central Share			13.77
	State Share			9.180

1.4 Scheme-wise Allocation – Madhya Pradesh (2018-19)

(Up to Jan., 2018)

(Unit: Rs. in Lakh)

Schemes	Allocation			Available Fund (CS)			Expenditure			%
	Central	State	Total	Release	Revali.	Total	Central	State	Total	Utili. (CS) Ava.
NFSM										
Pulses	16717.40	11144.94	27862.34		16717.40	16717.40	7575.87	5050.58	12626.46	45
Addl. Pulses	9900.00	6600.00	16500.00	9900.00	0.00	9900.00	3001.85	2001.23	5003.08	30
Inter-cropping with Sugarcane	13.77	9.18	22.95			10.97				00
Total Pulses	26631.17	17754.12	44385.29	9900	16717.4	26628.37	10577.72	7051.81	17629.54	40
Paddy	912.04	608.02	1520.06		541.27	541.27	174.49	116.32	290.81	32
Wheat	1969.76	1313.17	3282.93		1385.41	1385.41	590.38	393.59	983.97	43
Coarse Cereals	611.5	407.66	1019.16		381.51	381.51	315.84	210.56	526.40	83
Nutri-Cereals	675.18	450.12	1125.3	506.38	0	506.38	91.914	61.276	153.19	18
Cotton	30.75	20.5	51.25		73.5	73.5	0.276	0.184	0.46	0
Sugarcane	73.5	49	122.5	19.59	1.04	20.63	6.12	4.08	10.20	30
Oil Seeds	3050.01	2033.34	5083.35	0	1426.54	1426.54	557.27	371.51	928.78	39
NFSM Total	33953.91	22635.93	56589.84	10436.94	20526.67	30963.61	12314.01	8209.33	20523.35	40
RKVY	17697.04	11798.02	29495.06	8652.62	8256.70	16909.32	8401.90	5601.27	14003.17	50
SHC	2383.83	1589.22	3973.05	560.44	2097.56	2658.00	1577.86	1051.90	2629.76	59
PKVY	1851.16	1234.11	3085.27	2471.97	1813.94	4285.91	0.00	0.00	0.00	0
SMAE-ATMA	3490.02	2326.68	5816.70	1984.93	0.00	1984.93	2826.24	1884.16	4710.40	142
SMSP	6623.90	4415.94	11039.84	1499.88	1233.84	2733.72	1553.96	1035.97	2589.93	57
NMSA-RAD	807.76	538.50	1346.26	0.00	300.74	300.74	53.69	35.80	89.49	18
Grand Total	66807.62	44538.40	111346.02	25595.81	34229.45	59836.23	25261.47	16840.98	42102.45	42

1.5 Scheme-wise Allocation – Chhattisgarh (2018-19)

(Up to Jan., 2018)

(Unit: Rs. in Lakh)

Schemes	Allocation			Available Fund (CS)			Expenditure			%
	Central	State	Total	Release	Revali.	Total	Central	State	Total	Utili (CS) Ava.
NFSM										
Pulses	3982.00	2654.67	6636.67	1366.73	1064.54	2431.27	1643.24	1095.50	2738.74	68
Additional Pulses	1650.00	1100.00	2750.00	1650.00	0.00	1650.00	334.12	222.75	556.87	20
Paddy	3301.50	2201.00	5502.50	2125.13	673.48	2798.61	1945.83	1297.22	3243.05	70
Coarse Cereals	246.53	164.36	410.89	107.45	84.34	191.79	182.23	121.49	303.72	95
Nutri-Cereals	96.93	64.42	161.35	72.70	0.00	72.70	23.54	15.70	39.24	32
NFSM(OS&OP, TBOs)	1612.53	1075.02	2687.55	441.54	2.59	444.13	179.78	119.85	299.63	40
Total NFSM	10889.49	7259.47	18148.96	5763.55	1824.95	7588.50	4308.75	2872.50	7181.25	57
RKVY	5144.75	3429.83	8574.58	1777.37	852.21	2629.58	2344.43	1562.96	3907.39	89
BGREI	4912.82	3275.22	8188.04	2456.00	2794.25	5250.25	3665.08	2443.38	6108.46	70
TRFA	2716.20	1810.80	4527.00	592.04	292.96	885.00	584.90	389.94	974.84	66
NMSA (RAD)	650.42	433.62	1084.04	325.00	360.00	685.00	347.62	231.75	579.37	51
PKVY	2385.80	1590.54	3976.34	0.00	340.33	340.33	174.50	116.33	290.83	51
SHM	903.83	602.56	1506.39	494.63	109.22	603.85	468.61	312.40	781.01	78
SMSP	340.06	226.70	566.76	1272.15	25.06	1297.21	888.75	592.50	1481.25	69
SAME-ATMA	2880.00	1920.00	4800.00	944.71	0.00	944.71	944.71	629.80	1574.51	100
PMKSY	3660.00	2440.00	6100.00	762.80	625.00	1387.80	567.11	378.08	945.19	41
Total Above	34483.37	22988.74	57472.11	14388.25	7223.98	21612.23	14294.46	9529.64	23824.10	66

All CSS Available Funds: Chhattisgarh

Central Share: Rs. 21612.23 Lakh

State Share : Rs.14408.15 Lakh

Total Rs.36020.38 Lakh

Chapter-2

Advance Estimate of Production (2018-19)

2.1 First Advance Estimates of Production of Foodgrains

(Million Tonnes)

Crop	Season	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18		2018-19	
							1 st Adv.Est.	4 th Adv.Est.	Revised Targets	1 st Adv.Est.
Rice	Kharif	92.37	91.50	91.39	91.41	96.30	94.48	97.50	99.00	99.24
	Rabi	12.87	15.15	14.09	13.00	13.40		15.41	15.00	
	Total	105.24	106.65	105.48	104.41	109.70	94.48	112.91	114.00	99.24
Wheat	Rabi	93.51	95.85	86.53	92.29	98.51		99.70	102.20	
Jowar	Kharif	2.84	2.39	2.30	1.82	1.96	2.15	2.10	2.10	1.88
	Rabi	2.44	3.15	3.15	2.42	2.60		2.85	2.80	
	Total	5.28	5.54	5.45	4.24	4.57	2.15	4.95	4.90	1.88
Bajra	Kharif	8.74	9.25	9.18	8.07	9.73	8.66	9.13	9.50	7.77
Ragi	Kharif	1.57	1.98	2.06	1.82	1.39	1.61	1.98	2.30	1.68
Small Millets	Kharif	0.44	0.43	0.39	0.39	0.44	0.33	0.44	0.60	0.33
Nutri. Cereals	Kharif	13.59	14.06	13.93	12.10	13.52	12.76	13.64	14.50	11.66
	Rabi	2.44	3.15	3.15	2.42	2.60	0.00	2.85	2.80	
	Total	16.03	17.20	17.08	14.52	16.12	12.76	16.50	17.30	11.66
Maize	Kharif	16.19	17.14	17.01	16.05	18.92	18.73	20.24	21.20	21.47
	Rabi	6.06	7.11	7.16	6.51	6.98		8.47	7.50	
	Total	22.26	24.26	24.17	22.57	25.90	18.73	28.72	28.70	21.47
Barley	Rabi	1.75	1.83	1.61	1.44	1.75		1.77	2.10	
Nutri/Coarse Cereals	Kharif	29.79	31.20	30.94	28.15	32.44	31.49	33.89	35.70	33.13
	Rabi	10.25	12.09	11.92	10.37	11.33		13.10	12.40	
	Total	40.04	43.29	42.86	38.52	43.77	31.49	46.99	48.10	33.13
Cereals	Kharif	122.16	122.70	122.34	119.56	128.74	125.96	131.38	134.70	132.37
	Rabi	116.63	123.09	112.53	115.66	123.24		128.21	129.60	
	Total	238.79	245.79	234.87	235.22	251.98	125.96	259.59	264.30	132.37
Tur	Kharif	3.02	3.17	2.81	2.56	4.87	3.99	4.25	4.50	4.08
Gram	Rabi	8.83	9.53	7.33	7.06	9.38		11.23	11.50	
Urad	Kharif	1.48	1.15	1.28	1.25	2.18	2.53	2.84	2.80	2.65
	Rabi	0.47	0.55	0.68	0.70	0.66		0.73	0.80	
	Total	1.95	1.70	1.96	1.95	2.83	2.53	3.56	3.60	2.65
Moong	Kharif	0.79	0.96	0.87	1.00	1.64	1.32	1.44	1.55	1.58
	Rabi	0.40	0.65	0.64	0.59	0.52		0.57	0.70	
	Total	1.19	1.61	1.50	1.59	2.17	1.32	2.01	2.25	1.58
Lentil	Rabi	1.13	1.02	1.04	0.98	1.22		1.61	*	
Other Kharif Pulses	Kharif	0.62	0.71	0.77	0.72	0.89	0.86	0.82	1.00	0.91
Other Rabi Pulses	Rabi	1.60	1.51	1.74	1.50	1.77		1.76	3.10	
Total Pulses	Kharif	5.91	5.99	5.73	5.53	9.58	8.71	9.34	9.85	9.22
	Rabi	12.43	13.25	11.42	10.82	13.55		15.89	16.10	
	Total	18.34	19.25	17.15	16.35	23.13	8.71	25.23	25.95	9.22
Total Foodgrains	Kharif	128.07	128.69	128.06	125.09	138.33	134.67	140.73	144.55	141.59
	Rabi	129.06	136.35	123.96	126.47	136.78		144.10	145.70	
	Total	257.13	265.04	252.02	251.57	275.11	134.67	284.83	290.25	141.59

Source: Agri. Statistics Division, DES, Min.of Agri. & FW (DAC&FW), New Delhi * Included in Other Rabi Pulses.

2.2 Estimates of Production: Oilseeds & Commercial Crops

(As on: 26.09.2018)

(Lakh Tonnes)

Crop	Season	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18		2018-19	
							1 st Adv.Est.	4 th Adv.Est.	Revised Targets	1 st Adv.Est.
Oilseeds Crops										
Groundnut	Kharif	31.87	80.58	59.30	53.68	60.48	62.13	75.40	75.40	63.28
	Rabi	15.08	16.56	14.71	13.66	14.14		16.39	15.28	
	Total	46.95	97.14	74.02	67.33	74.62	62.13	91.79	90.68	63.28
Castorseed	Kharif	19.64	17.27	18.70	17.52	13.76	13.96	15.68	18.31	15.17
Sesamum	Kharif	6.85	7.15	8.28	8.50	7.47	6.64	7.51	10.07	7.10
Nigerseed	Kharif	1.02	0.98	0.76	0.74	0.85	1.02	0.74	2.01	0.82
Soyabean	Kharif	146.66	118.61	103.74	85.70	131.59	122.17	109.81	148.20	134.59
Sunflower	Kharif	1.87	1.54	1.11	0.66	0.98	0.88	0.83	1.01	0.94
	Rabi	3.57	3.50	3.23	2.30	1.53		1.28	2.01	
	Total	5.44	5.04	4.34	2.96	2.51	0.88	2.11	3.02	0.94
Rapeseed & Mustard	Rabi	80.29	78.77	62.82	67.97	79.17		83.22	84.86	
Linseed	Rabi	1.49	1.41	1.55	1.25	1.84		1.75	2.01	
Safflower	Rabi	1.09	1.13	0.90	0.53	0.94		0.47	0.83	
Total Nine Oilseeds	Kharif	207.91	226.12	191.89	166.80	215.13	206.79	209.96	255.00	221.89
	Rabi	101.52	101.37	83.21	85.71	97.62		103.12	104.99	
	Total	309.43	327.49	275.11	252.51	312.76	206.79	313.08	359.99	221.89
Commercial Crops										
Sugarcane	Total	3412.00	3521.42	3623.33	3484.48	3060.69	3376.95	3769.05	3850.00	3838.92
Cotton #	Total	342.20	359.02	348.05	300.05	325.77	322.73	348.88	355.00	324.83
Jute # #	Total	103.40	110.83	106.18	99.40	104.32	98.32	96.28	105.00	96.65
Mesta # #	Total	5.90	6.07	5.08	5.83	5.30	4.95	5.08	7.00	5.04
Jute & Mesta # #	Total	109.30	116.90	111.26	105.24	109.62	103.28	101.37	112.00	101.69

Source: Agri. Statistics Division, DES, Min. of Agri. & Farmers Welfare (DAC&FW), New Delhi

Lakh bales of 170 kgs. Each

Lakh bales of 180 kgs. each

2.3 State/Crop and Season-wise Revised Production Targets of Foodgrains (2018-19)

(Production target: Lakh tones)

State	Rice			Wheat	Total Coarse & Nutri Cereals			Pulses			Foodgrains		
	Kharif	Rabi	Total	Rabi	Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total
Andhra Pradesh	48.00	35.00	83.00	0.00	6.55	19.50	26.05	2.02	11.95	13.97	56.57	66.45	123.02
Arunachal Pradesh	2.50		2.50	0.08	0.87	0.16	1.03	0.10	0.10	0.20	3.47	0.34	3.81
Assam	40.00	11.50	51.50	0.30	0.93	0.00	0.93	0.47	0.76	1.23	41.40	12.56	53.96
Bihar	72.00	2.50	74.50	55.50	7.45	17.60	25.05	0.73	4.08	4.81	80.18	79.68	159.86
Chhattisgarh	66.00		66.00	1.50	3.35	0.04	3.39	1.04	4.72	5.76	70.39	6.26	76.65
Gujarat	19.00	1.50	20.50	32.00	17.60	2.90	20.50	5.25	3.28	8.53	41.85	39.68	81.53
Haryana	44.00		44.00	115.00	10.27	1.50	11.77	0.16	0.95	1.11	54.43	117.45	171.88
Himachal Pradesh	1.20		1.20	7.50	7.07	0.40	7.47	0.15	0.52	0.67	8.42	8.42	16.84
Jammu & Kashmir	6.10		6.10	6.00	5.53	0.05	5.58	0.03	0.02	0.05	11.66	6.07	17.73
Jharkhand	35.00		35.00	4.00	5.90	0.21	6.11	4.35	3.91	8.26	45.25	8.12	53.37
Karnataka	26.00	5.35	31.35	2.60	54.26	14.05	68.31	10.74	8.78	19.52	91.00	30.78	121.78
Kerala	4.20	1.50	5.70	0.00	0.00		0.00	0.01	0.03	0.04	4.21	1.53	5.74
Madhya Pradesh	40.00		40.00	165.00	46.05	5.00	51.05	22.78	55.63	78.41	108.83	225.63	334.46
Maharashtra	29.00	1.20	30.20	15.00	43.80	19.62	63.42	15.77	20.29	36.06	88.57	56.11	144.68
Manipur	1.50	2.50	4.00	0.00	0.40	0.20	0.60			0.00	1.90	2.70	4.60
Meghalaya	2.00	0.65	2.65	0.00	0.43	0.00	0.43			0.00	2.43	0.65	3.08
Mizoram	0.60		0.60		0.08	0.01	0.09			0.00	0.68	0.01	0.69
Nagaland	4.50	0.12	4.62	0.00	1.42	0.11	1.53			0.00	5.92	0.23	6.15
Odisha	66.00	8.95	74.95	0.00	2.98	0.07	3.05	2.68	2.04	4.72	71.66	11.06	82.72
Punjab	120.00		120.00	180.00	4.71	0.60	5.31	0.08	0.32	0.40	124.79	180.92	305.71
Rajasthan	3.80		3.80	100.00	59.35	10.30	69.65	17.59	17.18	34.77	80.74	127.48	208.22
Sikkim	0.18		0.18	0.00	0.74	0.00	0.74			0.00	0.92	0.00	0.92
Tamil Nadu	52.00	7.23	59.23	0.00	18.11	11.25	29.36	2.01	4.66	6.67	72.12	23.14	95.26
Telangana	28.00	20.00	48.00	0.00	18.68	8.25	26.93	3.75	1.79	5.54	50.43	30.04	80.47
Tripura	5.50	2.00	7.50	0.00	0.06	0.00	0.06			0.00	5.56	2.00	7.56
Uttarakhand	6.00		6.00	9.50	3.20	0.30	3.50	0.55	0.18	0.73	9.75	9.98	19.73
Uttar Pradesh	136.00		136.00	320.00	33.97	6.17	40.14	7.01	15.88	22.89	176.98	342.05	519.03
West Bengal	112.00	44.00	156.00	6.00	1.56	5.58	7.14	0.58	3.00	3.58	114.14	58.58	172.72
D&N Haveli			0.00	0.00			0.00			0.00	0.00	0.00	0.00
Daman & Diu			0.00	0.00	0.01	0.00	0.01			0.00	0.01	0.00	0.01
Delhi			0.00	0.80	0.09	0.00	0.09			0.00	0.09	0.80	0.89
Others	18.92	6.00	24.92	1.22	1.58	0.13	1.71	0.70	0.93	1.63	21.20	8.28	29.48
All India	990.00	150.00	1140.00	1022.00	357.00	124.00	481.00	98.55	161.00	259.55	1445.55	1457.00	2902.55

2.4 : State/Crop and Season-wise Revised Production Targets of Coarse (2018-19) & Nutri cereals (2018)

(Production target : Lakh tones)

State	Jowar			Bajra	Maize			Ragi	Small Millets	Barley	Total Coarse Cereals		
	Kharif	Rabi	Total	Kharif	Kharif	Rabi	Total	Kharif	Kharif	Kharif	Kharif	Rabi	Total
Andhra Pradesh	0.50	2.50	3.00	0.80	4.50	17.00	21.50	0.45	0.30		6.55	19.50	26.05
Arunachal Pradesh					0.60	0.16	0.76		0.27		0.87	0.16	1.03
Assam					0.89	0.00	0.89		0.04		0.93	0.00	0.93
Bihar	0.03		0.03	0.04	7.28	17.40	24.68	0.08	0.02	0.20	7.45	17.60	25.05
Chhattisgarh	0.05		0.05		3.00		3.00		0.30	0.04	3.35	0.04	3.39
Gujarat	1.00	0.40	1.40	11.00	5.00	2.50	7.50	0.20	0.40		17.60	2.90	20.50
Haryana	0.37		0.37	8.80	1.10		1.10			1.50	10.27	1.50	11.77
Himachal Pradesh			0.00		7.00		7.00	0.02	0.05	0.40	7.07	0.40	7.47
Jammu & Kashmir			0.00	0.09	5.37		5.37	0.04	0.03	0.05	5.53	0.05	5.58
Jharkhand			0.00		5.65	0.21	5.86	0.15	0.10		5.90	0.21	6.11
Karnataka	1.50	10.05	11.55	3.30	35.44	4.00	39.44	13.85	0.17		54.26	14.05	68.31
Madhya Pradesh	5.00		5.00	4.50	35.00	2.00	37.00		1.55	3.00	46.05	5.00	51.05
Maharashtra	4.00	13.10	17.10	6.50	31.00	6.50	37.50	2.00	0.30	0.02	43.80	19.62	63.42
Manipur			0.00		0.40	0.20	0.60				0.40	0.20	0.60
Meghalaya			0.00		0.40		0.40		0.03		0.43	0.00	0.43
Mizoram			0.00		0.08	0.01	0.09				0.08	0.01	0.09
Nagaland			0.00	0.01	1.30	0.10	1.40	0.01	0.10	0.01	1.42	0.11	1.53
Odisha			0.00	0.02	2.30	0.07	2.37	0.50	0.16		2.98	0.07	3.05
Punjab			0.00	0.01	4.70		4.70			0.60	4.71	0.60	5.31
Rajasthan	3.25		3.25	40.00	16.00	0.02	16.02		0.10	10.28	59.35	10.30	69.65
Sikkim			0.00		0.70		0.70		0.04		0.74	0.00	0.74
Tamil Nadu	2.50	1.70	4.20	1.61	10.50	9.55	20.05	3.10	0.40		18.11	11.25	29.36
Telangana	0.43	0.25	0.68	0.15	18.00	8.00	26.00		0.10		18.68	8.25	26.93
Tripura			0.00		0.06		0.06				0.06	0.00	0.06
Uttarakhand			0.00		0.50		0.50	1.85	0.85	0.30	3.20	0.30	3.50
Uttar Pradesh	2.10		2.10	18.00	13.77	1.65	15.42	0.00	0.10	4.52	33.97	6.17	40.14
West Bengal			0.00	0.01	1.35	5.55	6.90	0.15	0.05	0.03	1.56	5.58	7.14
Daman & Diu			0.00	0.01			0.00				0.01		0.01
Delhi	0.03		0.03	0.05	0.01		0.01				0.09		0.09
Others	0.24		0.24	0.10	0.10	0.08	0.18	0.60	0.54	0.05	1.58	0.13	1.71
All India	21.00	28.00	49.00	95.00	212.00	75.00	287.00	23.00	6.00	21.00	357.00	124.00	481.00

2.5 State/Crop and Season -wise Revised production Targets of Pulses for the year 2018-19

(Production target : Lakh tones)

State	Arhar	Moong			Urd			Gram	Other kharif pulses	Other Rabi Pulses	Total Pulses		
	Kharif	Kharif	Rabi	Total	Kharif	Rabi	Total	Rabi			Kharif	Rabi	Total
Andhra Pradesh	1.30	0.20	1.40	1.60	0.38	3.19	3.57	6.76	0.14	0.6	2.02	11.95	13.97
Arunachal Pradesh	0.06	0.01		0.01	0.01	0.01	0.02		0.02	0.09	0.1	0.1	0.2
Assam	0.05	0.00	0.10	0.10	0.42		0.42	0.02		0.64	0.47	0.76	1.23
Bihar	0.40	0.10	1.00	1.10	0.13		0.13	0.58	0.1	2.5	0.73	4.08	4.81
Chhattisgarh	0.53	0.06	0.06	0.12	0.29	0.01	0.30	2.5	0.16	2.15	1.04	4.72	5.76
Gujarat	3.45	0.75	0.21	0.96	0.84	0.02	0.86	2.8	0.21	0.25	5.25	3.28	8.53
Haryana	0.05	0.09	0.20	0.29	0.01		0.01	0.6	0.01	0.15	0.16	0.95	1.11
Himachal Pradesh		0.00	0.01	0.01	0.04		0.04	0.01	0.11	0.5	0.15	0.52	0.67
Jammu & Kashmir		0.00		0.00	0.02		0.02		0.01	0.02	0.03	0.02	0.05
Jharkhand	2.50	0.30	0.01	0.31	1.28		1.28	2.5	0.27	1.4	4.35	3.91	8.26
Karnataka	7.60	1.30	0.05	1.35	0.44	0.03	0.47	8	1.4	0.7	10.74	8.78	19.52
Kerala	0.01	0.00		0.00			0.00	0.01		0.02	0.01	0.03	0.04
Madhya Pradesh	9.27	1.50	0.85	2.35	12.00	0.38	12.38	46	0.01	8.4	22.78	55.63	78.41
Maharashtra	11.60	1.80	0.01	1.81	1.77		1.77	19.63	0.6	0.65	15.77	20.29	36.06
Odisha	1.30	0.40	0.75	1.15	0.30	0.03	0.33	0.36	0.68	0.9	2.68	2.04	4.72
Punjab	0.03	0.03	0.28	0.31	0.01		0.01	0.04	0.01	0	0.08	0.32	0.4
Rajasthan	0.13	7.95		7.95	5.00		5.00	16.38	4.51	0.8	17.59	17.18	34.77
Tamil Nadu	0.62	0.19	1.05	1.24	0.50	3.58	4.08	0.03	0.7		2.01	4.66	6.67
Telangana	2.65	0.54	0.05	0.59	0.26	0.09	0.35	1.5	0.3	0.15	3.75	1.79	5.54
Uttarakhand	0.04	0.00		0.00	0.11		0.11		0.4	0.18	0.55	0.18	0.73
Uttar Pradesh	3.20	0.30	0.50	0.80	3.46	0.45	3.91	6.83	0.05	8.1	7.01	15.88	22.89
West Bengal	0.08	0.01	0.45	0.46	0.48	0.15	0.63	0.4	0.01	2	0.58	3	3.58
Others	0.13	0.02	0.02	0.04	0.25	0.06	0.31	0.05	0.3	0.8	0.7	0.93	1.63
All India	45.00	15.55	7.00	22.55	28.00	8.00	36.00	115.00	10.00	31.00	98.55	161.00	259.55

2.6 State/Crop and Season-wise Production Targets of Oilseed Crops (2018-19)

(Production target : Lakh tones)

State	Groundnut			Soybean	Rapseed Mustard	Sunflower			Castor	Sesa-mum	Saf-flower	Linseed	Niger	Total Oilseeds		
	Kharif	Rabi	Total	Kharif	Rabi	Kharif	Rabi	Total	Kharif	Kharif	Rabi	Rabi	Kharif	Kharif	Rabi	Total
Andhra Pradesh	6.66	2.15	8.81	0.04	0.06	0.06	0.15	0.21	0.16	0.27			0.04	7.23	2.36	9.59
Arunachal Pradesh	0.01			0.04	0.40	0.00		0.00		0.01				0.05	0.40	0.45
Assam					3.00			0.00	0.01	0.11		0.05	0.06	0.18	3.05	3.23
Bihar	0.01		0.01		1.05	0.03	0.13	0.16		0.05		0.19		0.09	1.38	1.47
Chhattisgarh	0.48		0.48	1.25	0.51	0.00		0.00		0.10		0.14	0.16	1.98	0.65	2.63
Gujarat	37.92	1.77	39.69	1.25	3.60			0.00	14.53	1.25			0.05	55.00	5.37	60.37
Haryana	0.06		0.06		9.60		0.20	0.20	0.01	0.02				0.09	9.80	9.89
Jammu & Kashmir			0.00		0.50			0.00		0.05		0.01		0.05	0.51	0.56
Jharkhand	0.33		0.33	0.01	2.75	0.01	0.00	0.01	0.01	0.08	0.01	0.29	0.08	0.51	3.05	3.56
Karnataka	3.35	1.52	4.87	2.60	0.04	0.76	0.50	1.26	0.11	0.30	0.20	0.02	0.03	7.15	2.28	9.43
Madhya Pradesh	4.00		4.00	73.00	9.42	0.01		0.01	0.08	2.48	0.12	0.70	1.00	80.56	10.25	90.81
Maharashtra	2.88	1.05	3.93	51.50	0.10	0.08	0.10	0.18	0.04	0.08	0.45	0.08	0.06	54.64	1.78	56.41
Manipur	0.03		0.03	0.06	0.25			0.00						0.09	0.25	0.34
Nagaland	0.01		0.01	0.60	0.30	0.00	0.01	0.01	0.00	0.03		0.04		0.65	0.35	1.00
Odisha	0.28	0.40	0.68	0.01	0.10	0.01	0.38	0.39	0.11	0.07	0.01	0.15	0.45	0.93	1.04	1.97
Punjab	0.03		0.03		0.55		0.10	0.10		0.02				0.05	0.65	0.70
Rajasthan	12.50		12.50	13.18	37.50			0.00	2.75	1.15		0.05		29.58	37.55	67.13
Sikkim			0.00	0.04	0.03			0.00						0.04	0.03	0.07
Tamil Nadu	4.85	4.15	9.00		0.00	0.03	0.07	0.10	0.05	0.40				5.33	4.22	9.55
Telangana	0.65	2.40	3.05	3.72	0.06	0.02	0.15	0.17	0.45	0.20	0.03			5.04	2.64	7.68
Tripura	0.01	0.01	0.02		0.06			0.00		0.05				0.06	0.06	0.12
Uttar Pradesh	1.15		1.15	0.25	8.60		0.05	0.05		1.00		0.25		2.40	8.90	11.30
Uttarakhand	0.03		0.03	0.20	0.13			0.00		0.01				0.24	0.13	0.37
West Bengal	0.04	1.80	1.84	0.04	5.15		0.18	0.18		2.30	0.01	0.05	0.09	2.47	7.18	9.66
Others	0.13	0.04	0.17	0.41	1.10			0.00		0.05		0.01	0.00	0.60	1.14	1.74
All India	75.41	15.29	90.68	148.20	84.86	1.01	2.01	3.02	18.31	10.07	0.83	2.01	2.01	255.00	105.00	360.00

2.7 State, Crop and Season -wise Production target of Commercial Crops for the year 2018-19

(*Production : Lakh tones*)

State	Sugarcane	Cotton*	Jute**	Mesta**	Jute & Mesta**
Andhra Pradesh	80	20	1	0.75	1.75
Assam	12		8.27	0.35	8.62
Bihar	150		14	2.75	16.75
Chhattisgarh	5			0.02	0.02
Gujarat	122	105.85			
Haryana	78	21			
Karnataka	376.67	15			
Madhya Pradesh	48	20.5	0.09	0.02	0.11
Maharashtra	887	90		0.13	0.13
Meghalaya			0.5	0.3	0.8
Mizoram	0.45				
Nagaland	1.9				
Odisha	4	4.05	0.1	0.44	0.54
Punjab	75.33	15			
Rajasthan		18			
Tripura			0.05	0.2	0.25
Tamil Nadu	170	5			
Telangana	30	40			
Uttar Pradesh	1725		0.2		0.2
Uttarakhand	60				
West Bengal	20		80	1.74	81.74
Others	4.65	0.6	0.79	0.3	1.09
All India	3850	355	105	7	112

* Production in Lakh bales of 170 kg for Cotton.

