

NATIONAL FOOD SECURITY MISSION

NATIONAL LEVEL MONITORING (NLMT)

REPORT



STATE-CHHATTISGARH

NLMT-KHARIF : 2017



सत्यमेव जयते

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE & FARMERS WELFARE
(DEPARTMENT OF AGRICULTURE, COOPERATION & FARMERS WELFARE)
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Contents

S.NO.	PARTICULARS	PAGE NO.
	Preface	
1.	NFSM: Background	1-2
2.	Area of operation	2
3.	Monitoring Mechanism	3
4.	NLMT of CG: Composition	3
5.	State Profile: CG	4
6.	Sample Districts Profile: Kondagaon Jagdalpur	5
7.	Crop Scenario: Plan analysis (XI-XII Plan)	6-11
8.	Crop Coverage	
8.1	Kharif 2017 1 st Advance Estimate : 2017	12
8.2	Rabi Target: 2017-18	
9.	Financial Progress	
9.1	Allocation & Expenditure : (2016-17)	13
9.2	Allocation & Expenditure Kharif: (2017-18)	13
10.	Summary Field Visit/Activities	14-19
11.	Observations	20-21
12.	Proceedings of the briefing meeting dated Sept., 4 th , 2017 organized by the National Level Monitoring Team (NFSM) in the Directorate of Agriculture, Raipur, CG	21-22
13	Wrap-Up Meeting	23-26
14	Recommendations	27-28
	Field Photographs and New Clips	29-38

Annexures

S.NO.	PARTICULARS	PAGE NO.
I	Rainfall Status of State (Last Three Year)	1
II	State Seed & Fertilizer : Demand, Availability and Distribution	2-6
III	A. Cluster Demonstration (Different Ecosystem) B. Irrigation Resources (Site Specific)	7
IV	Approved Cost Norms & Input Cafeteria :2017-18	8-10
V	Subsidy Pattern under NFSM Implements	11-12
VI	Progress of Cluster FLDs, Seed Hub and ABSP	13-14
VII	Progress of Seed-hub Programme KVK- Rajnandgaon	15-18
VIII	KVK-Wise & Crop-Wise CFLDs: NFSM- Pulses & NMOOP 2017-18	19-22
IX	Allocation And Distribution of NFSM Seed Minikit (Pulses & Oilseed) : Kharif 2017	23-26
X	District wise /Crop Wise Varieties 2016-17 & 2017-18	27-29
XI	Production Targets & Progress : Seed Hub 2017-18	30-32
XII	NFSM: Physical and Financial Progress during 2017-18	33-38
XIII	Allocation & Expenditure of Central Sponsored Schemes: 2017-18	39-40
XIV	Pradhan Mantri Fasal Bima Yojana (PMFBY)- Kharif-2017	41
XV	Status Note on Crops Situation in the wake of Deficient/Erratic Rainfall in the State of C.G.	42-43

ABBREVIATIONS

1. AICRP-All India Coordinated Research Project
2. AES ó Agro-Eco System
3. APC ó Agriculture Production Commissioner
4. ATMA-Agriculture Technology Management Agency
5. BGREI- Bringing Green Revolution to Eastern India
6. BLB-Bacterial Leaf Blight
7. CSBD-Cropping System Based Demonstration
8. CDDs- Crop Development Directorates
9. CIAE-Central Institute of Agriculture Engineering
10. CIPHET-Central Institute of Post-Harvest Engineering and Technology
11. CHCs-Custom Hiring Centre
12. CSBD-Centre for Small Business Development
13. DFSMEC-District Food Security Mission Executive Committee
14. DSR- Direct Seeded Rice
15. FIGs- Farmers Interest Group
16. FPOs-Farmer-Producer Organization
17. GOI- Government of India
18. GPS- Global Positioning System
19. HYV-High Yielding Varieties
20. ICAR-Indian Council of Agricultural Research
21. IGKV- Indira Gandhi Krishi Vishva Vidyalaya
22. IPM-Integrated Pest Management
23. KVK- Krishi Vigyan Kendra
24. MIDH-Mission for Integrated Development of Horticulture
25. MULLaRP- Mungbean Urdbean Lentil Lathyrus Rajmash & Pea
26. NRM- Natural Resource Management
27. NMAET - National Mission on Agricultural Extension & Technology
28. NFSM-National Food Security Mission
29. NFSMEC-National Food Security Mission Executive Committee
30. NGOs-Non Government Organization
31. NLMT-National Level Monitoring Team
32. NMOOP ó National Mission on Oilseed & Oil palm
33. NMSA- National Mission for Sustainable Agriculture
34. PACS-Primary Agriculture Cooperative Societies
35. PPVFRA- Protection of Varieties and Farmer's Rights Acts
36. PRIs- Panchayati Raj Institutions

- 37. RCT-Resource Conservation Technology
- 38. RAEOs- Rural Agriculture Extension Officer
- 39. SAMETI- State Agriculture Management And Extension Training Institute
- 40. SAUs-State Agriculture University
- 41. SHGs- Self Help Group
- 42. SDA- State Department of Agriculture
- 43. SFSMEC-State Food Security Mission Executive Committee
- 44. SRI-System of Rice Intensification
- 45. SSC- State Seed Corporation
- 46. TA ó Technical Assistant
- 47. TOT-Transfer of Technology

PREFACE

The Government of India, Department of Agriculture, Co-operation and Farmers Welfare, Ministry of Agriculture & Farmers Welfare is implementing various agricultural development schemes/ programmes like NFSM, NMOOP, BGREI, NMSA, RKVY, PKVY, PMKSY, NMAET (SMAM, SMSP & Extension Reforms/ATMA), NHM, PMFBY, SHC, NAM etc. The major crop development interventions during 2016-17 are through NFSM, NMOOP and RKVY. To effectively monitor the implementation of these interventions at the field level, the DAC&FW has constituted National Level Monitoring Team (NLMT) under the National Food Security Mission (*NFSM-Rice, Wheat, Pulses, Coarse Cereals and Commercial Crops*). The NLMT comprises of the Director, Crops Development Directorates (Directorate of Pulses Development) as Convener/Team Leader, 03 Principal/Sr. Scientists as Subject Matter Specialist (SMSs) representing ICAR/SAUs and State Mission Director, NFSM/Nodal Officer.

The Terms of Reference (TOR) of this Central Team suggest mandatory monitoring at least once in each crop season (*Kharif, Rabi & Spring/Summer*); to conduct in-depth inspection of the executed activities in consonance to Mission's mandate and Approved Action Plan and to study the 'Local Initiatives', to study quantitative, qualitative achievements and impact of the Transfer of Technology (ToT), delivery mechanism in totality taking all CSS/CS/State plan schemes in a district, and providing analytical report on observations and suggestions/recommendations for further necessary corrections at the level of state stakeholders for better implementation of the Mission and desired mandated outcome.

The Team visited the state of Chhattisgarh between September 04th to 7th 2017. The composition of the Monitoring Team was broad based and included the experts from ICAR-AICRP/SAUs. The Team interacted with the farmers individually in the field and also by organising *Kisan Gosthies*. The Wrap-up meeting with ACS/APC and Deputy Directors of 07 districts of Bastar Division, Govt. of Chhattisgarh was also convened at the end of the field visit. The report has tried to capture the impact of NFSM implementation, during XIIth five year plan over to XIth plan programme implementation.

I am thankful to the ACS/APC, Secretary (Agri.), Director (Agri.), Director (SAMETI) Govt. of Chhattisgarh for facilitating the monitoring/visit and the Vice Chancellor, IGKV, Raipur for nominating experts/scientists to represent the NLMT. I acknowledge the contribution of my technical officers, Dr. A.K. Shivhare, Assistant Director; Smt. Ashwini Bhoware and Shri. Sateesh Dwivedi, Technical Assistant, (PMT) Directorate of Pulses Development, Bhopal in bringing out the report publication.

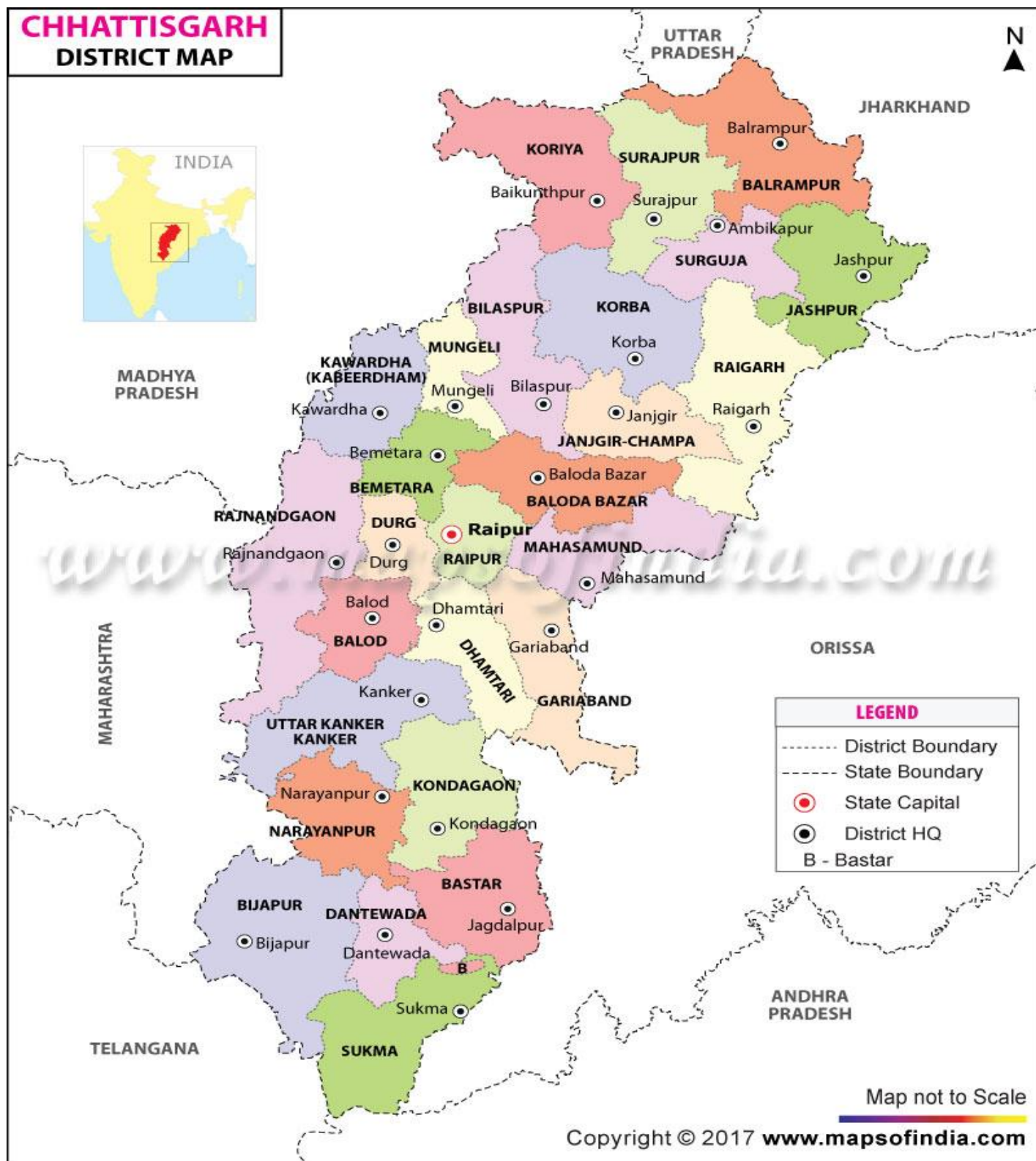
Bhopal (M.P.)
26th Sept, 2016

(A.K.Tiwari)
Director

AGRO-CLIMATIC ZONE OF CHHATTISGARH



DISTRICT MAP OF CHHATTISGARH



CHHATTISHGARH NATIONAL LEVEL MONITORING TEAM REPORT (KHARIF - 2017) TO REVIEW THE IMPLEMENTATION OF NATIONAL FOOD SECURITY MISSION (RICE, PULSES AND COARSE CEREALS) FROM 04th-07th SEPTEMBER, 2017

NFSM: BACKGROUND

- 1.1 The National Food Security Mission, a Centrally Sponsored Scheme (CSS) on Crop/commodity development programmes for Rice, Wheat and Pulses was launched during the 11th five year plan (2007-08 to 2011-12) consequent upon the recommendation of 53rd Meeting of National Development Council dated May 29th, 2007. The Mission envisaged to achieve additional food-grain production of 20 million tonnes from the base year 2006-07 consisting of Rice, Wheat & Pulses by 10, 8 and 2 million tonnes respectively by the end of Eleventh Plan (2011-12). During 2011-12, the all India foodgrains production was 259.29 million tonnes, a hike of 42 MT additional production from the base year 2006-07. An Additional increase of 11, 19 and 2.89 million tonnes under rice, wheat and pulses respectively was recorded. Increase in per hectare yield of pulses was 87 kg (612 kg to 699 kg/ha) while increase in wheat and rice was 469 kg (3177 kg/ha) and 272 kg/ha (2393 kg).
- 1.2 During 12th Plan, the NFSM with the other four Missions, viz. NMAET, NMSA, NMOOP & MIDH is continued. The pattern of Central assistance under NFSM has been 100 per cent up-till 2014-15.
- 1.3 The Twelfth Plan NFSM (2012-13 to 2016-17), revamped from 2014-15 and is under implementation with five components viz. i) NFSM- Rice, ii) NFSM-Wheat, iii) NFSM-Pulses, iv) NFSM-Coarse Cereals (millets) and v) NFSM-Commercial Crops (Jute, Cotton, Sugarcane).
 - 1.3.1 A target of an additional production of 25 million tonnes of food grains i.e. from 259.29 MT to 284.29 over the base year of XIth Plan (*i.e.* 2011-12) comprising Rice-10 million tonnes, Wheat - 08 million tonnes, Pulses - 04 million tonnes & Coarse Cereals-03 million tonnes, is targeted to be achieved at the end of 12th Plan (2016-17). The IVth advanced estimate records a total foodgrain production of 275.68 MT comprising Rice (110.15 MT), Wheat (98.38 MT), Pulses (22.95 MT) and Coarse Cereals (44.19 MT). An Additional increase of 4.85, 3.50, 5.86 and 2.18 Million Tonnes under Rice, Wheat, Pulses and Coarse Cereals respectively was recorded.
 - 1.3.2 The existing Centrally Sponsored Scheme have also been rationalized and 03 schemes viz. (i) Krishi Unnati Yojana (ii) National Crop Insurance Programme (NCIP) and (iii) Pradhan Mantri Krishi Sinchai Yojana (PMKSY) are operational since 2015-16. NFSM-2015-16 is a part of Krishi Unnati Yojana (State Plan). From 2017-18, the revamped NFSM under State Plan Scheme of Krishi Unnati Yojana (State Plan) with interim sharing pattern of 60:40 and 90:10 for NE & hilly states between Centre and State is under implementation in 29 states.
 - 1.3.3 A total share of Rs. 2360.40 Crore (excluding commercial crops) with a central share (1495.22 and State share-865.18 Crore has been approved during 2017-18. For pulses Rs.

1504.48 Crore (Central- 935.38 + State-569.10); for Rice Rs. 460.37 Crore (Central- 303.25 + State-157.11); for Wheat Rs. 166.04 Crore (Central- 104.62 + State- 61.42) and NFSM Coarse Cereals Rs. 229.51 Crore (Central- 151.97 + State-77.54).

- 1.3.4 The total NFSM allocation during 2017-18 was for Chhattisgarh is 109.30 Crore with a Central Share of Rs. 65.58 and State's share of Rs. 43.72 Crore. For NFSM Pulses the total share is Rs. 52.67 Crore (Central ó Rs. 31.60 + State óRs. 21.07 crore); for NFSM Rice Rs. 53.76 Crore (Central- Rs. 32.25 + State ó Rs. 21.50 crores); for Coarse cereals Rs.2.88 Crore (Central- Rs. 1.73 + State ó Rs. 1.15 crores).
- 1.4 The basic strategy of the Mission is to focus on low productivity high potential districts, promote and extend improved technology package, implementation of cropping system centric interventions on technological package, agro-climatic zone wise planning and cluster approach demonstrations, Further 30% of total demonstrations would be Cropping System Based Demonstration (CSBD) with technical backstopping of ICAR/State Agricultural Universities (SAUs)/ on Rice, Wheat, Pulses; distribution of certified HYV seeds/Hybrid seeds, Resource Conservation Technology (RCT) tools, irrigation machineries/MIS, trainings and undertaking local initiatives to the tune of 9% of total budgetary allocation to improve productivity.
- 1.4.1 Special emphasis has also to be given by targeting reclamation of problematic soils, water logging areas and mitigation of adverse effects of climate change for high productivity areas, value chain integration (FPOs) and assistance to Custom Hiring Centre (CHCs). 30% of budgetary allocation has to be earmarked for women beneficiaries. To ensure equity, of the total budgetary allocation to a district proportionate expenditure under Special Component Plan (SCP) for SCs, Tribal Sub Plan (TSP) ó SMF and Women farmers at 16%, 8%, 33% and 30% respectively is mandatory.
- 1.4.2 Strengthening of infrastructure at ICAR/SAUs/ATARI/KVKs by *Breeder Seed Production Programme, Seed hubs, Cluster Front Line Demonstration*.

2. AREA OF OPERATION:2017-18

Commodities	All India		Chhattisgarh (No. of districts)
	No. of States	No. of District	
NFSM-Pulse	29	638	27
NFSM-Rice (all districts of NE states with 5000 ha area)	25	206	13
NFSM- Coarse cereals (Maize, Small Millet, Pearl Millet etc.) (districts covering 70% of state area)	28	265	09

3. MONITORING MECHANISM / MISSION STRUCTURE

Structure	Formation	Composition	Frequency of Meeting
National Level	i) General Council (GC)	Minister of Agriculture - Chairman Mission Director Secretary (NFSM)	Twice a year
	ii) NFSM- Executive Committee (NFSMEC)	Secretary (A & C)- Chairman Secretary (DARE)&DG (ICAR) Secretary (MoWR) Secretary (Deptt.of Fertilizer) Secretary (MoPR) Secretary (MoTA) Secretary (Deptt. of Social Justice & Empowerment) Secretary (MoW&CD) Adviser (Agriculture), Planning Commission Agriculture Commissioner Five Experts - Member Mission Director -Member Secretary	Quarterly
	iii) National Level Monitoring Team (NLMT)	Director CDDs- Co-Coordinator Scientist SAUs/JDA Member	Once in a crop season
State Level	State Food Security Mission Executive Committee(SFSMEC)	Chief Secretary State Mission Director - Member Secretary	6 Monthly
District Level	District Food Security Mission Executive Committee(DFSMEC)	District Collector/CEO-Chairman Zila Parishad DDA/DAO - Member Secretary	Quarterly

4. NLMT COMPOSITION

S. No.	Organization	Names and Designation
i.	Government of India Directorate of Pulses Development Min. of Agri. and Farmers Welfare (DAC&FW), Vindhyachal Bhavan, Bhopal.	Dr. A.K. Tiwari Director -Convenor/Team leader (Mob. No. 6 9425010489)
ii.	Department of Entomology, College of Agriculture, IGKV, Raipur (Email- sanjayigkv@yahoo.in)	Dr. Sanjay Sharma, Principal Scientist (Rice) - Member (Mob. No.- 9424224206)
iii.	Department of Plant Breeding & Genetics, College of Agriculture, IGKV, Raipur (Email- rn.raipur@gmail.com)	Dr. R.N. Sharma, Principal Scientist (AICRP-Chickpea) - Member (Mob. No.-9406300769)
iv.	Department of Agriculture Govt. of Chhattisgarh, Raipur (Email- zmbastar.cg@nic.in) (Office-07782-222282)	Shri. D.K. Bhoyar, Joint Director (Agri.), Bastar Division - Member (Mob. No.-9424225066)

5. STATE PROFILE

Particulars		STATUS	
Population(Crore)		2.56 (Male- 1.29, Female-1.28)	
Population Growth (%)		22.61 6 2011	
Forest Village		74	
Revenue Districts(Nos.)		27	
Block/ Janpad Panchayat (Nos.)		146	
Village Panchayat (Nos.)		10971	
Tehsil (Nos.)		150	
Total Village (Nos.)		20273	
KrishiUpajMandi(Nos.)		73	
Annual Rainfall (Ave.)		1296 mm (up to August 2017 - 823 mm)	
Land Use Pattern (Area : lakh ha)		Agricultural land use (Area -lakh ha)	
Geographical Area	138.00	Net sown area	47.75
Cultivable area	57.28 (41.53%)	Double Cropped Area	10.47
Forest area	63.15 (45.80%)	Gross cropped area	65.25
Land under non-agricultural use	10.30 (7.46%)	Kharif Area	47.75
Permanent pastures	5.25 (3.80%)	Rabi Area	17.50
Cultivable wasteland	3.51(2.55%)	Cropping Intensity	137%
Barren and uncultivable land	8.88 (6.43%)		
Current fallows	2.67 (1.93%)		
Irrigation (Area: lakh ha)		Source of Irrigation (Area : lakh ha)	
Net irrigated area	14.68	Canals	9.03 (61.55%)
Gross irrigated area	17.87	Tanks	0.43 (2.93%)
Rainfed area (to Cultivable Area)	39.41 (69%)	Open wells	0.20 (1.37%)
		Bore wells/ Tube Wells	4.28 (29.17%)
		Other Sources	0.73 (4.98%)
		Total Irrigated Area	14.67
Soil Type (Area - lakh ha)			
Alluvial Soil (Kachhar)	1.38 (2.7%)	Inceptisols (Matasi)	13.54 (26.9%)
Entisols (Bhata)	10.02 (20%)	Vertisols (Kanhar)	11.43 (22.8%)
Alfisols (Dorsa)	13.82 (27 %)	Land Classif. Total	50.19
Major Agricultural crops			
Kharif	Paddy, Pigeonpea. Soyabean, Maize, Mung, Urd, Kulthi		
Rabi	Wheat, Gram, Mustard, Safflower, Lathyrus, Field Pea, Lentil, Linseed, Groundnut		
Development Programme CSS / CS			
NFSM	NFSM-Paddy (13) ; Pulses (27); Coarse Cereals (09); PMT District- 27		
NMOOP	Mini Mission I- (Oilseeds) Mini Mission III- (TBOs)		
(*Source- ENVIS, Centre of M.P. State.)			