** Production in Lakh bales of 180 kg for Jute & Mesta

Chapter-3

Crop Scenario

A. MADYA PRADESH

3.1 Kharif-2017: Target/Achievement

(A-lakh ha, P-lakh tons, Y-kg/ha)

S.No	CROPS	Target			Achievement			% Increase/Decrease over Target		
		Area	Prod.	Yield	Area	Prod.	Yield	Area	Prod.	Yield
1	Rice	21.42	68.41	3194	20.23	73.05	3611	-6	7	13
2	Sorghum	2.42	5.40	2231	2.70	6.53	2419	12	21	8
3	Bajra	2.42	5.41	2236	3.10	7.55	2435	28	40	9
4	Maize	12.21	33.48	2742	13.17	46.80	3554	8	40	30
5	Kodo kutki, Others (SM & Ragi)	2.09	1.37	656	1.44	1.41	979	-31	3	49
6	Arhar	8.22	9.44	1148	6.47	8.39	1297	-21	-11	13
7	Urdbean	11.28	6.75	598	17.89	17.44	975	59	158	63
8	Mungbean	2.79	1.59	570	2.28	1.37	601	-18	-14	5
9	kulthi	0.19	0.09	474	0.14	0.06	429	-26	-33	-10
10	Other Pulses	0.33	0.13	394	0.02	0.01	500	-94	-92	27
11	Soybean	55.48	69.00	1244	50.10	58.72	1172	-10	-15	-6
12	Groundnut	2.54	4.59	1807	2.18	3.38	1550	-14	-26	-14
13	Sesame	4.31	2.50	580	4.24	1.87	441	-2	-25	-24
14	Niger	0.63	0.27	429	0.61	0.21	344	-3	-22	-20
15	Other Oilseeds	0.33	0.25	758	0.10	0.06	600	-70	-76	-21
16	Cotton	5.79	12.81	376	6.03	9.53	269	4	-26	-28
Total Cereals		40.56	114.07	2812	40.64	135.35	3330	0	19	18
Total Pulses		22.81	18.00	789	26.80	27.27	1018	17	52	29
Total Food grain		63.37	132.07	2084	67.44	162.61	2411	6	23	16
Total Oilseeds		63.30	76.61	1210	57.23	58.72	1026	-10	-23	-15
Total All Crops		132.46	221.49	1672	130.78	230.97	1766	-1	4	6

Source- State Deptt. of Agriculture, Govt. of MP. 4th advance estimate of Kharif 2017

3.2 Kharif – 2018: Target/Achievement

(A-lakh ha, P-lakh tons, Y-kg/ha)

S.No	CROPS	Target			Achievement			% Increase/Decrease over Target		
		Area	Prod.	Yield	Area	Prod.	Yield	Area	Prod.	Yield
1	Rice	22.50	88.65	3940	21.65	80.43	3715	-4	-9	-6
2	Sorghum	2.75	7.10	2582	1.38	3.41	2471	-50	-52	-4
3	Bajra	3.15	-	-	2.56	6.29	2457	-19	-	-
4	Maize	13.50	49.76	3686	13.61	49.25	3619	1	-1	-2
5	Arhar	7.10	-	-	6.35	6.33	997	-11	-	-
6	Urdbean	18.10	-	-	16.52	17.25	1044	-9	-	-
7	Mungbean	2.50	-	-	1.91	1.24	649	-24	-	-
8	Soybean	46.05	-	-	52.38	67.31	1285	14	-	-
9	Groundnut	2.60	-	-	2.35	3.69	1570	-10	-	-
10	Cotton	6.28	11.03	299	6.84	10.88	1591	9	-1	432
Total Cereals		43.70	150.00	3432	40.55	140.46	3464	-7	-6	1
Total Pulses		28.05	30.15	1075	24.91	24.88	999	-11	-17	-7
Total Foodgrain		71.75	180.15	2511	65.46	165.34	2526	-9	-8	1
Total Oilseeds		53.93	75.07	1392	59.68	73.25	1227	11	-2	-12
Total All Crops		131.96	266.25	2018	132.10	249.65	1890	0	-6	-6

Source- State Deptt. of Agriculture, Govt. of MP. 1st advance estimate of Kharif 2018

3.3 Rabi-2017-18: Target/Achievement

(A-lakh ha, P-lakh tons, Y-kg/ha)

S.No	CROPS	Target			Achievement			% Increase/Decrease over Target		
		Area	Prod.	Yield	Area	Prod.	Yield	Area	Prod.	Yield
1	Wheat	64.78	218.15	3368	58.03	200.20	3450	-10	-8	2
2	Barley & other	0.90	1.69	1878	1.34	4.34	3239	49	157	72
3	Gram	32.74	39.42	1204	35.90	53.85	1500	10	37	25
4	Lentil	6.20	5.39	869	5.96	6.79	1139	-4	26	31
5	Peas	5.40	6.18	1144	3.12	3.22	1032	-42	-48	-10
6	Other Pulses	0.45	0.36	800	0.61	0.56	918	36	56	15
7	R&M	6.65	8.10	1218	7.48	9.76	1305	12	20	7
8	Linseed & other	1.73	1.20	694	1.65	0.89	539	-5	-26	-22
9	Sugarcane	1.34	8.10	6045	0.98	5.43	5541	-27	-33	-8
Total Cereals		65.68	219.84	3347	59.37	204.54	3445	-10	-7	3
Total Pulses		44.79	51.35	1146	45.59	64.42	1413	2	25	23
Total Food grain		110.47	271.19	2455	104.96	268.95	2562	-5	-1	4
Total Oilseeds		8.38	9.30	1110	9.13	10.64	1165	9	14	5
Total Crops		120.19	288.58	2401	115.07	285.02	2477	-4	-1	3

Source- State Deptt. of Agriculture, Govt. of MP. 3rd advance estimate of Kharif 2017

B. CHHATTISGARH

3.4 Kharif 2018 1st Advance Estimate

(A-Lakh ha, P-Lakh tonnes, Y-kg/ha)

S. No.	Crop	Area	Production	Yield
1	Paddy	37.23	84.52	2270
2	Maize	2.28	5.86	2570
3	Kodo-Kutki	0.80	0.38	475
Total Cereals		40.31	90.76	2252
4	Tur	1.31	0.98	748
5	Moong	0.27	0.14	519
6	Urd	1.66	0.62	373
7	Kulthi	0.39	0.17	436
Total Pulses		3.63	1.91	526
8	Groundnut	0.59	0.98	1661
9	Sesumum	0.31	0.14	452
10	Soyabean	1.26	1.45	1151
11	Niger	0.67	0.18	269
12	Sunflower	0.005	0.003	600
Total Oilseed		2.84	2.75	971
13	Veg. & Other	1.43	0.00	0
Grand Total		48.21	95.42	1980

Source: State Deptt. of Agriculture, Govt. of, CG.

3.5 Rabi Target: 2018-19

(A-lakh ha,P-lakh tonnes)

S. No.	Crop	Area	Production	Yield
1	Wheat	1.90	3.04	1600
2	Summer Paddy	1.10	3.30	3000
3	Maize	1.00	2.00	2000
Total Cereals		4.00	8.34	2085
4	Gram	4.05	4.66	1151
5	Pea	0.70	0.35	500
7	Lathyrus	3.00	2.10	700
8	Other Pulses	1.19	0.42	353
Total Pulses		8.94	7.53	842
9	Rape-seed /Mustard	1.65	0.92	558
10	Linseed	0.62	0.27	435
11	Other Oilseeds	0.63	0.61	968
Total Oilseeds		2.90	1.80	621
12	Sugarcane	0.42	2.31	5500
13	vegetables	1.95	0	0
Total Rabi Crops		18.21	19.98	1097

Source: State Deptt. of Agriculture, Govt. of, CG.

3.6 All India Crop Scenario – 2017-18 & APY difference over 2016-17 & Normal

I. Cereals

(Area: Lakh ha, Production: Lakh tones, yield: kg/ha)

Crops	Season	2017-18*			2016-17			Normal			% Difference					
											2016-17			Normal		
		A	P	Y	A	P	Y	A	P	Y	A	P	Y	A	P	Y
Rice	Kharif	393.52	974.95	2478	398.46	963.03	2417	395.39	925.93	2342	-1	1	3	-0.5	5	6
	Rabi/ Summer	44.36	154.10	3474	41.48	133.96	3230	41.60	137.01	3294	7	15	8	7	12	5
	Total	437.88	1129.05	2578	439.93	1096.98	2494	436.99	1062.93	2432	-0.5	3	3	0.2	6	6
Wheat	Rabi	295.76	996.99	3371	307.85	985.1	3200	306.29	933.36	3047	-4	1	5	-3	7	11
Jowar	Kharif	18.99	20.99	1105	20.59	19.64	954	22.34	22.63	1013	-8	7	16	-15	-7	9
	Rabi	30.66	28.54	931	35.65	26.03	730	37.40	27.52	736	-14.0	10	27	-18	4	27
	Total	49.65	49.54	998	56.24	45.68	812	59.74	50.15	839	-12	8	23	-17	-1	19
Bajra	Kharif	73.83	91.31	1237	74.59	97.3	1304	74.03	89.95	1215	-1.0	-6	-5	-0.3	2	2
Maize	Kharif	76.23	202.43	2656	78.42	189.19	2413	74.22	170.67	2300	-3	7	10	3	19	15
	Rabi/ Summer	18.49	84.75	4584	17.92	69.81	3896	16.51	67.64	4097	3	21	18	12	25	12
	Total	94.72	287.17	3032	96.33	259	2689	90.73	238.32	2627	-2	11	13	4	21	15
Ragi	Kharif	11.99	19.77	1649	10.16	13.85	1363	11.37	17.65	1552	18	43	21	5	12	6
Small Millets	Kharif	5.25	4.37	832	6.19	4.42	714	6.59	4.17	633	-15	-1	17	-20	5	31
Barley	Rabi	6.61	17.73	2682	6.56	17.48	2665	6.64	16.76	2523	1	1	1	-0.5	6	6
Nutri/ Coarse Cereals	Kharif	186.29	338.86	1819	189.95	324.4	1708	188.55	305.06	1618	-1.9	4	7	-1	11	12
	Rabi	55.76	131.02	2350	60.13	113.32	1885	60.55	111.93	1848	-7	16	25	-8	17	27
	Total	242.05	469.89	1941	250.08	437.72	1750	249.10	416.99	1674	-3	7	11	-3	13	16
Total Cereals	Kharif	766.1	1652.68	2157	778.36	1611.83	2071	583.94	1230.99	2108	-2	3	4	31	34	2
	Rabi	451.64	1413.13	3129	469.59	1345.7	2866	408.44	1182.30	2895	-4	5	9	11	20	8
	Total	1217.74	3065.81	2518	1247.95	2957.53	2370	992.38	2413.28	2432	-2	4	6	23	27	4

Source: DES, M/A, ND, 2017-18*- IVth Advance Estimates; Normal: DES (Ave. 2012-13 to 2016-17)

II. Pulses

(Area: Lakh ha, Production: Lakh tones, yield: kg/ha)

Crops	Season	2017-18*			2016-17			Normal			% Difference					
											2016-17			Normal		
		A	P	Y	A	P	Y	A	P	Y	A	P	Y	A	P	Y
Tur (Arhar)	Kharif	44.31	42.54	960	53.38	48.73	913	41.90	32.88	785	-17	-13	5	6	29	22
Gram	Rabi	105.61	112.29	1063	96.26	93.78	974	89.45	84.25	942	10	20	9	18	33	13
Urad	Kharif	44.95	28.37	631	34.78	21.76	626	27.00	14.72	545	29	30	0.9	66	93	16
	Rabi	9.44	7.25	768	9.99	6.56	657	8.14	6.10	749	-6	11	17	16	19	2
	Total	54.39	35.62	655	44.78	28.32	632	35.13	20.82	593	21	26	4	55	71	10
Moong	Kharif	32.85	14.38	438	33.70	16.43	488	24.93	10.51	421	-3	-12	-10	32	37	4
	Rabi	9.72	5.71	587	9.57	5.22	545	9.62	5.60	582	2	9	8	1	2	1
	Total	42.57	20.09	472	43.27	21.65	500	34.55	16.11	466	-2	-7	-6	23	25	1
Lentil (Masur)	Rabi	15.54	16.07	1034	14.61	12.24	838	13.94	10.77	773	6	31	23	11	49	34
Other Kharif Pulses		18.71	8.15	436	21.78	8.92	410	18.1	7.41	410	-14	-9	6	3	10	6
Other Rabi Pulses		18.8	17.58	935	20.39	17.67	867	19.69	16.17	821	-8	-0.4	8	-5	9	14
Total Pulses	Kharif	140.83	93.45	664	143.63	95.85	667	111.93	65.52	585	-2	-3	-1	26	43	14
	Rabi	159.1	158.90	999	150.83	135.47	898	140.84	122.90	873	5	17	11	13	29	14
	Total	299.93	252.35	841	294.48	231.31	785	252.78	188.42	745	2	9	7	19	34	13
Total Foodgrains	Kharif	720.64	1407.27	1953	732.04	1383.28	1890	695.87	1296.51	1863	-2	2	3	4	9	5
	Rabi	554.99	1441.02	2596	560.29	1367.84	2441	549.29	1305.19	2376	-1	5	6	1	10	9
	Total	1275.63	2848.29	2233	1292.32	2751.12	2129	1245.15	2601.70	2089	-1	4	5	2	9	7

Source: DES, M/A, ND, 2017-18*- IVth Advance Estimates; Normal: DES (Ave. 2012-13 to 2016-17)

III. Oilseeds

(Area: Lakh ha, Production: Lakh tones, yield: kg/ha)

Crops	Season	2017-18*			2016-17			Normal			% Difference					
											2016-17			Normal		
		A	P	Y	A	P	Y	A	P	Y	A	P	Y	A	P	Y
Groundnut	Kharif	41.02	75.40	1838	45.78	60.48	1321	42.01	57.18	1361	-10	25	39	-2	32	35
	Rabi	8.13	16.39	2016	7.6	14.14	1861	7.85	14.83	1890	7	16	8	4	11	7
	Total	49.15	91.79	1868	53.38	74.62	1398	49.86	72.01	1444	-8	23	34	-1	27	29
Castorseed	Kharif	8.26	15.68	1898	8.08	13.76	1703	10.51	17.38	1653	2	14	11	-21	-10	15
Nigerseed	Kharif	2.25	0.74	329	2.56	0.85	332	2.70	0.87	322	-12	-13	-1	-17	-15	2
Sesamum	Kharif	15.62	7.51	481	16.67	7.47	448	17.50	7.65	437	-6	1	7	-11	-2	10
Rapeseed & Mustard	Rabi	59.59	83.22	1397	60.74	79.17	1303	61.25	73.80	1205	-2	5	7	-3	13	16
Linseed	Rabi	3.28	1.75	534	3.25	1.84	566	2.93	1.51	516	1	-5	-6	12	16	3
Safflower	Rabi	0.75	0.47	627	1.44	0.94	653	1.62	0.92	568	-48	-50	-4	-54	-49	10
Sunflower	Kharif	1.34	0.83	619	1.73	0.98	566	2.24	1.38	618	-23	-15	9	-40	-40	0.3
	Rabi/ Summer	1.52	1.28	842	2.08	1.53	736	3.68	2.68	727	-27	-16	14	-59	-52	16
	Total	2.86	2.11	738	3.81	2.51	659	5.92	4.06	686	-25	-16	12	-52	-48	8
Soyabean	Kharif	104.71	109.81	1049	111.83	131.59	1177	112.51	117.26	1042	-6	-17	-11	-7	-6	1
Total Oilseeds	Kharif	173.19	209.96	1212	186.67	215.13	1152	187.47	201.72	1076	-7	-2	5	-8	4	13
	Rabi	73.26	103.12	1408	75.11	97.62	1300	77.32	93.74	1212	-2	6	8	-5	10	16
	Total	246.45	313.08	1270	261.77	312.76	1195	264.79	295.46	1116	-5.9	0	6	-7	6	14

IV. Commercial Crops

Crops	Season	2017-18*			2016-17			Normal			% Difference					
											2016-17			Normal		
		A	P	Y	A	P	Y	A	P	Y	A	P	Y	A	P	Y
Cotton*	Kharif	124.29	348.88	477	108.26	325.77	512	119.75	335.02	476	15	7	-7	4	4	0.2
Jute#	Kharif	6.78	96.28	2556	7.06	104.32	2660	7.43	104.83	2538	-4	-8	-4	-9	-8	1
Mesta#	Kharif	0.57	5.08	1601	0.57	5.3	1664	0.68	5.64	1497	0	-4	-4	-16	-10	7
Jute & Mesta#	Kharif	7.35	101.37	2481	7.63	109.62	2585	8.11	110.47	2451	-4	-8	-4	-9	-8	1
Sugarcane	Kharif	47.32	3769.05	79650	44.36	3060.69	69001	48.84	3420.38	70027	7	23	15	-3	10	14

Source: DES, M/A, ND, 2017-18*- IVth Advance Estimates; Normal: DES (Ave. 2012-13 to 2016-17)

* Production in thousand bales of 170 kgs. each.; # Production in thousand bales of 180 kgs. each.

3.7 Plan-wise Analysis : XIth –XIIth Plan

A. Kharif Crops : Cereals & Pulses

(A-Lakh ha, P-Lakh tonnes, Y-kg/ha)

S. No.	Crops	State/ AI	XI th Plan			XII th Plan			Increase/decrease over XI th Plan		
			A	P	Y	A	P	Y	A	P	Y
A	Cereals										
1	Paddy	MP	15.90	16.56	1041	20.50	33.90	1654	29	105	59
		CG	37.27	52.23	1402	38.08	66.97	1759	2	28	25
		AI	392.15	834.02	2127	395.39	925.93	2342	1	11	10
2	Jowar	MP	4.54	5.89	1297	2.37	4.2	1772	-48	-29	37
		CG	0.05	0.06	1180	0.05	0.04	800	0.00	-33	-32
		AI	30.65	33.33	1087	22.34	22.63	1013	-27	-32	-7
3	Maize	MP	8.49	11.32	1333	10.41	22.04	2117	23	95	59
		CG	1.03	1.61	1567	1.15	2.37	2061	12	47	32
		AI	71.48	149.29	2089	74.22	170.67	2300	4	14	10
4	Bajra	MP	1.72	2.79	1616	2.3	4.84	2104	33	74	30
		AI	91.23	92.02	1009	74.03	89.95	1215	-19	-2	20
5	Small millet	MP	2.80	0.84	300	1.9	0.92	484	-32	9	61
		CG	1.65	0.35	212	1.11	0.25	225	-33	-29	6
		AI	8.75	4.54	519	6.59	4.17	633	-25	-8	22
6	*Kha. Coarse Cereals	MP	17.56	20.84	1187	17.01	32.01	1869	-3	54	57
		CG	2.82	2.05	1187	2.38	2.67	1122	-16	30	-5
		AI	215.11	299.58	1393	188.55	305.06	1618	-12	2	16
	Total Cereals	MP	33.47	37.41	1118	37.51	65.91	1757	12	76	58
		CG	40.08	54.28	1354	40.47	69.64	1721	1	28	27
		AI	607.26	1133.61	1867	583.94	1230.99	2108	-4	9	13
*Coarse Cereals incl. other cereals.											
B	Pulses										
1	Arhar	MP	4.06	2.57	632	5.57	5.2	934	37	103	48
		CG	0.55	0.27	497	0.57	0.33	579	4	22	16
		AI	37.89	26.64	703	41.9	32.88	785	11	23	12
2	Urd	MP	5.15	1.83	354	8.38	4.64	554	63	154	56
		CG	1.05	0.31	292	0.93	0.29	312	-11	-6	7
		AI	23.05	10.90	473	27	14.72	545	17	35	15
3	Moong	MP	0.83	0.27	328	1.49	0.72	483	80	167	47
		CG	0.09	0.02	270	0.09	0.03	366	0.00	50	36
		AI	26.41	10.49	397	24.93	10.51	422	-6	0	6
4	Kulthi	MP	0.23	0.07	301	0.16	0.06	375	-31	-14	25
		CG	0.48	0.14	298	0.45	0.15	333	-6	7	12
		AI	3.29	1.43	433	2.27	1.06	467	-31	-26	8
	Total Pulses*	MP	10.32	4.75	460	15.66	10.67	681	52	125	48
		CG	2.22	0.76	344	2.08	0.82	394	-6	8	15
		AI	111.49	57.33	514	111.93	65.52	585	0.00	14	14
*Total Pulses incl. (Mothbean, Other & Other Pulses)											

Source: DES, M/A, GoI (XIIth Plan* : Average of 2012-13 to 2016-17)

B. Kharif Crops : Oilseeds & Commercial Crops

(A-Lakh ha, P-Lakh tonnes, Y-kg/ha)

S. No.	Crops	State/ AI	XI th Plan			XII th Plan			Increase/decrease over XI th Plan		
			A	P	Y	A	P	Y	A	P	Y
C.	Oilseed										
1	Soybean	MP	53.45	61.37	1148	58.45	61.91	1059	9	1	-8
		CG	0.93	0.92	995	1.08	0.89	824	17	-3	-17
		AI	95.67	111.58	1166	112.51	117.26	1042	18	5	-11
2	Groundnut	MP	2.00	2.56	1277	2.27	3.43	1511	13	34	18
		CG	0.29	0.38	1349	0.26	0.38	1462	-10	0.00	8
		AI	49.01	57.20	1167	42.01	57.18	1361	-14	0	17
3	Sesamum/ Til	MP	2.46	1.12	456	3.37	1.66	493	37	48	8
		CG	0.21	0.07	354	0.19	0.07	368	-10	0.00	4
		AI	19.07	7.38	387	17.5	7.65	437	-8	4	13
4	Niger/ Ramtil	MP	1.15	0.24	212	0.72	0.25	347	-37	4	64
		CG	0.70	0.12	173	0.64	0.11	172	-9	-9	-1
		AI	3.82	1.06	278	2.7	0.87	322	-29	-18	16
	Total Oilseeds	MP	59.07	65.30	1105	64.86	67.26	1037	10	3	-6
		CG	2.41	1.61	670	2.18	1.44	661	-10	-11	-1
		AI	182.19	193.73	1063	187.47	201.72	1076	3	4	1
D	Cotton*	MP	6.44	13.15	347	5.66	19.06	572	-12	45	65
		AI	104.73	280.76	456	119.75	335.02	476	14	19	4
* Thousand bales of 170 kgs each.											

Source: DES, M/A, GoI (XIIth Plan* : Average of 2012-13 to 2016-17)

C. Rabi Crops : Cereals & Pulses

(A-Lakh ha, P-Lakh tonnes, Y-kg/ha)

S. No.	Crops	State/ AI	XI th Plan			XII th Plan			Increase/decrease over XI th Plan		
			A	P	Y	A	P	Y	A	P	Y
A.	Cereals										
1	Wheat	MP	42.07	80.26	1908	57.24	157.61	2753	36	96	44
		CG	1.03	1.15	1116	1.05	1.42	1352	2	24	21
		AI	286.36	843.62	2946	306.29	933.36	3047	7	11	3
2	Barley	MP	0.75	1.02	1363	0.94	1.66	1766	26	63	30
		CG	0.03	0.03	833	0.025	0.022	880	-17	-27	6
		AI	6.56	15.04	2292	6.64	16.76	2524	1	11	10
	Total Cereals	MP	42.84	81.31	1898	58.28	159.56	2738	36	96	44
		CG	1.06	1.17	1107	1.07	1.44	1346	1	23	22
		AI	392.32	1081.93	2758	408.44	1182.3	2895	4	9	5
1	Urd	MP	0.07	0.02	348	0.17	0.14	824	143	600	137
		CG	0.04	0.01	255	0.07	0.017	243	75	70	-5
		AI	7.74	4.05	524	8.14	6.1	749	5	51	43

Source: DES, M/A, GoI (XIIth Plan* : Average of 2012-13 to 2016-17)

Contd.....

(A-Lakh ha, P-Lakh tonnes, Y-kg/ha)

S. N.	Crops	State/ AI	XI th Plan			XII th Plan			Increase/decrease over XI th Plan		
			A	P	Y	A	P	Y	A	P	Y
B.	Pulses										
2	Moong	MP	0.03	0.01	239	1.4	0.76	543	4567	7500	127
		CG	0.07	0.02	229	0.07	0.02	286	0.00	0.00	25
		AI	6.46	2.80	434	9.62	5.6	582	49	100	34
3	Kulthi	MP	0.001	0.001	296	0.01	0.007	700	149	489	137
		CG	0.03	0.01	295	0.04	0.012	300	33	20	2
		AI	2.11	1.07	507	2.09	0.98	469	-1	-8	-7
4	Gram	MP	29.04	27.60	951	30.76	33.97	1104	6	23	16
		CG	2.44	2.22	908	2.87	2.74	955	18	24	5
		AI	82.18	72.42	881	89.45	84.25	942	9	16	7
5	Lentil	MP	5.50	2.33	424	5.58	3.86	692	1	65	63
		CG	0.16	0.05	322	0.16	0.06	375	0.00	20	17
		AI	14.64	9.60	655	13.94	10.77	773	-5	12	18
6	Lathyrus	MP	0.47	0.31	654	0.09	0.07	778	-81	-77	19
		CG	3.39	1.99	589	3.35	2.55	761	-1	28	29
		AI	5.16	3.42	662	4.58	3.84	838	-11	12	27
7	Pea	MP	2.34	0.96	412	3.72	2.95	793	59	207	93
		CG	0.16	0.06	352	0.16	0.069	431	0.00	24	23
		AI	7.16	6.21	868	9.33	8.81	944	30	42	9
8	Total Pulses	MP	37.47	31.24	834	41.86	41.8	999	12	34	20
		CG	6.30	4.36	692	6.73	5.47	813	7	26	17
		AI	128.91	101.58	788	140.84	122.9	873	9	21	11

D. Rabi crops : Oilseeds & Commercial Crops

(A-Lakh ha, P-Lakh tonnes, Y-kg/ha)

S. N.	Crops	State/ AI	XI th Plan			XII th Plan			Increase/decrease over XI th Plan		
			A	P	Y	A	P	Y	A	P	Y
B.	Pulses										
1	Rapeseed /Mustard	MP	7.22	7.69	1065	7.17	8.13	1134	-1	6	6
		CG	0.53	0.22	409	0.47	0.24	511	-11	9	25
		AI	61.01	68.85	1128	61.25	73.8	1205	0	7	7
2	Linseed	MP	1.19	0.46	390	1.14	0.58	509	-4	26	30
		CG	0.45	0.14	301	0.29	0.1	345	-36	-29	14
		AI	3.80	1.57	413	2.93	1.51	515	-23	-4	25
3	Total Oilseeds	MP	8.42	8.16	969	8.45	8.8	1041	0	8	7
		CG	1.01	0.36	360	0.77	0.34	442	-24	-6	23
		AI	85.29	95.54	1120	77.32	93.74	1212	-9	-2	8
D.	Sugarcane	MP	0.68	28.07	41023	0.88	40.79	46352	29	45	13
		CG	0.10	0.26	2491	0.19	0.52	2737	90	100	10
		AI	47.14	3257.87	69118	48.84	3420.38	70032	4	5	1

Source: DES, M/A, GoI (XIIth Plan* : Average of 2012-13 to 2016-17)

Chapter-4

Area Coverage: Rabi & Kharif

A. Rabi Crop Coverage

4.1 Progress of area coverage under Rabi crops

(Final:22.02.2019)

(Area in lakh hectare)

S. No.	Crops	Normal Rabi Area (DES)	Normal of Corresponding week	Area Sown		Difference of 2018-19 over		% Increase (+)/ decrease (-) over 2018-19	
				2018-19	2017-18	Normal of Corresponding week	2017-18	Normal of Corresponding week	2017-18
1	Wheat	306.29	307.28	299.68	300.12	-7.60	-0.45	-2.47	-0.15
2	Rice	41.59	32.78	49.42	43.20	16.64	6.22	50.77	14.39
3	Pulses	140.84	153.26	157.67	166.58	4.41	-8.91	2.88	-5.35
a	Gram	89.45	96.55	96.59	107.57	0.04	-10.98	0.05	-10.21
b	Lentil	13.94	15.82	16.93	17.25	1.11	-0.31	7.04	-1.83
c	Fieldpea	9.33	10.30	10.45	9.38	0.15	1.07	1.48	11.46
d	Kulthi	2.09	4.43	5.55	4.24	1.12	1.31	25.36	30.94
e	Urdbean	8.13	9.07	9.71	10.07	0.64	-0.36	7.06	-3.57
f	Moongbean	9.62	7.10	8.55	8.96	1.45	-0.40	20.46	-4.51
g	Lathyrus	4.58	3.89	3.63	3.26	-0.26	0.37	-6.74	11.51
h	Other Pulses	3.69	6.10	6.24	5.85	0.14	0.39	2.31	6.60
4	Coarse cereals	64.53	58.41	48.79	57.11	-9.61	-8.31	-16.46	-14.56
a	Jowar	37.40	33.98	25.16	31.05	-8.83	-5.90	-25.98	-18.99
b	Bajra	3.66	0.24	0.13	0.32	-0.11	-0.19	-44.49	-58.49
c	Ragi	0.32	0.58	0.69	0.82	0.11	-0.13	19.39	-15.47
d	Maize	16.51	15.90	15.56	17.28	-0.34	-1.73	-2.13	-9.99
e	Barley	6.64	7.71	7.25	7.63	-0.45	-0.38	-5.89	-4.95
5	Oilseeds	80.60	83.42	80.40	80.98	-3.02	-0.58	-3.62	-0.71
a	Rapeseed & Mustard	61.25	67.76	69.37	67.06	1.60	2.31	2.37	3.44
b	Groundnut	7.85	6.79	4.81	6.27	-1.97	-1.46	-29.08	-23.30
c	Safflower	1.62	1.08	0.45	0.81	-0.63	-0.36	-58.46	-44.19
d	Sunflower	3.78	2.80	1.14	1.75	-1.65	-0.60	-59.08	-34.53
e	Sesamum	3.04	0.85	0.79	0.70	-0.05	0.09	-6.25	13.22
f	Linseed	2.93	3.56	3.48	4.02	-0.08	-0.54	-2.33	-13.48
g	Other Oilseeds	0.15	0.58	0.36	0.37	-0.23	-0.01	-39.13	-3.73
	Total Crops	633.85	635.14	635.96	647.99	0.82	-12.03	0.13	-1.86

All figures are rounded off into two digits.