Note: Farm Families-37.46 lakh (80% small & Marginal farmers);> 57 % soil is medium to light Soil (i.e. Entisols, Alfisols & Inceptisols).

6. PROFILE :SAMPLE DISTRICTS

Particulars	Kondagaon	Jagdalpur
Population (2011 Census)	578326	125463
Block/Janpad Panchayat	05	07
Village Panchyat	263	317
Tehsil	05	07
Total Villages	179	115
Krishi Upaj Mandi	06	04
Annual Rainfall	1205 mm	11168 mm
Land Use Pattern (000 Ha)		
Geographical Area	605.1	1010.28
Cultivable area	137.5	52.18
Forest area	-	238.8
Land under non-agricultural use	10.6	73.15
Permanent pastures	8.6	40.76
Cultivable wasteland	-	-
Barren and uncultivable land	16.3	-
Current fallows	5.7	15.77
Other Fallows	3.7	13.04
Agricultural Land Use (000 ha)		
Net sown area	131.6	317.30
Double Cropped Area	5.6	21.60
Gross cropped area	137.2	338.89
Cropping Intensity (%)	104%	106%
Irrigation (000 Ha)		
Net irrigated area	4.8	8.27
Gross irrigated area	4.8	8.27
Rainfed area (to Cultivable Area)	132.4	-
Source of Irrigation (000 Ha)		
Canals (Nos.)	0.027	292 (12)
Tanks (Nos.)	0.543 (71)	862 (124)
Open wells (Nos.)	0.533 (2514)	529 (3055)
Bore wells/ Tube Wells (Nos.)	0.797	7764 (1000)
Other Sources (Nos.)	2.9	14326
Total Irrigated Area	4.8	23773
Major Crops		
Kharif	Paddy, Arhar, Maize, Urd	Paddy, Jowar, Arhar, Maize, Urd, Mung, Kodo-Kutki, Horsegram, Niger
Rabi	Wheat, Gram, Horsegram	Urd, Mung, Til, Mustard, Linseed

A. KHARIF CROPS

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

S. N.	Crops	State /AI	XI Plan			XII Plan			% Share in XII Plan			Increase/decrease over XI Plan			
			A	P	Y	A	P	Y	A	P	YI	A	P	Y	
A	Cereals														
	Paddy	CG	37.27	52.23	1402	38.08	66.97	1759	8.76	6.31	72	2.19	28.22	25	
		AI	436.53	972.49	2228	434.84	1061.85	2442				-0.39	9.19	10	
	Jowar	CG	0.05	0.06	1180	0.05	0.04	763	0.09	0.08	89	-3.07	-37.34	-35	
		AI	73.42	69.71	949	58.75	50.49	859				-19.98	-27.56	-9	
	Bajra	CG	0.00	0.00	1000	0.001	0.001	1000	0.001	0.001	82	0.00	0.00	0	
		AI	91.24	92.03	1009	74.05	90.20	1218				-18.84	-1.99	21	
	Maize	CG	1.03	1.61	1567	1.15	2.24	1949	1.26	0.94	74	11.63	38.84	24	
		AI	85.46	203.65	2383	90.97	238.79	2625				6.45	17.26	10	
	Small millet	CG	1.65	0.35	212	1.11	0.25	222	17.04	5.94	35	-32.60	-29.58	4	
		AI	8.80	4.57	519	6.53	4.16	637				-25.83	-8.97	23	
	*Kha. Coarse Cereals	CG	2.82	2.05	727	2.38	2.54	1068	0.99	0.63	64	-15.48	24.11	47	
		AI	272.20	390.73	1435	241.74	401.38	1660				-11.19	2.73	16	
	Total Cereals	CG	40.09	54.28	1354	40.47	69.51	1718	5.98	4.75	79	0.95	28.06	27	
		AI	708.73	1363.22	1923	676.58	1463.23	2163				-4.54	7.34	12	
*Kharif Coarse Cereals incl. (Jawar, Bajra, Maize, Ragi, Small Millets)															
B	Pulses														
	Arhar	CG	0.55	0.27	497	0.58	0.35	597	1.38	1.07	78	4.78	25.81	20	
		AI	37.90	26.66	703	42.00	32.33	770				10.84	21.28	9	
	Urd	CG	1.05	0.31	292	0.93	0.29	315	3.45	2.00	58	-11.05	-4.12	8	
		AI	23.24	11.09	477	27.01	14.69	544				16.20	32.45	14	
	Moong	CG	0.09	0.02	270	0.09	0.03	361	0.37	0.33	88	2.19	36.91	34	
		AI	26.41	10.50	397	24.90	10.27	413				-5.71	-2.12	4	
	Kulthi	CG	0.48	0.14	298	0.46	0.15	321	19.07	13.28	70	-4.49	2.68	8	
		AI	3.29	1.43	433	2.39	1.10	461				-27.54	-22.87	6	
	*Other Pulses	CG	0.05	0.02	317	0.02	0.01	590	0.13	0.20	149	-60.78	-27.04	86	
		AI	20.69	7.70	372	15.58	6.19	397				-24.69	-19.69	7	
	Total Pulses	CG	2.22	0.76	344	2.08	0.83	399	1.86	1.29	69	-6.34	8.72	16	
		AI	111.53	57.37	514	111.88	64.57	577				0.31	12.56	12	
	*Other Pulses incl.(Mothbean, Other & Other Pulses)														
	C.	Oilseeds													
	Soybean	CG	0.93	0.92	995	1.09	0.89	817	0.96	0.64	66	17.63	-3.49	-18	
		AI	95.70	111.60	1166	112.96	140.08	1240				18.03	25.52	6	
	G.Nut	CG	0.29	0.38	1349	0.26	0.36	1385	0.54	0.52	96	-8.77	-6.40	3	
		AI	58.15	74.06	1274	48.13	69.69	1448				-17.23	-5.90	14	
	Sesamum/ Til	CG	0.21	0.07	354	0.19	0.07	352	1.06	0.84	79	-9.62	-10.16	-1	
		AI	19.07	7.38	387	17.58	7.80	444				-7.81	5.72	15	
	Niger/ Ramtil	CG	0.70	0.12	173	0.64	0.11	177	23.81	13.03	55	-8.69	-6.60	2	
		AI	3.87	1.08	280	2.69	0.87	323				-30.47	-19.69	16	
	Total Oilseeds	CG	2.12	1.50	708	2.18	1.43	656	1.20	0.65	54	2.72	-4.81	-7	
		AI	176.79	194.13	1098	181.36	218.44	1204				2.58	12.52	10	
* Thousand bales of 170 kgs each.															

B. RABI PULSES

S. No.	Crops	State /AI	XI Plan			XII Plan			% Share in XII Plan			Increase/decrease over XI Plan		
			A	P	Y	A	P	Y	A	P	YI	A	P	Y
A.	Cereals													
1	Wheat	CG	1.03	1.15	1116	1.05	1.40	1338	0.34	0.15	44	1.97	22.25	20
		AI	286.38	843.65	2946	306.13	931.21	3042				6.90	10.38	3
2	Barley	CG	0.03	0.03	833	0.02	0.02	863	0.37	0.13	34	-20.51	-17.69	4
		AI	6.58	15.06	2289	6.72	16.84	2508				2.13	11.86	10
3	Total Cereals	CG	1.06	1.17	1107	1.07	1.42	1327	0.34	0.15	44	1.30	21.36	20
		AI	292.95	858.71	2931	312.85	948.06	3030				6.79	10.41	3
B.	Pulses													
1	Urd	CG	0.04	0.01	255	0.07	0.02	243	0.84	0.26	31	57.87	50.91	-4
		AI	7.84	4.11	524	8.15	6.31	775				3.89	53.53	48
2	Moong	CG	0.07	0.02	229	0.07	0.02	277	0.72	0.34	47	-1.98	18.52	21
		AI	7.54	3.34	443	9.60	5.64	588				27.40	68.85	33
3	Kulthi	CG	0.03	0.01	295	0.04	0.01	300	1.83	1.07	58	37.90	40.02	2
		AI	2.11	1.08	512	2.25	1.15	513				6.54	6.66	0
4	Gram	CG	2.44	2.22	908	2.84	2.66	935	3.18	3.15	99	16.31	19.78	3
		AI	82.18	72.42	881	89.28	84.43	946				8.63	16.58	7
5	Lentil	CG	0.16	0.05	322	0.16	0.06	389	1.13	0.58	51	0.55	21.41	21
		AI	14.64	9.60	655	13.77	10.41	756				-5.94	8.42	15
6	Lathyrus	CG	3.39	1.99	589	3.41	2.46	723	72.75	65.47	90	0.65	23.53	23
		AI	5.16	3.42	662	4.69	3.76	803				-9.19	10.14	21
7	Peas	CG	0.16	0.06	352	0.15	0.07	437	1.71	0.79	46	-2.70	20.77	24
		AI	7.16	6.22	869	9.01	8.49	942				25.95	36.48	8
8	*Total Pulses	CG	6.31	4.36	691	6.64	5.15	774	4.73	4.20	89	5.31	17.98	12
		AI	133.57	104.52	783	140.55	122.42	871				5.23	17.13	11
*Total Pulses incl. (Other Pulses)														

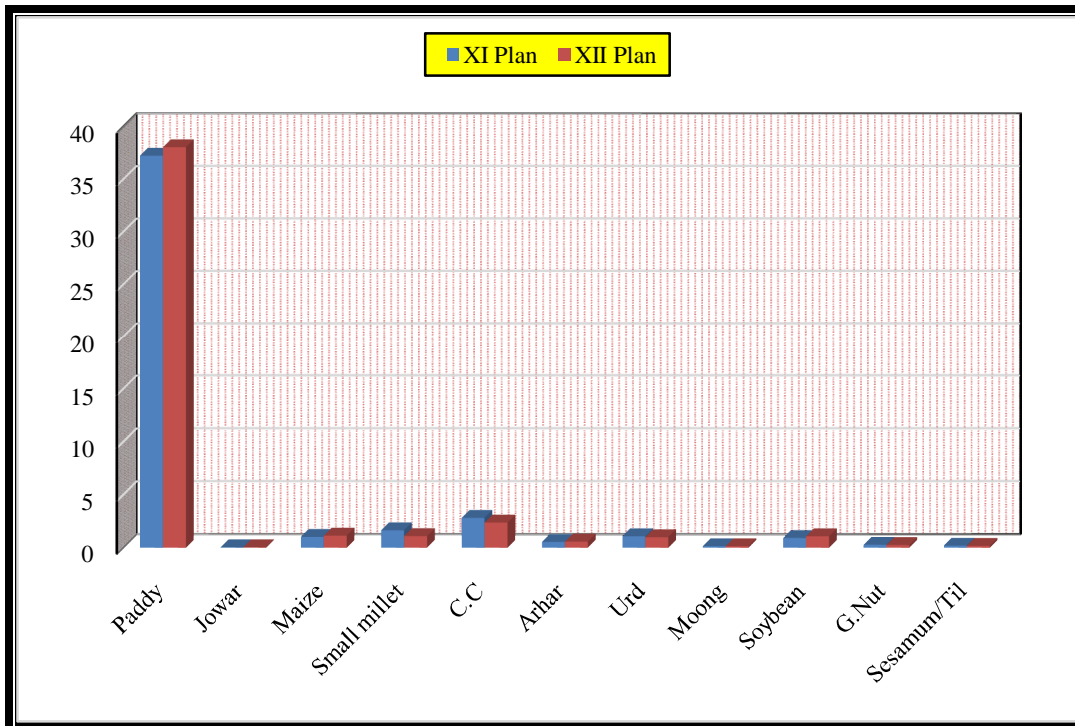
(A-Lakh ha, P-Lakh tonnes, Y-kg/ha)

S. No.	Crops	State/ AI	XI Plan			XII Plan			% Share in XII Plan			Increase/decrease over XI Plan		
			A	P	Y	A	P	Y	A	P	YI	A	P	Y
C.	Oilseeds													
2	Rapeseed /Mustard	CG	0.53	0.22	409	0.47	0.25	535	0.77	0.34	45	-11.23	16.22	31
		AI	61.01	68.85	1128	61.59	73.97	1201				0.95	7.44	6
3	Linseed	CG	0.45	0.14	301	0.29	0.10	355	9.95	7.13	72	-35.37	-23.97	18
		AI	3.80	1.57	413	2.93	1.45	495				-22.94	-7.71	20
4	Total Oilseeds*	CG	1.28	0.47	365	0.77	0.36	465	0.99	0.38	38	-39.77	-23.41	27
		AI	90.95	95.36	1048	77.65	93.86	1209				-14.63	-1.57	15
D	Sugarcane	CG	0.10	0.26	2491	0.18	0.47	2583	0.37	0.01	4	74.76	81.22	4
		AI	47.14	3258.30	69119	49.03	3427.73	69911				4.01	5.20	1
E	Jute & Mesta**	CG	0.01	0.03	355	0.01	0.02	333	0.15	0.02	14	-16.67	-21.83	-6
		AI	9.09	110.86	2195	8.08	109.08	2430				-11.12	-1.60	11
* Total Oilseeds include: Safflower, Sunflower & Castor), ** Thousand Bales of 180 kgs each.														

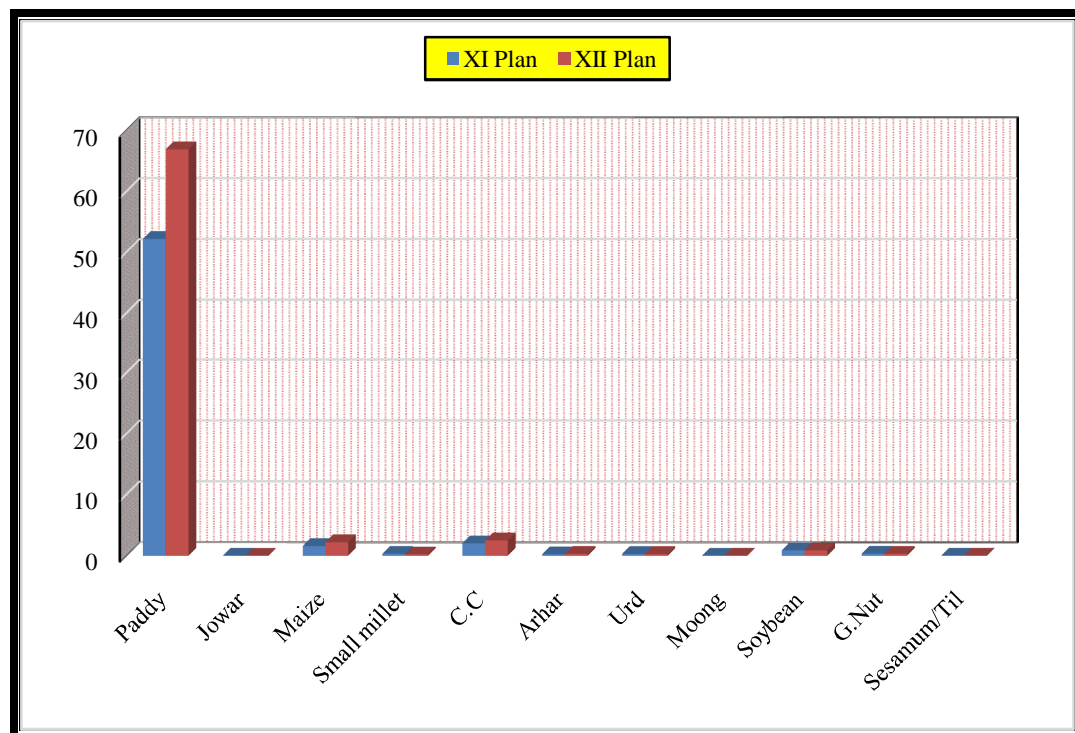
Rabi Impact Analysis: The comparative analysis of crop performance during the XIth Plan period and XIIth plan reveal that the NFSM interventions since 11th Plan has paid dividends in the production and yield of Wheat which is 22% and 20% higher during XIIth plan over its previous five year Plan and also seen under Sugarcane, Urd, Kulthi and Gram crop with an increase in area at >74, 57, 37 and 16 whereas, increasing trend in production at 81% 50% & 40% and 19% respectively. The crops replaced through this diversification in rabi season are Barley (>20%) Peas (> 2%), Mustard (>11%) and Linseed (>35%) of concern here. The production trend for kharif crops has shown an increasing trend in Sugarcane, Kulthi, Urd, Lathyrus, Wheat, Lentil etc. As regards the per hectare yield, quantum jump has been recorded under Mustard, Peas, Lathyrus, Wheat, & Mung/Lentil at >31, 24, 23 and 21% respectively.