Wheat: About 299.68 lakh ha area coverage has been reported compared to normal of corresponding week (307.28 lakh ha). Thus 7.60 lakh ha less area has been covered compared to normal of corresponding week. Higher area is reported from the States of Madhya Pradesh (1.98 lakh ha), Uttar Pradesh (0.76 lakh ha), Chhattisgarh (0.04 lakh ha), Haryana (0.04 lakh ha), Jammu & Kashmir (0.01 lakh ha) and Assam (0.01 lakh ha). Less area is reported from the States of Maharashtra (3.45 lakh ha), Gujarat (3.12 lakh ha), West Bengal (1.93 lakh ha), Rajasthan (1.28 lakh ha), Karnataka (0.30 lakh ha), Jharkhand (0.20 lakh ha), Himachal Pradesh (0.09 lakh ha), Uttarakhand (0.06 lakh ha) and Bihar (0.02 lakh ha).

Rice: About 49.42 lakh ha area coverage has been reported compared to normal of corresponding week (32.78 lakh ha). Thus 16.64 lakh ha more area has been covered compared to normal of corresponding week. Higher area is reported from the States of West Bengal (9.33 lakh ha), Assam (2.18 lakh ha), Karnataka (2.08 lakh ha), Odisha (1.54 lakh ha), Telangana (1.22 lakh ha), Bihar (0.82 lakh ha), Chhattisgarh (0.35 lakh ha), Kerala (0.33 lakh ha) and Tripura (0.19 lakh ha). Less area is reported from Tamil Nadu (0.68 lakh ha) and Andhra Pradesh (0.67 lakh ha).

Pulses: About 157.67 lakh ha area coverage has been reported compared to normal of corresponding week (153.26 lakh ha). Thus 4.41 lakh ha more area has been covered compared to normal of corresponding week. Higher area is reported from the States of Tamil Nadu (2.19 lakh ha), Odisha (1.69 lakh ha), Madhya Pradesh (1.64 lakh ha), Jharkhand (1.62 lakh ha), West Bengal (1.44 lakh ha), Karnataka (0.30 lakh ha), Andhra Pradesh (0.19 lakh ha), Uttar Pradesh (0.08 lakh ha), Uttarakhand (0.06 lakh ha), Punjab (0.02 lakh ha) and Meghalaya (0.01 lakh ha). Less area is reported from the States of Maharashtra (2.80 lakh ha), Chhattisgarh (0.45 lakh ha), Gujarat (0.30 lakh ha), Haryana (0.30 lakh ha), Rajasthan (0.21 lakh ha), Telangana (0.19 lakh ha), Nagaland (0.14 lakh ha), Himachal Pradesh (0.12 lakh ha), Manipur (0.10 lakh ha), Assam (0.07 lakh ha), Bihar (0.07 lakh ha), Arunachal Pradesh (0.04 lakh ha), Tripura (0.01 lakh ha) and Mizoram (0.01 lakh ha).

Coarse cereals: About 48.79 lakh ha area coverage has been reported compared to normal of corresponding week (58.41 lakh ha). Thus 9.61 lakh ha less area has been covered compared to normal of corresponding week. Higher area is reported from the States of Tamil Nadu (0.71 lakh ha), West Bengal (0.55 lakh ha), Bihar (0.35 lakh ha), Chhattisgarh (0.24 lakh ha), Andhra Pradesh (0.15 lakh ha), Assam (0.12 lakh ha), Odisha (0.10 lakh ha), Uttar Pradesh (0.10 lakh ha), Madhya Pradesh (0.08 lakh ha) and Arunachal Pradesh (0.01 lakh ha). Less area is reported from the States of Maharashtra (9.45 lakh ha), Karnataka (1.23 lakh ha), Telangana (0.51 lakh ha), Rajasthan (0.48 lakh ha), Gujarat (0.15 lakh ha), Haryana (0.09 lakh ha), Himachal Pradesh (0.08 lakh ha), Punjab (0.04 lakh ha), Jharkhand (0.01 lakh ha) and Uttarakhand (0.01 lakh ha).

Oilseeds: About 80.40 lakh ha area coverage has been reported compared to normal of corresponding week (83.42 lakh ha). Thus 3.02 lakh ha less area has been covered compared to normal of corresponding week. Higher area is reported from the States of West Bengal (0.96 lakh ha), Uttar Pradesh (0.80 lakh ha), Madhya Pradesh (0.77 lakh ha), Jharkhand (0.58 lakh ha), Assam (0.25 lakh ha), Bihar (0.09 lakh ha) and Tamil Nadu (0.05 lakh ha). Less area is reported from the States of Karnataka (2.45 lakh ha), Rajasthan (1.49 lakh ha), Maharashtra (0.67 lakh ha), Andhra Pradesh (0.51 lakh ha), Odisha (0.47 lakh ha), Telangana (0.43 lakh ha), Gujarat (0.34 lakh ha), Chhattisgarh (0.09 lakh ha), Himachal Pradesh (0.06 lakh ha), Haryana (0.04 lakh ha), Jammu & Kashmir (0.04 lakh ha), Arunachal Pradesh (0.03 lakh ha), Punjab (0.02 lakh ha) and Uttarakhand (0.01 lakh ha).

4.2 Summary : All India Pulses (Rabi)

(Final: 22.02.2019
(Area: Lakh ha)

Sl. No	Crops	Normal Area	Avg. 2013-14 to 2017-18	Area Covered		Difference (+/-)
				2018-19	2017-18	
1	Gram	89.451	96.550	96.594	107.573	-10.979
2	Lentil	13.941	15.817	16.931	17.246	-0.315
3	Fieldpea	9.328	10.299	10.451	9.377	1.074
4	Kulthi	2.092	4.431	5.555	4.242	1.313
5	Urdbean	8.135	9.068	9.708	10.068	-0.360
6	Moongbean	9.623	7.100	8.553	8.957	-0.404
7	Lathyrus	4.582	3.895	3.632	3.257	0.375
8	Other Rabi Pulses	3.692	6.100	6.241	5.855	0.386
Total		140.844	153.259	157.665	166.575	-8.91

I. All India Rabi Pulses

The normal Rabi pulse area is 140.844 lakh ha.

The current Rabi Season's Pulses coverage is 157.67 lakh ha which is 112% of total normal area of 140.844 lakh ha. The total pulse coverage is 8.91 Lakh ha (5.35%) less than the corresponding period of Rabi-2017-18.

II. State Specific Information

(As on 22.02.2019)

(Area: Lakh ha)

State	Total Pulses Coverage				Reasons of Shortfall/Prospects
	Normal Area (2012-13 to 2016 17)	This Year (2018-19)	Last Year (2017-18)	Actual Shortfall From corresponding period 2017-18	
Maharashtra	16.60	14.24	21.02	6.78	The state has a Normal Rabi pulses area of 16.60 Lha of which 15.48 Lha alone is under gram normal area. <i>In view of Rabi drought declared in 201 blocks of 26 districts, the sowing has adversely affected.</i>
Karnataka	12.01	13.90	15.40	1.50	- Major Rabi Pulse contribution is from Northern districts. - During Rabi 2018-19 <i>North East Monsoon</i> (01st Oct-31st Dec.), districts have experienced deficit rainfall viz, 44% in South Interior Karnataka (SIK) and 66% in North Interior Karnataka (NIK), <i>However, State has achieved Normal area under total rabi pulses as well as gram crop.</i>

(Area: Lakh ha)

State	Total Pulses Coverage				Reasons of Shortfall/Prospects
	Normal Area (2012-13 to 2016 17)	This Year (2018-19)	Last Year (2017-18)	Actual Shortfall From corresponding period 2017-18	
Gujarat	2.29	1.96	3.22	1.26	- Deficient rainfall and poor reservoirs with the low ground water table accounted the less area coverage under rabi pulses in the state. - However, State has achieved Normal area under gram crop
Jharkhand	2.61	3.11	3.82	0.71	- Delayed onset of monsoon/kharif sowings subsequently delayed the harvesting of kharif crops as well as Rabi sowings in the state. - Drought situation due to low rain in the month of September /October. However, State has achieved Normal area under total rabi pulses as well as gram crop.
All India	140.844	157.665	166.575	-8.91	

4.3 All India: Crop Coverage: Rabi Pulses 2018-19

I. Total Rabi Pulses

(Final: 22.02.2019)

(Unit : Area Lha)

S.No	States	Normal Area	Area Covered		% Coverage	
			2018-19	2017-18	Normal	Last year
1.	Madhya Pradesh	41.859	44.260	44.980	106	98
2.	Maharashtra	16.601	14.237	21.021	86	68
3.	Rajasthan	14.544	15.376	15.411	106	100
4.	Uttar Pradesh	14.002	16.207	15.741	116	103
5.	Karnataka	12.013	13.900	15.400	116	90
6.	Andhra Pradesh	9.710	9.910	10.050	102	99
7.	Chhattisgarh	6.727	7.568	7.187	113	105
8.	Tamil Nadu	5.409	6.938	5.949	128	117
9.	Bihar	4.595	4.650	4.700	101	99
10.	Odisha	3.442	12.217	12.493	355	98
	Others	11.942	12.398	13.644	104	91
All India		140.844	157.665	166.575	11	95

II. Gram

(Unit : Area Lha)

S. No	States	Normal Area	Area Covered		% Coverage	
			2018-19	2017-18	Normal	Last year
1.	Madhya Pradesh	30.762	34.320	35.500	112	97
2.	Maharashtra	15.477	13.140	20.003	85	66
3.	Rajasthan	13.845	15.027	15.058	109	100
4.	Karnataka	10.554	12.380	13.950	117	89
5.	Uttar Pradesh	5.138	5.830	5.607	113	104
6.	Andhra Pradesh	4.502	4.700	5.240	104	90
7.	Chhattisgarh	2.869	3.714	3.553	129	105
8.	Gujarat	1.718	1.740	2.956	101	59
9.	Jharkhand	1.659	1.897	2.327	114	82
10.	Telangana	0.914	1.100	1.050	120	105
	Others	2.013	2.746	2.330	136	118
All India		89.451	96.594	107.573	108	90

III. Lentil

(Unit : Area Lha)

S. No	States	Normal Area	Area Covered		% Coverage	
			2018-19	2017-18	Normal	Last year
1.	Madhya Pradesh	5.578	5.600	5.960	100	94
2.	Uttar Pradesh	4.412	5.804	5.965	132	97
3.	Bihar	1.614	2.130	2.160	132	99
4.	West Bengal	0.748	1.920	1.590	257	121
5.	Rajasthan	0.510		0.000	0	
6.	Jharkhand	0.409	0.573	0.694	140	83
7.	Assam	0.280	0.380	0.370	136	103
8.	Chhattisgarh	0.162	0.259	0.228	160	114
9.	Uttarakhand	0.111	0.150	0.150	135	100
10.	Haryana	0.042		0.000	0	
	Others	0.074	0.116	0.129	157	90
All India		13.941	16.931	17.246	121	98

(Normal - DES Ave.: 2012-13 to 2016-17)

IV. Fieldpea

(Unit : Area Lha)

S. No	States	Normal Area	Area Covered		% Coverage	
			2018-19	2017-18	Normal	Last year
1.	Madhya Pradesh	3.718	3.690	2.910	99	127
2.	Uttar Pradesh	3.500	4.573	4.169	131	110
3.	Jharkhand	0.380	0.496	0.590	131	84
4.	Odisha	0.338	0.305	0.304	90	100
5.	Assam	0.273	0.380	0.400	139	95
6.	Bihar	0.183	0.310	0.320	169	97
7.	Manipur	0.182		0.000	0	
8.	Chhattisgarh	0.160	0.464	0.451	290	103
9.	West Bengal	0.136	0.173	0.173	127	100
10.	Himachal Pradesh	0.119		0.000	0	
	Others	0.340	0.060	0.060	18	100
All India		9.328	10.451	9.377	112	111

V. Kulthi

(Unit : Area Lha)

S. No	States	Normal Area	Area Covered		% Coverage	
			2018-19	2017-18	Normal	Last year
1.	Karnataka	1.136	1.310	1.150	115	114
2.	Tamil Nadu	0.601	0.949	0.557	158	170
3.	Andhra Pradesh	0.202	1.070	0.270	530	396
4.	Maharashtra	0.051		0.000		
5.	Chhattisgarh	0.041	0.164	0.239	400	69
6.	West Bengal	0.027	0.011	0.012	41	92
7.	Telangana	0.020	0.010	0.010	50	100
8.	Madhya Pradesh	0.013		0.000		
9.	Odisha	0.001	2.010	2.004	201000	100
10.	Arunachal Pradesh	0.000		0.000		
	Others	0.000	0.000	0.000		
All India		2.092	5.555	4.242	266	131

VI. Urdbean

(Unit : Area Lha)

S. No	States	Normal Area	Area Covered		% Coverage	
			2018-19	2017-18	Normal	Last year
1.	Andhra Pradesh	3.534	2.860	3.340	81	86
2.	Tamil Nadu	2.936	3.894	3.584	133	109
3.	Assam	0.529		0.000	0	
4.	Uttar Pradesh	0.466		0.000	0	
5.	Madhya Pradesh	0.165		0.000	0	
6.	West Bengal	0.120	0.097	0.085	81	114
7.	Telangana	0.116	0.050	0.080	43	63
8.	Chhattisgarh	0.070	0.144	0.124	206	116
9.	Karnataka	0.070	0.030	0.040	43	75
10.	Odisha	0.067	2.286	2.520	3412	91
	Others	0.061	0.000	0.000	0	
All India		8.135	9.708	10.068	119	96

(Normal - DES Ave.: 2012-13 to 2016-17)

VII. Mungbean

(Unit : Area Lha)

S. No	States	Normal Area	Area Covered		% Coverage	
			2018-19	2017-18	Normal	Last year
1.	Odisha	1.659	5.922	6.310	357	94
2.	Tamil Nadu	1.612	1.165	1.148	72	101
3.	Bihar	1.538		0.000	0	
4.	Madhya Pradesh	1.401		0.000	0	
5.	Andhra Pradesh	1.304	0.990	0.970	76	102
6.	Uttar Pradesh	0.486		0.000	0	
7.	Punjab	0.329		0.000	0	
8.	Gujarat	0.328		0.000	0	
9.	Haryana	0.308		0.000	0	
10.	West Bengal	0.247	0.130	0.180	53	72
	Others	0.411	0.339	0.347	82	98
All India		9.623	8.553	8.957	89	95

VIII. Lathyrus

(Unit : Area Lha)

S. No	States	Normal Area	Area Covered		% Coverage	
			2018-19	2017-18	Normal	Last year
1.	Chhattisgarh	3.346	2.572	2.347	77	110
2.	Bihar	0.643		0.000	0	
3.	West Bengal	0.425	1.060	0.910	249	116
4.	Madhya Pradesh	0.087		0.000	0	
5.	Maharashtra	0.081		0.000	0	
6.	Andhra Pradesh	0.00	0.000	0.000		
7.	Arunachal Pradesh	0.00	0.000	0.000		
8.	Assam	0.00	0.000	0.000		
9.	Gujarat	0.00	0.000	0.000		
10.	Haryana	0.00	0.000	0.000		
	Others	0.00	0.000	0.000		
All India		4.582	3.632	3.257	79	112

IX. Other Rabi Pulses

(Unit : Area Lha)

S. No	States	Normal Area	Area Covered		% Coverage	
			2018-19	2017-18	Normal	Last year
1.	Odisha	0.924	0.872	0.884	94	99
2.	Maharashtra	0.861	1.097	1.018	127	108
3.	Gujarat	0.228	0.215	0.266	94	81
4.	Tamil Nadu	0.194	0.691	0.340	356	203
5.	Karnataka	0.192	0.160	0.230	83	70
6.	Nagaland	0.186		0.000	0	
7.	Assam	0.183	0.210	0.180	115	117
8.	Andhra Pradesh	0.168	0.290	0.230	173	126
9.	Jharkhand	0.161	0.145	0.205	90	71
10.	Madhya Pradesh	0.135	0.650	0.610	481	107
	Others	0.460	1.871	1.875	407	100
All India		3.692	6.241	5.855	169	107

(Normal - DES Ave.: 2012-13 to 2016-17)

4.4 Assigned States: Summary Rabi Crops- 2018-19

I. Madhya Pradesh

(Area: Lakh ha)

Sl No	Crop	Normal Area (DES)	Target Area 2018-19 (SDA)	Area Covered		% Coverage	
				2018-19	2017-18	Normal	Target
1	Wheat	57.242	65.400	59.000	46.280	103	90
2	Others	1.038	0.850	1.250	1.330	120	147
Total Cereals		58.280	66.250	60.250	47.610	103	91
3	Gram	30.762	36.500	34.320	35.500	112	94
4	Lentil	5.578	6.00	5.600	5.96	100	93
5	Pea	3.718	5.000	3.690	2.910	99	74
6	Others	1.801	0.500	0.650	0.610	36	130
Total Pulses		41.859	48.000	44.260	44.980	106	92
Total foodgrains		100.139	114.250	104.510	92.590	104	91
7	Rapeseed/Mustard	7.169	7.780	7.780	7.480	109	97
8	Linseed/ Others	1.136	1.520	1.520	1.620	134	95
9	Other Oilseeds	0.143			0.000	0	0
Total Oilseeds		8.448	9.900	9.300	9.100	110	94
10	Sugarcane	0.877	0.010	1.180	0.980	135	112
Total Rabi Area		109.464	125.200	114.990	102.670	105	92

Normal Area- DES (Ave. 2012-13to 2016-17)

II. Chhattisgarh

(Area: Lakh ha)

Sl No	Crop	Normal Area (DES)	Target Area 2018-19 (SDA)	Area Covered		% Coverage	
				2018-19	2017-18	Normal	Target
1	Wheat	1.049	1.900	1.682	1.627	160	89
2	Paddy	0.000	0.556	1.175	0.406		211
3	Maize	0.000	0.971	0.796	0.694		82
4	Jowar & Others	0.025	0.056	0.051	0.057	202	91
Total Cereals		1.074	3.483	3.703	2.784	345	106
5	Gram	2.869	4.268	3.714	3.553	129	87
6	Lentil	0.162	0.313	0.259	0.228	160	83
7	Peas	0.160	0.581	0.464	0.451	290	80
8	Kulthi	0.041	0.267	0.164	0.239	401	61
9	Urd	0.070	0.233	0.144	0.124	206	62
10	Moong	0.071	0.338	0.237	0.230	333	70
11	Lathyrus	3.346	3.233	2.572	2.347	77	80
12	Others	0.006	0.008	0.014	0.016	238	179
Total Pulses		6.725	9.240	7.568	7.187	113	82
Total foodgrains		7.799	12.722	11.271	9.970	145	89
13	Rapeseed/ Mustard	0.474	1.765	1.455	1.426	307	82
14	Linseed	0.291	0.602	0.432	0.459	149	72
15	Sesamum	0.000	0.036	0.060	0.015		168
16	Sunflower	0.000	0.122	0.056	0.070		46
17	Groundnut	0.000	0.344	0.175	0.268		51

Contd.....

(Area: Lakh ha)

Sl No	Crop	Normal Area (DES)	Target Area 2018-19 (SDA)	Area Covered		% Coverage	
				2018-19	2017-18	Normal	Target
18	Safflower	0.000	0.075	0.033	0.033		44
19	Others	0.008	0.019	0.020	0.031	253	107
Total Oilseeds		0.773	2.963	2.231	2.301	289	75
20	Sugarcane	0.194	0.493	0.294	0.219	152	60
21	Others	0.000	2.122	1.873	1.719		88
Total Rabi Area		8.766	18.300	15.670	14.209	179	86

Normal Area- DES (Ave. 2012-13 to 2016-17)

I. Madhya Pradesh

- The state's Rabi normal area is 109.464 lakh ha. The current Rabi target is kept at 125.20 lakh ha.
- As on date 114.99 lakh ha area has been reported as sown. The current coverage is 12.32 Lakh ha more with the coverage of the corresponding period of Rabi-2017-18.

II. Chhattisgarh

- The state's normal Rabi area is 8.766 Lakh ha. The target for Rabi 2018-19 is 18.30 lakh ha.
- As on date 15.67 lakh ha area has been reported as sown. The current coverage is 1.46 Lakh ha more with the coverage of the corresponding period of Rabi-2017-18.

4.5 Area Coverage under Kharif-2018 & Rabi Crops-2017-18 (Final)

(Area in Lha)

Crops	Normal Area*	Final Area Covered	% Coverage of total Normal area
A. Kharif -2018			
Arhar	41.91	46.06	110
Urd	27.00	41.02	152
Mung	24.93	34.66	139
Kulthi	2.26	1.18	52
Other Kh.	15.84	16.97	107
Total Kharif	111.93	139.88	125
B. Rabi-2017-18			
Gram	86.808	107.241	124
Lentil	14.162	17.344	122
Field pea	9.926	11.902	120
Kulthi	2.254	4.244	188
Urd	7.895	8.470	107
Mung	9.541	7.146	75
Lathyrus	5.061	3.897	77
Other Rabi	3.868	6.221	161
Total Rabi Pulses	139.515	166.466	119

(Normal Area: DES, Ave.; 2011-12 to 2015-16)

B. Kharif Crop Coverage

4.6 Progress of area coverage under Kharif crops

(Final 12.10.2018)

(Area in lakh hectare)

S. No.	Crops	Normal Rabi Area (DES)	Normal of Corresponding week	Area Sown		Difference of 2018-19 over		% Increase (+)/ decrease (-) over 2018-19	
				2018-19	2017-18	Normal of Corresponding week	2017-18	Normal of Corresponding week	2017-18
1	Rice	395.53	380.71	388.98	383.09	8.26	5.89	2.17	1.54
2	Pulses	111.93	119.91	139.88	141.69	19.97	-1.81	16.66	-1.28
a	Arhar	41.91	42.10	46.06	45.95	3.96	0.11	9.40	0.24
b	Urdbean	27.00	31.70	41.01	44.59	9.31	-3.57	29.38	-8.02
c	Moongbean	24.93	27.76	34.66	32.23	6.90	2.43	24.86	7.53
d	Kulthi	2.26	1.05	1.18	1.79	0.13	-0.61	12.14	-34.08
e	Other pulses	15.84	17.29	16.96	17.13	-0.33	-0.16	-1.89	-0.95
3	Coarse cereals	188.55	185.56	179.71	187.69	-5.85	-7.98	-3.15	-4.25
a	Jowar	22.34	19.75	18.58	19.39	-1.18	-0.81	-5.95	-4.17
b	Bajra	74.03	69.94	65.54	70.66	-4.40	-5.11	-6.29	-7.24
c	Ragi	11.37	11.14	9.40	11.53	-1.74	-2.13	-15.66	-18.49
d	Small millets	6.59	5.48	5.33	5.26	-0.15	0.07	-2.65	1.42
e	Maize	74.22	79.25	80.87	80.87	1.62	0.00	2.04	0.00
4	Oilseeds	184.19	185.04	180.25	173.87	-4.79	6.38	-2.59	3.67
a	Groundnut	42.01	41.36	40.51	41.79	-0.85	-1.28	-2.05	-3.07
b	Soybean	112.51	114.28	113.09	105.92	-1.19	7.17	-1.04	6.77
c	Sunflower	2.14	1.81	1.15	1.45	-0.66	-0.30	-36.45	-20.62
d	Sesamum	14.46	15.83	14.53	14.20	-1.31	0.33	-8.25	2.31
e	Niger	2.59	2.11	2.06	2.05	-0.05	0.01	-2.31	0.25
f	Castor	10.47	9.65	8.91	8.45	-0.74	0.46	-7.66	5.41
5	Sugarcane	50.05	46.36	54.04	49.86	7.68	4.18	16.57	8.38
6	Jute & Mesta	8.11	7.64	7.03	7.09	-0.61	-0.06	-7.96	-0.83
7	Cotton	119.75	116.97	122.01	123.17	5.04	-1.16	4.31	-0.94
	Total	1058.10	1042.20	1071.90	1066.47	29.71	5.44	2.85	0.51

All figures are rounded off into two digits.

Rice: About 388.98 lakh ha area coverage under rice has been reported compared to normal of corresponding week (380.71 lakh ha). Thus 8.26 lakh ha more area has been covered compared to normal of corresponding week. Higher area is reported from the States of Telangana (2.11 lakh ha), Madhya Pradesh (1.47 lakh ha), Punjab (1.34 lakh ha), West Bengal (1.23 lakh ha), Haryana (1.02 lakh ha), Tamil Nadu (0.57 lakh ha), Maharashtra (0.49 lakh ha), Uttar Pradesh (0.48 lakh ha), Andhra Pradesh (0.37 lakh ha), Karnataka (0.27 lakh ha), Bihar (0.21 lakh ha), Tripura (0.18 lakh ha), Gujarat (0.17 lakh ha), Nagaland (0.15 lakh ha), Goa (0.08 lakh ha), Chhattisgarh (0.07 lakh ha) and Mizoram (0.01 lakh ha). Less area is reported from the States of Manipur (1.52 lakh ha), Assam (0.45 lakh ha), Jammu & Kashmir (0.44 lakh ha), Jharkhand (0.42 lakh ha), Rajasthan (0.32 lakh ha), Odisha (0.16 lakh ha), Arunachal Pradesh (0.06 lakh ha), Meghalaya (0.02 lakh ha), Uttarakhand (0.02 lakh ha), Kerala (0.02 lakh ha), Himachal Pradesh (0.01 lakh ha) and Sikkim (0.01 lakh ha).

Pulses: About 139.88 lakh ha area coverage under pulses has been reported compared to normal of corresponding week (119.91 lakh ha). Thus 19.97 lakh ha more area has been covered compared to normal of corresponding week. Higher area is reported from the States of Rajasthan (9.17 lakh ha), Madhya Pradesh (6.27 lakh ha), Jharkhand (3.35 lakh ha), Karnataka (1.69 lakh ha), Uttar Pradesh (0.94 lakh ha), Maharashtra (0.47 lakh ha), Andhra Pradesh (0.17 lakh ha), Chhattisgarh (0.17 lakh ha), Assam (0.13 lakh ha), Uttarakhand (0.12 lakh ha), Sikkim (0.05 lakh ha), Arunachal Pradesh (0.03 lakh ha), Bihar (0.02 lakh ha), Haryana (0.01 lakh ha) and Jammu & Kashmir (0.01 lakh ha). Less area is reported from the States of Gujarat (0.81 lakh ha), Telangana (0.69 lakh ha), Tamil Nadu (0.48 lakh ha), Odisha (0.30 lakh ha), Nagaland (0.10 lakh ha), Himachal Pradesh (0.05 lakh ha), Manipur (0.02 lakh ha), West Bengal (0.02 lakh ha), Punjab (0.01 lakh ha) and Mizoram (0.01 lakh ha).

Coarse cereals: About 179.71 lakh ha area coverage under coarse cereals has been reported compared to normal of corresponding week (185.56 lakh ha). Thus 5.85 lakh ha less area has been covered compared to normal of corresponding week. Higher area is reported from the States of Madhya Pradesh (2.41 lakh ha), Tamil Nadu (1.08 lakh ha), Haryana (0.89 lakh ha), Chhattisgarh (0.49 lakh ha), Arunachal Pradesh (0.18 lakh ha), Assam (0.05 lakh ha) and Bihar (0.05 lakh ha). Less area is reported from the States of Maharashtra (4.32 lakh ha), Rajasthan (2.40 lakh ha), Karnataka (2.15 lakh ha), Gujarat (0.59 lakh ha), Telangana (0.49 lakh ha), Odisha (0.24 lakh ha), Andhra Pradesh (0.24 lakh ha), Jharkhand (0.21 lakh ha), Punjab (0.16 lakh ha), Uttarakhand (0.10 lakh ha), Jammu & Kashmir (0.08 lakh ha), Uttar Pradesh (0.04 lakh ha) and Himachal Pradesh (0.03 lakh ha).

Oilseeds: About 180.25 lakh ha area coverage under oilseeds has been reported compared to normal of corresponding week (185.04 lakh ha). Thus 4.79 lakh ha less area has been covered compared to normal of corresponding week. Higher area is reported from the States of Maharashtra (1.50 lakh ha), Rajasthan (1.48 lakh ha), Bihar (0.36 lakh ha), Jharkhand (0.34 lakh ha), Chhattisgarh (0.13 lakh ha), Assam (0.07 lakh ha), Uttarakhand (0.04 lakh ha), Odisha (0.01 lakh ha) and Arunachal Pradesh (0.01 lakh ha). Less area is reported from the States of Madhya Pradesh (3.03 lakh ha), Gujarat (1.70 lakh ha), Andhra Pradesh (1.37 lakh ha), Telangana (1.05 lakh ha), Karnataka (0.77 lakh ha), Uttar Pradesh (0.75 lakh ha), Tamil Nadu (0.08 lakh ha), Haryana (0.03 lakh ha), Punjab (0.03 lakh ha), Himachal Pradesh (0.01 lakh ha), West Bengal (0.01 lakh ha) and Jammu & Kashmir (0.01 lakh ha).

Sugarcane: About 54.04 lakh ha area coverage under sugarcane has been reported compared to normal of corresponding week (46.36 lakh ha). Thus 7.68 lakh ha more area has been covered compared to normal of corresponding week. Higher area is reported from the States of Uttar Pradesh (5.83 lakh ha), Maharashtra (1.82 lakh ha), Karnataka (0.85 lakh ha), Bihar (0.17 lakh ha), Madhya Pradesh (0.14 lakh ha), Telangana (0.06 lakh ha), Uttarakhand (0.04 lakh ha) and Odisha (0.02 lakh ha). Less area is reported from the States of Tamil Nadu (0.85 lakh ha), Chhattisgarh (0.11 lakh ha), Haryana (0.06 lakh ha), Andhra Pradesh (0.05 lakh ha), Gujarat (0.04 lakh ha) and Punjab (0.02 lakh ha).

Jute & Mesta: About 7.03 lakh ha area coverage under Jute & Mesta has been reported against the normal of corresponding week (7.64 lakh ha). Thus 0.61 lakh ha less area has been covered compared to normal of corresponding week. Higher area is reported from the States of Meghalaya (0.01 lakh ha). Less area is reported from the States of West Bengal (0.25 lakh ha), Bihar (0.25 lakh ha), Assam (0.04 lakh ha), Odisha (0.04 lakh ha), Andhra Pradesh (0.03 lakh ha) and Uttar Pradesh (0.01 lakh ha).

Cotton: About 122.01 lakh ha area coverage under Cotton has been reported against the normal of corresponding week (116.97 lakh ha). Thus 5.04 lakh ha more area has been covered compared to normal of corresponding week. Higher area is reported from the States of Maharashtra (2.76 lakh ha), Telangana (1.76 lakh ha), Madhya Pradesh (1.08 lakh ha), Rajasthan (0.82 lakh ha), Haryana (0.74 lakh ha), Odisha (0.27 lakh ha), Gujarat (0.12 lakh ha) and Andhra Pradesh (0.07 lakh ha). Less area is reported from the States of Punjab (1.25 lakh ha), Karnataka (0.99 lakh ha), Tamil Nadu (0.26 lakh ha).

4.7 Summary : All India Pulses (Kharif)

(Final:10.10.2018)

(Area: Lakh ha)

Crops	Normal Area	Normal Area of Corr. Week (2013-17)	Area Covered		Change over (+-)		
			2018	2017	Normal Area of Corr. Week	2017	2016
Arhar (Tur)	41.905	42.103	46.060	45.951	3.957	0.109	-7.295
Urdbean	26.996	31.698	41.012	44.586	9.314	-3.574	5.035
Moongbean	24.928	27.760	34.661	32.235	6.902	2.426	0.083
Kulthi	2.264	1.055	1.183	1.794	0.128	-0.612	0.461
Other Kharif Pulses	15.836	17.292	16.965	17.128	-0.327	-0.163	-1.882
Total	111.929	119.907	139.881	141.694	19.974	-1.813	-3.597

1. Overall Crop Scenario

Total Kharif

- The normal kharif pulse area (2012-13 to 2016-17) is 111.93 lakh ha. The more than 90% area covered by 10 states. The highest kharif pulse acreage state is Rajasthan with 23% of area contributed followed by Maharashtra (18%), Madhya Pradesh (14%), Karnataka (12%), UP (8%), Gujarat, Telangana & Odisha (4% each), Jharkhand (3%) and Tamil Nadu (2%).
- The current Kharif Season's Pulses coverage is 139.88 lakh ha which about 25% more than the normal area of 111.93 lakh ha.
- The total pulse coverage is 1.81 Lakh ha (1.28%) less than the previous year kharif-2017.
- Total Kharif Pulses coverage reported less than to last year in Madhya Pradesh (1.68 Lha), Maharashtra (1.67 Lha), Gujarat (1.24 Lha), Andhra Pradesh (0.77 Lha), Tamil nadu (0.64 Lha) Odisha (0.42 Lha) and Jharkhand (0.32 Lha) may be attributed to weak S-W Monsoon and uneven/deficient rainfall in major parts of these states.
- Area under total pulses exceeded the normal in the states of Rajasthan, Madhya Pradesh, Karnataka, Maharashtra, Odisha, Chhattisgarh, Bihar & Jharkhand.

Arhar

- Arhar is major kharif pulse which grown on an about 41.91 Lha which is >37 % of kharif pulse area.
- More than 90% area covered by 09 states. The highest Arhar acreage state is Maharashtra with 30% of area contributed followed by Karnataka (19%), Madhya Pradesh (13%), UP (7%), Telangana (7%) Gujarat, Jharkhand and AP (5% each) and Odisha (3%).
- The current year Arhar coverage is 46.06 lakh ha which is 3.15 L ha (7.52%) more than the normal area of 41.91 lakh ha and 0.11 lakh ha (0.24%) against the previous year.
- The major shortfall in the state of Maharashtra is 0.40 Lha followed by Andhra Pradesh 0.39 Lha, Tamil nadu & Gujarat 0.17 Lha, Jharkhand 0.15 Lha and Madhya Pradesh 0.12 Lha may be attributed to weak S-W Monsoon and uneven rainfall in major parts of these states and price regime of previous year.
- The crop is in normal condition at vegetative to flowering stage.

Urdbean

- Urdbean is next to arhar among kharif pulse which grown on an about 27 Lha which is >24% of kharif pulse area.
- The more than 90% area covered by 10 states. The highest urdbean producing state is Madhya Pradesh with 31% of area contributed followed by UP (20%), Maharashtra (12%), Rajasthan (10%), Jharkhand and Gujarat (4 % each), West Bengal, Karnataka & Odisha (3%), and Tamil Nadu (2%).
- The current year urdbean coverage is 41.01 lakh ha which is 14.01 L ha (52%) more than the normal area of 27 lakh ha and also more than the previous three year's coverage. The major contribution of MP is exceeded >08 Lha of normal.
- The major shortfall in the state of Madhya Pradesh 1.37 Lha followed Maharashtra 0.88 Lha, Rajasthan 0.68 Lha, Karnataka 0.47 Lha, Odisha 0.27 Lha and Andhra Pradesh, Tamil nadu & Gujarat 0.23 Lha each may be attributed to weak S-W Monsoon and uneven rainfall in major parts of these states and price regime of previous year.
- Crop is at harvesting stage and being harvested and threshing is going on.

Mungbean

- Mungbean is third important kharif pulse crop which is grown on an about 24.93 Lha which is >22% of kharif pulse area.
- More than 90% area covered by 07 states. The highest mungbean producing state is Rajasthan with 46% of area contributed followed by Maharashtra (16%), Karnataka (12%), Madhya Pradesh 06%, Odisha (5%) Gujarat and Telangana (4% each).
- The current year mungbean coverage is 34.66 lakh ha which is 9.73 Lha (39%) more than the normal area of 24.93 lakh ha and 2.43 Lha more against the previous year.
- The major shortfall in the state of Gujarat 0.67 Lha followed by Maharashtra 0.41 Lha, Odisha 0.24 Lha and Telangana 0.16 Lha may be attributed to weak S-W Monsoon and uneven rainfall in major parts of these states.
- Crop is at harvesting stage and being harvested and threshing is going on.

Kulthi

- Kulthi is also important kharif pulse which grown on 2.26 Lha which is >2 % of kharif pulse area.
- The crop grown mainly in 10 states i.e. Karnataka (24%) followed by CG (20%) Odisha(17%), Jharkhand (11%), MP (7%), Uttarakhand (6%), Tamil Nadu & AP (5%) and Bihar (4%).
- The current year coverage is 1.18 lakh ha which is 1.08 L ha (48%) less than the normal area of 2.26 lakh ha and 0.61 (34%) to the previous year coverage.
- Crop is at vegetative stage.

4.8 All India: Crop Coverage: Kharif Pulses 2018

I. Total Kharif Pulses

(Final: 10.10.2018)

(Unit : Area Lha)

S.No	States	Normal Area	Area Covered		% Coverage	
			2018	2017	Normal	Last year
1.	Rajasthan	25.343	35.984	32.595	142	110
2.	Maharashtra	20.476	21.290	22.960	104	93
3.	Madhya Pradesh	15.659	25.120	26.800	160	94
4.	Karnataka	13.724	16.460	16.160	120	102
5.	Uttar Pradesh	8.824	10.975	9.770	124	112
6.	Gujarat	4.886	4.431	5.666	91	78
7.	Odisha	4.660	6.660	7.081	143	94
8.	Telangana	4.223	3.766	3.713	89	101
9.	Jharkhand	3.687	4.264	4.587	116	93
10.	Andhra Pradesh	2.993	2.860	3.630	96	79
	Others	7.454	8.072	8.732	108	92
	All India	111.929	139.881	141.694	125	99

II. Arhar

(Unit : Area Lha)

S.No	States	Normal Area	Area Covered		% Coverage	
			2018	2017	Normal	Last year
1.	Maharashtra	12.407	12.343	12.739	99	97
2.	Karnataka	8.166	9.920	8.840	121	112
3.	Madhya Pradesh	5.569	6.350	6.470	114	98
4.	Uttar Pradesh	3.004	3.465	3.360	115	103
5.	Telangana	2.786	2.787	2.509	100	111
6.	Gujarat	2.456	2.557	2.728	104	94
7.	Andhra Pradesh	2.218	2.320	2.710	105	86
8.	Jharkhand	2.042	2.278	2.425	112	94
9.	Odisha	1.383	1.441	1.379	104	104
10.	Tamil Nadu	0.574	0.261	0.432	45	60
	Others	1.300	2.339	2.359	180	99
	All India	41.905	46.060	45.951	110	100

III. Urdbean

(Unit : Area Lha)

S.No	States	Normal Area	Area Covered		% Coverage	
			2018	2017	Normal	Last year
1.	Madhya Pradesh	8.379	16.520	17.890	197	92
2.	Uttar Pradesh	5.410	6.880	5.960	127	115
3.	Maharashtra	3.190	3.959	4.834	124	82
4.	Rajasthan	2.782	4.722	5.404	170	87
5.	Jharkhand	1.089	1.212	1.295	111	94
6.	Gujarat	1.008	1.074	1.301	107	83
7.	Chhattisgarh	0.932	1.605	1.644	172	98
8.	Odisha	0.856	2.290	2.546	268	90
9.	Karnataka	0.852	0.840	1.310	99	64
10.	West Bengal	0.684	0.500	0.520	73	96
	Others	1.814	1.410	1.881	78	75
	All India	26.996	41.012	44.586	152	92

(Normal - DES Ave.: 2012-13 to 2016-17)

IV. Mungbean

(Unit : Area Lha)

S.No	States	Normal Area	Area Covered		% Coverage	
			2018	2017	Normal	Last year
1.	Rajasthan	11.410	19.230	15.702	169	122
2.	Maharashtra	3.975	4.115	4.526	104	91
3.	Karnataka	2.990	4.240	3.720	142	114
4.	Madhya Pradesh	1.493	2.100	2.280	141	92
5.	Odisha	1.229	1.856	2.098	151	88
6.	Gujarat	1.118	0.627	1.294	56	48
7.	Telangana	1.101	0.731	0.893	66	82
8.	Uttar Pradesh	0.410	0.630	0.450	154	140
9.	Tamil Nadu	0.284	0.220	0.278	78	79
10.	Andhra Pradesh	0.255	0.120	0.180	47	67
	Others	0.664	0.792	0.813	119	97
	All India	24.928	34.661	32.235	139	108

V. Kulthi

(Unit : Area Lha)

S.No	States	Normal Area	Area Covered		% Coverage	
			2018	2017	Normal	Last year
1.	Karnataka	0.544	0.310	0.720	57	43
2.	Chhattisgarh	0.445	0.316	0.348	71	91
3.	Odisha	0.392		0.000	0	
4.	Jharkhand	0.241	0.089	0.137	37	65
5.	Madhya Pradesh	0.161	0.150	0.160	93	94
6.	Uttarakhand	0.136	0.180	0.170	132	106
7.	Andhra Pradesh	0.120	0.120	0.220	100	55
8.	Tamil Nadu	0.114	0.015	0.039	13	38
9.	Bihar	0.081		0.000	0	
10.	Himachal Pradesh	0.014		0.000	0	
	Others	0.016	0.003	0.001	17	390
	All India	2.264	1.183	1.794	52	66

VI. Other Kharif Pulses

(Unit : Area Lha)

S.No	States	Normal Area	Area Covered		% Coverage	
			2018	2017	Normal	Last year
1.	Rajasthan	11.002	11.889	11.368	108	105
2.	Karnataka	1.172	1.150	1.570	98	73
3.	Maharashtra	0.904	0.873	0.860	97	101
4.	Odisha	0.800	1.073	1.057	134	102
5.	Tamil Nadu	0.755	0.351	0.509	46	69
6.	Gujarat	0.304	0.173	0.343	57	51
7.	Uttarakhand	0.135	0.180	0.150	133	120
8.	Jammu & Kashmir	0.123	0.181	0.190	147	95
9.	Nagaland	0.111		0.000	0	
10.	Andhra Pradesh	0.089	0.080	0.080	90	100
	Others	0.441	1.015	1.001	230	101
	All India	15.836	16.965	17.128	107	99

(Normal - DES Ave.: 2012-13 to 2016-17)

4.9 Assigned States: Summary Status: Kharif Crops-2018

III. Madhya Pradesh

(Area: Lakh ha)

S.No.	Crop	Target-2018 (SDA)	Normal Area	Area Covered (SDA)		% coverage over	
				2018	2017	Normal	Target
1	Rice	22.50	20.499	21.650	20.230	106	96
2	Sorghum	2.75	2.368	2.510	2.700	106	91
3	Bajra	3.15	2.303	2.560	3.100	111	81
4	Small Milletes	1.80	1.926	1.800	1.440	93	100
5	Maize	13.50	10.413	13.610	13.170	131	101
Total Cereals		43.70	37.509	42.130	40.640	112	96
6	Red Gram	7.10	5.569	6.350	6.470	114	89
7	Black Gram	18.10	8.379	16.520	17.890	197	91
8	Green Gram	2.50	1.493	2.100	2.280	141	84
9	Other Kharif Pulses	0.35	0.218	0.150	0.160	69	43
Total Pulses		28.05	15.659	25.120	26.800	160	90
10	Groundnut	2.60	2.269	2.350	2.180	104	90
11	Soybean	46.05	58.451	53.180	50.100	91	115
12	Sunflower	0.03	0.004		0.000	0	0
13	Sesame	4.30	3.371	4.400	4.240	131	102
14	Other Kharif Oilseeds	0.95	0.766	0.550	0.790	72	58
Total Oilseed		53.93	64.861	60.480	57.310	93	112
15	Cotton	6.28	5.662	6.970	6.030	123	111
16	Jute & Mesta	0.00	0.061		0.000	0	0
Total Kharif Crops		131.96	123.75	134.70	130.78	109	102

Normal Area- DES (Ave. 2012-13to 2016-17)

IV. Chhattisgarh

(Area: Lakh ha)

S.No.	Crop	Target-2018 (SDA)	Normal Area	Area Covered (SDA)		% coverage over	
				2018	2017	Normal	Target
1	Rice	36.73	38.083	37.542	37.115	99	102
2	Sorghum	0.00	0.051		0.000		
3	Bajra	0.00	0.001		0.000		
4	Small Milletes	0.85	1.180	0.723	0.793	61	85
5	Maize	2.30	1.150	2.270	2.268	197	99
Total Cereals		39.88	40.465	40.535	40.176	100	102
6	Red Gram	1.52	0.573	1.361	1.364	238	90
7	Black Gram	1.67	0.932	1.605	1.644	172	96
8	Green Gram	0.29	0.093	0.259	0.243	278	89
9	Other Kharif Pulses	0.39	0.475	0.316	0.348	67	81
Total Kharif Pulses		3.87	2.073	3.540	3.599	171	91
10	Groundnut	0.61	0.258	0.598	0.550	232	98
11	Soybean	1.36	1.085	1.291	1.242	119	95
12	Sunflower	0.00	0.005		0.000	0	0
13	Sesame	0.38	0.186	0.350	0.338	188	92
14	Other Kharif Oilseeds	0.67	0.641	0.657	0.659	102	98
Total Oilseed		3.02	2.175	2.895	2.788	133	96
15	Others	1.43	0.01	1.439	1.420		101
Total Kharif Crops		48.20	44.73	48.410	47.982	108	100

Normal Area- DES (Ave. 2012-13to 2016-17)

I. Madhya Pradesh

- The state's normal Kharif crop area is 123.75 lakh ha. The current Kharif target are kept at 131.96 lakh ha.
- As on date 134.70 lakh ha area has been reported as sown which is about 4 lakh ha more than the corresponding week of Kharif 2017.
- State has achieved their total Kharif normal area 123.75 Lakh ha (109%) as well as targeted area of 131.96 Lakh ha (102%) under total kharif crops.
- The current year sowing is more than the last year sowing of 3.92 Lha during the same period. However, the shortfall observed in urd 1.37 lakh ha followed by bajra 0.54 lakh ha, sorghum 0.19 lakh ha and arhar 0.12 lakh ha in comparison to last year owing to diversion of area in to soybean, maize and cotton crop.
- Paddy is at reproductive stage and arhar is in vegetative stage.
- Soybean, urd and maize are being harvested and threshing is going on.

II Chhattisgarh

- The state's normal Kharif area is 44.73 Lakh ha. The target for Kharif 2018 is 48.20 lakh ha.
- As on date, 48.41 lakh ha area has been reported as sown, which is 0.43 Lha more to the corresponding week of the Kharif 2017.
- The total Kharif sowing is 48.41 lakh ha which is 108% of normal area (44.73 Lakh ha) and 100% of state targets (48.20 Lakh ha). The total Kharif sowing is quite high (0.43 Lakh ha) during the corresponding period of last year.
- Soybean, urd and mung are being harvested in some parts. Paddy crop is at flowering to maturity stage. Early sown paddy is being harvested.
- Overall crop/input situation is normal.

4.10 Estimated Crop sowing Position: 2018-19

As on 30/12/2018

Unit: 000 hectare

District	Wheat			Barley & Others			Total Cereals		
	Target	Sowing	%	Target	Sowing	%	Target	Sowing	%
Jabalpur	133.86	123.62	92	0.11			133.97	123.62	92
Katni	108.46	93.00	86	0.17	0.20	118	108.63	93.20	86
Balaghat	37.36	32.50	87	0.10			37.46	32.50	87
Chhindwada	181.86	179.12	98				181.86	179.12	98
Seoni	152.76	149.20	98				152.76	149.20	98
Mandla	51.26	46.00	90				51.26	46.00	90
Dindori	50.76	48.00	95	0.10			50.86	48.00	94
Narsinghpur	101.76	97.00	95				101.76	97.00	95
Jbp Div.	818.08	768.44	741	0.48	0.20	42	818.56	768.64	94
Sagar	204.16	201.36	99	1.94	0.80	41	206.10	202.16	98
Damoh	97.36	92.00	94	1.13	0.10	9	98.49	92.10	94
Panna	79.66	72.00	90	4.63	5.50	119	84.29	77.50	92
Tikamgarh	151.86	142.00	94	7.28	7.55	104	159.14	149.55	94
Chhatarpur	211.26	201.00	95	10.32	17.60	171	221.58	218.60	99
Sag Div.	744.30	708.36	472	25.30	31.55	125	769.60	739.91	96
Rewa	197.49	187.00	95	4.59	1.80	39	202.08	188.80	93
Sidhi	72.61	68.00	94	3.60	3.00	83	76.21	71.00	93
Singroli	50.41	47.00	93	12.65	15.50	123	63.06	62.50	99
Satna	173.26	161.00	93	10.29	9.00	87	183.55	170.00	93
Rewa Div.	493.77	463.00	374	31.13	29.30	94	524.90	492.30	94
Shahdol	55.36	51.00	92	0.10	1.80	1800	55.46	52.80	95
Anuppur	29.34	27.00	92	0.00	0.07		29.34	27.07	92
Umaria	28.56	27.62	97	0.08	0.20	250	28.64	27.82	97
Shah Div.	113.26	105.62	281	0.18	2.07	1150	113.44	107.69	95
Indore	133.56	119.00	89	0.12	0.16	133	133.68	119.16	89
Dhar	226.96	211.00	93	0.12	12.50	10331	227.08	223.50	98
Jhabua	49.96	46.00	92	0.10	2.50	2500	50.06	48.50	97
Khargone	152.76	151.00	99	0.10	8.20	8200	152.86	159.20	104
Barwani	45.56	43.20	95	5.95	5.90	99	51.51	49.10	95
Khandwa	136.57	128.00	94	0.13	1.70	1308	136.70	129.70	95
Burhanpur	12.41	10.10	81	0.16	3.00	1875	12.57	13.10	104
Alirajpur	24.06	19.40	81	0.11	10.10	9182	24.17	29.50	122
Ind Div.	781.84	727.70	724	6.79	44.06	649	788.63	771.76	98
Ujjain	273.21	253.00	93	0.00	0.04		273.21	253.04	93
Mandsaur	99.46	92.00	92	0.00	0.00		99.46	92.00	92
Neemuch	52.26	50.00	96	0.09	1.80	2000	52.35	51.80	99
Ratlam	110.76	105.20	95	0.16	0.08	50	110.92	105.28	95
Dewas	178.61	157.00	88	0.16		0	178.77	157.00	88
Shajapur	138.26	120.00	87	0.12		0	138.38	120.00	87
Aagar	52.46	42.00	80	0.13	0.03	23	52.59	42.03	80
Ujn Div.	905.02	819.20	631	0.66	1.95	295	905.68	821.15	91
Morena.	118.98	102.00	86	0.12	1.40	1167	119.10	103.40	87
Sheopurkala	86.76	82.00	95	0.15	0.60	400	86.91	82.60	95
Bhind	147.26	120.00	81	7.06	1.80	25	154.32	121.80	79
Mrn Div.	353.00	304.00	262	7.33	3.80	52	360.33	307.80	85
Gwalior	148.39	131.00	88	0.16	0.50	313	148.55	131.50	89
Shivpuri	172.66	151.00	87	3.87	2.80	72	176.53	153.80	87
Guna	138.66	123.10	89	0.16	0.30	188	138.82	123.40	89
Ashoknagar	161.04	129.00	80	1.72	0.30	17	162.76	129.30	79
Datia	148.66	122.20	82	3.78	0.60	16	152.44	122.80	81
Gwl Div.	769.41	656.30	427	9.69	4.50	46	779.10	660.80	85
Bhopal	88.76	86.20	97	0.00	7.00		88.76	93.20	105
Sehore	252.46	215.00	85	0.00			252.46	215.00	85
Raisen	237.87	217.60	91	0.12	0.08	67	237.99	217.68	91
Vidisha	283.17	230.70	81	0.12	0.20	164	283.29	230.90	82
Rajgarh	162.46	155.30	96	0.17		0	162.63	155.30	95
Bpl Div.	1024.72	904.80	451	0.41	7.28	1771	1025.13	912.08	89
Hoshangabad	262.26	217.00	83	0.09		0	262.35	217.00	83
Harda	143.76	105.00	73	3.01		0	146.77	105.00	72
Betul	130.58	121.00	93	0.10	0.00	0	130.68	121.00	93
Hbd Div.	536.60	443.00	248	3.20	0.00	0	539.80	443.00	82
Total M.P.	6540.00	5900.42	90	85.17	124.71	146	6625.17	6025.13	91

District	Gram			Peas			Lentil		
	Target	Sowing	%	Target	Sowing	%	Target	Sowing	%
Jabalpur	98.98	58.00	59	28.43	23.60	83	23.15	17.80	77
Katni	58.98	44.00	75	14.93	4.10	27	13.05	12.60	97
Balaghat	44.93	33.14	74	5.93	2.00	34	1.57	0.50	32
Chhindwada	111.98	56.00	50	21.73	4.40	20	4.75	1.60	34
Seoni	49.58	32.00	65	25.93	10.00	39	20.25	15.00	74
Mandla	36.98	16.00	43	30.93	25.00	81	23.55	21.90	93
Dindori	31.98	24.00	75	29.83	9.60	32	37.55	38.30	102
Narsinghpur	105.18	80.00	76	24.13	110.00	456	42.65	31.20	73
Jbp Div.	538.59	343.14	64	181.84	188.70	104	166.52	138.90	83
Sagar	181.98	169.00	93	18.57	16.00	86	46.85	35.00	75
Damoh	178.48	175.00	98	17.93	16.90	94	25.15	24.78	99
Panna	101.18	98.00	97	18.33	13.00	71	23.65	25.00	106
Tikamgarh	26.18	25.00	95	6.43	8.00	124	3.45	1.60	46
Chhatarpur	94.58	76.00	80	23.03	13.00	56	10.30	4.60	45
Sag Div.	582.40	543.00	93	84.29	66.90	79	109.40	90.98	83
Rewa	71.98	60.00	83	4.55	1.36	30	39.15	35.00	89
Sidhi	42.38	38.00	90	5.83	1.50	26	8.45	7.70	91
Singroli	36.98	32.00	87	5.23	2.20	42	6.45	6.00	93
Satna	126.98	97.00	76	9.13	10.10	111	54.55	39.00	71
Rewa Div.	278.32	227.00	82	24.74	15.16	61	108.60	87.70	81
Shahdol	6.98	19.50	279	4.93	2.20	45	5.85	3.95	68
Anuppur	21.98	18.00	82	4.43	1.90	43	12.95	15.50	120
Umaria	24.98	21.00	84	5.03	3.00	60	9.70	4.60	47
Shah Div.	53.94	58.50	108	14.39	7.10	49	28.50	24.05	84
Indore	82.08	86.40	105	3.79	2.00	53	0.55	0.50	91
Dhar	106.98	126.00	118	6.03	4.00	66	0.55	0.96	175
Jhabua	32.85	29.00	88	3.03		0	0.55		
Khargone	42.48	82.50	194	2.97	0.09	3	0.55		
Barwani	12.98	11.00	85	2.94		0	0.55		
Khandwa	41.98	38.00	91	3.17	0.40	13	0.55	0.30	55
Burhanpur	14.38	18.00	125	2.93		0	0.55		
Alirajpur	18.68	16.00	86	3.00		0	0.55		
Ind Div.	352.41	406.90	115	27.85	6.49	23	4.40	1.76	40
Ujjain	110.98	148.00	133	10.03	13.50	135	0.55	1.96	356
Mandsaur	61.98	60.00	97	8.73	4.00	46	11.45	9.69	85
Neemuch	41.98	41.00	98	3.06	2.00	65	0.55	1.15	209
Ratlam	102.38	103.00	101	7.73	5.00	65	0.55	1.50	273
Dewas	118.98	185.20	156	4.43	0.38	9	0.55	0.40	73
Shajapur	76.98	76.00	99	5.03	1.10	22	17.15	16.00	93
Aagar	61.98	53.00	86	4.13	0.60	15	0.55	8.00	1455
Ujn Div.	575.26	666.20	116	43.14	26.58	62	31.35	38.70	123
Morena.	18.78	17.00	91	3.49	0.56	16	0.80	0.30	38
Sheopurkala	27.08	23.00	85	2.99	0.39	13	0.55	0.20	36
Bhind	33.78	29.00	86	10.44	3.10	30	6.55	2.60	40
Mrn Div.	79.64	69.00	87	16.92	4.05	24	7.90	3.10	39
Gwalior	39.98	31.00	78	7.83	3.80	49	0.55	0.20	36
Shivpuri	93.48	81.00	87	9.83	2.10	21	5.65	4.20	74
Guna	89.48	75.00	84	7.43	1.10	15	1.55	0.60	39
Ashoknagar	119.19	108.80	91	7.03	1.80	26	17.05	13.60	80
Datia	46.98	46.00	98	14.99	18.30	122	3.45	29.00	841
Gwl Div.	389.11	341.80	88	47.11	27.10	58	28.25	47.60	168
Bhopal	42.38	35.00	83	7.73	4.00	52	3.75	0.80	21
Sehore	110.98	97.50	88	7.13	1.50	21	4.75	4.70	99
Raisen	126.98	121.00	95	9.83	7.20	73	30.59	27.00	88
Vidisha	177.06	210.90	119	8.43	7.00	451	39.55	38.00	96
Rajgarh	106.98	110.80	104	8.93	4.00	45	34.89	51.20	147
Bpl Div.	564.38	575.20	102	42.05	23.70	56	113.53	121.70	107
Hoshangabad	97.98	79.00	81	6.13	1.10	18	0.55	3.40	618
Harda	68.98	66.00	96	4.03		0	0.55	1.00	182
Betul	68.98	56.00	81	7.58	2.20	29	0.55	1.30	236
Hbd Div.	235.94	201.00	85	17.74	3.30	19	1.65	5.70	345
Total M.P.	3649.99	3431.74	94	500.06	369.08	74	600.10	560.19	93