CROP SCENARIO: XIth & XIIth PLAN – CHHATTISGARH

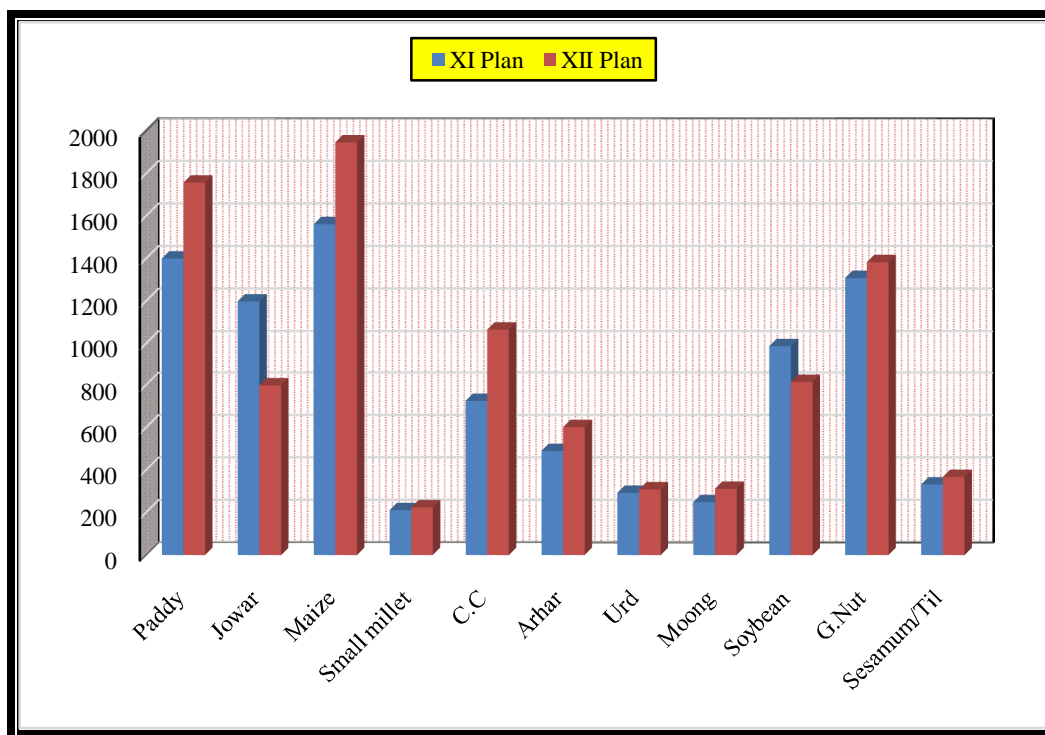
KHARIF CROPS SCENARIO



Crop Coverage: Pre-NFSM (XIth Plan) and Post-NFSM (XIIth Plan)

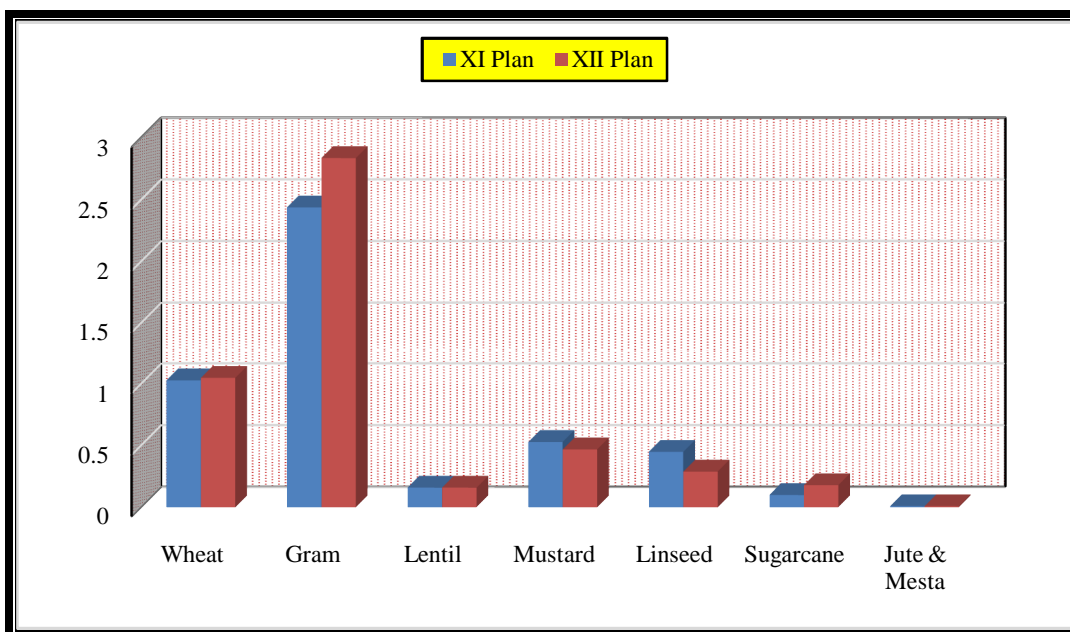


Production: Pre-NFSM (XIth Plan) and Post-NFSM (XIIth Plan)

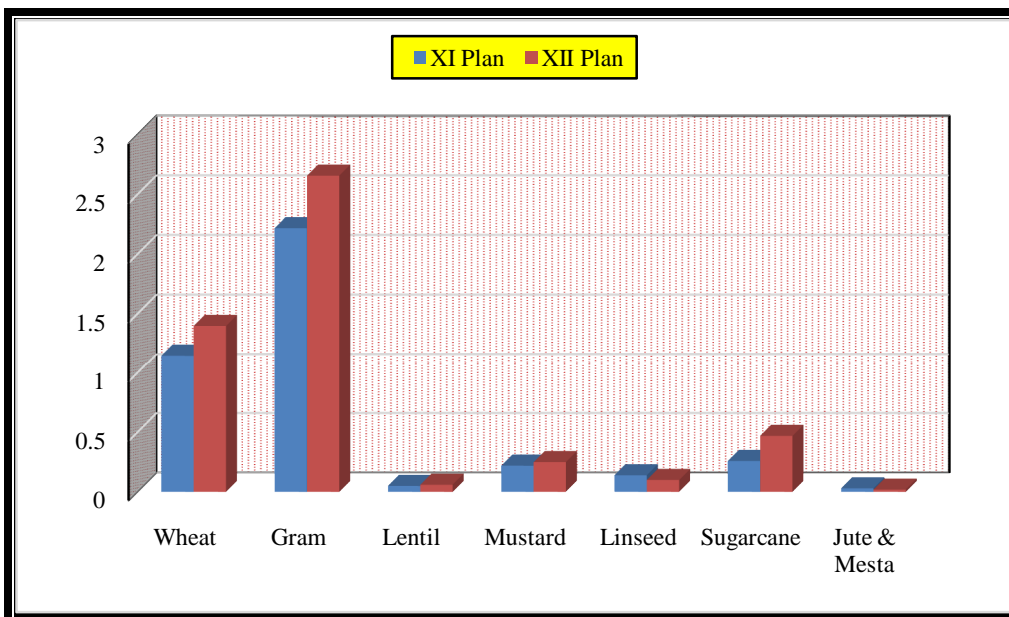


Yield : Pre-NFSM (XIth Plan) and Post-NFSM (XIIth Plan)

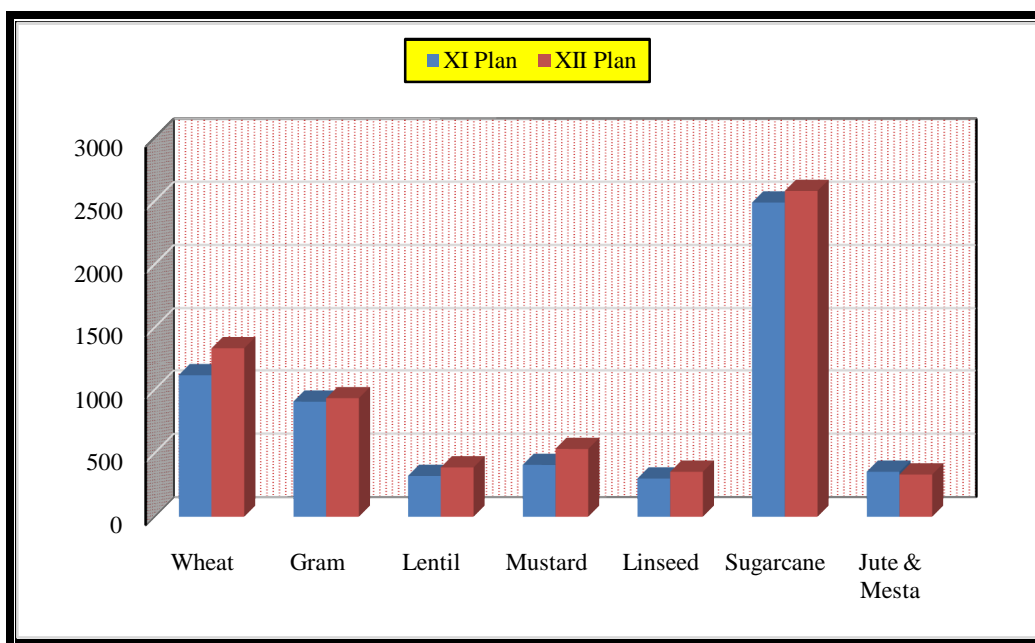
RABI CROPS SCENARIO



Crop Coverage: Pre-NFSM (XIth Plan) and Post-NFSM (XIIth Plan)



Production: Pre-NFSM (XIth Plan) and Post-NFSM (XIIth Plan)



Yield : Pre-NFSM (XIth Plan) and Post-NFSM (XIIth Plan)

8. CROP COVERAGE

a. KHARIF 2017 1ST ADVANCE ESTIMATE : 2017

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

Crops	Area	Production	Yield
Rice	36.88	67.53	1831
Maize	2.25	4.25	1889
Minor Millets	0.61	0.24	393
Total Cereals	39.74	72.02	1812
Arhar	1.40	0.91	650
Urd+ Moong	1.80	0.82	456
Kulthi (Horse Gram)	0.45	0.20	444
Total Pulses	3.65	1.93	529
Soybean	1.35	1.74	1289
Niger	0.80	0.25	313
Other Oilseeds	0.96	1.00	1042
Total Oilseeds	3.11	2.99	961
Vegetable & Other Crops	1.40		
Grand Total	47.90	76.94	3302

b. RABI TARGET: 2017-18

(A-lakh ha, P-lakh tonnes)

Crop	CHHATTISGARH		
	TA	TP	TY
Wheat	1.85	2.87	1551
Summer Paddy	1.60	4.72	2950
Other Cereals	0.90	2.00	2222
Total Cereals	4.35	9.59	2205
Gram	3.90	4.39	1126
Pea	0.60	0.27	450
Lentil	-	-	
Lathyrus	3.50	2.36	674
Other Pulses	1.10	0.38	345
Total Pulses	9.10	7.40	813
Rape-seed /Mustard	1.60	0.89	556
Linseed	0.60	0.26	433
Other Oilseeds	0.51	0.52	1020
Total Oilseeds	2.71	1.67	616
Sugarcane	0.37	1.20	3243
Other crops	1.90	0.00	0
Total Rabi Crops	18.43	19.86	1078

Source: SDA, CG

9. FINANCIAL PROGRESS

a. ALLOCATION & EXPENDITURE : (2016-17)

Rs. In Lakh

S. No.	Name of Crop/ Scheme	Revalidation	Allocation	Release	Fund Available	Expenditure	Unspent Balance as on 01.04.2016
1	Paddy	773.92	4659	4014.12	4788.04	2739.75	2048.29
2	Pulses	948.60	6130	3022.55	3971.15	3399.86	571.29
3	Additional Pulses	0	1600	1600	1600	1481.73	118.27
4	Coarse Cereals	4.14	260	259.78	263.92	149.50	114.42
	Total	2019.16	11049	8896.45	10915.61	7770.84	3144.77

* Utilized under regular NFSM Pulse

b. ALLOCATION & EXPENDITURE KHARIF (2017-18) As on 31.08.2017

Rs. In Lakh

S.No	Name of Crop/ Scheme	Revalidate	Allocation	Release	Fund Available	Expenditure	Unspent Balance as on 01.08.2017
1	Paddy	2048.29	5375.77	613.13	2661.42	154.88	2506.54
2	Pulses	571.29	5266.83	621.83	1193.12	234.29	958.83
3	Additional Pulse	118.27	0.00		118.27		118.27
4	Coarse Cereals	114.42	287.75	86.32	200.74	24.03	176.71
	Total	3144.77	10930.35	1321.28	4466.05	413.2	4052.85

10. SUMMARY FIELD VISIT/ ACTIVITIES

District/ Block	Village	Events organized/activities exhibited to NLMT	Observations/Remarks
Kanker/ Charama	Machandour Mahud	Pigeonpea cultivation Ecology- Rice bunds (RKVY Minikit programme).	<ul style="list-style-type: none"> • Pigeonpea var. Rajeev Lochan (180-200 days); 45 acre cluster, Seed rate @ 2kg/ha rice field. • Sesame also raised as mixed crop with Tur. • High seed rate/plant density. • Paddy- IR-64, MTU-1010 varieties have been planted; 40 % area is covered under IR-64 and MTU-1010 (Old varieties). • <i>Seasame + Tur intercropping package on agronomy for bund cultivation need to be worked out/advocated.</i>
Kanker/ Charama	Pipraud	NFSM- Coarse Cereal Cluster demo.- Maize	<ul style="list-style-type: none"> • Maize: Hybrid 4558 (Rashi Seeds) 150 farmers; seed rate 20 kg/ha; DOS 15th June; 200 acre demo. (NFSM CC- 75 acre + RKVY Seed Minikit Programme -125 acre). The crop is very good. The physiological stage is in grain filling. • <i>Stem borer in Maize was observed, advised to control with Phorate 10 G.</i> • <i>Crop cafeteria/Inputs 6 only seed was provided, the other input like Micro-nutrient mixture (15 kg/ha), Humic acid and Atrazin weedicide (post emergence) was made available to the district on 4th-5th Sept., 2017.</i> • <i>Delayed input supply (micro-nutrient mixture, humic acid & weedicide could not be used) affected the basic purpose of full package cluster demonstration.</i> • Good efforts of district/state on diversion of upland area (<i>Tigra</i>) from paddy to Maize is picking up. • In the current deficit rainfall/monsoon scenario, upland paddy has badly suffered, while, the maize crop stand/expression is very good in the same locality. • <i>The team recommends inclusion of Pulse intercropping with Maize, which is picking up in Bastar division, an ideal proposition for sustainability of cropping system.</i>

District/ Block	Village	Events organized/activities exhibited to NLMT	Observations/Remarks
Kanker	Bodali	NFSM- Coarse Cereal Cluster demo.- Maize	<ul style="list-style-type: none"> • Maize: Hybrid 4558 (Rashi Seeds) 150 farmers; seed rate 20 kg/ha; DOS-20th June; The crop condition was comparatively good in terms of weed management. • <i>The Team advised to follow the guideline/maintain varietal diversity in the large area demonstrations for choosing the better options/varieties.</i>
Kanker/ Babertie		Farm mechanization Local Initiative; Godown	<ul style="list-style-type: none"> • Farmer Asha Ram Netam-Sprinkler set, Multi-crop thresher, Rotavator and Seed Godown beneficiary during different years. Also a beneficiary of Veterinary Fishery Department. • The farmer also has a liaison with KVK. • The NLMT advised to ensure the construction of godowns (Local initiative comp.) in conformity with the standard design of seed godown circulated by NFSM HQ.
		Integrated Farming System Model	<ul style="list-style-type: none"> • IFS; Organic farming & Farm Mechanization is very well adopted.
Kondagaon/ Kondagaon	Jarabandree	Ecology: SRI-Hybrid Rice P 2731 (24 ha); 50 ha in 04 villages under BGREI	<ul style="list-style-type: none"> • Crop is at good condition, 20-25 tillers/plant, fertilizer-3 bag DAP + 1 bag K₂O as basal in 4.5 acre, Urea-245 kg/acre) after 25 days interval; expt. yield- 64 qtls/ha. • However, all components of SRI were lacking in conduct of the demonstration. • SRI is a water saving tech. The NLMT advised to demonstrate/follow all 06 principles of SRI cultivation viz. <ul style="list-style-type: none"> i) Transplanting young seedlings (8-12 days old, 2-3 leaf stage) to preserve potential for tillering and rooting ability ii) Careful planting of single seedlings rather than in clumps iii) Wider spacing using marker (25 cm x 25 cm) in square planting rather than in rows iv) Use of cono-weeder/rotary hoe/power weeder to aerate the soil as well as controlling weeds v) Alternate wetting and dry method rather than continuous flooding in the field vi) Use of organic manure or vermin compost/FYM. • Stem borer is an issue advised to use Patera. • Moga (Gall midge) was also noticed in the field.

District/ Block	Village	Events organized/activities exhibited to NLMT	Observations/Remarks
Kondagaon/Kondagaon	Rajagaon	Seed Minikit - 100 (var. PU-31)	<ul style="list-style-type: none"> • Line planting under upland situation was done; sown on 10th August, 2017; PSB culture is provided by the department. Some farmers adopted broadcasting method of sowing. • Crop condition is very good. Inter-culture operations are essentially required at this stage for crop growth. The same variety sown in Badi situation, with proper weed management, is growing well. • <i>District is doing very good work of crop diversification, demonstrating maize and urd under upland situation. Some of the minikit beneficiaries are cultivating pulses (Urd) for the first time.</i> • Minikit demo.in cluster is another good initiative of this district/state.
Dantewada /Geedam	Barsour	NFSM-Rice: Cluster demo.	<ul style="list-style-type: none"> • <i>1500 ha area is covered under Jaivik Kheti with 3750 nos. of farmer; The district is marked for organic cultivation, chemical fertilizer and pesticide is banned in the district.</i> • FPO (Bhoomgaadi) organic Farmers Producer Company Ltd is operational. • DBT and PFMS is partially operational process. • VarietyóMaheshwari (50 ha) area under line transplanting. CSBD also proposed; Ambika paddy weeder being used by beneficiaries. • Seed, Azaderactin and seed treating drum is provided to the farmers. • <i>The quality of inputs being provided by CG Rajaya Beej Evam Krishi Vikas Nigam Ltd., not being appreciated in this district as well, the NLMT recommends the decentralized mechanism for purchase and procurement of quality equipment/machineries/inputs from reputed/branded companies in the open market with adherence to all strict/stringent purchase norms under DBT/PFMS mechanism.</i> • <i>Lokti Machchi (Local germplasm of scented rice with GI (Geographical indication) to Dantewada and Indira Madhuraj (good for diabetic patient)is also being grown in the district.</i>

District/ Block	Village	Events organized/ activities exhibited to NLMT	Observations/Remarks
Dantewada /Geedam	Heeranar Sonarpara	Interaction with farmers involved in organic farming (Cereals, Pulses and Veg. cultivation).	<ul style="list-style-type: none"> Farmer- Ludru Ram Nag; practicing Jaivik for the last 04 years; production of paddy is @ 25 qtls/ha. <i>Jeevamrit: (Cow dung 10 kg + Jaggery 1 kg + Cow Urine 10 lit. + Gram flour 1 kg fermented for 07 days) is used @ 10 lit., / 50 lit. water, sprayed as basal dressing followed by weeder. The NLMT recommends that the Bio formulations like Jeevamrit etc., should be supported/ prepared under the scheme, rather than distributing the readymade formulations to assure the quality.</i> Bhoomgaadi Kisan Samooh (An Aggregator centre) supports marketing of organic produce and farmers are getting remunerative price of their produce. The Farmer is preparing bio-fertilizer and pesticide with locally available materials and weed management is being done by weeder and promoting local varieties.
Jagdulpur/ Bastanar	Kilapal	NFSM-Pulses: Cluster demo. Maize + Pigeonpea 50 ha	<ul style="list-style-type: none"> Maize (hybrid JK-502) and Tur (Rajeev Lochan) taken at the ratio of 2:1; Maize seed @ 15 kg/ha + Tur @ 4 kg/ ha provided to farmers; DOS-28th June, 2017. <i>Maize demo. on upland field. During 2016-17 the cost of cultivation was @ Rs. 8000/ha, the farmer earned Rs. 35000/-. This success story need wide publicity to motivate the farmers for taking the crops suited to ecology (Upland/lowland etc.). District Agri. Deptt. has done good efforts on crop diversification.</i> This farmer also took <i>Mandia</i> (Ragi-Finger millet) seed production during 2016-17 & obtained 12 qtls/ha yield and sold the produce @ Rs. 2500/- per qtl. Kosra (Kutki- Proso-millet) in at flowering stage. Expected yield 4 qtls/ha. Kutki + Niger, 10 days (Two leaf) crop, is in good condition.