District	Teora & Others			Total Pulses			Total Foodgrain		
	Target	Sowing	%	Target	Sowing	%	Target	Sowing	%
Jabalpur		2.00		150.56	101.40	67	284.53	225.02	79
Katni				86.96	60.70	70	195.59	153.90	79
Balaghat	11.70	23.80	203	64.14	59.44	93	101.60	91.94	90
Chhindwada	0.43	6.60	1549	138.89	68.60	49	320.75	247.72	77
Seoni	6.40	5.20	81	102.16	62.20	61	254.92	211.40	83
Mandla	2.10	1.00	48	93.56	63.90	68	144.82	109.90	76
Dindori	0.07			99.43	71.90	72	150.29	119.90	80
Narsinghpur	0.59			172.55	221.20	128	274.31	318.20	116
Jabalpur Division	21.29	38.60	181	908.24	709.34	78	1726.80	1477.98	86
Sagar	6.36	5.70	90	253.75	225.70	89	459.85	427.86	93
Damoh	0.55	1.10	199	222.11	217.78	98	320.60	309.88	97
Panna	0.45			143.61	136.00	95	227.90	213.50	94
Tikamgarh	0.02	0.66	3000	36.08	35.26	98	195.23	184.81	95
Chhatarpur	0.37			128.28	93.60	73	349.86	312.20	89
Sagar Division	7.75	7.46	96	783.83	708.34	90	1553.43	1448.25	93
Rewa	2.33			118.01	96.36	82	320.09	285.16	89
Sidhi	0.59			57.25	47.20	82	133.46	118.20	89
Singroli	0.06			48.72	40.20	83	111.78	102.70	92
Satna				190.66	146.10	77	374.21	316.10	84
Rewa Division	2.98	0.00		414.64	329.86	80	939.54	822.16	88
Shahdol	0.08			17.84	25.65	144	73.30	78.45	107
Anuppur	0.53	0.17	32	39.89	35.57	89	69.23	62.64	90
Umaria	1.10			40.81	28.60	70	69.45	56.42	81
Shahdol Division	1.72	0.17	10	98.55	89.82	91	211.99	197.51	93
Indore				86.42	88.90	103	220.10	208.06	95
Dhar				113.56	130.96	115	340.64	354.46	104
Jhabua				36.43	29.00	80	86.49	77.50	90
Khargone	0.65			46.65	82.59	177	199.51	241.79	121
Barwani	0.41			16.88	11.00	65	68.39	60.10	88
Khandwa	0.39			46.09	38.70	84	182.78	168.40	92
Burhanpur	0.30			18.16	18.00	99	30.73	31.10	101
Alirajpur				22.23	16.00	72	46.40	45.50	98
Indore Division	1.75	0.00		386.41	415.15	107	1175.04	1186.91	101
Ujjain				121.56	163.46	134	394.77	416.50	106
Mandsaur				82.16	73.69	90	181.62	165.69	91
Neemuch				45.59	44.15	97	97.94	95.95	98
Ratlam				110.66	109.50	99	221.58	214.78	97
Dewas				123.96	185.98	150	302.73	342.98	113
Shajapur				99.16	93.10	94	237.54	213.10	90
Agar				66.66	61.60	92	119.25	103.63	87
Ujjain Division		0.00		649.75	731.48	113	1555.43	1552.63	100
Morena.				23.07	17.86	77	142.17	121.26	85
Sheopurkala				30.62	23.59	77	117.53	106.19	90
Bhind		0.13		50.77	34.83	69	205.09	156.63	76
Morena Division		0.13		104.46	76.28	73	464.79	384.08	83
Gwalior				48.36	35.00	72	196.91	166.50	85
Shivpuri				108.96	87.30	80	285.49	241.10	84
Guna				98.46	76.70	78	237.28	200.10	84
Ashoknagar	0.18			143.45	124.20	87	306.21	253.50	83
Datia	0.04			65.46	93.30	143	217.90	216.10	99
Gwalior Division	0.22	0.00		464.69	416.50	90	1243.79	1077.30	87
Bhopal	0.61			54.47	39.80	73	143.23	133.00	93
Sehore				122.86	103.70	84	375.32	318.70	85
Raisen	5.07	6.48	128	172.47	161.68	94	410.46	379.36	92
Vidisha	8.07	12.10	150	233.11	268.00	115	516.40	498.90	97
Rajgarh	0.00			150.80	166.00	110	313.43	321.30	103
Bhopal Div.	13.76	18.58	135	733.72	739.18	101	1758.85	1651.26	94
Hoshangabad				104.66	83.50	80	367.01	300.50	82
Harda	0.63			74.19	67.00	90	220.96	172.00	78
Betul				77.11	59.50	77	207.79	180.50	87
Hoshangabad Div.	0.63			255.96	210.00	82	795.76	653.00	82
Total M.P.	50.09	64.94	130	4800.25	4425.95	92	11425.42	10451.08	91

District	Rapeseed & Mustard			Linseed & Others			Total Oilseeds		
	Target	Sowing	%	Target	Sowing	%	Target	Sowing	%
Jabalpur	4.75	5.60	118	2.58	1.30	50	7.33	6.90	94
Katni	3.30	4.10	124	5.34	3.03	57	8.64	7.13	82
Balaghat	8.29	21.50	259	22.37	21.30	95	30.66	42.80	140
Chhindwada	1.65	1.40	85	4.26	0.50	12	5.91	1.90	32
Seoni	2.06	0.60	29	10.58	6.00	57	12.64	6.60	52
Mandla	18.07	16.80	93	9.59	6.00	63	27.66	22.80	82
Dindori	26.54	18.50	70	15.54	6.70	43	42.08	25.20	60
Narsinghpur	0.80	0.50	63	1.10	0.10	9	1.90	0.60	32
Jbp Div.	65.46	69.00	105	71.36	44.93	63	136.82	113.93	83
Sagar	1.36	2.20	162	2.24	2.00	89	3.60	4.20	117
Damoh	1.40	1.50	107	2.11	0.45	21	3.52	1.95	55
Panna	6.86	10.60	154	2.24	0.20	9	9.10	10.80	119
Tikamgarh	28.86	20.67	72	1.36	0.07	5	30.21	20.74	69
Chhatarpur	22.38	19.70	88	18.21	6.03	33	40.59	25.73	63
Sag Div.	60.86	54.67	90	26.16	8.75	33	87.02	63.42	73
Rewa	6.41	12.61	197	14.48	12.03	83	20.89	24.64	118
Sidhi	7.55	6.60	87	12.96	11.00	85	20.51	17.60	86
Singroli	9.15	12.00	131	7.44	6.70	90	16.59	18.70	113
Satna	4.19	9.30	222	3.46	18.20	526	7.65	27.50	359
Rewa Div.	27.31	40.51	148	38.34	47.93	125	65.65	88.44	135
Shahdol	9.75	8.40	86	5.87	6.80	116	15.62	15.20	97
Anuppur	10.11	7.52	74	5.29	5.06	96	15.40	12.58	82
Umaria	10.77	2.95	27	5.65	1.90	34	16.42	4.85	30
Shah Div.	30.62	18.87	62	16.81	13.76	82	47.43	32.63	69
Indore	0.81	0.00	0	0.00		0	0.81	0.00	0
Dhar	0.98	0.60	61	1.26	0.10	8	2.25	0.70	31
Jhabua	0.75		0	0.00			0.75	0.00	0
Khargone	0.75	0.01	1	9.24		0	9.99	0.01	0
Barwani	0.75	8.10	1080	0.09	0.40	435	0.84	8.50	1010
Khandwa	0.81		0	0.02	0.04	229	0.83	0.04	5
Burhanpur	0.75	0.10	13	0.00			0.75	0.10	13
Alirajpur	0.77		0	0.00			0.77	0.00	0
Ind Div.	6.37	8.81	138	10.62	0.54	5	16.99	9.35	55
Ujjain	1.86	3.28	177	0.02	0.40	2381	1.87	3.68	196
Mandsaur	35.47	38.62	109	6.80	10.90	160	42.27	49.52	117
Neemuch	27.70	18.84	68	1.75	1.20	68	29.45	20.04	68
Ratlam	7.50	9.50	127	2.26	1.06	47	9.76	10.56	108
Dewas	1.55	0.91	59	1.41	0.18	13	2.96	1.09	37
Shajapur	7.17	4.50	63	0.00	0.47		7.17	4.97	69
Agar	0.75	11.76	1568	0.00	0.16		0.75	11.92	1589
Ujn Div.	82.00	87.41	107	12.23	14.37	117	94.23	101.78	108
Morena.	154.95	151.70	98	0.49	7.50	1531	155.44	159.20	102
Sheopurkala	45.73	37.86	83	1.24	8.40	677	46.97	46.26	98
Bhind	180.61	167.90	93	0.41	2.70	662	181.02	170.60	94
Mrn Div.	381.29	357.46	94	2.14	18.60	869	383.43	376.06	98
Gwalior	48.44	35.80	74	1.52	0.10	7	49.97	35.90	72
Shivpuri	58.10	55.40	95	1.51	0.06	4	59.61	55.46	93
Guna	4.53	10.70	236	1.18	0.10	8	5.71	10.80	189
Ashoknagar	5.47	8.90	163	0.14	0.40	286	5.61	9.30	166
Datia	17.86	16.04	90	0.10	0.20	200	17.96	16.24	90
Gwl Div.	134.40	126.84	94	4.46	0.86	19	138.85	127.70	92
Bhopal	0.77	0.12	16	0.17	0.01	6	0.94	0.13	14
Sehore	0.81	0.08	10	1.25	0.04	3	2.06	0.12	6
Raisen	1.25	2.34	187	2.23	0.50	22	3.48	2.84	82
Vidisha	1.15	0.37	32	0.06	0.08	133	1.21	0.45	37
Rajgarh	4.75	8.20	173	0.00	0.04		4.75	8.24	173
Bpl Div.	8.73	11.11	127	3.71	0.67	18	12.44	11.78	95
Hoshangabad	1.05	1.55	147	0.50	0.40	80	1.55	1.95	126
Harda	0.95	1.00	105	2.01	0.50	25	2.96	1.50	51
Betul	1.16	1.20	103	2.36	0.40	17	3.52	1.60	45
Hbd Div.	3.16	3.75	119	4.87	1.30	27	8.04	5.05	63
Total M.P.	800.20	778.43	97	190.70	151.71	80	990.90	930.15	94

District	Sugarcane			Total Rabi Crops Sown Area		
	Target	Sowing	%	Target	Sowing	%
Jabalpur	2.70	2.30	85	294.56	234.22	80
Katni	0.01		0	204.25	161.03	79
Balaghat	0.90	2.10	233	133.16	136.84	103
Chhindwada	4.00	9.10	228	330.66	258.72	78
Seoni	0.00		#DIV/0!	267.55	218.00	81
Mandla	2.00	3.00	150	174.48	135.70	78
Dindori	0.02		0	192.39	145.10	75
Narsinghpur	52.20	54.10	104	328.41	372.90	114
Jbp Div.	61.83	70.60	114	1925.45	1662.51	86
Sagar	0.12	0.25	212	463.57	432.31	93
Damoh	0.80	0.60	75	324.92	312.43	96
Panna	0.20	0.30	150	237.20	224.60	95
Tikamgarh	1.30	2.60	200	226.74	208.15	92
Chhatarpur	0.13	0.20	155	390.58	338.13	87
Sag Div.	2.55	3.95	155	1643.00	1515.62	92
Rewa	0.02		0	341.00	309.80	91
Sidhi	0.03		0	154.00	135.80	88
Singroli	0.03		0	128.40	121.40	95
Satna	0.04		0	381.91	343.60	90
Rewa Div.	0.11	0.00	0	1005.30	910.60	91
Shahdol	0.01		0	88.93	93.65	105
Anuppur	0.01		0	84.64	75.22	89
Umaria	0.02		0	85.89	61.27	71
Shah Div.	0.04	0.00	0	259.46	230.14	89
Indore	0.03	0.03	94	220.95	208.09	94
Dhar	3.05	5.30	174	345.94	360.46	104
Jhabua	0.03		0	87.28	77.50	89
Khargone	9.49	7.00	74	218.99	248.80	114
Barwani	0.30	1.80	600	69.53	70.40	101
Khandwa	0.12	0.30	256	183.72	168.74	92
Burhanpur	4.47	6.10	137	35.95	37.30	104
Alirajpur	0.04		0	47.20	45.50	96
Ind Div.	17.53	20.53	117	1209.55	1216.79	101
Ujjain	0.01		0	396.65	420.18	106
Mandsaur	0.22		0	224.11	215.21	96
Neemuch	0.35		0	127.74	115.99	91
Ratlam	0.04		0	231.37	225.34	97
Dewas	0.08		0	305.77	344.07	113
Shajapur	0.04		0	244.75	218.07	89
Agar	0.02		0	120.02	115.55	96
Ujn Div.	0.75	0.00	0	1650.42	1654.41	100
Morena.	0.50		0	298.11	280.46	94
Sheopurkala	0.03		0	164.53	152.45	93
Bhind	0.04		0	386.15	327.23	85
Mrn Div.	0.57	0.00	0	848.78	760.14	90
Gwalior	1.30	3.70	285	248.18	206.10	83
Shivpuri	0.80	0.50	63	345.90	297.06	86
Guna	0.64	0.30	47	243.63	211.20	87
Ashoknagar	0.40	0.70	175	312.22	263.50	84
Datia	5.40	6.70	124	241.26	239.04	99
Gwl Div.	8.54	11.90	139	1391.19	1216.90	87
Bhopal	0.04	0.04	95	144.21	133.17	92
Sehore	0.36		0	377.74	318.82	84
Raisen	0.69	1.24	180	414.63	383.44	92
Vidisha	0.17	0.09	53	517.78	499.44	96
Rajgarh	0.22	0.20	91	318.40	329.74	104
Bpl Div.	1.48	1.57	106	1772.77	1664.61	94
Hoshangabad	4.50	4.70	104	373.06	307.15	82
Harda	1.60	1.00	63	225.52	174.50	77
Betul	4.60	4.20	91	215.91	186.30	86
Hbd Div.	10.70	9.90	93	814.50	667.95	82
Total M.P.	104.10	118.45	114	12520.42	11499.68	92

Districts	Normal Area (Total)	Total Rabi Crops Sown Area	Last Year's Corresponding Period	This Year's Target	% Sowing From Corresponding Period		
					Normal	Last Year	Target
Jabalpur	250.1	234.2	266.6	294.6	94	88	80
Katni	165.0	161.0	162.1	204.2	98	99	79
Balaghat	86.6	136.8	149.1	133.2	158	92	103
Chhindwada	241.0	258.7	221.6	330.7	107	117	78
Seoni	223.6	218.0	167.1	267.6	97	130	81
Mandla	129.8	135.7	115.6	174.5	105	117	78
Dindori	147.6	145.1	123.5	192.4	98	117	75
Narsinghpur	276.8	372.9	306.1	328.4	135	122	114
Jbp Div.	1520.5	1662.5	1511.7	1925.4	109	91	86
Sagar	423.6	432.3	451.8	463.6	102	96	93
Damoh	266.1	312.4	308.2	324.9	117	101	96
Panna	223.9	224.6	191.7	237.2	100	117	95
Tikamgarh	192.3	208.2	74.5	226.7	108	279	92
Chhatarpur	292.9	338.1	128.9	390.6	115	262	87
Sag Div.	1398.8	1515.6	1155.0	1643.0	108	76	92
Rewa	307.3	309.8	264.8	341.0	101	117	91
Sidhi	120.0	135.8	126.1	154.0	113	108	88
Singroli	97.8	121.4	105.1	128.4	124	116	95
Satna	313.3	343.6	353.6	381.9	110	97	90
Rewa Div.	838.4	910.6	849.5	1005.3	109	93	91
Shahdol	69.8	93.7	67.6	88.9	134	139	105
Anuppur	60.8	75.2	52.7	84.6	124	143	89
Umaria	62.3	61.3	52.1	85.9	98	118	71
Shah Div.	192.9	230.1	172.4	259.5	119	75	89
Indore	197.1	208.1	184.7	220.9	106	113	94
Dhar	311.4	360.5	332.4	345.9	116	108	104
Jhabua	67.2	77.5	69.7	87.3	115	111	89
Khargone	130.3	248.8	206.7	219.0	191	120	114
Barwani	81.3	70.4	57.1	69.5	87	123	101
Khandwa	110.5	168.7	183.1	183.7	153	92	92
Burhanpur	32.3	37.3	32.5	35.9	115	115	104
Alirajpur	73.4	45.5	37.3	47.2	62	122	96
Ind Div.	1003.5	1216.8	1103.5	1209.6	121	91	101
Ujjain	371.0	420.2	372.1	396.7	113	113	106
Mandsaur	189.4	215.2	202.9	224.1	114	106	96
Neemuch	102.2	116.0	91.8	127.7	114	126	91
Ratlam	194.7	225.3	205.4	231.4	116	110	97
Dewas	307.1	344.1	284.6	305.8	112	121	113
Shajapur	232.2	218.1	184.0	244.8	94	119	89
Agar	65.6	115.6	113.9	120.0		101	96
Ujn Div.	1462.1	1654.4	1454.6	1650.4	113	88	100
Morena	265.7	280.5	261.7	298.1	106	107	94
Sheopurkala	143.5	152.5	80.3	164.5	106	190	93
Bhind	314.5	327.2	317.3	386.1	104	103	85
Mrn Div.	723.8	760.1	659.3	848.8	105	87	90
Gwalior	199.6	206.1	152.1	248.2	103	136	83
Shivpuri	305.8	297.1	220.7	345.9	97	135	86
Guna	210.9	211.2	224.6	243.6	100	94	87
Ashoknagar	279.1	263.5	275.6	312.2	94	96	84
Datia	241.7	239.0	196.5	241.3	99	122	99
Gwl Div.	1237.1	1216.9	1069.5	1391.2	98	88	87
Bhopal	130.5	133.2	119.0	144.2	102	112	92
Sehore	352.9	318.8	326.2	377.7	90	98	84
Raisen	403.7	383.4	408.7	414.6	95	94	92
Vidisha	504.0	499.4	486.1	517.8	99	103	96
Rajgarh	301.2	329.7	287.2	318.4	109	115	104
Bpl Div.	1692.3	1664.6	1627.2	1772.8	98	98	94
Hoshangabad	306.8	307.2	323.6	373.1	100	95	82
Harda	194.2	174.5	183.9	225.5	90	95	77
Betul	203.9	186.3	157.0	215.9	91	119	86
Hbd Div.	704.8	668.0	664.5	814.5	6	6	82
Total M.P.	10774.1	11499.7	10267.1	12520.4	107	112	92

Chapter-5

Rainfall

5.1 State-wise Summary Rainfall (Period: 01.06.2018 to 30.09.2018) (Rainfall: MM)

S.No.	SUB-DIVISION/ UT./ STATE	Period:01.06.2018 To 30.09.2018			
		Actual	Normal	% DEP.	Cat.
Region : East And North East India					
1	Arunachal Pradesh	1198.4	1768.0	-32	D
2	Assam	1242.4	1523.4	-18	N
3	Meghalaya	1652.6	2786.8	-41	D
4	Nagaland	1161.7	1329.9	-13	N
5	Manipur	644.1	1404.5	-54	D
6	Mizoram	1931.9	1708.3	13	N
7	Tripura	1165.1	1489.1	-22	D
8	Sikkim	2150.2	1800.8	19	N
9	West Bengal	1102.0	1390.4	-21	D
10	Jharkhand	784.3	1091.9	-28	D
11	Bihar	770.8	1027.6	-25	D
Region : North West India					
1	Uttar Pradesh	764.5	846.1	-10	N
2	Uttarakhand	1194.3	1229.1	-3	N
3	Haryana	415.2	459.8	-10	N
4	Chandigarh (Ut)	993.3	844.2	18	N
5	Delhi (Ut)	630.4	636.2	-1	N
6	Punjab	527.4	491.9	7	N
7	Himachal Pradesh	917.3	825.3	11	N
8	Jammu &Kashmir	597.3	534.6	12	N
9	Rajasthan	393.6	419.0	-6	N
REGION : CENTRAL INDIA					
1	Odisha	1290.2	1149.9	12	N
2	Madhya Pradesh	873.1	952.3	-8	N
3	Gujarat	484.6	672.7	-28	D
4	Dadar & Nagar Haveli (Ut)	2057.3	2162.3	-5	N
5	Daman & Diu (Ut)	1586.9	1620.4	-2	N
6	Goa	2432.5	2970.3	-18	N
7	Maharashtra	925.8	1007.3	-8	N
8	Chhattisgarh	1101.5	1153.3	-4	N
Region : South Peninsula					
1	Andaman & Nicobar (Ut)	1569.2	1682.5	-7	N
2	Andhra Pradesh	443.1	504.4	-12	N
3	Telangana	741.1	759.2	-2	N
4	Tamil Nadu	290.7	317.0	-8	N
5	Pondicherry (Ut)	308.4	355.0	-13	N
6	Karnataka	781.4	832.2	-6	N
7	Kerala	2517.3	2039.6	23	E
8	Lakshadweep (Ut)	553.2	998.5	-45	D
COUNTRY		804.0	887.5	-9	

LE-Large Excess; LD- Large Deficient; E- Excess ; N- Normal; D- Deficient; NR-No Rains.

Category	Period:01.06.2018 To 30.09.2018
	No.of States
Large Excess	0
Excess	1
Normal	26
Deficient	9
Large Deficient (LD)	0
No Rain	0
No Data	0

5.2 Madhya Pradesh : Rainfall Position

(Period: 01.06.2018 to 30.09.2018)
(Unit: mm)

District	Rainfall		Deviation From Normal		Category
	Actual	Normal	M.M.	%	
Jabalpur	1055.3	1090.3	-35	-3	N
Katni	1053.5	1051.3	2	0	N
Balaghat	982.8	1334.6	-352	-26	D
Chhindwada	643.3	882.8	-240	-27	D
Seoni	779.5	1038.4	-259	-25	D
Mandla	1039.2	1245.8	-207	-17	N
Dindori	1028.4	1205.9	-178	-15	N
Narsinghpur	931.2	1067.1	-136	-13	N
Sagar	877.7	1088.1	-210	-19	N
Damoh	971.5	1071.0	-100	-9	N
Panna	884.0	1072.1	-188	-18	N
Tikamgarh	1289.4	853.2	436	51	E
Chhatarpur	887.0	985.0	-98	-10	N
Rewa	863.7	971.7	-108	-11	N
Sidhi	954.8	1016.4	-62	-6	N
Singroli	898.1	832.3	66	8	N
Satna	764.5	953.2	-189	-20	D
Shahdol	815.0	994.7	-180	-18	N
Anuppur	843.7	1174.8	-331	-28	D
Umaria	1363.6	1093.9	270	25	E
Indore	804.4	839.7	-35	-4	N
Dhar	681.0	826.8	-146	-18	N
Jhabua	774.4	745.3	29	4	N
Alirajpur	529.2	799.0	-270	-34	D
Khargone	706.8	758.5	-52	-7	N
Barwani	619.2	635.4	-16	-3	N
Khandwa	1036.9	850.8	186	22	E
Burhanpur	829.7	784.2	46	6	N
Ujjain	769.9	833.7	-64	-8	N
Mandsaur	877.9	780.0	98	13	N
Neemuch	1058.3	747.4	311	42	E
Ratlam	945.7	871.3	74	9	N

E- Excess ; N- Normal; D- Deficient

District	Rainfall		Deviation From Normal		Category
	Actual	Normal	M.M.	%	
Dewas	670.7	949.8	-279	-29	D
Shajapur	753.0	873.9	-121	-14	N
Aagar	820.0	873.9	-54	-6	N
Morena.	791.8	708.2	84	12	N
Sheopurkala	795.7	727.4	68	9	N
Bhind	916.7	685.5	231	34	E
Gwalior	735.1	790.6	-56	-7	N
Shivpuri	992.6	779.8	213	27	E
Guna	907.8	943.0	-35	-4	N
Ashoknagar	883.3	865.1	18	2	N
Datia	945.9	775.8	170	22	E
Bhopal	806.2	998.6	-192	-19	N
Sehore	876.8	1067.5	-191	-18	N
Raisen	1051.2	1114.8	-64	-6	N
Vidisha	908.0	1005.0	-97	-10	N
Rajgarh	801.6	890.2	-89	-10	N
Hoshangabad	1063.0	1289.1	-226	-18	N
Harda	770.1	1042.3	-272	-26	D
Betul	595.0	918.5	-324	-35	D
State	875.4	937.1	-62	-7	N

E- Excess ; N- Normal; D- Deficient

Excess Rainfall	(20% above)	07
Normal Rainfall	(+19, -19)	35
Deficient Rainfall	(-20, -59)	09
Scanty Rainfall	(-60 & above)	00
Total District		51

5.3 Chhattisgarh : Rainfall Position

(Period: 01.06.2018 to 30.09.2018)

Unit: mm

District	Actual	Normal	Dep (%)	Category
Balod	1092.5	1008.1	8	N
Baloda Bazar	987.8	1009.1	-2	N
Balrampur	738	1125.8	-34	D
Bastar	1239.6	1178.2	5	N
Bemetara	1251.4	994.1	26	E
Bijapur	1945.3	1352.3	44	E
Bilaspur	822.1	1066.7	-23	D
Dantewada	1208.9	1225.8	-1	N
Dhamtari	1083.3	1044	4	N
Durg	1011.6	1008.1	0	N
Gariaband	1065	1075	-1	N
Janjgir	839.2	1189.8	-29	D
Jashpur	1002.3	1329.8	-25	D
Kabirdham	744.1	876.8	-15	N
Kanker	1343.9	1153.6	16	N
Kondagaon	1018	1179.7	-14	N
Korba	1021.5	1350.1	-24	D
Koriya	919.3	1127.3	-18	N
Mahasamund	1013.1	1036.7	-2	N
Mungeli	868.8	1066.7	-19	N
Narayanpur	1376	1216.4	13	N
Raigarh	959.8	1126.9	-15	N
Raipur	1235.4	1037.1	19	N
Rajnandgaon	856.7	1024.2	-16	N
Sukma	1688.3	1130.7	49	E
Surajpur	1125	1134.7	-1	N
Surguja	1077.5	1271.1	-15	N
State	1102.60	1139.00	-3	N

LE- Large Excess; E-Excess; N-Normal; D-Deficient; LD-Large Deficient; NR-No Rain.