District/ Block	Village	Events organized/ activities exhibited to NLMT	Observations/Remarks
Jagdalpur/ Bastanar	Bade Kilapal	NFSM-Pulses: Cluster demo.	<ul style="list-style-type: none"> • <i>The provision of seed, micro-nutrient and weedicide although a part of the input cafeteria, however, the micro-nutrient and weedicide etc., could not be delivered by the State Level Central Nodal Agency, CGRBVN Ltd. up till the date of visit by NLMT.</i> • <i>The upland paddy is replaced by maize/pulses, is a good intervention by the district in the wake of deficient/erratic rains during this current year.</i> • <i>The farmers who chosen maize and pulses on uplands replacing the paddy, are likely to get much better harvest this year as compared to the other farmers.</i>
	Bade Kilapal	Millet processing center created under District Mining Fund for farmers producer company.	<ul style="list-style-type: none"> • Farmers are cultivating different minor millet crops like Finger millet, Little millet, Kodo millet, Barnyard millet, Foxtail millet and Proso millet in the upland soil are having higher mineral content. • <i>The NLMT strongly recommend that these traditional crops of Bastar Div. especially the minor millet and species of beans (Jhhurga) need to be conserved by support of organic based improved package of practices and marketing/value addition.</i>
	Kodenar	NFSM Pulse 6 Cluster demo.	<ul style="list-style-type: none"> • Urd Crop (var. Azad Urd-3) planted in line, however, dense due to higher seed rate; DOS 10th Aug. 2017; crop condition is good. • NLMT recommends that the sowing operation/organization of demo. should be performed in the supervision of extension personal (RAEO/Krishak Mitra).
		Inter-cropping: Maize + Cowpea Ragi + Urd under Badi situation Niger cultivation- Large area covered.	<ul style="list-style-type: none"> • Incorporation of legume with maize is a good practice in view of soil health. • The upland situation of this area is poor in fertility hence, any intervention need proper recommendation/attention for soil and moisture conservation such as method of sowing/ selection of crop etc.

District/ Block	Village	Events organized/ activities exhibited to NLMT	Observations/Remarks
Jagdalpur/ Bastanar	Kodenar		<ul style="list-style-type: none"> The NLMT recommends that under upland/undulated/sloppy ecology, the sowing should be done across the slope.
	Lalaguda		<ul style="list-style-type: none"> Groundnut variety K-6; crop is in flowering stage; demo. organized for the first time. Arhar (Rajeev lochan) + Maize (JK 502) under NFSM.- 7 ha cluster.
Jagdalpur/ Jagdalpur	Purandi	Mechanization	<ul style="list-style-type: none"> Farmer Baliram Kashyap (Mob. No. 7770848042) Rotavator purchased with Rs. 1.20 lakh through KCC. Rotavator also used for custom hiring.
	Babusemara	Construction of seed godown under local initiative	<ul style="list-style-type: none"> Shri. Dhananjay Baghel, Sarpanch. The seed godown should be constructed as per the ideal specification like Rat and Damp proofing, the standard design should not be modify.
	Adwal	Demo. of paddy transplanter use at large scale area on road side	<ul style="list-style-type: none"> Transplanting of paddy by paddy transplanter in more than 8 acre. The crop is in good condition. Farmer-Prakash Raj was provided paddy trasplanter under NFSM-2015-16. This farmer is inspiring others for mechanized transplanting of paddy. Encouragement of innovator is necessary.
	Lakshmanpara	NFSM- Cluster Demo. Maize (JK-502) + Pigeonpea (Rajeev lochan)	<ul style="list-style-type: none"> Seed and PSB culture is provided under the input cafeteria of demonstration. Incorporation of pulse crop with maize is a good intervention in way of sustainability.
	Kurande	Maize- Cluster Demo.	<ul style="list-style-type: none"> The crop is demonstrated in 50 ha area with single variety of maize- hybrid Shourya (NHM-803).

11. OBSERVATIONS

- The NLMT was visiting during 1st week of Sept., 2017, almost all the districts gave the feedback that the rabi demo. target under NFSM, RKVY (TRFA, RPS etc.), BGREI (Wheat) should be finalized/ conveyed by the State Headquarter to make preliminary arrangements/preparedness for coming rabi.
- Annda, Tulsi, Kalinga & 3 varieties of paddy introduced 20 years back in CG diverted the millet from upland. Now upland paddy is being diverted through maize.
- The crop conditions of road side fields are not good due to poor rains. The paddy crop is showing nitrogen deficiency and high weed population which will definitely affect the crop yield adversely. The up land soils of Bastar division are poor and degraded soil, common soil and moisture conservation technique like sowing across the slope must be adopted. Earlier the entire area was dominated by Millets, Kulthi & Niger crops which were the major crop of Bastar division, since last two decades, upland paddy was popularized as more remunerative crop than traditional crops now farmers are moving towards maize crop. The Pulse crop must be intercropped with maize otherwise it will deteriorate the soil of Bastar.
- In Jagdalpur, the most appreciable effort of district agriculture department (DDA) is opening of the Sale Counter for organic produce, in association with the district administration in Jagdalpur city. The Bastar Agricultural Producer company is formed with the financial assistance of NABARD which is imparting training and developing entrepreneurship skills amongst the tribal farmers, especially the women.
- Most of the RAEOs have been fully involved with the PMFBY work which also hampers the conduct of quality demonstration. It was reported that the RAEOs didn't have the support of Patwari in getting the sown certificates of the farmers for PMFBY registration.
- There is mismatch in data on crop coverage in Sukama district. The actual data from Agri. Department comes under un-authorized land, non-populated village and also the crop below 01 acre.

- District level officials of CG State Beej Evam Krishi Vikas Nigam and Agro need orientation/ training for quick documentation/ preparation of bills/accurate billing for onward submission to DDAs to facilitate timely reimbursement through PFMS. The procedural fault of CGSBKV has been attributed to poor expenditure at district level.
- The quality of inputs, including machineries and equipments supplied by CG State Beej Evam Krishi Vikas Nigam need an introspection in terms of reputation of the company/manufacturer /brand and also the prevailing per unit cost in the open market. To meet quality standards and the cost and AMC issues, the DDAs may be authorized to implement/ execute the component with the PFMS/DBT mode of disbursement of subsidy. This will also ensure the accountability of DDAs at district level.
- 02 KVKs also provided out timely delivery of funds for FLD.

12. Proceedings of the briefing meeting dated Sept., 4th, 2017 organized by the National Level Monitoring Team (NFSM) in the Directorate of Agriculture, Raipur, CG

- A state level briefing meeting of NLMT members with different Stake holders associated in the implementation of NFSM/Crop developmental activities in the state was held on 04.09.2017 at the SAMETI, Raipur. Representatives from SDA, SAU, CGRBKVN Ltd., Director-Extension Services, Director-Research Services, Chhattisgarh Agriculture-Mechanization & Micro-irrigation Monitoring Process System (CHAMPS) (Shri A. B. Asna, P. C. Baghal, C.B. Londhakar, S. S. Rao, B.K. Mishra, K. L. Nandeha, V. K. Nagtore, Kamlesh Diwan, Satish Awasthi, S. K. Sori, Rajendra Swarnkar, P.V. Rabde, P.B. Kesven, S. K. Singh, N. Khare, R. N. Sharma, Sanjay Sharma, M.P. Singh and Bhupendra Pandey) participated.
- Opening the discussion Shri. R.S.Verma, Director-NFSM gave a brief introduction of NLMT members and the participants. He gave a brief presentation of the progress of the scheme.
- Dr. A.K. Tiwari, Director-DPD, Govt. of India/Team Leader-NLMT shared his experience/impression on the implementation status of the BGREI during his visit (August 20th -25th, 2017) to Bilaspur, Janjgir-Champa, Sarguja/Ambikapur, Surajpur, Balrampur.

- Non-availability of quality seeds of newly released varieties/hybrids, especially under paddy was observed as a major issue. The representative of CGRBKVN Ltd. requested for an advance indent/target to be provided by the State NFSM-Cell.
- On poor utilization of funds towards RCT/MIS/Asset building, the CHAMPS representative attributed the delays owing to implementation of GST and also non-availability of category-wise targets under this heads.
- It was appraised that all inputs under NFSM/BGREI are centrally procured at the State HQ through CGRBKVN Ltd., being the State Nodal Agency. The representative informed that the inputs are being delivered at the district level.
- The DRS, IGKVV, Raipur informed the progress of production of Breeder seed under ABSP.
- The DES, IGKVV, Raipur informed about the delayed release of funds under FLD and also gave a progress report of Seed-hubs.
- Dr. A.K. Tiwari, Director-DPD, Govt. of India/Team Leader-NLMT requested the State representatives on expeditious utilization of central crop development funds, entering into MoU between KVK and DDA for lifting of seeds under Seed-hub, hand holding of KVKs by State Seed Certification Agency/DDA in implementation of seed production programme under Seed-hub, adoption of decentralized mechanism for deciding the input cafeteria and also procurement of quality inputs (through branded/reputed companies) and to passed on the subsidy benefit under DBT.
- Another meeting was organized on 06.09.2017 at the Dantewada district headquarter with the staff of agriculture department and NGO's Bhumgadi & Niram involved in promotion and marketing of organic produce. The socio-economic condition of farmers of this area is different from other part of the state; therefore increase in subsidy from 50% to 70% would be helpful in availing the benefits of different developmental schemes. In remote area the materials made available to the tribal farmers are not up to the mark. The efforts were made to register one scented rice 'Lokti Machhi' under PFVRI as geographical indication. The district is marked for organic farming, chemical fertilizer and pesticide selling is banned in this district.

13. WRAP-UP MEETING

i) At Divisional Level: Proceedings dated 07.09.2017 organized by the National Level Monitoring Team (NLMT) under the National Food Security Mission Scheme.

The Division Level Wrap-up Meeting on National Food Security Mission - implementation on Kharif -2017 of the Bastar Division of Chhattisgarh state was conducted by the National Level Monitoring Team (NLMT) on dated 07.09.2017 the Nodal team held discussion with Deputy Directors of Agriculture and their representatives of all the seven districts in the office of Joint Director of Agriculture Bastar Division. A list of the participants is enclosed at Annexure-A.

The proceedings in brief and the observations/recommendations/suggestions of the wrap-up meeting are as follows:

- ***Mr. D.K. Bhoyar, Joint Director of Agriculture Bastar Division*** welcomed the National Level Monitoring Team and other officials.

- ***Dr. A. K. Tiwari Director, Government of India, Department of Agriculture and Co-operation, Ministry of Agriculture, Directorate of Pulses Development, Bhopal M.P*** expressed his sincere gratitude for Intensive field visits and providing good information regarding the implementation of the scheme, he opened the meeting introducing the scheme as a Joint Programme of Department of agriculture and all the stakeholders working in an approach methodology in doubling farmers income. Specifically referred to the excellent work going in the Bastar Division and complimented all the Deputy Directors of Agriculture for leading this Mission/ Department and doing commendable work in diversification of crop. Addressing about the financial assistance, the districts are having sufficient funds for implementation of the schemes, the team noticed that none of the district has demanded extra funds in any specific component under these schemes. Districts have a number of success stories and also innovative work on Value addition of agro-products, completely Organic District South Bastar-Dantewada, where value chain integration (FPOs) are putting a great efforts in the area of organic production but a lack in print and visual documentation has been noticed.

- Government of India has provided a budget of Rs.638.00 crores for the year 2017 -2018, and as there are competent and technically qualified Rural Agriculture Extension Officers in the Division hence expecting a better scope for enhancing farmer's income by providing technical assistance and follow ups. Department of Agriculture along with the entire stakeholder should collectively work in Doubling of the Farmers income hence called all the Deputy Directors of Agriculture to take a Lead role in all district development committees. A newly introduced scheme CHAMPS in year 2017-18 needs a top-up at district level, in spite of providing sufficient funds by the state government, least progress is been observed. Responding in this issue Deputy Director of Agriculture district Dantewada Mr. N. Das drew the attention towards the poor economic status of the ST farmers and their existing practice of Joint agricultural land in the still undivided in revenue records.

- ***Dr. Sanjay Sharma Principal Scientist Indira Gandhi Krishi Vishwa Vidhyalaya Raipur*** C.G-took a note of the fact that great efforts in the implementation of the scheme in the division, mentioned disappointment on proper documentation of the innovative work done and success story observed throughout the state. Crop diversification in Upland from minor millets to Upland Rice and the again replacement of Rice into Maize had definitely enhanced the production area of Maize, in long term effect to avoid exhaustive state of soil suggested to include leguminous crops to maintain soil health. Under local initiative component-storage structures weren't constructed as per the approved model as prescribed in the scheme guidelines, must be strictly followed in future.

- ***Dr. R.N. Sharma Principal Scientist Indira Gandhi Krishi Vishwa Vidhyalaya Raipur*** C.G- highlighted a need to focus on the difference in agronomical package of practices and its adaptation by the farmers in selected organic districts. Input management of organic manure and fertilizers ie; FYM, Nadep, Vermi-compost and including pluses in crop rotation to promote organic production will help in maintaining soil fertility and also proper distribution and supply of these inputs in the districts. Extension officials should refresh their knowledge by reading literatures and creating awareness among the farmers. Encouraging Seed production program among the farmers resulting in testing the germination of seeds by the producer and providing produced seed to other farmers should be focused. *Indigenous Technical Knowledge in organic plant protection measures should be identified or developed by the extension workers.*

- ***Mr. D.K. Bhoyar, Joint Director of Agriculture Bastar Division***-addressed the department official on lack of campaigning on NFSM, absence of demonstration display boards, banners, etc. Systematic documentation on cluster demonstration, Input use, Cropbased technological skill training etc. have been a majorly observation in Bastar division and emphasized on strictly following the NFSM-guidelines.
- ***Mr. M.S. Dhruv, Joint Director of Agriculture Bastar Division***- on his very first day as Joint Director of Agriculture Bastar Division, assured for wider publicity and long lasting impact of demonstrated activities (cluster/implements, variety) display of flexi boards both at village panchayat buildings and demonstration sites in future and focusing on proper and timely documentation of success stories.
- ***Dr. A. K. Tiwari Director, Government of India, Department of Agriculture and Co-operation, Ministry of Agriculture, Directorate of Pulses Development, Bhopal M.P.***-invited a feedback on Problems in implementation of the schemes and suggestions from the district Deputy Directors of Agriculture.
- ***Mr. Kapil Dev Deepak, Deputy Director of Agriculture district Bastar (Jagdalpur)***-pointed ***few problematic areas and recommended as follows;***
 - Failure of technical assistance due to untimely or late input supply by different input agencies.
 - Adaptation of improved technology by farmers only for one year and again switches to old practices.
 - Extension staff is bound to multidisciplinary works other than departmental responsibilities results in failure in target achievements.
 - In spite of achieving the financial targets, less Progress is displayed, due to non adjustment of the bills paid by the department to Seed Corporation and other input supply agencies.
 - A need of trained Public relations personnel should be appointed in each district for proper and regular documentation of the progress of different schemes.

➤ ***Mr. N. Das, Deputy Director of Agriculture district (S.B) Dantewada- Pointed towards the provisions and constrains in implementation as;***

- Recommended to increase subsidy ratio to meet the problem of inability of ST farmers to give Cultivators share due to the poor economic status in different schemes.
- Providing Extra funds for creating new activities under local initiatives.
- Requested supply of best quality seeds by Seed Corporation.
- Demand funds as incentives for computer operator for online entry of all the schemes.
- Demand of more numbers of minikits and supply of seeds older than 10 years but popular among the farmers of the District.

➤ ***Assistant Director of Agriculture district (S.B) Dantewada –Stressed upon***

- Vacant R.A.E.O posts in the south Bastar region.
- Existing practice of Joint agricultural land still undivided in revenue records limiting in benefiting small farmers under the guidelines of many schemes.

➤ ***Mr. P. R. Kusre, Deputy Director of Agriculture district Bijapur –informed the prevailing problems***

- Vacant R.A.E.O posts in the district to be filled as only 14 posts are filled against 57.
- Lack of internet facility in the district office results in problem in online entry of schemes.

➤ ***Mr. Jitendra Kumar Komra Assistant Director of Agriculture district Kanker-Pointed present Drought problem in tehsils, resulting in less progress in CHAMPS scheme.***

➤ ***Mr. Rakesh Joshi, (Incharge) Deputy Director of Agriculture district Sukma-Pointed on the problems in the districts***

- Lack of coordination among the allied departments.
- Need of additional funds for fence making for meeting the problem of animal grazing.
- Transportation of inputs to the interior areas is a major problem and need of conveyance for transportation of inputs.

➤ ***Dr. A. K. Tiwari Director, Concluding Remarks***

In the concluding remarks stated the areas of concern relating to the participation of KVK in cluster demonstration etc., and participatory approach in organization of demonstrations, and sharing of Front Line Demonstration lists with district agriculture departments to disperse the technology with extension personals.

- **Mr. A.K. Salame, Assistant Director of Agriculture, Bastar Division** - Conveyed his grateful thanks on behalf of the department of agriculture to the National Level Monitoring Team (NLMT) and other officials.

ii) At State Level: Proceedings dated 07.09.2017 organized by the National Level Monitoring Team (NLMT) under the National Food Security Mission Scheme.

- The Additional Chief Secretary and Agriculture Production Commissioner, Govt. of CG was also briefed on 9th Sept., 2017 about the feedback of implementation of NFSM Programme in the visited districts of Bastar division.
- The ACS /APC was concerned with the quality demonstration and implementation of the programme with the adoption of DBT/PFMS in providing subsidy to the farmers.

14. RECOMMENDATIONS

- The contents and compositions of nutrients in organic manures/humus etc., being supplied under NFSM, PKVY etc., should be written over the packaging of organic manures/mixture so that application could be done as per the requirement of crops.
- In remote area the internet connectivity is poor, adversely affecting the communication between district/block and division, especially in south Bastar districts. Strong communication network is recommended to provide quick services to the farmers in the event of their registration under PMFBY etc.
- The NLMT also recommends that the KVK and Development Deptt. (DDA) must share the information on conducting of Cluster Demonstrations/ FLDs/Field Days/FFS etc., for better synergy/outcome and mutual benefits of their experience to benefit the farming community in providing technology.
- In view of lack of co-ordination between the line department like Revenue, Animal Husbandry, Fisheries and Horticulture, it is recommended that the issue may be resolved at the level of DFSMEC Chairman/District Collector.
- For better extension/awareness the uniformity in preparation of display board, with detailed information on interventions, across the state, is required. Display board should be installed permanently in case of large scale programme/demonstration.

- The Department should proactively facilitate the farmer in the allied sectors as well to ensure holistic development of farming community and doubling of farmers income.
- The agronomic modules on crop production such as inter-cropping, relay cropping etc., developed by IGKV, Raipur need to be followed while, implementing the NFSM programme in the State.
- In view of paucity of seeds of improved varieties/hybrids, the seed production component of NFSM need to be dovetailed with seed production trainings to the farmers. Here, the seed certification agency also actively participate in the programme.
- Line sowing is still need to be insisted and popularized for overall crop management. It has been noticed that even in the cluster demonstrations; judicious method of planting i.e. line sowing has been compromised.
- The PP measures should be based on ITK and experience of efficacy of molecules in the past. In the cluster demonstrations, this component need a cluster approach and a systematic methodology.
- Advance release of targets to the districts, timely release of funds, decentralized mechanism of finalization/procurement of input cafeteria at the district level, with DBT/PFMS mode of subsidy is the need of state.
- The LWE/Tribal districts farmers, belonging to poor SES (Socio-Economic Status), need higher proportion of subsidy over and above prescribed under the NFSM, BGREI etc. The state may provide the top-up subsidy from the state plan or some support through RD/TDP/District Mining Fund (eg. Bastar) may be provided by way of convergence of schemes.
- The Small Farmers Agri. Business consortium (SFAC) may be advised to support the Farmer Producer Organization (FPOs) in the PKVY/Jaivik districts like Dantewada.
- The FYM/Compost being supplied should have a display of various nutrients available in the package.

- Input supply to the district is a regularly delayed phenomenon. Even the sowings and critical physiological stage of crops are over, resultantly later on the un-utilized inputs remain lying with the districts or else delivered to the farmers in vain. This defeat the sole purpose of the full package cluster demonstration and simply benefits the supplying agencies.
- More targets of Pulse Minikits for Bastar, filling up of vacant positions of RAEOs in Dantewada/Bijapur (Bastar division) and access to internet connectivity etc., need to be streamlined at the level of State HQ.
- The Local Initiatives component need to expand its selves of activities/work. Presently only the godown are being constructed under the Local Initiatives. *It is recommended that fencing provision in bastar, dhal mills, locally made popular implements for weeding etc., may be incorporated under this head.*
- For effective implementation of NMSA (RADP) programme, the AHD/Fisheries/Horticulture deptt. of the district should also be made accountable.