Category (Departure% Basis)	No. of Districts
Large Excess (>=60)	00
Excess (+ 20 TO +59)	03
Normal (+19 TO -19)	19
Deficient (-20 TO -59)	05
Large Deficient (-60 TO -99)	00
No Rain (-100)	00

Chapter-6

NFSM Seed Minikit

6.1 Seed Minikits Distribution: Kharif 2018

A. Summary of Minikits Distribution: Madhya Pradesh

(Qty. in Nos.)

Name of State	Crop	Varirty	Supply Agency	Quantity
Madhya Pradesh	Arhar	TJT-501	NSC	11000
		BDN-711		3000
		TJT-501	NAFED	4000
	Pulses Total			18000
	Soyabean	JS-9560	NSC	50000
		JS-9560	NAFED	20000
		JS-9560	HIL	20000
		RVS-2001-04	NAFED	28750
		JS-2034	NSC	2125
	Sesamum	GT-3	NSC	-
		RT-351	NAFED	7000
		RT-346	NAFED	5000
	Oilseeds Total			132875
	Grand Total			150875

6.1.1 Pulses Seed Minikits Allocation: Kharif 2018

i) Crop - Arhar

(Qty. in Nos.)

S. No.	Name of District	NSC		NAFED	Total
		TJT-501	BDN-711	TJT-501	
1	Jabalpur	250	50	100	400
2	Katni	150	100	100	350
3	Balaghat	200	100	100	400
4	Chhindwara	600	100	200	900
5	Seoni	200	100	100	400
6	Mandla	100	50	100	250
7	Narsinghpur	1150	100	300	1550
8	Sagar	200	100	100	400
9	Damoh	600	100	140	840
10	Panna	300	100	100	500
11	Chhatarpur	100	100	100	300
12	Rewa	800	50	200	1050
13	Sidhi	300	100	100	500
14	Singrauli	400	100	140	640
15	Satna	1000	100	140	1240

Contd.....
(Qty. in Nos.)

S. No.	Name of District	NSC		NAFED	Total
		TJT-501	BDN-711	TJT-501	
16	Anuppur	200	100	100	400
17	Umaria	300	100	100	500
18	Dhar	100	50	100	250
19	Jhabua	100	100	100	300
20	Khargone	300	100	100	500
21	Barwani	100	50	100	250
22	Khandwa	200	100	100	400
23	Burhanpur	150	50	100	300
24	Ujjain	100	100	100	300
25	Morena	500	50	140	690
26	Sheopurkala	100	50	100	250
27	Bhind	100	100	100	300
28	Bhopal	250	100	100	450
29	Sehore	250	100	100	450
30	Raisen	900	100	140	1140
31	Vidisha	100	100	100	300
32	Betul	400	100	100	600
33	Hoshangabad	400	100	100	600
34	Agar Malwa	100	100	100	300
Total		11000	3000	4000	18000

6.1.2 Oilseed Seed Minikits Allocation: Kharif 2018

ii) Crops- Soybean and Sesame

(Qty. in Nos.)

S. No.	Name of District	Soyabean					Sesamum		Total
		NSC		NAFED		HIL	NAFED		
		JS-9560	JS-2034	JS-9560	RVS-2001-04	JS-9560	RT-351	RT-346	
1	Jabalpur	200						450	650
2	Katni	100						350	450
3	Balaghat								0
4	Chhindwara	875						600	1475
5	Seoni	300						400	700
6	Mandla	100						500	600
7	Dendori	100						400	500
8	Narsinghpur	500						300	800
9	Sagar		200	6000	1000			600	7800
10	Damoh			500	500			400	1400
11	Panna			500	200			250	950
12	Tikamgarh			500	200			250	950
13	Chhatarpur		100	400	500			500	1500
14	Rewa	300					800		1100
15	Sidhi	150					400		550

S. No.	Name of District	Soyabean					Sesamum		Total
		NSC		NAFED		HIL	NAFED		
		JS-9560	JS-2034	JS-9560	RVS-2001-04	JS-9560	RT-351	RT-346	
16	Singrauli	100					250		350
17	Satna	500					700		1200
18	Shahdol	200					400		600
19	Anuppur	150					350		500
20	Umaria	100					250		350
21	Indore	3000	100		500	900			4500
22	Dhar	1400	100		2500	3200			7200
23	Jhabua		100	400		500			1000
24	Khargone			500	500				1000
25	Barwani		50		500	450			1000
26	Alirajpur		50	450					500
27	Khandwa		100	500	2000	1400	600		4600
28	Burhanpur					500			500
29	Ujjain	1000	100		3000	3100			7200
30	Mandsaur		150	3000	2350	500			6000
31	Neemuch		50	1400	1550	500			3500
32	Ratlam		50	2000	1200	750			4000
33	Dewas	3300	100		2100	1500			7000
34	Shajapur		100	2400	2200	1500			6200
35	Morena	250					600		850
36	Sheopurkala	200					250		450
37	Bhind	100					550		650
38	Gwalior	150					350		500
39	Shivpuri	3600					700		4300
40	Guna	4000							4000
41	Ashoknagar	3500							3500
42	Datia	700					250		950
43	Bhopal	1450	50						1500
44	Sehore	5000	100		1000	700			6800
45	Raisen		50		950	1000			2000
46	Vidisha	5000	100		1100	1000			7200
47	Betul	5000	100		900				6000
48	Rajgarh	4800	200		1500	1000	550		8050
49	Hoshangabad	1425	75		1000				2500
50	Harda	2450	50		1000				3500
51	Agar Malwa		50	1450	500	1500			3500
	Total	50000	2125	20000	28750	20000	7000	5000	132875

B. Summary of Seed Minikits Distribution: Chhattisgarh

(Qty. in Nos.)

Name of State	Crop	Varirty	Supply Agency	Quantity
Chhattisgarh	Arhar	TJT-501	NSC	4000
	Soyabean	JS-9560	NSC	30000
	Groundnut	Kadiri-9	NSC	2500
		Kadiri-9	NAFED	2500
	Groundnut Total			5000
	Sesamum	RT-351	NAFED	7500
	Rice	DRR Dhan 42 IR-64 (DRT1)	NSC	-
Grand Total				46500

6.1.3 Pulses and Oilseeds Seed Minikits Allocation: Kharif 2018

i) Crops - Tur, Soybean, Groundnut and Sesame

(Qty. in Nos.)

S. No.	Name of District	Tur	Soyabean	Groundnut	Sesamum		Total
		NSC			NAFED		
		TJT-501	JS-9560	KADIRI- 9	KADIRI-9	RT-351	
1	Balod	125				225	350
2	Baloda Bazar	175		150	150	375	850
3	Balrampur	200		150	150	375	875
4	Bastar	125			300	300	725
5	Bemetara	125	8400	150		150	8825
6	Bijapur	125			150	150	425
7	Bilaspur	125				150	275
8	Dantewada (South Bastar)	125				150	275
9	Dhamtari	125			150	225	
10	Durg	125	1200			225	500
11	Gariyaband	250		300	150	225	1550
12	Janjgir-Champa	125			150	225	500
13	Jashpur	125		150	250	150	675
14	Kabirdham (Kawardha)	250	9600	300		300	10450
15	Kanker (North Bastar)	125				450	575
16	Kondagaon	125			150	300	575
17	Korba	125			150	525	800
18	Korea (Koriya)	125		150	150	600	1025
19	Mahasamund	125		150		225	500
20	Mungeli	125	1800		150	150	2225
21	Narayanpur	125				150	275
22	Raigarh	250		450	150	600	1450
23	Raipur	125		150		225	500
24	Rajnandgaon	250	9000			375	9625
25	Sukma	125			150	150	425
26	Surajpur	125		150		375	650
27	Surguja	125		250	150	150	675
	Total	4000	30000	2500	2500	7500	46500

6.2 Seed Minikits Distribution: Rabi 2018

A. Summary of Minikits Distribution: Madhya Pradesh

(Qty. in Nos.)

Name of State	Crop	Varirty	Supply Agency	Quantity
Madhya Pradesh	Gram	JG-14	NSC	15000
			NAFED	15750
			IFFDC	3750
		JG-12	NSC	2969
		JG-6	NSC	6000
		RVG-201	KRIBHCO	1462
	Lentil	IPL-316	NSC	20000
			NAFED	5000
			HIL	6000
	Pulses Total			75931
	Mustard	NRCHB-101	NSC	10000
			KRIBHCO	20000
		RBM-02	NSC	20000
			NAFED	15000
		RH-0749	NSC	15000
			KRIBHCO	10000
		Pusa-30	NAFED	10000
	Linseed	JLS-67	NSC	2000
		JL-41	NAFED	35000
	Oilseeds Total			137000
	Grand Total			212931

6.2.1 Pulses Seed Minikits Allocation : Rabi 2018-19

i) Crop-Gram

(Qty. in Nos.)

S. No.	Name of District	NSC			NAFED	IFFDC	KRIBHCO	Total
		JG-14	JG-12	JG-6	JG-14	JG-14	RVG-201	
1	Jabalpur	900		250				1150
2	Katni	600		200				800
3	Balaghat	800		200				1000
4	Chhindwara	800		200				1000
5	Seoni	500		150				650
6	Mandla	200		100				300
7	Dendori	200		100				300
8	Narsinghpur	1200		350				1550
9	Sagar	2200		650				2850
10	Damoh	2100		650				2750
11	Panna	1100		300				1400
12	Tikamgarh	200		100				300
13	Chhatarpur	600		150				750
14	Rewa	700		150				850

Contd.....
(Qty. in Nos.)

S. No.	Name of District	NSC			NAFED	IFFDC	KRIBHCO	Total
		JG-14	JG-14	JG-14	JG-14	JG-14	RVG-201	
15	Sidhi	500		150				650
16	Singrauli	400		100				500
17	Satna	1400		300				1700
18	Shahdol	200		100				300
19	Anuppur	200		100				300
20	Umaria	200		100				300
21	Indore			300	900			1200
22	Dhar			400	1500			1900
23	Jhabua			100	200			300
24	Khargone			300	200			500
25	Barwani			100	800			900
26	Alirajpur			100	200			300
27	Khandwa			200	500			700
28	Burhanpur			100	200			300
29	Ujjain				1900		100	2000
30	Mandsaur				600		100	700
31	Neemuch				400		100	500
32	Ratlam				900		100	1000
33	Dewas				1600		100	1700
34	Shajapur				800		100	900
35	Morena				200		100	300
36	Sheopurkala				300		100	400
37	Bhind				300		100	400
38	Gwalior				300		100	400
39	Shivpuri				800		100	900
40	Guna				1100		100	1200
41	Ashoknagar				1200		100	1300
42	Datia				350		62	412
43	Bhopal		250			200		450
44	Sehore		400			600		1000
45	Raisen		600			800		1400
46	Vidisha		650			900		1550
47	Betul		169			200		369
48	Rajgarh		400			500		900
49	Hoshangabad		300			350		650
50	Harda		200			200		400
51	Agar Malwa				500		100	600
	Total	15000	2969	6000	15750	3750	1462	44931

ii) Crop- Lentil

(Qty. in Nos.)

S. No.	Name of District	NSC	NAFED	HIL	Total
		IPL-316			
1	Jabalpur	1200			1200
2	Katni	750			750
3	Balaghat	100			100
4	Chhindwara	150			150
5	Seoni	1000			1000
6	Mandla	1100			1100
7	Dendori	2000			2000
8	Narsinghpur	2250			2250
9	Sagar	1900			1900
10	Damoh	1300			1300
11	Panna	1200			1200
12	Tikamgarh	100			100
13	Chhatarpur	200			200
14	Rewa	1150			1150
15	Sidhi	450			450
16	Singrauli	300			300
17	Satna	2800			2800
18	Shahdol	250			250
19	Anuppur	750			750
20	Umaria	250			250
21	Indore	100			100
22	Dhar	100			100
23	Jhabua	100			100
24	Khargone	100			100
25	Barwani	100			100
26	Alirajpur	100			100
27	Khandwa	100			100
28	Burhanpur	100			100
29	Ujjain		300		300
30	Mandsaur		800		800
31	Neemuch		100		100
32	Ratlam		100		100
33	Dewas		100		100
34	Shajapur		2100		2100
35	Morena		100		100
36	Sheopurkala		100		100
37	Bhind		500		500
38	Gwalior			100	100
39	Shivpuri			200	200
40	Guna			100	100
41	Ashoknagar			500	500
42	Datia			150	150

Contd.....
(Qty. in Nos.)

S. No.	Name of District	NSC	NAFED	HIL	Total
		IPL-316			
43	Bhopal			150	150
44	Sehore			200	200
45	Raisen			1100	1100
46	Vidisha			1400	1400
47	Betul			150	150
48	Rajgarh			1600	1600
49	Hoshangabad			150	150
50	Harda			200	200
51	Agar Malwa		800		800
	Total	20000	5000	6000	31000

6.2.2 Oilseeds Seed Minikits Allocation : Rabi 2018-19

iii) Crops-Mustard and Linseed

(Qty. in Nos.)

S.No.	Name of District	Mustard							Linseed		Total
		NSC			NAFED		KRIBHCO		NSC	NAFED	
		NRCHB -101	RVM-2	RH-0749	RVM-2	PM-30	NRCHB -101	RH-0749	JLS-67	JL-41	
1	Jabalpur	400		800						1000	2200
2	Katni	300		700						600	1600
3	Balaghat	400		700						5000	6100
4	Chhindwara	400		800						1500	2700
5	Seoni	400		800						3000	4200
6	Mandla	400		800						1000	2200
7	Dendori	300		700						1000	2000
8	Narsinghpur	400		500						300	1200
9	Sagar	300		500						1000	1800
10	Damoh	300		500						1000	1800
11	Panna	300		500						800	1600
12	Tikamgarh	300		500						300	1100
13	Chhatarpur	400		900						2000	3300
14	Rewa	400		500						3000	3900
15	Sidhi	400		500						2500	3400
16	Singrauli	500		500						500	1500
17	Satna	400		400						1500	2300
18	Shahdol	400		500						600	1500
19	Anuppur	300		300						400	1000
20	Umaria	300		300						400	1000
21	Indore								150		150
22	Dhar								200		200
23	Jhabua								200		200
24	Khargone								150		150
25	Barwani								100		100
26	Alirajpur								100		100
27	Khandwa								100		100
28	Burhanpur								150		150

Contd.....
(Qty. in Nos.)

S.No.	Name of District	Mustard							Linseed		Total
		NSC			NAFED		KRIBHCO		NSC	NAFED	
		NRCHB -101	RVM-2	RH-0749	RVM-2	PM-30	NRCHB -101	RH-0749	JLS-67	JL-41	
29	Ujjain						2500			400	2900
30	Mandsaur						3500			500	4000
31	Neemuch						3500			400	3900
32	Ratlam						3000			500	3500
33	Dewas						2500			400	2900
34	Shajapur						2500			500	3000
35	Morena		3500		2500	1500		1500		400	9400
36	Sheopurkala		2500		2000	1500		1000		200	7200
37	Bhind		3400		3300	1000		1400		200	9300
38	Gwalior		2300		1700	700		1300		300	6300
39	Shivpuri		2200		1000	1500		1300		300	6300
40	Guna		1500		1500	900		1000		200	5100
41	Ashoknagar		2000		1300	1500		1200		200	6200
42	Datia		2600		1700	1400		1300		1000	8000
43	Bhopal	300		300					100		700
44	Sehore			300					150		450
45	Raisen	300		400					150		850
46	Vidisha	300		300					150		750
47	Betul	400		500						1000	1900
48	Rajgarh	500		700					300		1500
49	Hoshangabad	500		400						300	1200
50	Harda	400		400						300	1100
51	Agar Malwa						2500			500	3000
	Total	10000	20000	15000	15000	10000	20000	10000	2000	35000	137000

B. Summary of Minikits Distribution: Chhattisgarh

(Qty. in Nos.)

Name of State	Crop	Varirty	Supply Agency	Quantity
Chhattisgarh	Gram	RVG-202	NAFED	5500
	Lentil	IPL-316	NAFED	2500
			NSC	6875
	Pulses Total			14875
	Mustard	NRCHB-101	NSC	20000
			HIL	5000
		Pusa-30	NSC	40000
	Safflower	PBNS-40	NSC	1000
	Groundnut	Kadri-9	NAFED	2500
		Dharani	NAFED	1100
	Oilseeds Total			69600
Grand Total			84475	

6.2.3 Pulses Seed Minikits Allocation: Rabi 2018-19.

i) Crops- Gram and Lentil

(Qty. in Nos.)

S.No.	Name of District	Gram	Lentil	Lentil	Total
		NAFED		NSC	
		RVG-202	IPL-316	IPL-316	
1	Balod	250	100	250	600
2	Baloda Bazar	250	275	250	775
3	Balrampur	125		350	475
4	Bastar	125		200	325
5	Bemetara	375	195	350	920
6	Bijapur	125			125
7	Bilaspur	125		200	325
8	Dantewada (South Bastar)	125		300	425
9	Dhamtari	375	100	400	875
10	Durg	250	175	300	725
11	Gariyaband	250	100	150	500
12	Janjgir-Champa	125			125
13	Jashpur	125		150	275
14	Kabirdham (Kawardha)	500	580	450	1530
15	Kanker (North Bastar)	250		550	800
16	Kondagaon	125			125
17	Korba	125		150	275
18	Korea (Koriya)	125		350	475
19	Mahasamund	125	100		225
20	Mungeli	375		300	675
21	Narayanpur	125		100	225
22	Raigarh	125		300	425
23	Raipur	250	375	475	1100
24	Rajnandgaon	375	500	500	1375
25	Sukma	125			125
26	Surajpur	125		300	425
27	Surguja	125		500	625
Total		5500	2500	6875	14875

6.2.4 Oilseeds Seed Minikits Allocation: Rabi 2018-19.

ii) Crops-Mustard, Safflower, Groundnut and Mustard

(Qty. in Nos.)

S.No.	Name of District	Mustard		Safflower	G. Nut		Mustard	Total
		NSC			NAFED		HIL	
		NRCHB-101	PM-30	PBNS-40	K-9	Dharni	NRCHB-101	
1	Balod	800	1000				500	2300
2	Baloda Bazar	500	1000	125				1625
3	Balrampur	1000	1500		150		1000	3650
4	Bastar	1000	3000			150		4150

Contd.....
(Qty. in Nos.)

S.No.	Name of District	Mustard		Safflower	G. Nut		Mustard	Total
		NSC			NAFED		HIL	
		NRCHB-101	PM-30	PBNS-40	K-9	Dharni	NRCHB-101	
5	Bemetara	600	1000					1600
6	Bijapur	600	1500			150		2250
7	Bilaspur	500	1000					1500
8	Dantewada \	800	1500		150			2450
9	Dhamtari	500	1000					1500
10	Durg	800		125			500	1425
11	Gariyaband	500	1000		150	150		1800
12	Janjgir-Champa	1000	1000	125		150		2275
13	Jashpur	500	2500		150			3150
14	Kawardha	1500	2000				1000	4500
15	Kanker	1000	2000			150		3150
16	Kondagaon	500	2500		150			3150
17	Korba	500	1000		150			1650
18	Korea	800	2500		150			3450
19	Mahasamund	500	1000	125	150	150		1925
20	Mungeli	500	1000	125				1625
21	Narayanpur	400	1500		150			2050
22	Raigarh	1000	2000	125	400	200		3725
23	Raipur	800	1000	125	150			2075
24	Rajnandgaon	800	1000	125	150			2075
25	Sukma	600	1500		150			2250
26	Surajpur	1000	1500		150		1000	3650
27	Surguja	1000	1500		150		1000	3650
Total		200000	13500	1000	2500	1100	5000	68600

6.3 Seed Minikits Distribution: Summer 2018

(Qty. in Nos.)

Name of State	Crop	Varirty	Supply Agency	Quantity
Madhya Pradesh	Mung	IPM-205-07 (Virath)	NSC	2500
		IPM-410-3 (Shikha)		5000
	Pulses Total			7500
Chhattisgarh	Groundnut	Kadiri-9	NAFED	3000
	Oilseed Total			3000
	Grand Total			10500

6.3.1 Pulses Minikits Allocation : Summer 2018-19

i) Crop-Mung

(Qty. in Nos.)

S.No.	Name of District	NSC		Total
		IPM-205-07 (Virath)	IPM-410-3 (Shikha)	
1	Jabalpur	-	850	850
2	Katni	-	200	200
3	Balaghat	-	500	500
4	Chhindwara	-	200	200
5	Seoni	-	200	200
6	Mandla	-	200	200
7	Narsinghpur	-	950	950
8	Sagar	-	200	200
9	Damoh	-	500	500
10	Panna	-	150	150
11	Umaria	-	150	150
12	Khargone	-	200	200
13	Khandwa	-	200	200
14	Burhanpur	-	150	150
15	Mandsaur	-	200	200
16	Neemuch	-	150	150
17	Morena	200	-	200
18	Bhind	100	-	100
19	Guna	100	-	100
20	Sehore	400	-	400
21	Raisen	200	-	200
22	Vidisha	100	-	100
23	Hoshangabad	1100	-	1100
24	Harda	200	-	200
25	Betul	100	-	100
Total		2500	5000	7500

6.3.2 Oilseed Minikits Allocation : Summer 2018-19

i) Crop-Groundnut

(Qty. in Nos.)

S.No.	Name of District	Var. KADIRI-9
		NAFED
1	Raipur	250
2	Gariaband	450
3	Jagdalpur	300
4	Mahasamund	350
5	Jashpur	350
6	Raigarh	1300
Total		3000

6.4 All India Pulses Summary : Season-wise/Crop-wise Allocation of Seed Minikits (2018-19)

Minikit -Numbers; Quantity- Quintal

S. No.	Crops/ kit (kg)	NSC		NAFED		HIL		IFFDC		KRIBHCO		Grand Total		Rate	Allocation
		(Nos)	(Qtl)	(Nos)	(Qtl)	(Nos)	(Qtl)	(Nos)	(Qtl)	(Nos)	(Qtl)	(Nos)	(Qtl)	Rs/Kit	
Kharif 2018-19															
1	Arhar (4)	105375	4215	14800	592	0	0	0	0	0	0	120175	4807	472	5.67
2	Urad (4)	68031	2721	14000	560	0	0	11250	450	0	0	93281	3731	500	4.66
3	Mung (4)	103450	4138	6200	248	20000	800	35000	1400	23538	942	188188	7528	448	8.43
Total		276856	11074	35000	1400	20000	800	46250	1850	23538	942	401644	16066	1420	18.76
Rabi- 2018-19															
1	Gram (16)	120519	19283	52500	8400	31500	5040	3750	600	1462	234	209731	33557	1840	38.59
2	Urad (4)	0	0	0	0	0	0	0	0	0	0	0	0	500	0.00
3	Mung (4)	30000	1200	0	0	0	0	0	0	0	0	30000	1200	448	1.34
4	Lentil (8)	91875	7350	37500	3000	18500	1480	0	0	5000	400	152875	12230	864	13.21
Total		242394	27833	90000	11400	50000	6520	3750	600	6462	634	392606	46987	3652	53.14
Summer 2018-19															
1	Urad (4)	11900	476	0	0	0	0	0	0	0	0	11900	476	500	0.60
2	Mung (4)	68850	2754	25000	1000	0	0	0	0	0	0	93850	3754	448	4.20
Total		80750	3230	25000	1000	0	0	0	0	0	0	105750	4230	948	4.80
Grand Total		600000	42137	150000	13800	70000	7320	50000	2450	30000	1575	900000	67283	6020	76.70

Date of Supply of Minikit at District Level:

- Kharif - 30th May, 2018
- Rabi - 15th Sep., 2018
- Summer - 30th January, 2019

i) Pulses Seed Minikits: Kharif 2018-19

Minikit -Numbers; Quantity- Quintal

States	Crops	Varieties	Total Allocation		Agency wise Allocation of Seed Minikits									
			Minikits	Qty	NSC		NAFED		HIL		IFFDC		KRIBHCO	
					Minikits	Qty	Minikits	Qty	Minikits	Qty	Minikits	Qty	Minikits	Qty
Chhattisgarh	Arhar	TJT-501	4000	160	4000	160	0	0	0	0	0	0	0	0
Madhya Pradesh	Arhar	TJT-501	15000	600	11000	440	4000	160	0	0	0	0	0	0
		BDN-711	3000	120	3000	120	0	0	0	0	0	0	0	0
	Sub Total		18000	720	14000	560	4000	160	0	0	0	0	0	0
All India Kharif 2018-19	Arhar		120175	4807	105375	4215	14800	592	0	0	0	0	0	0
	Urdbean		93281	3731	68031	2721	14000	560	0	0	11250	450	0	0
	Moongbean		188188	7528	103450	4138	6200	248	20000	800	35000	1400	25538	942
	Total		401644	16066	276856	11074	35000	1400	20000	800	46250	1850	25538	942

ii) Pulses Seed Minikit: Rabi 2018-19

Minikit -Numbers; Quantity- Quintal

States	Crops	Varieties	Total Allocation		Agency wise allocation of Seed Minikits									
			Minikits	Qty	NSC		NAFED		HIL		IFFDC		KRIBHCO	
					Minikits	Qty	Minikits	Qty	Minikits	Qty	Minikits	Qty	Minikits	Qty
Chhattisgarh	Gram	RVG-202	5500	880	0	0	5500	880	0	0	0	0	0	0
	Lentil	IPL-316	9375	750	6875	550	2500	200	0	0	0	0	0	0
	total		14875	1630	6875	550	8000	1080	0	0	0	0	0	0
Madhya Pradesh	Gram	JG-14	34500	5520	15000	2400	15750	2520	0	0	3750	600	0	0
		JG-12	2969	475	2969	475	0	0	0	0	0	0	0	0
		JG-6	6000	960	6000	960	0	0	0	0	0	0	0	0
		RVG-201	1462	234	0	0	0	0	0	0	0	0	1462	234
	Lentil	IPL-316	31000	2480	20000	1600	5000	400	6000	480	0	0	0	0
	Total		75931	9669	43969	5435	20750	2920	6000	480	3750	600	1462	234
All India Rabi 2018-19	Moong		30000	1200	30000	1200	0	0	0	0	0	0	0	0
	Gram		209731	33557	120519	19283	52500	8400	31500	5040	3750	600	1462	234
	Lentil		152875	12230	91875	7350	37500	3000	18500	1480	0	0	5000	400
	Total		392606	46987	242394	27833	90000	11400	50000	6520	3750	600	6462	634

iii) Pulses Seed Minikit: Summer 2018-19

Minikit -Numbers; Quantity- Quintal

States	Crops	Varieties	Total Allocation		Agency wise allocation of Seed Minikits			
			Minikits	Qty	NSC		NAFED	
					Minikits	Qty	Minikits	Qty
Madhya Pradesh	Mungbean	IPM-205-07 (Virat)	2500	100	2500	100	0	0
		Shikha (IPM-410-3)	5000	200	5000	200	0	0
	Total		7500	300	7500	300	0	0
All India	Urdbean		11900	476	11900	476	0	0
	Mungbean		93850	3754	68850	2754	25000	1000
	Total		105750	4230	80750	3230	25000	1000

i) Oilseed Seed Minikit : Kharif 2018-19

Minikit -Numbers; Quantity- Quintal

States	Crops	Varieties	Total Allocation		Agency wise allocation of Seed Minikits							
			Minikits)	Qty	NSC		NAFED		HIL		IFFDC	
					Minikits	Qty	Minikits	Qty	Minikits	Qty	Minikits	Qty
Chhattisgarh	Soybean	JS-95-60	30000	2400	30000	2400	0	0	0	0	0	0
	G. nut	Kdairi-9	5000	1000	2500	500	2500	500	0	0	0	0
	Sesame	RT-351	7500	75	0	0	7500	75	0	0	0	0
	C.G. Total		42500	3475	32500	2900	10000	575	0	0	0	0
Madhya Pradesh	Soybean	JS-95-60	90000	7200	50000	4000	20000	1600	20000	1600	0	0
		JS-20.34	2125	170	2125	170						
		RVS 2001-4	28750	2300			28750	2300				
	Sub-total		120875	9670	52125	4170	48750	3900	20000	1600	0	0
	Sesame	RT-351	7000	70			7000	70				
		RT-346	5000	50			5000	50				
	Sub-total		12000	120	0	0	12000	120	0	0	0	0
	M. P. Total		132875	9790	52125	4170	60750	4020	20000	1600	0	0

• Allocation & Expenditure of Oilseed Minikits : Kharif 2018-19

Minikit -Numbers; Value- Lakhs

States	Crops	Rate /kit (Rs.)	NSC		NAFED		KRIBHCO		HIL		IFFDC		Total	
			Minikits	Value	Minikits	Value	Minikits	Value	Minikits	Value	Minikits	Value	Minikits	Value
All India Kharif-2018-	G.nut	1760	41940	738.14	17500	308.0	0	0	5000	88.0	0	0	64440	1334.1
	Soybean	496	122625	608.22	58750	291.4			20000	99.2	15000	74.4	216375	1073.2
	Sunflower	370	0	0.00	9000	33.30	0	0	0	0.00	0	0	9000	33.3
	Castor	306	27500	84.15	0	0.00	0	0	0	0.00	0	0	27500	84.2
	Sesame	120	64400	77.28	69000	82.80	0	0	0	0.00	0	0	133400	160.0
	Total		256465	1507.8	154250	715.5	0	0	25000	187.2	15000	74.4	450715	2484.9

ii) Oilseeds Seed Minikit: Rabi 2018-19

Minikit -Numbers; Quantity- Quintal

States	Crops	Varieties	Total Allocation		Agency wise allocation of Seed Minikits									
			Minikits	Qty	NSC		NAFED		KRIBHCO		HIL		IFFDC	
					Minikits	Qty	Minikits	Qty	Minikits	Qty	Minikits	Qty	Minikits	Qty
Chhattisgarh	Mustard	NRCHB-101	25000	500	20000	400	0	0	0	0	5000	100	0	0
		Pusa-30	40000	800	40000	800	0	0	0	0	0	0	0	0
	Safflower	PBNS-40	1000	20	1000	20								
	G.Nut	Kadri-9	2500	500	0	0	2500	500	0	0	0	0	0	0
		Dharani	1100	220			1100	220						
Sub-total			69600	2040	61000	1220	3600	720	0	0	5000	100	0	0
Madhya Pradesh	Mustard	NRCHB-101	30000	600	10000	200	0	0	20000	400	0	0	0	0
		RBM-02	35000	700	20000	400	15000	300	0	0	0	0	0	0
		RH-0749	25000	500	15000	300	0	0	10000	200	0	0	0	0
		Pusa-30	10000	200	0	0	10000	200	0	0	0	0	0	0
	Linseed	JLS-67	2000	40	2000	40	0	0	0	0	0	0	0	0
		JL-41	35000	700	0	0	35000	700	0	0	0	0	0	0
Sub-total			137000	2740	47000	940	60000	1200	30000	600	0	0	0	0

• Allocation & Expenditure of Oilseed Minikits : Rabi 2018-19

Minikit -Numbers; Value- Lakhs

States	Crops	Rate/kit (Rs.)	NSC		NAFED		KRIBHCO		HIL		IFFDC		Total	
			Minikits	Value	Minikits	Value	Minikits	Value	Minikits	Value	Minikits	Value	Minikits	Value
All India Rabi- 2018-19	Mustard	130	901600	1172.08	157500	204.75	64000	83.20	35000	45.50	40000	52	1198100	1557.53
	G.nut	1760	36425	641.08	21100	371.36	0	0.00	3500	61.60	0	0	61025	1074.04
	Linseed	150	5000	7.50	35000	52.50	0	0.00	0	0.00	0	0	40000	60.00
	Safflower	124	1000	1.24	0	0.00	0	0.00	0	0.00	0	0	1000	1.24
	Total		944025	1821.90	213600	628.61	64000	83.20	38500	107.10	40000	52	1300125	2692.81

Date of Supply of Minikit at District Level: Rabi- 15th Sep., 2018

iii) Oilseeds Seed Minikit: Summer 2018-19

Minikit -Numbers; Quantity- Quintal

States	Crops	Varieties	Total Allocation		NAFED	
			Minikits	Qty	Minikits	Qty
Chhattisgarh	Groundnut	Kadiri-9	3000	600	3000	600
	Sub Total		3000	600	3000	600

iv) All India India Oilseed Minikits: Summer 2018-19

Minikit -Numbers; Quantity- Quintal

States	Crops	Total Allocation		Agency wise allocation of Seed Minikits					
		Minikits	Qty	NSC		NAFED		HIL	
				Minikits	Qty	Minikits	Qty	Minikits	Qty
All India	Groundnut	25745	5149	15245	3049	9000	1800	1500	300
	Sesame	8200	82	8200	82	0	0	0	0
	Total	33945	5231	23445	3131	9000	1800	1500	300

• Allocation & Expenditure of Oilseed Minikits : Summer 2018-19

Minikit -Numbers; Value- Lakh

States	Crops	Rate/kit (Rs.)	NSC		NAFED		HIL		Total	
			Minikits	Value	Minikits	Value	Minikits	Value	Minikits	Value
All India Summer 2018-19	Groundnut	1760	15245	268.31	9000	158.40	1500	26.40	25745	453.11
	Sesame	120	8200	9.84	0	0.00	0	0.00	8200	9.84
	Total		23445	278.15	9000	158.40	1500	26.40	33945	462.95

Chapter-7

Seed Production

7.1 Central Seed Production Targets & Achievement under NFSM (2017-18 & 2018-19)

i) Summary NFSM : Seed production target & achievement (2017-18)

(Qty: 000 qtls ; Rs. in cr.)

Agency	Kharif Seed Production		Rabi Seed Production		Summer Seed Production		Total (K+R+S)		Financial Assistance	
	T	A	T	A	T	A	T	A	T	A
NSC	65	65	195	269	47	47	307	381	76.75	95.25
NAFED	48.4	48.4	18.9	59	0	0	67.3	107	16.83	26.83
HIL	22	22	19	69	3	3	44	94	11	23.50
IFFDC	3.4	3.4	16.6	17	0	0	20	20	5	5.00
KRIBHCO	1.65	1.65	6.06	6	0	0	7.71	8	1.93	1.93
Total	140.45	140.45	255.56	420	50	50	446.01	610	111.51	152.51

Note: Assistance provided @ Rs 2500/ql seed production in 2017-18.

ii) Summary: Seed Production targets (2018-19)

(Qty: 000qtls and Assistance: Rs. in cr.)

S.No.	Crop	NSC	NAFED	HIL	IFFDC	KRIBHCO	Total	
		Qty.	Qty.	Qty.	Qty.	Qty.	Qty.	Assistance
A.	Kharif 2018							
1	Arhar	15.40	1.00	1.00	0.20	0	17.60	8.80
2	Urdbean	18.70	5.00	2.50	1.00	0	27.20	13.60
3	Moong bean	27.95	14.10	10.00	2.80	0.50	55.36	27.68
Total Kharif	Phy.	62.05	20.10	13.50	4.00	0.50	100.16	50.08
	Fin.	31.03	10.05	6.75	2.00	0.25		
B.	Rabi 2018-19							
4	Gram	3.5	19.5	13.3	9	4.55	49.85	24.93
5	Lentil	2.5	2	2	0.2	0.35	7.05	3.53
6	Pea	0	0.5	1.5	0.8	0	2.8	1.40
7	Urd	7	0	0	0	0	7	3.50
8	Moong	0	0	0	0	0	0	0.00
Total Rabi	Phy.	13.00	22.00	16.80	10.00	4.90	66.70	33.36
	Fin.	6.50	11.00	8.40	5.00	2.45		
C.	Summer 2019							
9	Urdbean	9.50	1.50	0	0	0	11.00	5.50
10	Moong bean	25.15	3.50	0.50	0	0	29.15	14.58
Total Summer	Phy.	34.65	5.00	0.50	0	0	40.15	20.08
	Fin.	17.33	2.50	0.25	0	0		
Grand Total	Phy.	109.70	47.10	30.80	14.00	5.40	207.01	103.52
	Fin.	54.86	23.55	15.40	7.00	2.70		

Note: Assistance provided @ Rs 5000/ql seed production in 2018-19.

7.2 Annual Action Plan of NSC under NFSM-Oilseeds during Rabi 2018-19

(Qty: 000qtls and Assistance: Rs. in cr.)

S. No.	Crop	Quantity	Assistance
A.	Foundation Seed		
1	Groundnut	2.78	0.69
2	Mustard/Toria	0.28	0.07
3	Linseed	0.07	0.02
4	Safflower	0.02	0.005
5	Sunflower	0	0.00
	Total	3.15	0.79
B.	Certified Seed		
1	Groundnut	40.00	10.07
2	Mustard/Toria	37.40	9.38
3	Linseed	0.52	0.13
4	Safflower	0.05	0.01
5	Sunflower	0.20	0.05
	Total	78.17	19.64

Note:

1. Assistance provided @ Rs 2600/qty (Varieties- 0 to 05 years)
2. Assistance provided @ Rs 2500/qty (Varieties- 06 to 10 years)

7.3 Crops / Varieties in Seed Production (Certified seed) 2017-18

Crop/Season	Agency	Varieties
Kharif		
Arhar	NSC	PKV Tara, PAU-881, BRG-5, BDN-711, ICPH-2740, TS 3R, P-291, BRG-2, BRG-4, TGT-501, Narendra Arhar-2 (NDA-98-1)
	NAFED	PAU-881, P-291, TGT-501,
	HIL	ICPH-2740, BRG-4, BRG-5, BDN-711,
Urdbean	NSC	Mash-479, CO-6, IPU 02-43 PU-31, PU-40, WBU-109
	NAFED	PU-31, PU-40
	HIL	Vallabh urd-1, PU-31, LBG-787,
	IFFDC	Pratap urd-1, WBU-109
Moongbean	NSC	MH -421, B.M. 2003, IPM 02-14, IPM 02-03, Pusa 672
	NAFED	SML-832, MH-421, IPM 02-14, Pant-5, IPM- 02-03
	HIL	MH-421, IPM 205-7 (virat), IPM-410 -3 (Shikha), IPM 02-14, Pant -5, IPM 02-03
	IFFDC	MH-421, IPM 02-03,
	KRIBHCO	MH-421, IPM 02-03,
Rabi		
Gram	NSC	GNG-2144, RVG-202, RVG-203 , JG-12, NBG-3, CSJ-515, GNG-1958, RVG-201, RSG-974, GJG-03, JG-06, JG-14, JNG-1581
	NAFED	RVG-202, CSJ-515, GNG-1958, JG-14, JNG-1581
	HIL	NBG-1, NBG-47, JNG-1581
	IFFDC	CSJ-515, JG-14, JNG-1581
	KRIBHCO	Raj vijay-201, PKV- Harita, GNG-1951
Rabi		
Pea	NSC	IPFD-10-12, HFP-529, IPF 4-9, AMAN
	NAFED	IPF-4-9, AMAN
	HIL	AMAN (IPF-19)
	KRIBHCO	AMAN (IPF-19), Pant pea-13

Crop/Season	Agency	Varieties
Lentil	NSC	IPL-316, PL-7, PL-6, PL-8, WBL-77,
	NAFED	IPL-316, PL-2, KLV-303, NDL 01, KL-320
	HIL	IPL-316, PL-2, Pant lentil-8, WBL-77,
	KRIBHCO	Pant Lentil -8
Summer		
Urdbean	NSC	VBN-7, Mash -479, IPU 02-43, CO-6 (COBG-653), PU-31, PU-40
	HIL	PU-31
Moongbean	NSC	SML -832, IPM-2-14, Pusa 672, MH-421, Pant moong -5, IPM 02-03
	HIL	IPM-02-03

7.4 Crop/ Varieties in Seed Production -2018-19

Crop/Season	Agency	Varieties
Kharif		
Arhar	NSC	PKV Tara, BRG-5, GJP-1, BDN-711, TS 3R, P-291, BRG-2, BRG-4, TGT-501,
	NAFED	TGT-501, Pant Arhar-291
	HIL	BRG-5, TGT-501
	IFFDC	Arhar-291 , IPA- 203 (Prakash)
Urdbean	NSC	AKU-10-1(Black gold), Pratap urd-1, Mash-479, IPU 02-43
	NAFED	VBM (BG-7), Vallabh U-1, Pratap urd-1, IPU 02-43, RU -03-14
	HIL	Pratap urd-1, IPU 02-43
	IFFDC	Pratap urd-1, IPU 02-43, Mash 479 (KUG-479)
Moongbean	NSC	IPM 410-3(Shikha), IPM 2015-7(Virat), BSG-9, MH -421, B.M. 2003, IPM 02-14, IPM 02-03,
	NAFED	MH-421, IPM 02-14, SML-832, KM-21-95 (Swati),
	HIL	MH-421, IPM 02-03,
	IFFDC	IPM 02-03, MH-421, SML-832, BM-2003-2
	KRIBHCO	MH-421
Rabi		
Gram	NSC	Raj Vijay Gram 203, JG-06, JG-14
	NAFED	GNG-1958, RVG-202, JG-12, GNG-2144, GNG-1969 (Triveni), BG-3022 (3022), GLK- 28127 (L-556)
	HIL	NBeG-3, CSJ-515, GNG -1958,
	IFFDC	GNG-1958, RSG-974, JG-14, JG-12
	KRIBHCO	Raj vijay-201, Raj vijay-202, PKV- Harita, RVG-203, GNG-1958
Pea	NAFED	IPF-4-9,
	HIL	AMAN(IPF-19)
	IFFDC	IPF-4-9, HFP-529
Lentil	NSC	IPL-316, PL-7
	NAFED	KLB-2008-4(Krati), KLS-09-03(Kirish), JL-31 (Raj Viajy), IPL-316
	HIL	Pant lentil-8
	IFFDC	IOL-316, Pant lentil-8
	KRIBHCO	Pant Lentil -8 (PL-8)
Urdbean	NSC	LBG-787, VBN-7, VBN-6, CO-6, IPU 02-43,
Summer		
Urdbean	NSC	Mash -479, IPU 02-43, CO-6 (COBG-653)
	NAFED	Pratap Urd-1, Vallabh Urd-1, COB- 653 (CO-6)
Moongbean	NSC	IPM-410-3(Shikha), IPM-205-7 (Virat), MH-421, IPM 02-14, Pusa -672, Pant Moong-5, IPM-02-03
	NAFED	SML -832, IPM-2-14, MH-421, Pant-5

7.5 Agency wise targets (2017-18)

(Qty: 000 qtls and Assistance: Rs. in cr.)

S. No.	Crop	NSC		NAFED		HIL		IFFDC		KRIBHCO		Total	
		Qty.	Assist.	Qty.	Assist.	Qty.	Assist.	Qty.	Assist.	Qty.	Assist.	Qty.	Assist.
A.	Kharif 2017												
1	Arhar	21.9	5.48	0.9	0.23	2.5	0.63	0	0.00	0	0.00	25.30	6.33
2	Urdbean	19.6	4.90	21	5.25	5.5	1.38	1	0.25	0	0.00	47.10	11.78
3	Moong bean	23.5	5.88	26.5	6.63	14	3.50	2.4	0.60	1.65	0.41	68.05	17.01
	Total Kharif	65	16.26	48.4	12.11	22	5.51	3.4	0.85	1.65	0.41	140.45	35.12
B.	Rabi 2017-18												
4	Gram	172.00	43.00	10.7	2.68	13	3.25	16.60	4.15	4.66	1.17	216.96	54.25
5	Lentil	12.00	3.00	5	1.25	4	1.00	-	-	0.5	0.13	21.5	5.38
6	Pea	11.00	2.75	3.2	0.80	2	0.50	-	-	0.9	0.23	17.1	4.28
	Total Rabi	195	48.75	18.9	4.73	19	4.75	16.60	4.15	6.06	1.53	255.56	63.91
C.	Summer 2018												
7	Urdbean	16	4.00	0	0.00	1	0.25	0	0.00	0	0.00	17	4.25
8	Moong bean	31	7.75	0	0.00	2	0.50	0	0.00	0	0.00	33	8.25
	Total Summer	47	11.75	0	0.00	3	0.75	0	0.00	0	0.00	50	12.50
	Grand Total	307	76.76	67.30	16.84	44	11.01	20	5.00	7.71	1.94	446.01	111.53

Note: Assistance provided @ Rs 2500/qlt seed production in 2017-18

Chapter-8

Progress Report

8.1 NFSM : PULSES AND CEREALS (2018-19)

A. State: Chhatisgarh

i) Physical Progress : Pulses (Upto December 2018)

(Unit-Nos.)

Component	Pulses			Additional Pulses			Total Pulses		
	(27)			(27)			(Pulses+Addl Pulses)		
	T	A	%	T	A	%	T	A	%
Demo.(ha)	18778	18378	98	17055	11605	68	35833	29983	84
Prod. & dist. of Seeds (Qtls)	42006.5	12959	31	6602	1638	25	48609	14597	30
INM (ha)	95000	46596	49	45000	5600	12	140000	52196	37
IPM (ha)	103073	50500	49	45000	8334	19	148073	58834	40
RCT (Nos.)	30786	21289	69	50180	4000	8	80966	25289	31
CSBT (Nos)	315	78	25				315	78	25

T: Target, A: Achievement

ii) Physical Progress : Cereals

(Unit-Nos.)

Component	Rice			Coarse Cereals			Nutri-Cereals			Total Cereals		
	(13)			(8)			(10)			(Rice+CC+Nutri.C)		
	T	A	%	T	A	%	T	A	%	T	A	%
Demo.(ha)	22879	20880	91	4794	4794	100	858	400	47	28531	26074	91
Prod. & dist. of Seeds (Qtls)	51930	19490	38	1632	50	3	1941	102	5	55502	19642	35
INM (ha)	48490	41430	85				5148	1700	33	53638	43130	80
IPM (ha)	115075	115075	100							115075	115075	100
RCT (Nos.)	4545139	11030	0							4545139	11030	0
CSBT (Nos)	241	180	75				65	10	15	306	190	62

T: Target, A: Achievement

iii) Financial Progress : Pulses

(Fin: Rs. in Lakh)

Comp.	Pulses			Additional Pulses			Total Pulses		
	27			27			(Pulses + Addl Pulses)		
	T	A	%	T	A	%	T	A	%
Demo.(ha)	1910.76	1156.53	61	1535	505	33	3445.71	1661.13	48
Prod. & dist. of Seeds (Qtls)	1910.75	527.38	28	245	19	8	2155.80	546.65	25
INM (ha)	440.00	242.68	55	195	9	5	635.00	251.68	40
IPM (ha)	515.37	252.50	49	225	24	11	740.37	276.50	37
RCT (Nos.)	692.23	107.73	16	3274	0	0	3966.23	107.73	3
CSBT (Nos)	44.10	10.93	25				44.10	10.93	25

iv) Financial Progress : Cereals

Component	Rice			Coarse Cereals			Nutri-Cereals			Total Cereals		
	(13)			(8)			(10)			(Rice+CC+Nutri.C)		
	T	A	%	T	A	%	T	A	%	T	A	%
Demo.(ha)	2461.05	1772.60	72	287.64	215.73	75	51.48	27.7	54	2800.17	2016.03	72
Prod. & dist. of Seeds (Qtls)	1100.50	441.00	40	123.25	87.99	71	51.48	2.69	5	1275.23	531.68	42
INM (ha)	249.95	213.20	85				25.74	8.50	33	275.69	221.70	80
IPM (ha)	575.38	575.38	100							575.38	575.38	100
RCT (Nos.)	797.79	58.15	7							797.79	58.15	7
CSBT (Nos)	33.74	25.2	75				9.10	0.35	4	42.84	25.55	60

T: Target, A: Achievement

8.2 NFSM- OILSEEDS, OILPALM & TBOs (2018-19)

A. State – Madhya Pradesh (Oilseeds)

i) Oilseeds (51 Districts)

(Phy. - Nos.; Fin. – Rs. In Lakh)

S.No.	Item/component	Unit	Physical			Financial		
			Target	Achiv.	%	Target	Achiv.	%
I.	Seed component							
	Seed Production	Qtls.	25500	6047	24	750.00	119.04	16
	Seed Distribution	Qtls.	58625	13328	23	2350.00	90.75	4
II.	Transfer of Technology Programmes							
	ToT-Block Demo.	ha	5473	3557	65	326.38	123.77	38
	IPM Demo. FFS	Nos.	105	28	27	28.04	7.36	26
	Farmer Training	Nos.	51	39	76	12.24	9.36	76
	Officer Training	Nos.	51	41	80	18.36	14.76	80
III.	Production Input							
	Production Input	ha	13000	1148	9	150.00	11.05	7
IV.	Farm Machineries and Irrigation Tools							
	Farm Mach. tools & others	Nos.	1750	0	0	483.33	0.00	0
	Distribution of sprinler sets	Nos.	2740	898	33	300.00	98.30	33
	Pipe for carrying water from the source to the filed	Mtrs.	430000	188680	44	215.00	94.34	44
V.	Mission Management Expenses and Flexi Funds							
	Flexi- funds		2000	183	9	300.00	18.33	6
	Mission management expenses					150.00	14.79	10
	Total					5083.35	601.85	12

T: Target, A: Achievement (Upto December)

B. State – Chhattisgarh (Oilseeds)

i) Oilseeds (27 Districts)

(Phy. - Nos.; Fin. – Rs. In Lakh)

S.No.	Item/ Component	Unit	Physical			Financial		
			Target	Achiv.	%	Target	Achiv.	%
I.	Seed Component							
	Seed Production	qtls	2239	286	13	88.19	2.02	2
	Seed Distribution	qtls	6613	3368	51	454.16	95.56	21
II.	Transfer of Technology Programmes							
	ToT-Block Demo.	ha	2593	2163	83	169.59	76.48	45
	IPM Demo. FFS	Nos.	55	49	89	23.37	9.90	42
	Farmer Training	Nos.	57	44	77	16.64	11.20	67
	Officer Training	Nos.	28	19	68	11.16	6.44	58
III.	Production Input							
	Production Input	ha	20665	17635	85	91.6	17.57	19
IV.	Farm Machineries and Irrigation Tools							
	Farm Mach. tools & others	Nos.	17080	6493	38	216.09	9.57	4
V.	Mission Management Expenses and Flexi Funds							
	Flexi- funds					15.22		0
	Mission manage. expenses					0.73		0
	Total					1086.75	228.74	21

ii) Oilpalm (11 Districts)

(Phy. - Nos.; Fin. – Rs. In Lakh)

S.No	Item/ Component	Unit	Physical			Financial		
			Target	Achiv.	%	Target	Achiv	%
1	Distribution of planting Material	pl/ha	2000	743	37	240	89.16	37
2	Maintenance cost during gestation period	ha	5361	163.15	3	268.05	8.158	3
3	Input for intercropping in Oilpalm	ha	5361	232	4	268.05	11.61	4
4	Drip irrigation system	Nos.	300		0			
5	Diesel/Electric pump	Nos.	10		0	1.5		0
6	Bore wells	Nos.	500	1	0	250	0.5	0
7	Estt. of new seed garden	Nos.	3		0	30		0
8	Vermi compost units at oilpalm field	Nos.	1000	100	10	150	15	10
9	Machinery and Tools	Nos.	203	0	0	57.16	0	0
10	Farmer's training (Nos./Batch)	Nos.	30		0	7.2		0
11	Extension Officers /Input Dealers Training (Nos./Batch)	Nos.	5		0	1.8		0
12	Project Management Expen.(PME)					40.01		0
13	FF i) Plant transport. @Rs.2860/ha	ha	2000	60	3	57.2	1.72	3
14	FF ii) Plant protection @Rs.2500/ha	ha	2000	0	0	40.07		0
15	Campaigning programme for selected farmers@ Rs-15000/campg.	Nos.	200		0	30		0
	Total					1441.04	126.15	

T: Target, A: Achievement (Upto December)

iii) Tree Borne Oilseeds (03 Distt.)

(Phy. - Nos.; Fin. – Rs. In Lakh)

S.No.	Item/ component	Unit	Physical			Financial		
			Target	Achiv.	%	Target	Achiv.	%
I .	Area Expansion Inputs							
	Integrated development of nurseries & plantation	Plant/ha.	640	85	13	145.26	36.32	25
II.	Production Input							
	Production Inputs	ha	610			6.1		
III.	Transfer of Technology Programmes							
	Farmer Training	Nos.	11			2.64		
	Officer Training	Nos.	2			0.72		
IV.	Project Management Expenses and Flexi Funds							
	PME (3 % of the Fin. Allo. Of AAP)					5.04		
V)	Flexi funds							
	a) Plant transport.@Rs.5/plant	Nos.				5.00		
	b) Plant protection@Rs.2500/ha	ha				12.88		
	Total					177.64	36.32	20

T: Target, A: Achievement (Upto December)

iv)TRFA-OILSEEDS

(Phy. - Nos.; Fin. – Rs. In Lakh)

S.No.	Component	Physical			Financial		
		Target	Achievement	%	Target	Achievement	%
1	Cluster Demo. (ha)	10345	6150	59	565.00	63.05	11
2	INM and IPM	70000	29300	42	350.00	0.00	0
3	Farmers Training /CSBT	50	13	26	12.00	0.00	0

v) TRFA – PULSES

(Phy. - Nos.; Fin. – Rs. In Lakh)

S.No.	Component	Physical			Financial		
		Target	Achievement	%	Target	Achievement	%
1	Cluster Demo. (ha)	21000	18100	86	1890.00	407.19	22
2	Seed Prod. & Distri. (Qtls)	2200	100	5	110.00	0.00	0
3	INM and IPM	222000	111000	50	910.00	15.00	2
4	Water Saving Device	3000	110	4	200.50	0.06	0
5	RCT	5280	1610	30	52.50	0.00	0
6	Farmers Training /CSBT	90	28	31	12.60	0.00	0

vi) BGREI-RICE

S.No.	Component	Unit	Physical			Financial		
			Target	Achievement	%	Target	Achievement	%
1	Cluster Demo	ha	9211	8220	89	828.99	194.67	23
2	Seed Prod . (<10 Years)	qtl	8290	1084	13	82.90	0.00	0
3	Seed Distr. (<10 Years)	qtl	24870	4354	18	248.70	0.00	0
4	INM	ha	20580	10600	52	82.90	16.03	19
5	IPM	ha	13264	7500	57	66.32	17.80	27
6	Asset Building	Nos.	3165	0	0	331.60	0.00	0
7	CSBT	Nos.	119	47	39	16.58	2.24	14

vii) BGREI-WHEAT

Component	Unit	Physical			Financial		
		Target	Achievement	%	Target	Achievement	%
Cluster Demo	ha	25205	25205	100	2652.75	1948.8	73
Seed Prod .(<10 Yrs.)	qtl	14580	13644	94	331.60	98.44	30
Seed Distr. (<10 Yrs)	qtl	14632	17175	117	663.24	241.24	36
INM	ha	76230	75328	99	331.65	232.19	70
IPM	ha	53056	51275	97	265.28	206.31	78
Asset Building	Nos.	20800	9695	47	994.80	184.61	19
Site Specific Activity	Nos.	65	26	40	994.80	350.65	35
Post Harvest apex bank		15	0	0	229.65	107.17	47
CSBT	Nos.	474	375	79	66.32	26.3	40

Chapter-9

Targeted Rice Fallow Area

9.1 Rice Fallow Potential: Pulses To Double Income

- Rice fallows are widely distributed in rainfed ecosystem of eastern, central and peninsular India, besides north-eastern hill region. It is expected that nearly 3.0 Mha area of rice fallows can be brought under cultivation, which can provide about 1.5-2.0 Mt of additional food grain production.
- The estimated extent of such fallow land is *about 12 Mha*, mostly in the eastern states of country. The potential horizontal expansion under post kharif rice fallow area to be cultivated during rabi, has been delineated by NCFC, now also a part of Targeted Rice fallow Area (TRFA-RKVY programme) *About 30-40% of the area currently left fallow after rice can be converted into productive farm lands. About 3.0 million ha additional land under pulses and 1.0 million ha under oilseeds can be brought with appropriate policy interventions. The distribution of rice fallows, potential districts and area is under Table-9 (a to c).*

Table 9.1 (a) : Distribution of Rice Fallows

States	Major Districts
AP	Krishna, Guntur, East Godavari, West Godavari, Srikakulam, Nellore and Prakasam
Assam	Lakhimpur, Jorhat, Sibsagar, Dibrugarh, Golaghat, Karbi, Nagaon and Maringon
Bihar	Kisanganj, Sahibganj, Gaya, Aurangabad, Katihar and Bhagalpur
Chhattisgarh	Surguja, Jashpur, Raigarh, Durg, Bilaspur and Bastar
Jharkhand	Ranchi, Purbi Singhbhum, Paschim Singhbhum, Hazaribagh, Gumala Sahibganj, Deogarh, Palamau, Dumka and Dhanbad
Maharashtra	Dhule, Amravati, Nagpur, Wardah, Bhandara, Chandrapur and Nanded
MP	Shahdol, Seoni, Balaghat, Damoh, Mandla, Rewa, Betul and Sidhi
Odisha	Koraput, Kalahandi, Sambalpur, Sundergarh, Bhadrak, Cuttack, Puri, Dhenkanal and Mayurbhanj.
West Bengal	Purulia, Bankura, Birbhum, Bardhaman, Medinipur, Murshidabad, South 24-Parganas, Maldah, West Dinajpur, Jalpaiguri and Coochbihar
UP	Gonda, Siddarthnagar, Lakhimpur, Kheri, Pilibhit, Etawah, Mirzapur, and Sonbhadra
Karnataka	Shimoga and Belgaum
Tamil Nadu	Salem, Namakkal, Tiruchirappalli, Cuddalore, Ramnathpuram, Madurai, and Villupuram

Table 9.1 (b) : Rice Fallow Area

S.No.	States	Rice fallow area (Mha)
1.	Odisha	2.961
2.	CG	2.856
3.	WB	1.159
4.	Assam	1.042
5.	Jharkhand	0.475
6.	Bihar	0.049
7.	Other States	3.458
Total		12.000

Source: (National Crop Forecast Centre, DAC & FW, New Delhi)

Table 9.1 (c) : Potential pulses area under rice fallows

State	Potential area (M ha)	Rice-fallow Districts
Chhattisgarh	0.88	Bilaspur, Dhamtari, Kanker, Jashpur, Raipur, Durg, Rajgarh, Kabirdham, Korba, Mahasamund and Rananadgaon
MP	0.53	Anuppur, Chhattarpur, Damoh, Dindori, Raisen, Jabalpur, Katni, Jhabua, Rewa, Satna, Shahdol, Seoni, Mandla, Narsingpur and Umaria
Odisha	0.37	Baleshwar, Dhenkanal, Sundergarh, Mayurbhanj, Kalahandi, Bolangir, Kheonjar, Puri and Cuttack
WB	0.52	Bankura, Purulia, Medinapur, West Dinajpur, Malda, Jalpaiguri, Bardhaman and Birbhum
Assam	0.16	Marigaon, Naogaon, Lakhimpur, Kokrajhar, Bongaigaon, Nalbari, Kamrup, Barpeta, Darrang, Cachar, Goalaghat, Jorhat, Dibrugarh, Tinsukia and Sonitpur
Total	2.46	

Source: The Expert Group on Pulses, DAC & FW, MoA & FW, GoI, (2009)

9.2 Government Initiatives to enhance Pulses Area: Targeting Rice Fallows for Pulses Production

- A new sub-scheme ‘Targeting Rice Fallow Area’ in six BGREI states to promote pulses /oilseeds with annual allocation of Rs. 200 crores under RKVY with central share of Rs. 130 crores (2016-17 onwards) has been approved by Hon’ble AM. Increase allocation under NFSM and NMOOP will also bring rice fallow area under cultivation of oilseeds and pulses.