FIELD VISIT PHOTOGRAPHS

DISTRICT-KANKER



**Tur (var. Rajeev Lochan) on Rice bunds
(RKVY Minikit programme)
District- Kanker, Block-Charama, Vill.- Machandour**



**Maize- Hybrid 4558 (Rashi Seeds Company)
Cluster Demo: NFSM- CC; DOS 15th June, 2017
District- Kanker, Block-Charama, Vill.- Pipraud**



**Local Initiative : Godown (NFSM)
District- Kanker, Block-Babertie, Vill.-Bodali**



**Farm mechanization: Rotavator
District- Kanker, Block-Babertie, Vill.-Bodali**

KVK – KANKER



Crop- Urdbean (Var.-PU-31)
Crop Stage- Vegetative Stage, KVK-Kanker



Crop – Maize (Rashi 4658)
Village Devgaon



Paddy- (Var.-Hybrid Rice P 2731)
Village- Pidhapal



View of Cluster FLD of Urd(PU-31) KVK Kanker
Crop- Urdbean (PU 31)
Village- Pidhapal

DISTRICT-KONDAGAON



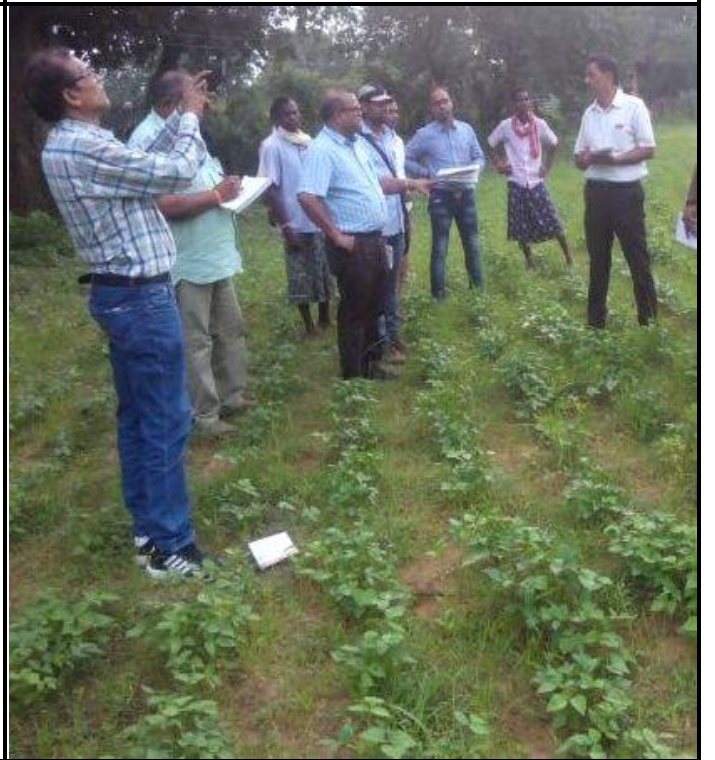
**Seed Minikit : Urdbean- (Var.- PU-31);
DOS- 10th Aug. 2017
District/Block- Kondagaon, Vill.- Rajagaon**



**Paddy- Hybrid Rice P 2731, MOS- SRI
District/Block- Kondagaon, Vill.- Jarabandree**



**Seed Minikit : Urdbean- (Var.- PU-31); DOS- 15th Aug. 2017
District/Block- Kondagaon, Vill.- Jarabandree**



DISTRICT- DANTEWADA



**Paddy- (Var.- Maheshwari)
Cluster Demo.- NFSM-Rice
District-Dantewada, Block-Geedam, Vill.- Barsour**



**Interaction with farmers involved in organic
farming (Cereals, Pulses and Veg. cultivation)
District- Dantewada, Block-Geedam, Vill.-
Heeranar**

DISTRICT- JAGDALPUR



**Interaction with Bastar Krishi Utpadak Producer
Company Ltd.**



**Organic Vegetables & Other Commodities Sale
Counter
“Harihar Bastar Bazar”**

DISTRICT-JAGDALPUR



**Maize (JK-502) + Pigeonpea (Rajeev Lochan)
Cluster Demo. : NFSM-Pulses**



**Kutki- Proso Millet
Crop Stage- Flowering Stage**



**Crop- Niger
Crop Stage- Vegetative Stage**



**Mixed Cropping : Horse Gram + Niger
DOS- 06th Sept., 2017**

District- Jagdalpur, Block-Bastanar, Vill.- Bade Kilapal

DISTRICT-JAGDALPUR



**Minor Millet's Processing Unit
Farmer Producer Organization
District- Jagdalpur, Block-Bastanar, Vill.- Bade Kilapal**



**Maize- Hybrid Shourya (NHM-803)
Cluster Demo. – NFSM CC
District- Jagdalpur, Block-Jagdalpur, Vill.- Kurande**



**Groundnut – (Var. K-6)
District-Jagdalpur, Block- Bastanar, Vill.- Lalaguda**



**Local Initiative : Seed Godown (NFSM)
District- Jagdalpur, Block-Jagdalpur, Vill.- Kurande**

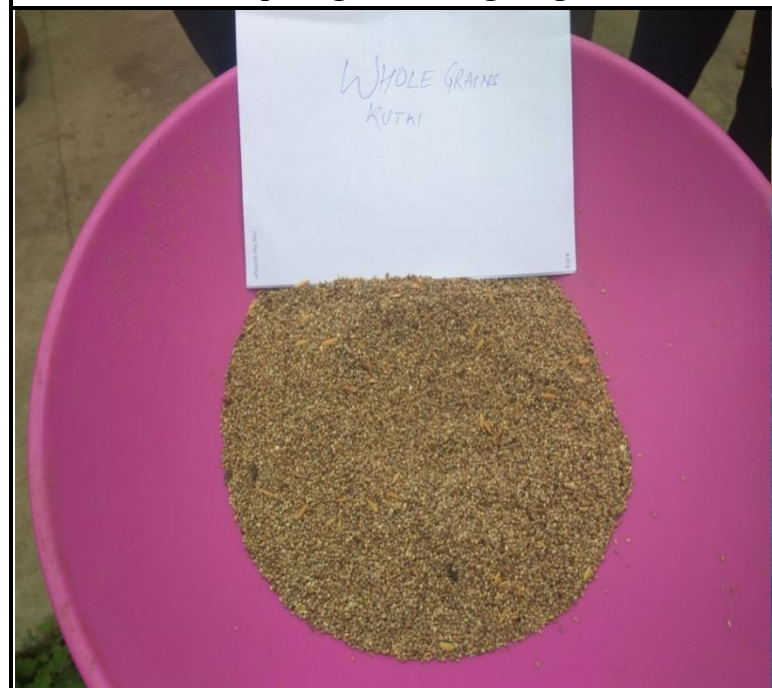
DISTRICT-JAGDALPUR



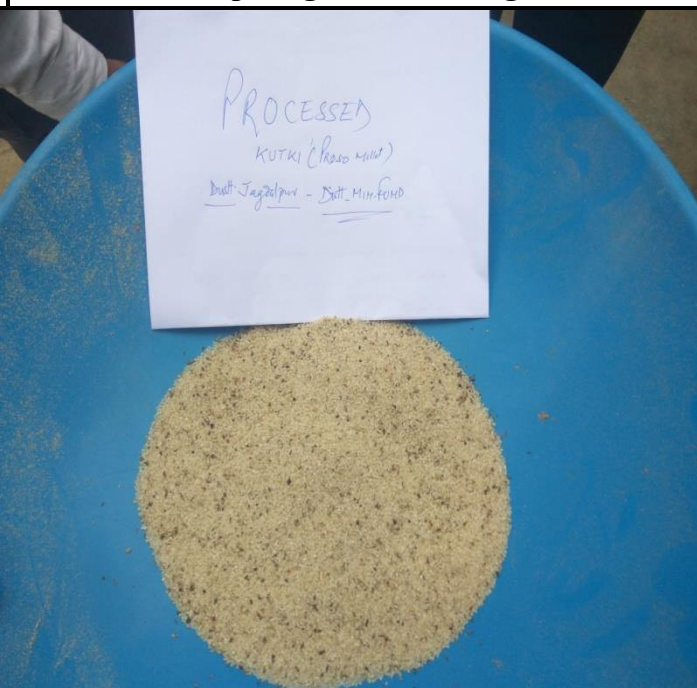
Crop- Finger Millet
Crop Stage- Tillering Stage



Crop- Foxtail Millet
Crop Stage- Panicle Stage



Whole Grains 'Kutki' (Proso Millet)



Processed 'Kutki' (Proso Millet)

टटोल रहे दलहन की संभावनाएँ

जगदलपुर @ पत्रिका . भारत सरकार के कृषि व कल्याण मंत्रालय के अंतर्गत दलहन निदेशालय से पहुंचे निदेशक एके तिवारी ने बुधवार को बास्तानार इलाके की खेतीहर भूमि का निरीक्षण किया।

यहां उन्होंने दलहन की फसलों की संभावनाएं पर जानकारी जुटाई। इससे पहले कृषि विभाग के अधिकारियों के साथ उन्होंने दत्तेवाड़ा जिले का भी दौरा किया था। निदेशक तिवारी ने अंतरवर्गीय



फसल मक्का के साथ अरहर मूंगफली व लघुधान्य फसलों का अवलोकन किया। बास्तानार जिला खनिज निधि से लघुधान्य का एक प्रोसेसिंग प्लांट स्थापित

मक्का और धान की फसल को देख किसानों की तारीफ निदेशक ने की

भास्कर न्यूज़ | जगदलपुर

भारत सरकार के कृषि मंत्रालय और किसान कल्याण मंत्रालय के निदेशक दलहन डॉ. एके तिवारी बुधवार को दत्तेवाड़ा के प्रवास पर थे वहां से जगदलपुर लौटते समय बास्तानार ब्लॉक पहुंचे थे। 3 घंटे से अधिक समय रुकने के दौरान ब्लॉक में की गई धान व अन्य फसलों का निरीक्षण किया।

उन्होंने अंतरवर्गीय फसल मक्का, अरहर और मूंगफली की खेती को लेकर किसानों ने बातचीत की और इन फसलों में लगने वाले रोग और उसके निदान के बारे में बताया। इसके बाद वे खनिज न्यास निधि से लघु धान्य की प्रोसेसिंग यूनिट को लेकर किए जा रहे कार्य को देखा और इस पर संतोष जाहिर किया। निदेशक ने कहा कि बस्तर में अब खेती को लेकर यहां के किसान जागरूक हो रहे हैं। वे धान के साथ अन्य फसलों की खेती का फायदा उड़े पैमाने पर लें इसके लिए राज्य और भारत सरकार लगातार कोशिश



धान के पौधे को निदेशक को दिखाते उपसंचालक कृषि कपिल देव दीपक

हर फसल का लें भरपूर उत्पादन किसान

निदेशक ने कृषि विभाग के अधिकारियों से कहा किसान जो भी फसल लगाएं उसका पूरा लाभ उन्हें मिले इसकी जवाबदेही कृषि विभाग की है। इसके लिए समय-समय पर किसानों को खेती के नए तरीकों की जानकारी दी जाए दूसरी ओर उत्पादन बढ़ाने के तरीके भी बताए जाएं। प्रदर्शन योजना के जरिए किसानों को समझाइश देकर उन्हें बीजों की नई वैरायटी के बारे में जानकारी दी जाए। उपसंचालक कृषि ने निदेशक को बताया कि जिले में पिछले कुछ सालों से सिंचित रकबे में बढ़ोतरी होने का फायदा किसानों को मिल रहा है। किसान अब जागरूक होकर सब्जियों के साथ ही अन्य फसलों की खेती कर बड़े पैमाने पर लाभ कमा रहे हैं। विभाग की हर योजना का लाभ पात्र किसान को मिले इसकी कोशिश की जा रही है।

कर रहे हैं। इस दौरान उनके साथ इंदिरा गांधी कृषि विश्वविद्यालय के वैज्ञानिक डॉ. आरएन शर्मा,

उपसंचालक कृषि कपिल देव दीपक और कृषि विभाग के अधिकारी व कर्मचारी मौजूद थे।

मक्का के साथ अरहर की अंतरवर्तीय फसल देख खुश हुए केंद्र के अधिकारी

जगदलपुर 7 सितम्बर (सन्तुस)। बस्तर के किसान भी कृषि वैज्ञानिकों की सलाह पर अंतरवर्तीय फसल ले रहे हैं। बास्तानार ब्लॉक के किसान मक्का के साथ अरहर और मूंगफली की फसल लेकर लाभ अर्जित कर रहे हैं। भारत सरकार के कृषि मंत्रालय और किसान कल्याण मंत्रालय के अधिकारी ने इसे देख कर किसानों की तारीफ की। कृषि एवं किसान मंत्रालय के निदेशक डॉ. ए.के. तिवारी ने दन्तेवाड़ा के बाद बस्तर जिले के बास्तानार ब्लॉक का भ्रमण कर धान एवं तिलहन फसलों का निरीक्षण किया। बस्तर के किसान धीरे धीरे जागरूक हो रहे हैं। कृषि वैज्ञानिकों की सलाह पर अंतरवर्तीय फसल लेने लगे हैं। बास्तानार ब्लॉक के किसान धान और मक्का के अलावा मूंगफली और अरहर की खेती करने लगे हैं।

कृषि मंत्रालय भारत सरकार के निदेशक पहुंचे थे बस्तर



डॉ. ए.के. तिवारी ने अंतरवर्तीय फसल देखकर खुशी जाहिर करने के साथ किसानों की तारीफ भी की। किसानों को नए नए

वैज्ञानिक तरीके से खेती करने और भरपूर फायदा लेने को कहा। इस दौरान इंदिरा गांधी कृषि महाविद्यालय के डॉ. आर.एन.

शर्मा ने कीट व्याधि नियंत्रण की जानकारी दी। निरीक्षण के दौरान संचालक कृषि कपिल देव दीपक भी मौजूद रहे।

सम्पूर्ण छत्तीसगढ़ में अपने व्यवसाय के प्रचार प्रसार हेतु सम्पर्क करें
मो. 97522-99111
0771-4025005

छत्तीसगढ़

रायपुर और दुर्ग संभाग

रायपुर, 7 सितंबर 2017, मंगलवार



कृषि योजनाओं का निरीक्षण

छत्तीसगढ़ संवाददाता

कोणडागांव, 7 सितंबर। राष्ट्रीय खाद्य सुरक्षा मिशन के राष्ट्रीय स्तर के मूल्यांकन अवलोकन व निगरानी दल द्वारा कोणडागांव जिले में राष्ट्रीय खाद्य सुरक्षा मिशन व अन्य के नद पोषित योजनाओं का मूल्यांकन निगरानी व निरीक्षण जिले के ग्रामों का भ्रमण व किसानों से रुबरु होकर किया गया इस तारतम्य में निगरानी दल के प्रमुख डॉ. तिवारी संचालक दलहन भारत सरकार द्वारा ग्राम जरेबेन्दरी, में कृषक सोनू राम व अन्य से राज्य पोषित पूर्वी भारत में हरित क्रांति विस्तार योजनांतर्गत 24 हेक्टेयर क्षेत्र में श्री विधि से लगाए गए धान फसल किस्म .2731 की जानकारी ली गई जिसमें कृषक द्वारा निगरानी दल को विधि के संपूर्ण चटकों को अवगत कराया गया तथा दल द्वारा फसल की स्थिति देखकर प्रसन्नता जाहिर की गई। फसल में मौसमी कीट याधि, तना छेदक व गंगई पायी गई। जिसके उपचार हेतु संजय शर्मा इगाकृवि वि उनके द्वारा क्लोरोपोयरीफॉस 50 प्रतिशत दवा 3 मि.ली. प्रति लीटर पानी में घोलकर सुबह या सायंकाल में छिड़काव करने साथ ही साथ प्रभावित क्षेत्र में 10 किलो



पोटाश प्रति एकड़ डालने की सलाह दी गई। निगरानी दल द्वारा ग्राम राजागांव में राष्ट्रीय खाद्य सुरक्षा मिशन, राष्ट्रीय कृषि विकास योजना व आत्मा योजनांतर्गत उड़द मिनीकट प्रदर्शन किस्म .31 का निरीक्षण कृषक वासुलाल

व गागरु के खेत में किया गया, विभाग से कृषकों द्वारा प्रदत्त उड़द मिनीकीट की वैज्ञानिक तरीके से कतारों में बुआई देखकर तथा अन्य कृषकों द्वारा भी मिनीकट लगाए जाने से तथा

फसल की अच्छी बढ़वार देखकर उन्होंने प्रसन्नता जाहिर की तथा उड़द फसल में कृषकों को शीघ्र निर्दाई करने की सलाह दी गई।

निगरानी दल में एके शर्मा वैज्ञानिक पादप प्रजनन संजय शर्मा इगाकृवि रायपुर वैज्ञानिक कीट शास्त्र तथा कृषि विभाग से बीके बिजरोनिया उप संचालक कृषि उग्रेश कुमार देवागन अनुविभागीय कृषि अधिकारी, जीआरनाग वरिष्ठ कृषि विकास अधिकारी, देवव्रत हलधर, केएलजैन ग्राकृविअधि दशरथ नेताम सरपंच राजागांव व कृषकगण उपस्थित थे।

रायपुर, गुरुवार 7 सितंबर 2017

haribhoomi.com

भोपाल से पहुंचे सहायक संचालक ने दलहन फसल का लिया जायजा

हरिभूमि न्यूज ►► कांकेर

कृषि विज्ञान केन्द्र एवं कृषि विभाग द्वारा जिले में आयोजित दलहनी एवं अन्य फसलों के प्रदर्शन का निरीक्षण आज 6 सितंबर को दलहन निदेशालय भोपाल के सहायक संचालक डॉ एके शिवहरे ने किया।

दलहन निदेशालय भोपाल के सहायक संचालक डॉ एके शिवहरे सर्वप्रथम कृषि विज्ञान केन्द्र कांकेर प्रक्षेत्र का भ्रमण किया गया तथा संचालित गतिविधियों का अवलोकन किया गया तत्पश्चात् ग्राम पीढ़ापाल, भैंसाकट्टा व पलेवा में कृषि विज्ञान केन्द्र द्वारा आयोजित उड़द समूह फसल प्रदर्शन का निरीक्षण किया गया तथा कृषकों से परिचर्चा की गई। इसके पश्चात् ग्राम पिपरौद में कृषि विभाग द्वारा आयोजित



समूह मक्का फसल प्रदर्शन एवं ग्राम देवगांव में उड़द फसल का निरीक्षण किया गया। निरीक्षण के दौरान कृषि विज्ञान केन्द्र के वरिष्ठ वैज्ञानिक एवं प्रमुख डॉ. बीरबल साहू, वैज्ञानिकगण देवचन्द सलाम, श्रीमती हेमकान्ती बंजारे एवं कृषि विभाग के सहायक संचालक जितेन्द्र कोमरा, आनन्द नेताम, वरि. कृ.वि.अधि. सीआर भास्कर, एसआर शोरी एवं ग्रामीण कृषि विस्तार अधिकारी उपस्थित थे।

ANNEXURE-I

Note: Monsoon started in the State from 12th June, 2017. The average rainfall recorded 877.90 mm upto 15th September, 2017 which is 254.80 mm less than normal rainfall 1132.70 mm.

A. RAINFALL STATUS (2014-2017)

(unit- mm)

Year	June	July	August	September	October	Total	%
Avg. Rainfall	187.50	377.60	348.30	219.30	56.70	1189.40	
2014	96.10	442.80	312.50	256.50	74.80	1182.70	99
2015	256.00	261.30	286.40	201.20	4.00	1008.90	85
2016	153.80	371.20	361.50	297.80	72.30	1256.60	106
2017 (15.09.2017)	182.20	356.90	284.50	54.30	-	877.90	74

B. MAJOR RAINFALL IN RAINY DAYS : 2017

	Year- 2017								
	12 th June	03 rd July	10 th July	17 th July	24 th July	31 st July	21 st Aug	28 th Aug.	01 st Sept.
Last Year Rainfall (2016)	0	173.3	325.1	406	477.7	525	803.9	857.2	890.5
Rainfall -2017	29.5	226.5	281.3	352.0	483.1	539.1	713.3	776.8	823.6
Last 10 years Rainfall (Avg.)	37.2	221.2	292.3	375.5	468.4	546.3	785.9	845.5	882.6
% Over Avg. Rainfall	79.3	102.4	96.2	93.7	103.1	98.7	90.8	91.9	93.3

C. RAINFALL CONDITION OF DIFFERENT DISTRICTS OF CG STATE

< 40 % (Scanty)	61-80% (Deficit)	81-119% (Normal)	>120% (Excess)
-	11 Districts: Korea, Raipur, Balodabazar, Gariyaband, Bilaspur, Mungeli, Rajnandgaon, Durg, Bemetara, Dhamtari, Kanker	12 Districts: Sarguja, Jashpur, Raigarh, Janjgir, Korba, Balod, Bastar, Kondagaon, Narayanpur, Dantewada, Bijapur	04 Districts: Surajpur, Balrampur, Kabirdham, Sukma

D. AFFECTED DISTRICTS DUE TO LOW RAINFALL

0-50 % (06 - Tehsil)	51-60% (07 -Tehsil)	61-70% (19 – Tehsil)
Raigad – Dharamjaigad Raipur - Raipur Janjgir – Jaijpur Rajnandgaon – Chhuriya Durg - Dhamdha Balod – Gurur	Korea - Bakunthpur Balodabazar – Palari, Kasdol, Bilaigad Bilaspur – Masturi Bemetara- Saja Kanker – Durgkondal	Raigad - Sarangad, Tamnar Raipur - Aarang, Tilda Gariyaband - Gariyaband Janjgir -Sakti Bilaspur -Kota; Mungeli - Lorm, Pathriya Rajnandgaon – Dongargarh Dongargaon Durg - Durg Bemetara – Berla, Navagad Dhamtari - Magarlod, Nagri Kanker - Bhanupratappur, Pakhanjur, Narharpur

ANNEXURE-II

STATE SEED & FERTILIZER: DEMAND, AVAILABILITY AND DISTRIBUTION

A. SEED

(Unit in Qtls)

S. No.	Crop	Kharif 2017				
		Demand	Availability	Store	Distribution	Balance
1	Paddy	656712	801900	621709	584174	217726
2	Paddy Hybrid	15288	5181	5181	5181	0
3	Mazie Hybrid	6735	5850	5798	5798	52
4	Kodo-Kutki	535	51	39	39	12
5	Ragi	260	1	0	0	1
	Total Cereals	679530	812983	632727	595192	217791
6	Tur	6425	5360	4900	4506	855
7	Urd	2770	2826	1718	1583	1243
8	Mung	1535	1018	861	807	211
	Total Pulses	10730	9204	7479	6896	2309
9	Soyabean	48100	29791	25388	22784	7007
10	Seasum	340	135	98	87	48
11	Ramtil	470	25	12	11	14
12	Graundnut	2460	1046	749	657	389
13	Sunflower	40	0	0	0	0
	Total Oilseeds	51410	30997	26247	23539	7458
14	Sanai	1730	439	393	393	46
15	Dencha	1565	1702	1609	1550	152
	G. Total	744965	855325	668455	627570	227756

B. NFSM SEED COMPONENT

(Quantity: Qtls)

Seed Components	2015-16	2016-17	Total	2017-18	
				Target	Achievements
Production of seeds (Var. <10 yr Old)					
i. Hybrid Rice	-	5000	5000	3000	-
ii. Certified Seeds	43196	56581	99777	40525	-
Total Production	43196	61581	104777	43525	0
Seed distribution (Var. <10 yr old)					
i. Hybrid Rice	599	329	928	5000	-
ii. Certified Seeds	16086	79410	95496	86050	
Total Distribution	16685	79739	96424	91050	0

C. CERTIFIED SEED DISTRIBUTION

(Unit in Qtl.)

Details	Paddy	Maize	Tur	Soyabean	Other	Total
Kharif 2016 Achievement	1005607	14006	5245	43267	7892	1076017
Kharif 2017 demand	672000	6735	6425	48100	11705	744965
Seed Availability						
Seed Corporation	807079	5928	6686	30410	9578	859681
Storage						
Society	545766	0	400	22954	923	570043
Agriculture Department (Minikit + Other Demo.)	29633	5915	4715	2471	5765	48499
Production programme	59780	0	178	1300	262	61520
Govt. Agriculture Farm	369	0	1	0	5	375
Agri. University	0	0	0	0	0	0
privets Area	109906	13744	37	14212	576	138475
Total	745454	19659	5331	40937	7531	818912
Target against Store %	111	292	83	85	64	110
Distribution						
Society	506949	0	302	21351	861	529463
Agriculture Department (Minikit + Other Demo.)	25037	5915	4384	2380	5014	42730
Production programme	59780	0	178	1300	262	61520
Govt. Agriculture Farm	369	0	1	0	5	375
Agri. University	0	0	0	0	0	0
privets Area	109906	13744	37	14212	576	138475
Total	702041	19659	4902	39243	6718	772563
Store against distribution %	104	292	76	82	57	104
Received minikit Total	0	141927	78783	14956	47391	283057
Distribution minikit Total	0	141927	78783	14956	47391	283057
Current year distribution	999275	14001	5231	43267	7883	1069657
Current year distribution short /Growth %	-30	40	-6	-9	-15	-28

D. FERTILIZER DISTRIBUTION

(Unit in Tones)

Details	Urea	S. Phosphate	Potash	DAP	NPK	Total
Kharif achievement 2016						
Society	275063	57605	31155	158238	22083	544144
Private	239502	27757	16015	98360	45745	427379
Total	514565	85362	47170	256598	67828	971523
Kharif achievement 2017						
Society	310000	60000	35000	170000	30000	605000
Private	215000	90000	25000	80000	50000	460000
Total	525000	150000	60000	250000	80000	1065000
01.04.2017 Balance						
Society	116996	22699	10180	58065	20134	228074
Private	43424	6853	7767	22372	13015	93431
Total	160420	29552	17947	80437	33149	321505
New Lot 28.08.2017						
Society	207052	44278	33704	137087	18364	440485
Private	133942	39933	24943	51901	19715	270434
Total	340994	84211	58647	188988	38079	710919
Total Storage 2017						
Society	324048	66977	43884	195152	38498	668559
Private	177366	46786	32710	74273	32730	363865
Total	501414	113763	76594	269425	71228	1032424
Target against storage %	96	76	128	108	89	97
Current Year Distribution						
Society	268749	56139	30856	156196	21457	533397
Private	96100	26250	18310	36110	14680	191450
Total	364849	82389	49166	192306	36137	724847
Distribution 2017						
Society	271440	56672	35993	171441	20034	555580
Private	120025	28620	12139	46575	14074	221433
Total	391465	85292	48132	218016	34108	777013
Current year distribution shortage/ Growth	7	4	-2	13	-6	7
Balance	109949	28471	28462	51409	37120	255411

E. CULTURE DISTRIBUTION**(Unit- Packets in Nos.)**

Details	PSB	Rhizobium	Azotobacter	Total
Achievement : Kharif 2016	1330235	436600	240780	2007615
Target: Kharif 2017	1386000	465800	263200	2115000
Storage	1414010	430425	329440	2173875
Distribution	1223451	398430	277552	1899433
Storage against distribution %	87	93	84	87

F. AGRICULTURE MACHINERY

Details	Name of Machinery		
	Self propelled Machinery (Power tiller Reaper/Paddy transplanter	Power propelled machinery (Seed drill/Rotavator/Plough/ Thresher/Cultivator etc.)	Hand /Bullock drawn machinery (weeder/Seed drill /Seed treating drum/winning fan/pedal operated paddy thresher /sickle etc.)
Achievement - 2016	970	814	8063
Target - 2017	1750	4177	11000

G. CAPACITY PROGRESS**(Unit-Nos.)**

Year	Target	Achievement
2016	1222	1222
2017	1222	150
Total	2444	1235

H. ESTABLISHMENT OF AGRICULTURE MACHINERY SERVICE CENTRE**(Unit-Nos.)**

Year	Target	Achievement
2016-17	154	144
2017-18	150	-

I. QUALITY CONTROL: KHARIF -2017

Details	Target	Collect sample (Nos.)	Laboratory sample (Nos.)	Result received (Nos.)			Result awaited	False %
				True	False	Total		
Seed	2500	1513	1513	1368	145	1513	0	9.6
Fertilizer	2100	1459	1459	1350	77	1427	18 (14 fail)	5
Plant protection comical	500	170	170	44	6	50	120	12

i. MICRO IRRIGATION SCHEME

Details		2016 Achi.	Target- 2017		Achievement- 2017	
			Nos.	Irrigation capacity (ha)	Nos.	Irrigation capacity (ha)
Kisan Samridhi Yojna/Micro-irrigation (Tubewell) scheme		4967	3034	3034	-	-
Laghuttam Sinchai (Pond) scheme		52	100	3000	10 complete 49 under construction	-
Construction under BGREI	Pond	5	4	100	-	-
	Check dam	228	67	804	-	-
Construction under RKVY	Check dam	117	115	1380	-	-
Shakambari scheme	Well	144	115	75		
	Pump	28866	32958	16479		

ii. SOIL HEALTH CARD

Year	Collect sample		Analysis sample		Card printing & Distribution	
	Target	Achievement	Target	Achievement	Target	Achievement
2015-16 & 2016-17 First step	7033691	790002	703691	790002	3890709	4337595
2017-18 Second step	469378	309792	469378	114280	2346890	273942

ANNEXURE-III

1. CLUSTER DEMONSTRATION (DIFFERENT ECOSYSTEM)

(Area – Hectares)

Particulars	2012-13	2013-14	2014-15	2015-16	2016-17	Avg.	% Increase over Previous year	2017-18	
								Target	Achiev.
(a) Rainfed Upland Rice	20640	20688	9433	0.00	0.00	16920	-44	-	-
(b) Shallow Low land Rice	33589	31205	16089	0.00	0.00	26961	-40	-	-
(c) Irrigated 6 Trad. Variety	33906	37268	25484	0.00	0.00	32219	-21	-	-
(d) Irrigated - Hybrid	5732	20379	42779	0.00	0.00	22963	86	-	-
Direct Seeded Rice	0.00	0.00	0.00	5000	5000	2000	150	1000	1000
Line Transplanting	0.00	0.00	0.00	5000	5000	2000	150	1000	1000
SRI	0.00	0.00	0.00	5000	5001	2000	150	2000	2000
Stress tolerant var.	0.00	0.00	0.00	21860	21266	8625	147	15000	15000
Hybrid Rice	0.00	0.00	0.00	18412	25000	8682	188	15000	15000
Cropping System Based	0.00	0.00	0.00	14900	13000	5580	133	15136	15136
Total	93867	109540	93785	70172	74267	88326	-16	49136	49136

2. IRRIGATION RESOURCES (SITE SPECIFIC)

Irrigation Resources	Base Year (2009-10)		2010-11 to 2016-17								2017-18	
	Nos.	Irrigated area (Ha.)	Nos.			BGREI Share (%)	Irrigated area (Ha.)			BGREI Share (%)	Target	Ach.
			BGREI	Others	Total		BGREI	Others	Total			
Check Dam	-	-	1629	0	1629	100	21622	0	21622	100	67	0
Minor Irrigation Tank (MIT)	163	3260	283	504	787	36	7075	13100	20175	35	4	

APPROVED COST NORMS & INPUT CAFETERIA :2017-18**A. NFSM RICE-COST NORMS OF CLUSTER DEMONSTRATION***(Unit Rs. per ha.)*

Activity/Particular	Direct Seeded Rice	Line Transplanting	SRI	Stress tolerant Varieties	Hybrid Rice
Cost of Seed	1000	700	300	700	4125
Honorarium for Sowing	630	930	1330	930	0
Pigeonpea Plantation on Rice Bund (2.5 kg/ha)	400	400	400	400	0
Zinc sulphate 25 kg/ha or any other micro nutrient as per recommendation by SAU/KVK green manure seed/bio-fertilizer, Mycorrhiza	1670	1670	1670	1670	1575
Weedicide (1 Per and 1 Post emergence)	1500	1500	1500	1500	0
IPM (PP chemicals/ bio pesticides)	1500	1500	1500	1500	1000
Demonstration board, Training Materials, Farmers training, field day, POL, vehicle hiring/visit of scientist/State Officers and other contingencies	800	800	800	800	800
Total	7500	7500	7500	7500	7500

B. NFSM RICE -COST NORMS OF CLUSTER DEMONSTRATION CROPPING BASED*(Unit Rs. per ha)*

Activity/Particular	Gram (40 kg)	Pea (40 kg)	Maize (20 kg)	Moong (20 kg)	Urd (20 kg)
First Crop Rice @ 7500 per ha					
Cost of Seed	3000	3000	4000	2000	2000
Zinc sulphate 25 kg/ha or any other micro nutrient as per recommendation by SAU/KVK green manure seed/bio-fertilizer, Mycorrhiza	1000	1000	0	1000	1000
IPM (PP chemicals/ bio pesticides)	1000	1000	1000	1000	1000
Weedicide (1 Per and 1 Post emergence)	0	0	0	1000	1000
Total	5000	5000	5000	5000	5000

C. NFSM PULSES- COST NORMS OF CLUSTER DEMONSTRATION

(Unit Rs. per ha)

Activity/Particular	Arhar (20 kg)	Gram (40 kg)	Pea (40 kg)	Urd (20 kg)	Moong (20 kg)	Masoor (20 kg)
Cost of Seed	2000	3000	3000	2000	2000	2000
Zinc sulphate 25 kg/ha or any other micro nutrient as per recommendation by SAU/KVK green manure seed/bio-fertilizer, Mycorrhiza	1800	1800	1800	1800	1800	1800
Weedicide (1 Pre and 1 Post emergence)	1530	900	900	1530	1530	1530
IPM (PP chemicals/ bio pesticides)	1370	1000	1000	1370	1370	1370
Demonstration board, Training Materials, Farmers training, field day, POL, vehicle hiring/visit of scientist/State Officers and other contingencies	800	800	800	800	800	800
Total	7500	7500	7500	7500	7500	7500

D. NFSM PULSES - COST NORMS OF CLUSTER DEMONSTRATION

Type of Demo. : Intercropping of Arhar with Soybean (2 R-Arhar and 6 R- Soybean)

S.No.	Activity/Particular	Unit cost	Cost norms or Rate of assistance (Rs./ha)
1	Seed (Arhar @5kg/ha) Seed (soybean @ 60 kg/ha)	Rs. 135/kg Rs. 64/kg	675 3840
2	Fertilizer (N:P:K ó 20:50:20)		
3	INM Incl. ZnSO ₄ , Sulphur, Borax, Sodium, Molybdate considering soil test value.		885
4	Weedicide/Weed management	Rs. 700/ha	700
5	IPM incl. Bio-pesticides, pesticide, pheromone traps etc.	Rs. 500/ha	500
6	Rhizobium + PSB culture	Rs. 100/ha	100
7	Field day/Publicity Material/Visit of Scientist/Staff	Rs. 800/ha	800
	Total		7500

**Any amount saved in any above mentioned component can be utilized in other component but not exceeding to upper limit of Rs. 7500/ha.*

E. NFSM PULSES - COST NORMS OF CLUSTER DEMONSTRATION

Type of Demo. : Intercropping of Arhar with Soybean (2 R-Maize/Mung, Urd and 1 R- Arhar)

S.No.	Activity/Particular	Unit cost	Cost norms or Rate of assistance (Rs./ha)
1	Seed (Mung,Urd/Maize @ 15kg/ha) Arhar (@ 4 kg/ha) incl. seed treatment	Rs. 135/kg Rs. 64/kg	4000
2	Fertilizer (N:P:K ó 20:50:20)		
3	INM Incl. ZnSO ₄ , Sulphur, Borax, Sodium, Molybdate considering soil test value.		900
4	Weedicide/Weed management	Rs. 700/ha	700
5	IPM incl. Bio-pesticides, pesticide, pheromone traps etc.	Rs. 1000/ha	1000
6	Rhizobium + PSB culture	Rs. 100/ha	100
7	Field day/Publicity Material/Visit of Scientist/Staff	Rs. 800/ha	800
	Total		7500

*Any amount saved in any above mentioned component can be utilized in other component but not exceeding to upper limit of Rs. 7500/ha.

F. NFSM COARSE CEREALS- COST NORMS OF CLUSTER DEMONSTRATION

(Unit Rs. per ha)

Activity/Particular	Maize (20 kg)	Finger Millet (20 kg)	Kodo (20 kg)
Seed (Per Ha.)	3450	2000	2000
Zinc sulphate 25 kg/ha or any other micro nutrient as per recommendation by SAU/KVK green manure seed/bio-fertilizer, Mycorrhiza	750	1200	1200
IPM (PP chemicals/ bio pesticides	0	1000	1000
Demonstration board, Training Materials, Farmers training, field day, POL, vehicle hiring/visit of scientist/State Officers and other contingencies	800	800	800
Total	5000	5000	5000

ANNEXURE-V

A. SUBSIDY PATTERN UNDER NFSM IMPLEMENTS

(Rs. In lakhs)

S. No.	Name of Implement	NFSM (Max. Subsidy 50%)	SC/ST/small/marginal/women farmers (Max. subsidy 50%)	Other farmers (Max. subsidy 40 %)
1	Multi-crop Planter	0.15	0.63	0.50
2	Seed Drill	0.15	0.44	0.35
3	Power Weeder	0.15	0.19	0.15
4	Zero-till-Multi-crop Planter	0.15	0.44	
5	Rotavator	0.35	0.63	0.50
6	Laser land leveller	1.50	0.63	0.50
7	Paddy Thresher/ Multi-crop Thresher	0.40	0.63	0.50
8	Paddy Transplanter	0.75	0.94 (4 row), 2.0 (above 4 row)	0.75 (4 row) 2.0 (above 4 row)

B. SCHEME-WISE AGRI. MACHINERY SUBSIDY PATTERN

(Amount in Rs.)

S. No.	Scheme	Component	Category of Farmers	Scheme proposed Subsidy	Top-Up Proposed	Total Subsidy
1	NFSM	Sprinkler	All Category Farmers	Rs.10000/-ha or 50% of cost whichever less	4500/-	14500/-
2	RKVY, NMOOP, NMSA	Sprinkler	Marginal & Small Farmer	Rs.9800/-ha or 50% of cost whichever less	4500/-	14300
			Large Farmer (2 ha. above lend)	Rs.9800/-ha or 35% of cost whichever less	4500/-	11360
3	NMOOP, SMAM	Thresher and Rotavator	20 -25 HP Small, Marginal, SC & ST	Rs.25000/-ha or 50% of cost whichever less	-	-
			20 -25 HP Other Farmer	Rs.2000/-ha or 40% of cost whichever less	-	-
			35HP Small, Marginal, SC & ST	Maximum 63000/-	-	-
			35 HP Other Farmer	Maximum 50000/-	-	-
4	NFSM	Rotavator	All Category Farmers	Rs.35000/-ha or 50%	-	-
		Thresher	All Category Farmers	Rs.40000/-ha or 50%	-	-

Note: Therefore, according to the above, variation in subsidy pattern in various scheme, field functionaries facing problem for satisfying farmers.

C. SCHEME-WISE SUBSIDY PATTERN: AGRICULTURAL MACHINERY

(Amount in Rs.)

S. No.	Name of Scheme	Component	Category of Farmers	Subsidy rate	Remarks
	RKVY, NMOOP, NMSA	Sprinkler Set	Marginal & Small Farmers	Rs.9800/- per ha or 50% of cost whichever less.	
			Others farmers	Rs.6860/- per ha or 35% of cost whichever less.	Farmers have more than 2 ha land, subsidy have been reduced from 50% to 35 % .This is discrepancy in the scheme of NMOOP, RKVY & NMSA. The pattern of subsidy should be equal to NFSM.
	NFSM	Sprinkler Set	All Category Farmers	Rs.10000/- per ha or 50% of cost whichever less.	
	NMOOP, SMAM	Thresher and Rotavator	20 -35 HP, Marginal, Small, SC & ST farmers	Rs.25000/- per Machine or 50% of cost whichever less.	The discrepancies have been found in the Scheme of SMAM & NMOOP in the subsidy pattern. The pattern of subsidy should be equal to NFSM.
			20 -35 HP, Other Farmers	Rs.20000/- per Machine or 40% of cost whichever less.	
			More than 35HP, Marginal, Small, SC & ST farmers	Rs.63000/- per Machine	
			More than 35 HP, Other Farmers	Rs.50000/- per Machine	
	NFSM	Rotavator	All Category Farmers	Rs.35000/-per Machine or 50% cost whichever less	
		Thresher	All Category Farmers	Rs.40000/-per Machine or 50% cost whichever less	

Note: Variation in subsidy pattern in various schemes i.e RKVY, NMSA, NMOOP, SMAM and NFSM. Field level functionaries are facing a lot of problem in this regard to satisfy the farmers.