9.3 NAAS Recommendations on improving pulses productivity under rice fallow

- NAAS Policy Paper (64) on “*improving productivity of rice fallows*”, is relevant to harness the potential of rice fallows, and may be the part of ongoing programmes of pulses development under NFSM- Additional Pulse Programme and RKVY-TRFA.

9.4 Mechanization of field operations:

- Residual soil moisture in surface layer at the time of planting rabi crops is the major constraint in rice fallows. Relay cropping in standing rice is often practiced but with use of combine for rice harvesting, the option is now shifting for direct seeding using zero-till drill or turbo type Happy

Seed drill which need to be designed for different situations. For harvesting and threshing, appropriate machines need to be designed and developed.

9.5 Scaling-up crop management practices

- Tillage and plant population management, application of nutrients and weed management in *rabi* crops pose serious challenges in rice fallows. Early-maturing crop varieties, relay cropping, higher seed rate, seed priming, seed inoculation with *Rhizobium* culture, seed pelleting, mulching, foliar spray of nutrients etc. are recommended practices which need to be further refined and standardized for different ecosystems. Work on development of short-duration, high-yielding varieties, appropriate seeding techniques, water harvesting and recycling, post-emergence herbicides, biotic and abiotic stresses etc. need to be strengthened.

9.6 Crop-specific information on area expansion: Based on biophysical conditions, farm resources and market demand, likely coverage of area under each crop in different states/ region need to be estimated. This would facilitate area expansion in phased manner by arranging critical inputs.

9.7 Periodic GIS mapping: In order to monitor impact of R&D efforts on area expansion in rice fallows under different crops, cropping systems and soil health, periodic monitoring through GIS is required.

9.8 Creation of community water reservoirs: Despite heavy rains during *khari* season, soil moisture becomes the most critical limiting factor for raising second crop during winter as most of the runoff is wasted. It is, therefore, necessary to create farm pond and community water reservoirs in the area well supported by Government. This will serve as important source for life-saving and supplemental irrigation. Further, the loss of soil and plant nutrients from productive lands will be reduced.

9.9 Quality seeds: Timely availability of quality seeds is often a major constraint for delayed planting and poor yields. Hence, community-based seed production programmes need to be launched with appropriate processing and storage facilities. The national and state seed Corporations should strengthen their activities in these areas.

9.10 Ensuring timely availability of other critical inputs: Traditionally, the winter crops on residual soil moisture are grown using local varieties without application of plant nutrients, bio-fertilizers, fungicides and other agro-chemicals due to their non-availability. Since crop productivity is the driver for area expansion, which in turn is influenced by better crop management, emphasis needs to be placed on timely availability of all critical inputs.

9.11 Marketing infrastructure: Marketing plays a key role in enthusing farmers for crop production. Well organized marketing and processing of farm produce need attention.

9.12 Protection from stray cattle: Blue bull and other stray cattle cause heavy damage to pulses and thus discourage farmers to grow winter crops. Appropriate policies are needed to tackle this menace. To avoid crop damage by stray cattle, open grazing lands at panchayat level should be earmarked. These activities should be the part of state level planning.

9.13 Recommendations based on Performance NLMT Reports

- Under NFSM-pulses, *additional area coverage programme of spring/summer season and RKVY-TRFA*, the development efforts on increasing productivity of pulses in rice fallow areas includes identification of suitable varieties, planting methods, foliar nutrition and plant protection, refining and packaging improved technologies etc are based on the past experience, to address different problems.
- i) **Selection of crops and varieties:** should be decided on the basis of winter temperature, soil texture, soil moisture content etc. (*In lentil and gram, small seeded varieties due to better contact with soil, less rotting be selected*)
- ii) **Seed priming and optimum seed rate:** Overnight soaking of seeds (seed priming), hastens seed germination and crop establishment under relay cropping. Adoption of 20-25% higher seed rate over the recommended rate is recommended ensures desired plant stand.
- iii) **Foliar nutrition:** Since application of fertilizers under relay cropping is not feasible, seed pelleting and foliar application of nutrients should be practiced. Foliar application of 2% urea at flowering and pod formation significantly improves yields of chickpea under rainfed conditions by increasing leaf N content and making them photosynthetically more active. Seed pelleting with micronutrients like Zn and Mo is also recommended as a part of nutrient management strategy in rice fallows.
- iv) **Planting strategy:** In rice fallows, planting is generally delayed. Under relay planting, seeds should be broadcast 2-5 days before harvest of rice. Zero-till seed-cum-fertilizer drill should be used wherever feasible when planting is done after harvest of rice. It is necessary to use short to medium maturing varieties of rice for timely planting of *rabi* crops.
- v) **Plant protection:** Since post-emergence herbicides are not commercially available specially for crops like chickpea and lentil and inter-cultivation is difficult due to hard soil, hand pulling of weeds is the only option which should be done at an early stage. Post-emergence herbicide (***Imazethapyr @ 50 g/ha***) has been found quite effective against seasonal grassy weeds in crops like groundnut, urdbean and mungbean. It should be applied at 3-4 leaf stage. Similarly, ***quizalofop*** can be used to check ratooning of rice stubbles which cause substantial moisture loss. Insect-pests and diseases should be promptly controlled. Seed dressing with fungicides like *carbendazim* should be done.
- vi) Issues based major technological interventions and region specific varieties are summarized under ***Table 9.2 (a) and (b)***.

Table 9.2 (a): Major technological interventions

Issues	Interventions	Action
Lack of suitable cultivars	Development of high-yielding varieties with appropriate maturity duration	ICAR-IIPR
Poor crop stand and establishment	Tillage machines, sowing methods, seed priming, higher seed rate, timely planting, seed treatment with fungicides	SDA/SAUs
Diseases and pests	Development of IPM modules	SDA/SAUs/NCIPM
Weed menace	Post-emergence herbicides like <i>Quizalofop ethyl</i> and <i>Imazethapyr</i>	SDA/SAUs/DWR
Nutrient management	Foliar spray of urea/DAP to supplement N and P	SDA/SAUs
Micronutrient deficiencies	Mo, B, Zn as seed pallets	SDA/IISS
Terminal moisture/heat stress	Residue mulching	SDA/SAUs/CRIDA
Non-availability of quality seeds	Informal and formal seed production and supply systems	SDA/SSC/NSC
Lack of mechanization	Tillage machines, zero-till planter and harvester	SDA/SAUs/CIAE
Poor transfer of technology	Innovative farmer's participatory approach	SDA/SAUs/KVKs

Table 9. 2 (b): Performance based recommendation

Region Rec. Crops & Varieties	Eastern Plains	Central region	Coastal Region
Lentil	Rust- A major threat Small seeded lentil varieties having resistance to rust WBL-77, KLS-218, PL-8, NM-1, DPL-15	1. Chickpea var Pusa-372, PG-186, Udai 2. Small seeded chickpea var. JSC-55, JSC-56, JG-14, vijay, JG-315, JAKI-9516 3. Lathyrus- var- Ratan, Prateek, Mahateora	Powdery Mildew a major threat 1. Urdbean-var.- powdery mildew resistance var., LBG-17, LBG-602, LBG-623 Urdbean Normal planting var. (Mid Nov to Mid Dec) LBG-402, LBG-611, LBG-22, LBG-648, LBG-685, LBG-645, LBG-709, LBG-752 2. Late Planting Urdbean (II nd fortnight of Dec) var. LBG-22, LBG-645, LBG-709, LBG-752 3. Mungbean varieties (Normal Planting) LGG-460, LGG-410, LGG-450, LGG-407, IM- 96-3, Pusa 9072, NARM-1,2 and 18.

Source: Policy Paper 64: Improving Productivity of Rice Fallows

9.14 Diversification: Replacement of less remunerative crops with pulses : More than 5 Lha area of upland paddy, 4.5 Lha of millets and 3 Lha area under barley, mustard and wheat may be diverted under kharif/rabi pulses.

9.15 Cultivation of spring/summer pulses: More than 20 Lha vacated by wheat, peas, potato, sugarcane and lentil may be brought under spring/ summer pulses with critical irrigation support in the states of Bihar (3 Lha), TN (2.31 Lha), Odisha (2.14 Lha) MP (1.51 Lha), UP (1.36 Lha), AP (0.74 Lha), WB (0.61 Lha), Gujarat (0.40 Lha), CG (0.20 Lha), Punjab (0.20 Lha). During kharif 2017 against the state's target of 19.45 Lha, an area of 12.52 Lha (Mung 8.63+ Urd 3.61) was covered.

(Note: Figures in parentheses is the coverage during Spring/Summer 2017 as per WWR of DPD, Bhopal).

9.16 Promotion of intercropping and utera cultivation: Intercropping of pulses is the best approach for increasing production of pulses through horizontal expansion. The farmers in rainfed states of Karnataka, Gujarat, MP, CG, MS and AP are traditionally cultivating pulses. Besides increasing the total productivity of the system, legume plays an important role in economizing the use of resources, particularly N fertilizer. Wheareas, mungbean and urdbean are ideal intercrop with spring planted sugarcane under irrigated/rainfed conditions. Cotton and spring summer sunflower, lentil, fieldpea, chickpea and rajmash are also ideal intercrops with autumn planted sugarcane under irrigated conditions.

In AP, out of 9 Lha groundnut area, 4 Lha alone goes under intercropping (GN+ Tur- 7:1, 11:1); (Cotton+ Tur-1:11,1:12,1:7); (Maize/Jowar+ Tur- 2:1); (Mung/Urd+ Redgram- 7:1).

Table 9.3 : Prominent intercropping systems

States	Intercropping Systems
Andhra Pradesh	Pigeonpea+Groundnut/castor, Chickpea+Sunflower, Rice + Mungbean / Urdbean, Tapioca+Mungbean/Urdbean
Bihar	Pigeonpea+Maize/Small millets/Turmeric, Chickpea+ Mustard/Linseed, Lentil+Mustard, Fieldpea+Mustard,Potato+Common bean, Rice+Pigeonpea
Gujrat	Pigeonpea+Groundnut, Cotton+ Pigeonpea, Pearl millet +Mothbean, Castor+Urdbean/Munhgbean/Cowpea/Horse gram
HP	Maize+Urdbean/Soybean/Cowpea/Common bean
Karnataka	Pigeonpea+Horse gram/Small millets/Cowpea/Groundnut, Finger millet+Horse Gram, Chickpea+Sunflower, Tapoca+Mungbean/Urdbean
Madhya Pradesh	Pigeonpea +Pearlmillet/Sorghum/Urdbean/Mungbean/Castor/Soybean, Pearl millet+Mungbean/Urdbean, Chickpea+ Mustard/ Wheat/ Barley/ Linseed, Field pea + Mustard,Lentil +Linseed/Mustard/Barley, Cotton+Pigeonpea
Maharashtra	Pigeonpea+Sorghum/Maize, Cotton+Pigeonpea/Mungbean/Urdbean, Grd.nut+Pigeonpea
Orissa	Pigeonpea+Ground nut, Tapioca+Mungbean/Urdbean
Punjab & Haryana	Chickpea+Wheat/Barley/Mustard/Linseed, Sugarcane+Summer Mungbean /Urdbean /Chickpea, Pigeonpea+Mungbean/Urdbean, Urdbean+Maize, Maize + Soybean
Rajasthan	Pearl millet+Urdbean/Mungbean/Cowpea/Mothbean, Sorghum+Mothbean, Clusterebean+Mothbean, Chickpea+Barley/Mustard/Wheat
Tamil Nadu	Pigeonpea+Sorghum, Tapioca+Mungbean/Urdbean, Sugarcane+Urdbean
Uttar Pradesh	Pigeonpea+Pearl millet/Sorghum/Castor/Maize/Urdbean/Mungbean, Pearl millet +Urdbean/Mungbean, Sugarcane+ Urdbean/Mungbean/Field pea/Chickpea, Chickpea+Wheat/Barley/Linseed/Mustard.
West Bengal	Sunflower+Mungbean, Chickpea+Mustard/Lentil, Jute+Urdbean

Source: Adopted from Sekhon and Singh (2005)

Scope of area expansion for increasing pulses production through intercropping is indicated under **Table 9.4.**

Table 9.4: Scope of area expansion through intercropping system manipulation

Crop	Intercropping with	Specific Area
Mungbean/ Urdbean	• Spring planted sugarcane (irrigated) • Cotton and Millets (Rainfed upland) • Spring/Summer Sunflower (Rainfed upland)	• Western U.P., Central U.P. and North Bihar, Maharashtra, A.P. and T.N. Western U.P., Haryana and Punjab
Lentil, Field pea, Chickpea, Rajmash	• Autumn planted sugarcane (irrigated)	• Western U.P., Central U.P. and North Bihar
Rajmash	• Potato	• Western U.P., Central U.P. and North Bihar
Pigeonpea	• Soybean, Sorghum, Cotton, Millets and Groundnut (Rainfed upland)	• A.P. Malwa Plateau of M.P., Vidarbha of M.H., North Karnataka, North T.N. South East Rajasthan, Punjab, Haryana, U.P. and Bihar
Chickpea	• Barley, Mustard and sunflower (Rainfed upland)	• South East Rajasthan, Punjab, Haryana, U.P., Bihar, Vidarbha of Maharashtra

Chapter-10

Major Pulses District

10.1 DELINEATION OF PULSES DISTRICTS: MP & CG (BASED ON AVERAGE AREA AND PRODUCTIVITY OF THE STATES 2016-17)

Crops	States	LALP	LAHP	HALP	HAHP
Total pulses	MP	Datia, Mandsaur, Dindori, Betul, Shajapur, Alirajpur, Singroli, Aagar, Mandla, Anuppur, Umaria, Barwani, Shahdol (13)	Sehore, Hoshangabad, Chhindwara, Dewas, UjjainKatni, Indore, Sidhi, Khargone, Balaghat, Morena, Khandwa, Bhopal, Bhind, Gwalior, Neemuch, Harda, Jhabua, Sheopurkala, Burhanpur (20)	Sagar, Vidisha, Chattarpur Ashoknagar, Rewa, Tikamgarh, Rajgarh, Shivpuri, Guna, Seoni, Dhar, Ratlam (12)	Damoh, Satna, Narsinghpur, Raisen, Panna, Jabalpur (06)
	CG	Koriya, Surguja, Balrampur, Korba, Surajpur, Kondagaon, Mahasamund, Jagdalpur, Sukama, Narayanpur, Bijapur, Dantewada (12)	Bilaspur, Raipur, Durg, Janjgir (04)	Raigarh, Balod, Gariaband, Baloda bazaar, Kanker, Dhamtari, Jashpur (07)	Rajnandgaon, Bemetara, Kabirdham, Mungeli (04)
Gram	MP	Betul, Mandsaur, Aagar, Seoni, Harda, Datia, Bhopal, Neemuch, Mandla, Singroli, Dindori, Tikamgarh, Umaria, Anuppur, Alirajpur (15)	Jabalpur, Katni, Balaghat Khargone, Sidhi, Khandwa Gwalior, Bhind, Jhabua, Sheopurkala, Morena, Burhanpur, Barwani (13)	Sagar, Vidisha, Ashoknagar, Sehore, Ujjain, Rajgarh, Dhar, Ratlam, Chhindwara, Shajapur (10)	Damoh, Satna, Raisen, Dewas, Narsinghpur, Panna, Chattarpur, Shivpuri, Guna, Indore, Hoshangabad Rewa (12)
	CG	Korba, Bijapur, Dantewada, Gariaband, Balrampur, Surajpur, Narayanpur (07)	Durg, Balod, Raipur, Korba Kanker, Baloda bazaar, Sarguja, Bilaspur, Raigarh, Kondagaon, Jaspur, Jagdalpur, Mahasamund, Janjgir (14)	Kabir dham, Rajnandgaon (02)	Bemetra, Mungeli, Dhamtari (03)
Arhar	MP	Bhopal, Sagar, Umaria, Jabalpur, Seoni, Khandwa, Sehore, Anuppur, Katni, Chattarpur, Barwani, Dhar, Ujjain, Vidisha, Aagar, Sheopurkala (16)	Mandla, Jhabua, Bhind, Panna Khargone, Balaghat, Burhanpur (07)	Satna, Rewa, Betul, Singroli (04)	Narsinghpur, Raisen, Sidhi Chhindwara, Damoh, Morena, Hoshangabad (07)
	CG	Baloda bazaar, Bilaspur, Balod Dhamtari, Mahasamund, Sukama, Bijapur, Jagdalpur, Raipur, Dantewada, Narayanpur (11)	Kondagaon, Durg, Janjgir, Korba, Mungeli (05)	Gariaband, Kabirdham, Korba, Jaspur, Surajpur (05)	Rajnandgaon, Balrampur, Raigarh, Sarguja, Bemetra (05)

Crops	States	LALP	LAHP	HALP	HAHP
Urd	MP	Rewa, Singroli, Anuppur, Seoni, Dindori, Sidhi, Umariya, Bhopal, Betul, Khargone, Katni (11)	Ratlam, Panna, Narsinghpur Rajgarh, Shahdol, Neemuch Jhabua, Barwani, Khandwa, Gwalior, Hoshangabad, Dhar Aagar, Burhanpur, Bhind, Mandla, Ujjain, Balaghat (18)	Sagar, Ashoknagar, Shivpuri, Guna, Satna, Raisen, Datia (07)	Tikamgarh, Chattarpur, Damoh, Alirajpur, Mandsaur, Jabalpur (06)
	CG	Korba, Balod, Janjgir, Bilaspur, Mungeli (05)	Baloda bazaar, Jagdalpur Kabir dham, Narayanpur, Bijapur, Sukama, Dhamtari, Raipur, Bemetra, Dantewada, Durg (11)	Raigarh, Mahasamund, Korba, Kaker, Surajpur (05)	Jaspur, Kondagaon, Rajnandgaon, Gariaband, Sarguja, Balrampur (06)
Mungbean	MP	Sagar, Chattarpur, Anuppur, Ujjain, Datia, Betul, Alirajpur, Balaghat (08)	Panna, Mandsaur, Aagar, Bhind (04)	Rewa, Barwani, Satna, Tikamgarh, Khargone, Damoh (06)	Hoshangabad, Jabalpur, Dhar, Shivpuri, Narsinghpur, Sidhi (06)
	CG	Sukama, Korba, Balod, Surajpur, Janjgir, Korba, Dhamtari, Kabirdham, Bilaspur, Sarguja, Dantewada, Jaspur, Raipur, Durg (14)	Bijapur, Kondagaon, Baloda bazaar, Jagdalpur, Mungeli, Balrampur, Bemetra (07)	Gariaband, Mahasamund (02)	Raigarh, Rajnandgaon, Kaker (03)
Pea	MP	Tikamgarh, Vidisha, Raisen, Satna, Rajgarh, Hoshangabad, Balaghat, Anuppur, Betul, Ratlam, Umariya, Ashoknagar, Indore, Aagar (14)	Katni, Bhind, Gwalior (03)	Narsinghpur, Seoni, Dindori, Sagar, Damoh (05)	Panna, Jabalpur, Datia, Chattarpur (04)
	CG	Janjgir, Rajnandgaon, Balod, Mungeli, Kabirdham, Bemetra, Korba, Narayanpur, Durg, Bijapur, Dantewada (11)	Jagdalpur, Mahasamund, Raipur (03)	Kaker, Jaspur (02)	Raigarh, Baloda bazaar, Korba, Sarguja, Gariaband, Balrampur, Dhamtari, Kondagaon, Surajpur, Bilaspur (11)
Lentil	MP	Shajapur, Ashoknagar, Katni, Anuppur, Mandsaur, Sidhi, Bhind, Umariya, Singroli, Shahdol, Chhindwara, Sehore, Tikamgarh, Balaghat, Morena (15)	Chattarpur, Shivpuri, Bhopal, Datia, Guna (05)	Satna, Dindori, Rajgarh, Rewa, Damoh, Panna, Mandla, Seoni (08)	Sagar, Narsinghpur, Vidisha, Raisen, Jabalpur (05)
	CG	Balrampur, Surajpur, Gariaband, Kaker, Jaspur, Kondagaon, Korba, Jagdalpur, Narayanpur, Mahasamund (10)	Dhamtari, Durg, Balod, Bilaspur (04)	Rajnandgaon, Kabirdham, Korba (03)	Bemetra, Sarguja, Raipur, Raigarh, Baloda bazaar, Mungeli (05)
Lathyrus	CG	Korba, Gariaband, Durg, Kabir dham, Jaspur, Korba, Kondagaon, Narayanpur, Jagdalpur, Sarguja (10)	Kaker, Raigarh, Mahasamund, Surajpur, Balrampur (05)	Balod, Baloda bazaar, Rajnandgaon, Raipur, Bemetra (05)	Mungeli, Bilaspur, Dhamtari, Janjgir (04)
Horse gram	CG	Jaspur, Mahasamund (02)	Balrampur, Surajpur, Kondagaon, Narayanpur, Dantewada, Bijapur, Bilaspur, Sukama, Balod, Dhamtari, Janjgir, Baloda bazaar (12)	Raigarh, Kaker, Sarguja, Jagdalpur (04)	Korba, Gariaband, Rajnandgaon, Korba (04)

Chapter-11

Miscellaneous

(DANIK BHASKAR, BHOPAL, DATED: 25.12.2018)

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(Shri Sanjay Aggarwal, Secretary, (AC&FW))

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gkykafd] [kk] rsyksa dh c<rh ekax vkSj de mRiknu {kerk ds dkj.k [kk] rsyksa dk lkykuk 1-40&1-50 djksM Vu vk;kr djuk iM jgk gSA 2017&18 esa ?kjsyw [kk] rsyksa dk mRiknu 1-05 djksM Vu jgk

vkSj yxHkx 74]996 djksM :i, ds 1-53 djksM Vu [kk] rsyksa dk vk;kr fd;k x;kA rhu o"khZ; dk;Zdze ds rgr frygu dk mRiknu 2022 rd 4-60 djksM Vu djus dk y{; gSA blls djhc 1-6&1-7 djksM Vu [kk] rsy feysxkA

blds vykok jk"V^ah; [kk] lqj{kk fe'ku $\frac{1}{4}$ frygu $\frac{1}{2}$ ds varxZr ukS fryguh Qlyksa ewaxQyh] lks;kchu] ljlksa] fry] lwjteq[kh] dqlqe] ukbtj] vjaMh] vylh ds lkFk&lkFk vkWbyikWe] dikl cht] pkoy dh Hkwlh] ukfj;y bR;kfn dks Hkh c<kok fn;k tk jgk gSA fdlkuksa ds fy, eqf'dy cuh dherksa dh vfLFkjrk dks ns[kdj ljdkj us 500 djksM :i, dh ewY; fLFkfjdj.k fuf/k LFkkfir dh gSA dqN jkT;ksa esa ,e,lih rFkk eaMh gLr{ksi ;kstuk vey esa ykbZ tk jgh gSA

-2-

;g fdlkuksa dks etcwju fcdzh ds f[kykQ lqj{kk nsrh gSA tgka rd vkus okys o"kZ esa [ksrh esa ubZ igy dk loky gS 2019 esa [kk] ,oa iks"k.k lqj{kk dh n`f"V ls feysV~l $\frac{1}{4}$ eksVk vukt $\frac{1}{2}$ dks c<kok nsus ds fy, U;wV^ahflfj;y ij u;k fe'ku 'kq: fd;k x;k gS rkfd 'kq"d] v/kZ&'kq"d {ks=ksa esa tyok;q ifjorZu ds izfr vf/kd lgu'khy Tokj] cktjk] jkxh] dksnks tSlh Qlyksa dh [ksrh dh tk ldsA nyguh dh rjg fryguh feysV~l ds fy, xq.koRrk iw.kZ iztud chtksa ds mRiknu ds fy, lhm gc dk;Zdze pyk;k tk;sxkA

Qly izlaLdj.k ea=ky; ,oa d`f"k ea=ky; ds lg;ksx ls 6000 djksM :i, ds vkoaVu ls iz/kkuea=h fdlku lEink ;kstuk dh 'kq:vkr dh xbZ gSA ,xzksizkslsflax DyLVjksa ds QkWjoMZ ,oa cSdoMZ fyadst ds tfj;s QwM izkslsflax {kerkvksa dk fodkl fd;k tk jgk gSA blls tgka 20 yk[k fdlkuksa dks ykHk feysxk ogha djhc 5-5 yk[k yksxks ds fy, jkstxkj iSnk gksxkA d`f"k mit dk mfpr ewY; fnykus gsrq jk"V<sup>a</sup>h; bysDV<sup>a</sup>kWfud d`f"k eaMh $\frac{1}{4}$ bZ&uke $\frac{1}{2}$ ds rgr ekpZ 2018 rd 585 eafM;ksa dk ,dhdj.k dj fy;k x;k gSA 415 eafM;ksa dks bZ&uke lysVQkWeZ ls tksMus dk dk;Z u, lky esa iwjk gks tk,xkA

nyguh feysV ds mRiknu esa ge izFke LFkku ij gS vkSj fo'o esa 28% ;ksxnku gekjk gSA blh izdkj feysV esa 1-65 djksM Vu mRiknu djds ge nqfu;k ds mRiknu esa 49% ;ksxnku nsrs gSA vjaMh ,oa fry esa Hkh Hkkjr uacj ou gS vkSj oSf'od mRiknu esa de'k% 88% vkSj 80% ;ksxnku nsrk gSA pkoy] ewaxQyh vkSj xUus esa Hkkjr nwljk lcls cMk mRiknd ns'k gS vkSj oSf'od mRiknu esa mldk ;ksxnku dze'k% 22%] 13% vkSj 19% gSA vPNs ekulwu o fofHkUu ;kstukvksa ds dkj.k 2017&18 esa Qlyksa dk fjdkMZ mRiknu gqvk gSA pkoy dk mRiknu 11-29 djksM Vu] xsgw; 9-97 djksM Vu] iks"kd vuktksa lfgr eksVk vukt 4-70 djksM Vu] nygu 2-52 djksM Vu vkSj dqy [kk|kUu 28-48 djksM Vu izklr gqvk gS] tks fiNys o"kZ dh rgyuk esa 3-53% vf/kd gSA Hkkjr cksokuh Qlyksa fo'ks"kr% Qy ,oa lfCt;ksa esa fo'o esa nwljk lcls cMk mRiknd gS vkSj 2017&18 esa 30-68 djksM Vu fjdkMZ mRiknu gqvk gSA ge cksokuh Qlyksa ds mRiknu esa vkRefuHkZj gksdj fu;kZrd Hkh gks x, gSA