ANNEXURE-VI

PROGRESS OF CLUSTER FLDS, SEED HUB AND ABSP

A. CLUSTER FLDS NFSM AND NMOOP

i) KVK- DANTEWADA

Crop	Physical				Financial (Lakh)		Yield		Thematic Area of FLD/ Remark
	Target		Conducted		Target	Achiev.	Demo. (kg/ha)	% increased over FP #	
	Area (ha)	Demo. (Nos.)	Area (ha)	Demo. (Nos.)					
Pulses (2016-17)									
Tur	50	125	50	125	3.98	3.80	1400	28	Crop Production
Gram	40	100	40	100	2.70	2.70	842	26	
NMOOP (2016-17)									
Mustard	30	75	30	75	0.60	0.60	354	40	01 KVK Covered
Pulses (2017-18)									
Tur	40	100	40	100					
NMOOP (2017-18)									
G.Nut	20	50	20	50	-	-	-	-	
Niger	20	50	-	-	-	-	-	-	

ii) KVK- KANKER

Crop	Physical				Financial (Lakh)		Yield		Thematic Area of FLD/ Remark	
	Target		Conducted		Target	Achiev.	Demo. (kg/ha)	% increased over FP #		
	Area (ha)	Demo. (Nos.)	Area (ha)	Demo. (Nos.)						
Pulses (2016-17)										
Urd	30	50	30	50	20.25	15.70	480	27	Varietal, Seed treatment, Improved method of sowing, Weed management, Disease and pest management	
Kulthi	30	63	30	63	20.25	12.66	550	41		
Gram	40	70	40	70	4.64	4.64	1029	58		
Lentil	20	29	20	29			803	111		
NMOOP (2016-17)										
Linseed	30	50	30	50	0.80	0.78	853	144		
Pulses (2017-18)										
Urd	30	50	30	50						
Kulthi	20	40	20	40						

iii) **KVK- BHATAPARA**

Centre/KVKs	Season	Name of Pulse Crop	Variety	Area Covered (ha)	Targeted Production	Achievement
KVK, Bhatapara	Kharif	Pigeonpea	Asha	26		39.7
	Rabi	Chickpea	JG-14	18.6		89.98
		Fieldpea	Paras	7.4		21.65
			Adarsh	1.2		4.09
		Pigeonpea	Asha	2.0		7
	Total			55.2		162.42
CARS, Bhatapara	Kharif	Pigeonpea	Asha			210
	Rabi	Chickpea	Vaibhav			31
			JG-14			90
		Field pea	Paras			153
			Shubhra			23
		Lentil	HUL -57			33
	Total					540

iv. **KVK-BHATAPARA 2017-18**

Centre	Season	Name of Pulse Crop	Variety	Area to be Covered (ha)	Targeted	Achievement
KVK, Bhatapara	Kharif	<i>Pigeonpea</i>	Rajeev Lochan		200	

PROGRESS OF SEED HUB PROGRAMME KVK- RAJNANDGAON

i) SEED PRODUCTION

Season	Name of Pulse Crop	Variety	Area to be Covered		Targeted Production		Raw Seed Production	
			At KVK	At farmers' field	At KVK	At farmers' field	At KVK	At farmers' field
Rabi 16-17	Chickpea	Jaki-9218/JG-63	4	66	30	480	19	432
	Field Pea	Paras	2.2	7.8	20	50	8	53
Total			6.2	63.80	50	530	27	485

ii) INPUTS TO FARMERS

S. No	Crop	Variety	Seed (qtl)	Seed Treating Material			weedi cide	Growth Promoter	Insecticide		Soluble Fertilizer
				Rhizobium Culture (Kg)	PSB Culture (Kg)	Car.+M encozeb (Kg)			Bt. (ltr)	Endocsa carb (ltr)	
1	Chickpea	Jaki-9218	54.90	40	40	20	4	75	94	36	375
2	Chickpea	JG-63	15.00								
3	Field Pea	Paras	10.00								

iii) QUANTITY PROCURED AGAINST PRODUCTION

Season	Name of Pulse Crop	Variety	Targeted Production		Raw Seed Production	
			At KVK	At farmers' field	At KVK	At farmers' field
Rabi 16-17	Chickpea	Jaki-9218/ JG-63	30	480	19	432
	Field Pea	Paras	20	50	8	53
Total			50	530	27	485

iv) INFRASTRUCTURE

(Rs. Lakh)

Head	2016-17			
	Allotment	Release	Expenditure	Unspent Balance
Seed Processing Unit	15.00	15.00	15.00	0
Godown	35.00	35.00*	0.0	35.00
Revolving Fund	32.00	32.00	11.90.	20.10
Total	82.0	82.0	26.90	20.10

* Fund Released to SPP IGKV Raipur for Construction of Seed Godowns;

Present status of creation of infrastructure/procurement of equipment's

“ Orders have been placed for procurement of grader machines dated; Grader machine has installed in KVK in April 2017

“ Construction of godown and other infrastructures ; Construction was started April 2017 and about 70% work is completed and godown will hand over till January 2018.

v) **TARGET 2017-18**

Name of KVK	Rabi 2017- 18	Name of Pulse Crop	Variety	Area to be Covered		Targeted Production (qtl)	
				At KVK	At farmersø field	At KVK	At farmersø field
Rajnandgaon	Rabi	Chickpea	As per Availability	4	96	40	1000
		Field Pea		1	9	10	100
		Moong		-	3	-	25
		Lathyrus		-	8	-	25
		Urd bean		-	3	-	25
Total							1175.00

vi) **ABSP (TARGET AND ACHIEVEMENT)**

Season/Crop	Variety	2016-17		2017-18	
		Target	Achievement	Target	Achievement
Rabi /chick pea/Field Pea	Jaki -9218/JG-63/paras	550	513		-
Rabi /chick pea	As per Availability	-	-	1000	
Rabi/ Field Pea		-	-	100	
Rabi / Moong		-	-	25	
Rabi /Lathyrus		-	-	25	
Rabi/ Urd bean		-	-	25	
Total		550	513	1175	

KVK-KANKER AND BHATAPARA



View of seed processing building at Kanker



View of seed processing machine at Kanker



View of seed processing building at Bhatapara



View of seed processing machine at Bhatapara



View of seed storage of seed hub production at Bhatapara

View of Arhar field (Rajeev lochan) seed production
Breeder to foundation



KVK farm Surgi visited and inspected seed gowdown and seed processing unit of seed hub project by
Dr.A.K.Shivhare Asst. Director, DPD Bhopal on dated 05.09.2017

KVK-WISE & CROP-WISE CLUSTER DEMONSTRATION: NFSM- PULSES 2017-18

A. KHARIF PULSES

(A*- Area ; D#- Demonstration)

S. No.	Name of KVKs	KHARIF PULSES								Total Area (ha)	Total Demo
		Urd		Mung		Total Demo.		Horsegram			
		A*	D#	A*	D#	A*	D#	A*	D#		
1	Bilaspur	30	75	0	0	30	75	0	0	60	150
2	Surajpur	30	75	20	50	20	50	0	0	70	175
3	Durg	0	0	0	0	30	75	0	0	30	75
4	Bastar	30	75	20	50	0	0	20	50	70	175
5	Raipur	0	0	0	0	10	25	0	0	10	25
6	Janjgir Champa	50	125	0	0	0	0	0	0	50	125
7	Raigarh	30	75	0	0	0	0	0	0	30	75
8	Dhamtari	30	75	10	25	10	25	0	0	50	125
9	Mahasamand	50	125	0	0	0	0	0	0	50	125
10	Dantewada	0	0	0	0	40	100	0	0	40	100
11	Korba	0	0	0	0	20	50	0	0	20	50
12	Jashpur	30	75	0	0	30	75	20	50	80	200
13	Kanker	30	75	0	0	0	0	20	50	50	125
14	Rajnandgaon	20	50	20	50	20	50	0	0	60	150
15	Kawardha	0	0	30	75	30	75	0	0	60	150
16	Korea	30	75	0	0	20	50	20	50	70	175
17	Balrampur	20	50	0	0	30	75	0	0	50	125
18	Bijapur	20	50	0	0	0	0	0	0	20	50
Total Kharif		400	1000	100	250	290	725	80	200	870	2175

B. RABI PULSES

S. No.	Name of KVKs	RABI PULSES										Total Area (ha)	Total Demo
		Chick pea		Field pea		Lentil		Lathyrus		Pigeon pea			
		A*	D#	A*	D#	A*	D#	A*	D#	A*	D#		
1	Bilaspur	30	75	0	0	0	0	20	50	0	0	50	125
2	Surajpur	20	50	20	50	20	50	0	0	0	0	60	150
3	Durg	30	75	0	0	30	75	0	0	20	50	80	200
4	Bastar	30	75	30	75	0	0	0	0	0	0	60	150
5	Raipur	10	25	0	0	0	0	0	0	0	0	10	25
6	Janjgir Champa	30	75	0	0	0	0	20	50	0	0	50	125
7	Dantewada	30	75	0	0	0	0	0	0	0	0	30	75
8	Korba	20	50	0	0	0	0	0	0	0	0	20	50
9	Jashpur	0	0	0	0	20	50	0	0	0	0	20	50
10	Kanker	30	75	0	0	30	75	0	0	0	0	60	150
11	Rajnandgaon	30	75	0	0	20	50	0	0	30	75	80	200
12	Kawardha	30	75	0	0	20	50	0	0	0	0	50	125
13	Korea	30	75	20	50	0	0	0	0	0	0	50	125
14	Balrampur	30	75	30	75	0	0	0	0	0	0	60	150
15	Narayanpur	30	75	30	75	0	0	0	0	0	0	60	150
16	Bijapur	20	50	30	75	0	0	0	0	0	0	50	125
17	Bhatapara	30	75	0	0	0	0	0	0	20	50	50	125
Total Rabi		430	1075	160	400	140	350	40	100	70	175	840	2100

C. SUMMER PULSES

S. No.	Name of KVKs	SUMMER PULSES				Total Area (ha)	Total Demo
		Black gram		Green gram			
		A *	D#	A *	D#		
1	Surajpur	20	50	30	75	50	125
2	Bastar	0	0	20	50	20	50
3	KVK Raipur	0	0	20	50	20	50
4	KVK Janjgir Champa	20	50	0	0	20	50
5	KVK Balrampur	0	0	30	75	30	75
6	KVK Bhatapara	0	0	20	50	20	50
Total Summer		40	100	120	300	160	400

KVK-WISE & CROP-WISE CLUSTER FLD : NMOOP-OILSEEDS 2017-18**A. KHARIF 2017-18**

KVK	Crop	Season	Allotted Area	No. of demo
Balrampur	Sesame	Kharif	30	75
Balrampur	Niger	Kharif	30	75
Baster	Niger	Kharif	30	75
Bijapur	Groundnut	Kharif	30	75
Dantewada	Groundnut	Kharif	20	50
Dantewada	Niger	Kharif	20	50
Durg	Soybean	Kharif	30	75
Jashpur	Niger	Kharif	30	75
Kawardha	Soybean	Kharif	50	125
Korba	Niger	Kharif	20	50
Korea	Niger	Kharif	40	100
Korea	Sesame	Kharif	20	50
Korea	Groundnut	Kharif	20	50
Narayanpur	Niger	Kharif	30	75
Rajnandgaon	Soybean	Kharif	40	100
Sarguja (Surajur)	Groundnut	Kharif	30	75
Sarguja (Surajur)	Sesame	Kharif	30	75
Total			500	1250

D. RABI & SUMMER 2017-18

KVK	Crop	Season	Allotted Area	No. of demo
Balrampur	Mustard	Rabi	40	100
Balrampur	Linseed	Rabi	20	50
Baster	Mustard	Rabi	10	25
Baster	Linseed	Rabi	10	25
Bhatapara	Mustard	Rabi	40	100
Bijapur	Mustard	Rabi	20	50
Bilaspur	Mustard	Rabi	30	75
Bilaspur	Linseed	Rabi	20	50
Dhamtari	Linseed	Rabi	20	50
Durg	Mustard	Rabi	30	75
Durg	Linseed	Rabi	30	75
Gariyaband	Sesame	Rabi	30	75
Janjgir-Champa	Mustard	Rabi	30	75
Janjgir-Champa	Linseed	Rabi	20	50
Jashpur	Mustard	Rabi	40	100
Jashpur	Linseed	Rabi	30	75
Kawardha	Mustard	Rabi	30	75
Kanker	Linseed	Rabi	40	100
Korba	Mustard	Rabi	30	75
Korea	Mustard	Rabi	40	100
Korea	Linseed	Rabi	40	100
Mahasamund	Mustard	Rabi	30	75
Narayanpur	Linseed	Rabi	20	50
Rajnandgaon	Mustard	Rabi	30	75
Raigarh	Mustard	Rabi	20	50
Raipur	Linseed	Rabi	30	75
Sarguja (Surajur)	Mustard	Rabi	40	100
Sarguja (Surajur)	Linseed	Rabi	30	75
Raipur	Sesame	Summer	20	50
Sarguja (Surajur)	Groundnut	Summer	30	75
Total			850	2125

ALLOCATION AND DISTRIBUTION OF NFSM SEED MINIKIT (PULSES) : KHARIF 2017

Minikit : Nos. ; Quantity :Qtls

S.No	District	Allocation (Seed Minikit)						Allocation (Govt. of India)						Distribution to the Famers					
		Arhar		Urd		Total		Arhar		Urd		Total		Arhar		Urd		Total	
		Nos.	Quant.	Nos.	Quant.	Nos.	Quant.	Nos.	Quant.	Nos.	Quant.	Nos.	Quant.	Nos.	Quant.	Nos.	Quant.	Nos.	Quant.
1	Raipur	0	0.00	350	14.00	350	14.00	0	0.00	350	14.00	350	14.00	0	0.00	350	14.00	350	14.00
2	Balod Bazar	125	5.00	350	14.00	475	19.00	125	5.00	350	14.00	475	19.00	125	5.00	350	14.00	475	19.00
3	Gariyaband	125	5.00	300	12.00	425	17.00	125	5.00	300	12.00	425	17.00	125	5.00	300	12.00	425	17.00
4	Mahasamund	0	0.00	350	14.00	350	14.00	0	0.00	350	14.00	350	14.00	0	0.00	350	14.00	350	14.00
5	Dhamtari	0	0.00	350	14.00	350	14.00	0	0.00	350	14.00	350	14.00	0	0.00	350	14.00	350	14.00
6	Durg	125	5.00	350	14.00	475	19.00	125	5.00	350	14.00	475	19.00	125	5.00	350	14.00	475	19.00
7	Balod Bazar	125	5.00	350	14.00	475	19.00	125	5.00	350	14.00	475	19.00	125	5.00	350	14.00	475	19.00
8	Bemetara	125	5.00	350	14.00	475	19.00	125	5.00	350	14.00	475	19.00	125	5.00	350	14.00	475	19.00
9	Rajnandgaon	125	5.00	300	12.00	425	17.00	125	5.00	300	12.00	425	17.00	125	5.00	300	12.00	425	17.00
10	Kabirdham	125	5.00	300	12.00	425	17.00	125	5.00	300	12.00	425	17.00	125	5.00	300	12.00	425	17.00
11	Bilaspur	125	5.00	300	12.00	425	17.00	125	5.00	300	12.00	425	17.00	125	5.00	300	12.00	425	17.00
12	Mungeli	125	5.00	290	11.60	415	16.60	125	5.00	290	11.60	415	16.60	125	5.00	290	11.60	415	16.60
13	Janjgir	0	0.00	280	11.20	280	11.20	0	0.00	280	11.20	280	11.20	0	0.00	280	11.20	280	11.20
14	Korba	125	5.00	500	20.00	625	25.00	125	5.00	500	20.00	625	25.00	125	5.00	500	20.00	625	25.00
15	Raigad	125	5.00	600	24.00	725	29.00	125	5.00	600	24.00	725	29.00	125	5.00	600	24.00	725	29.00
16	Jashpur	125	5.00	700	28.00	825	33.00	0	0.00	700	28.00	700	28.00	0	0.00	700	28.00	700	28.00
17	Sarguja	125	5.00	800	32.00	925	37.00	0	0.00	800	32.00	800	32.00	0	0.00	800	32.00	800	32.00
18	Surajpur	125	5.00	600	24.00	725	29.00	0	0.00	600	24.00	600	24.00	0	0.00	600	24.00	600	24.00
19	Balrampur	125	5.00	600	24.00	725	29.00	0	0.00	600	24.00	600	24.00	0	0.00	600	24.00	600	24.00
20	Korea	125	5.00	700	28.00	825	33.00	0	0.00	700	28.00	700	28.00	0	0.00	700	28.00	700	28.00
21	Jagdalpur	125	5.00	780	31.20	905	36.20	0	0.00	780	31.20	780	31.20	0	0.00	780	31.20	780	31.20
22	Kondagaon	125	5.00	700	28.00	825	33.00	0	0.00	700	28.00	700	28.00	0	0.00	700	28.00	700	28.00
23	Dantewada	0	0.00	400	16.00	400	16.00	0	0.00	400	16.00	400	16.00	0	0.00	400	16.00	400	16.00
24	Sukma	125	5.00	400	16.00	525	21.00	0	0.00	400	16.00	400	16.00	0	0.00	400	16.00	400	16.00
25	Bijapur	0	0.00	400	16.00	400	16.00	0	0.00	400	16.00	400	16.00	0	0.00	400	16.00	400	16.00
26	Narayanpur	0	0.00	400	16.00	400	16.00	0	0.00	400	16.00	400	16.00	0	0.00	400	16.00	400	16.00
27	Kanker	125	5.00	700	28.00	825	33.00	0	0.00	700	28.00	700	28.00	0	0.00	700	28.00	700	28.00
	Total	2500	100.0	12500	500.00	15000	600.00	1375	55.00	12500	500.00	13875	555.00	1375	55.00	12500	500.00	13875	555.00

Agency for Seed distribution Arhar (var. TJJT 501) -NSC, Urd (PU-31) - NAFED

ALLOCATION AND DISTRIBUTION OF NMOOP SEED MINIKIT (OILSEEDS) : KHARIF 2017

Minikit: Nos. ; Quantity: Qtls

S.No.	District	Allocation (Seed Minikit)				Allocation (Govt. of India)				Distribution to the Famers			
		Soybean		Soybean		Soybean		Soybean		Soybean		Soybean	
		Nos.	Quant.	Nos.	Quant.	Nos.	Quant.	Nos.	Quant.	Nos.	Quant.	Nos.	Quant.
1	Raipur	0		0		0	0.00	0	0.00	0	0.00	0	
2	Balod Bazar	0		0		0	0.00	0	0.00	0	0.00	0	
3	Gariyaband	0		0		0	0.00	0	0.00	0	0.00	0	
4	Mahasamund	0		0		0	0.00	0	0.00	0	0.00	0	
5	Dhamtari	0		0		0	0.00	0	0.00	0	0.00	0	
6	Durg	400	32.00	250	20.00	400	32.00	250	20.00	400	32.00	250	20.00
7	Balod Bazar	0		0		0	0.00	0	0.00	0	0.00	0	
8	Bemetara	3000	240.00	1000	80.00	3000	240.00	1000	80.00	3000	240.00	1000	80.00
9	Rajnandgaon	2800	224.00	1250	100.00	2800	224.00	1250	100.00	2800	224.00	1250	100.00
10	Kabirdham	3200	256.00	1500	120.00	3200	256.00	1456	116.48	3200	256.00	1456	116.48
11	Bilaspur	0		0		0	0.00	0	0.00	0	0.00	0	
12	Mungeli	600	48.00	1000	80.00	600	48.00	1000	80.00	600	48.00	0	
13	Janjgir	0		0		0	0.00	0	0.00	0	0.00	0	
14	Korba	0		0		0	0.00	0	0.00	0	0.00	1000	80.00
15	Raigad	0		0		0	0.00	0	0.00	0	0.00	0	
16	Jashpur	0		0		0	0.00	0	0.00	0	0.00	0	
17	Sarguja	0		0		0	0.00	0	0.00	0	0.00	0	
18	Surajpur	0		0		0	0.00	0	0.00	0	0.00	0	
19	Balrampur	0		0		0	0.00	0	0.00	0	0.00	0	
20	Korea	0		0		0	0.00	0	0.00	0	0.00	0	
21	Jagdalpur	0		0		0	0.00	0	0.00	0	0.00	0	
22	Kondagaon	0		0		0	0.00	0	0.00	0	0.00	0	
23	Dantewada	0		0		0	0.00	0	0.00	0	0.00	0	
24	Sukma	0		0		0	0.00	0	0.00	0	0.00	0	
25	Bijapur	0		0		0	0.00	0	0.00	0	0.00	0	
26	Narayanpur	0		0		0	0.00	0	0.00	0	0.00	0	
27	Kanker	0		0		0	0.00	0	0.00	0	0.00	0	
	Total	10000	800.00	5000	400.00	10000	800.00	4956	396.48	10000	800.00	4956	396.48

Agency for Seed distribution Soybean (JS 95-60)) NAFED

ALLOCATION AND DISTRIBUTION OF NMOOP SEED MINIKIT (OILSEEDS) :KHARIF 2017

Minikit : Nos. ; Quantity :Qtls

S.No.	District	Allocation (Seed Minikit)				Allocation (Govt. of India)				Distribution to the Famers			
		Groundnut		Sesame		Groundnut		Sesame		Groundnut		Sesame	
		Nos.	Quant.	Nos.	Quant.	Nos.	Quant.	Nos.	Quant.	Nos.	Quant.	Nos.	Quant.
1	Raipur	0		75	0.75	0	0.00	75	0.75	0	0.00	75	0.75
2	Balod Bazar	0		125	1.25	0	0.00	125	1.25	0	0.00	125	1.25
3	Gariyaband	250	50.00	75	0.75	0	0.00	75	0.75	0	0.00	75	0.75
4	Mahasamund	250	50.00	75	0.75	0	0.00	75	0.75	0	0.00	75	0.75
5	Dhamtari	0		75	0.75	0	0.00	75	0.75	0	0.00	75	0.75
6	Durg	0		75	0.75	0	0.00	75	0.75	0	0.00	75	0.75
7	Balod Bazar	0		75	0.75	0	0.00	75	0.75	0	0.00	75	0.75
8	Bemetara	0		50	0.50	0	0.00	50	0.50	0	0.00	50	0.50
9	Rajnandgaon	0		125	1.25	0	0.00	125	1.25	0	0.00	125	1.25
10	Kabirdham	0		100	1.00	0	0.00	100	1.00	0	0.00	100	1.00
11	Bilaspur	0		50	0.50	0	0.00	50	0.50	0	0.00	50	0.50
12	Mungeli	0		50	0.50	0	0.00	50	0.50	0	0.00	50	0.50
13	Janjgir	0		75	0.75	0	0.00	75	0.75	0	0.00	75	0.75
14	Korba	150	30.00	175	1.75	0	0.00	175	1.75	0	0.00	175	1.75
15	Raigad	500	100.00	200	2.00	0	0.00	200	2.00	0	0.00	200	2.00
16	Jashpur	250	50.00	50	0.50	0	0.00	50	0.50	0	0.00	50	0.50
17	Sarguja	150	30.00	50	0.50	0	0.00	50	0.50	0	0.00	50	0.50
18	Surajpur	150	30.00	125	1.25	0	0.00	125	1.25	0	0.00	125	1.25
19	Balrampur	150	30.00	125	1.25	0	0.00	125	1.25	0	0.00	125	1.25
20	Korea	150	30.00	200	2.00	0	0.00	200	2.00	0	0.00	200	2.00
21	Jagdalpur	0		100	1.00	0	0.00	100	1.00	0	0.00	100	1.00
22	Kondagaon	0		100	1.00	0	0.00	100	1.00	0	0.00	100	1.00
23	Dantewada	0		50	0.50	0	0.00	50	0.50	0	0.00	50	0.50
24	Sukma	0		50	0.50	0	0.00	50	0.50	0	0.00	50	0.50
25	Bijapur	0		50	0.50	0	0.00	50	0.50	0	0.00	50	0.50
26	Narayanpur	0		50	0.50	0	0.00	50	0.50	0	0.00	50	0.50
27	Kanker	0		150	1.50	0	0.00	150	1.50	0	0.00	150	1.50
	Total	2000	400.00	2500	25.00	0	0.00	2500	25.00	0	0.00	2500	25.00

Agency for Seed distribution Groundnut- KADIRI-9- NAFED and Sesame (RT-351) - (NSC)

ALLOCATION AND DISTRIBUTION OF SEED MINIKIT (NFSM+NMOOP): KHARIF 2017

Minikit : Nos. ; Quantity :Qtls

District	Allocation (Seed Minikit)						Allocation (Govt. of India)						Distribution to the Famers					
	Pulses		Oilseed		Grand Total		Pulses		Oilseed		Grand Total		Pulses		Oilseed		Grand Total	
	Total NFSM		Total NMOOP		(Pul. + Oilseed)		Total NFSM		Total NMOOP		((Pul. + Oilseed)		Total NFSM		Total NMOOP		(Pul. + Oilseed)	
	Nos.	Quant	Nos.	Quant.	Nos.	Quant.	Nos	Quant	Nos	Quant.	Nos.	Quant.	Nos	Quant	Nos.	Quant.	Nos	Quant
Raipur	350	14.00	75	0.75	425	14.75	350	14.00	75	0.75	425	14.75	350	14.00	75	0.75	425	14.75
Balod Bazar	475	19.00	125	1.25	600	20.25	475	19.00	125	1.25	600	20.25	475	19.00	125	1.25	600	20.25
Gariyaband	425	17.00	325	50.75	750	67.75	425	17.00	75	0.75	500	17.75	425	17.00	75	0.75	500	17.75
Mahasamund	350	14.00	325	50.75	675	64.75	350	14.00	75	0.75	425	14.75	350	14.00	75	0.75	425	14.75
Dhamtari	350	14.00	75	0.75	425	14.75	350	14.00	75	0.75	425	14.75	350	14.00	75	0.75	425	14.75
Durg	475	19.00	725	52.75	1200	71.75	475	19.00	725	52.75	1200	71.75	475	19.00	725	52.75	1200	71.75
Balod Bazar	475	19.00	75	0.75	550	19.75	475	19.00	75	0.75	550	19.75	475	19.00	75	0.75	550	19.75
Bemetara	475	19.00	4050	320.50	4525	339.50	475	19.00	4050	320.50	4525	339.50	475	19.00	4050	320.5	4525	339.5
Rajnandgaon	425	17.00	4175	325.25	4600	342.25	425	17.00	4175	325.25	4600	342.25	425	17.00	4175	325.25	4600	342.25
Kabirdham	425	17.00	4800	377.00	5225	394.00	425	17.00	4756	373.48	5181	390.48	425	17.00	4756	373.48	5181	390.48
Bilaspur	425	17.00	50	0.50	475	17.50	425	17.00	50	0.50	475	17.50	425	17.00	50	0.5	475	17.5
Mungeli	415	16.60	1650	128.50	2065	145.10	415	16.60	1650	128.50	2065	145.10	415	16.60	650	48.5	1065	65.1
Janjgir	280	11.20	75	0.75	355	11.95	280	11.20	75	0.75	355	11.95	280	11.20	75	0.75	355	11.95
Korba	625	25.00	325	31.75	950	56.75	625	25.00	175	1.75	800	26.75	625	25.00	1175	81.75	1800	106.75
Raigad	725	29.00	700	102.00	1425	131.00	725	29.00	200	2.00	925	31.00	725	29.00	200	2	925	31
Jashpur	825	33.00	300	50.50	1125	83.50	700	28.00	50	0.50	750	28.50	700	28.00	50	0.5	750	28.5
Sarguja	925	37.00	200	30.50	1125	67.50	800	32.00	50	0.50	850	32.50	800	32.00	50	0.5	850	32.5
Surajpur	725	29.00	275	31.25	1000	60.25	600	24.00	125	1.25	725	25.25	600	24.00	125	1.25	725	25.25
Balrampur	725	29.00	275	31.25	1000	60.25	600	24.00	125	1.25	725	25.25	600	24.00	125	1.25	725	25.25
Korea	825	33.00	350	32.00	1175	65.00	700	28.00	200	2.00	900	30.00	700	28.00	200	2	900	30
Jagdalpur	905	36.20	100	1.00	1005	37.20	780	31.20	100	1.00	880	32.20	780	31.20	100	1	880	32.2
Kondagaon	825	33.00	100	1.00	925	34.00	700	28.00	100	1.00	800	29.00	700	28.00	100	1	800	29
Dantewada	400	16.00	50	0.50	450	16.50	400	16.00	50	0.50	450	16.50	400	16.00	50	0.5	450	16.5
Sukma	525	21.00	50	0.50	575	21.50	400	16.00	50	0.50	450	16.50	400	16.00	50	0.5	450	16.5
Bijapur	400	16.00	50	0.50	450	16.50	400	16.00	50	0.50	450	16.50	400	16.00	50	0.5	450	16.5
Narayanpur	400	16.00	50	0.50	450	16.50	400	16.00	50	0.50	450	16.50	400	16.00	50	0.5	450	16.5
Kanker	825	33.00	150	1.50	975	34.50	700	28.00	150	1.50	850	29.50	700	28.00	150	1.5	850	29.5
Total	15000	600.00	19500	1625.00	34500	2225.00	13875	555.00	17456	1221.48	31331	1776.48	13875	555.00	17456	1221.48	31331	1776.48

DISTRICT –WISE /CROP WISE VARIETIES 2016-17

S.No	District	Rice	Maize	Gram	Urd	Moong	Pea	Lentil	Arhar
1	Raipur	Swarna Sub-1,Rajeshwari, PKV HMT, Durgeshwari, Chandrahasni, Maheshwari, Karma-masuri, US-382		Jaki-9218, JG-14			Paras	Azad-1	
2	Baloda Bazar	Rajeshwari, US-382, Tej Gold, PKV HMT, DRR-42, Chandrahasni, Swarna Sub-1, Maheshwari, Pusa-5	JKMH-1701	Jaki 9218	PU-31		Paras	Azad-1	Laxmi
3	Gariyaband	Rajeshwari, Maheshwari, Sambha masuri	Dhanya Prabal M-101	Jaki9218, JG-14, JG-74, Vaibhav	PU-31	SML-668,Hum-12	Vikash, Paras	Azad	LRG-41
4	Durg	Rajeshwari		Jaki9218, JG-06				Azad	Rajiv Lochan, LRG-41
5	Bemetra			JG-63, Jaki-9218,JG-6, JG-130, JG-12, JG-14, Ujjwal		Pairi, HUM-1	Paras, Prakash	Azad	Rajiv lochan
6	Balod	Maheshwari, Chandrahasini		Jaki 9218	PU-31		Paras, Prakash	Azad	Rajiv Lochan, ICPL-85063
7	Kabirdham	Swarna Sub-1,Karma masuri, chandrahasini, Maheshwari, Swarna, Durgeshwari,PKV,JKRH-401, Pusa Sugandhit Rajeshwari	Bhim	Jaki 9218		SML-668	Prakash	KPL-218	LRG-41
8	Mahasamund	Rajeshwari,Swarna Sub-1		Jaki-9218	Azad-3	SML-668	Ambika, Aman		
9	Bilaspur	Rajeshwari, Samleshwari, JRH-5, PKV HMT	JKMH - 1701	Jaki 9218	Azad-3	PDM 139,SML-668	Paras		ICPL-85063, LRG-41
10	Moongeli	Rajeshwari, Maheshwari, Swarna Sub-1, Sehbhagi, JKRh 3333	Bio 22027, Prabal M01	Jaki 9218, Vaibhav	PU-31	SML-668	Prakash	Azad	ICPL 85063
11	Raigarh	PKV-HMT, Swarna, Rajeshwari,Swarna Sub-1, Co-4, DRH-775, Durgeshwari		Jaki-9218	PU-31	HUM-12	Prakash		ICPL 85063

S.No	District	Rice	Maize	Gram	Urd	Moong	Pea	Lentil	Arhar
12	Korba	Chandrasasni, DRH-775, Maheshwari, Durgeshwari, Rajeshwari, Karma- masuri, PVT-HMT, Swarna Sub-1		Jaki 9218			Parash		ICPL-85063,Rajiv Lochan
13	Sarguja	Chandrasasni	Prabal	Vijay, Jaki9218	Pu-31, Azad-3,		Prakash, Paras	IPN-316	Laxmi, UPAS 120, Asha
14	Surajpur	Chandrasasni	Bhim	Jaki-9218	Pu-32				Rajiv Lochan
15	Koriya	PKV HMT, Chandrasasni, Rajeshwari, Durgeshwari, DRH-775		Jaki-9218	Azad-3	PDM-139	Paras		ICPL-87
16	Dhamtari	Rajeshwari, Samleshwari	JKMH-1701	Jaki-9218					Asha
17	Jagdalpur	Samleshwari, Swarna Sub-1	Hycel, Prabal M-01, PAC-335	Jaki-9218	PU-31	SML-668,PDM-139	Paras		ICPL-85063
18	Kondagaon	Chandrasasni, Sahbhagi	Prabal M-01		PU-31	SML-668,PDM-139	Paras, Prakash		ICPL-85063
19	Narayanpur				PU-31		Vikas		
20	Kanker	US-382	Prabal M-01, Bhim,JKMH-1701	Jaki-9218	PU-31, TU-01	Anand	Vikas		LRG-41

Bemetra : Lathyrus-Pratik, **Balod**- Mahatiwada, Pratik; **Kabirdham**: Soyabean-JS-9560; **Surajpur**: Kodo - JKJ-155, **Jagdalpur** - JKJ-155; **Jagdalpur**: Ragi GPU-28

Note: 07 Districts of CG i.e. Rajnandgaon, Janjgir- Champa Jashpur , Balrampur, Dantewada, Sukma, Bijapur recorded not received details of varieties.

DISTRICT –WISE /CROP WISE VARIETIES 2017-18

S.No.	District	Rice	Maize	Gram	Urd	Moong	Arhar
1	Raipur	Rajeshwari, Swarna Sub-1, PKV HMT, PKV HMT, Karma masuri, US-382					
2	Baloda Bazar	Rajeshwari, PKV-HMT, BPT-3291, Swarna Sub-1					Rajiv Lochan
3	Gariyaband	Rajeshwari, Maheshwari, PKV-HMT	4558		Azad-3	Hum-12	
4	Durg	Rajeshwari					Rajiv Lochan
5	Bemetra	Rajeshwari		JG-63, 130, Jaki-9218,			Rajiv Lochan
6	Balod	Durgeshwari					Rajiv Lochan
7	Rajnandgaon	Not Received					
8	Kabirdham	Rajeshwari, Shayadri-4, PKV HMT, Durgeshwari	NMH-803, Shourya			HUM-12	Rajiv Lochan
9	Mahasamund	Rajeshwari, Swarna Sub-1			Azad-3	SML-668	Rajiv Lachan
10	Bilaspur	Rajeshwari, Shamleshwari, Rashi, Co-4	LRG-41				
11	Mungeli	Rajeshwari, Swarna Sub-1, Sehayadri-4, PKV-HMT	4558		Azad-3	TJM-3	Rajiv Lochan
12	Raigarh	Swarna Sub-1, Co-4, DRH-775, PKV-HMT, Rajeshwari, Rajeshwari, Durgeshwari		Jaki-9218	PU-31	HUM-12	Rajiv LOchan
13	Korba	Swarn Sub-1, Chandrahasini, Karma-masuri, Durgeshwari, DRH-775					Rajiv Lochan
14	Sarguja	Chandrahasni	4558	Vijay, Jaki-9218	PU-31, Azad-3		Laxmi, UPAS 120, Rajiv Lochan
15	Surajpur	Maheshwari	Bhim		PU-32		Rajiv Lochan
16	Balrampur	Not Received					
17	Koriya	Rajeshwari, Sahyadri	22027		Azad-3		ICPL-87
18	Dhamtari	Rajeshwari	JKMH-1701				Rajiv Lochan
19	Jagdalpur	Samleshwari	Hycel, JK-502		PU-31	PDM-139	Rajiv Lochan
20	Narayanpur	Durgeshwari	Bhim				LRG-41
21	Kanker	Ankur-7434, KPH-371	4558, JKM-502		Azad-3	HUM-12	Rajiv Lochan, LRG-41

Note: 06 Districts of CG i.e. Rajnandgaon, Janjgir- Champa, Jashpur, Balrampur, Dantewada, Sukma recorded not received details of varieties.

ANNEXURE-XI

A. REVISED CROP-WISE SEED PRODUCTION TARGETS (Qtls) : SEED HUB 2017-18

Seed Hub	Pigeonpea	Fieldpea	Chickpea	Lentil	Mungbean	Lathyrus	Urdbean	Total
KVK, Bhatapara	200	100	400	50	25	50	25	850
KVK, Surguja	200	300	150	50	25	-	25	750
KVK, Rajnandgaon	-	100	1000	-	25	25	25	1175
KVK, Kawardha	150	-	1400	-	-	25	25	1600
KVK, Kanker	-	100	350	-	25	25	100	600
KVK, Janjgir-Champa	25	-	250	-	-	-	250	525
AICRP (Pulses),Bhatapara	200	400	300	-	-	-	-	900
Total	775	1000	3850	100	100	125	450	6400

B. REVISED YEAR-WISE & KVK-WISE SEED PRODUCTION TARGETS (Q)

Seed Hub	Quantity of seed production target (q)			Budget allocation (Rs. in lakhs)		
				Infrastructure fund	Revolving fund	
	2016-17	2017-18	2018-19	2016-17	2016-17	2017-18
Bhatapara	500	750	1000	50.0	30.0	70.0
Surguja	550	950	1000	50.0	40.0	60.0
Rajogaon	550	850	1000	50.0	32.0	68.0
Kanker	500	1000	1000	50.0	40.0	60.0
Janjgir	500	1000	1000	50.0	40.0	60.0
Kawardha	600	950	1200	50.0	40.0	60.0
AICRP(Pulses),Bhatapara	750	900	1000	50.0	40.0	60.0
Total	3950	6400	7200	350	262	438

C. FOLLOW-UP OF SEED PRODUCTION UNDER SEED HUBS OF IGKV: *KHARIF*, 2017

Seed Hub	Pigeon pea				Black gram			
	Target (q)	Variety Sown	Seed Category to be produced	Area Sown (ha)	Target (q)	Variety Sown	Seed Category to be produced	Area Sown (ha)
KVK, Bhatapara	200	Rajeevlochan	Certified	32.38	25	-	-	In summer
KVK, Surguja	200	Rajeevlochan	Foundation	3.0	25	Indira Urd-1	Certified	3.0
		TJT 501	Foundation	26.60	0.0	Azad-3	Certified	2.0
KVK, Rajnandgaon	0.0	-	-	0.0	25	-	-	In summer
KVK, Kawardha	150	Rajeevlochan	Foundation	13.8	25	-	-	In summer
KVK, Kanker	0.0	-	-	0.0	100	PU-31	Certified	30.0
KVK, Janjgir-Champa	25	Rajeevlochan	Certified	3.0	250	Azad-3	Certified	31.4 To be sown in summer also
AICRP (Pulses), Bhatapara	200	Rajeevlochan	Certified	28.0	0.0	-	-	0.0
		Asha	Foundation	2.0	0.0	-	-	0.0
Total	775	-	-	108.78	450	-	-	66.4

D. PROGRESS OF PULSE SEED PRODUCTION UNDER SEED-HUBS (2016-17)

S.No.	Seed-hub	Crop	Variety	Area sown (ha)	Seed category produced	Raw Seed Production(q)	Productivity(q/ha)
1.	Kanker	Chickpea	JG 130	20	C/S	125	6.25
		Chickpea	JAKI 9218	25	C/S	150	6.00
Sub-total				45.0		275	
2.	Rajogaon	Chickpea	JAKI 9218	55	C/S	385	7.00
		Chickpea	JG 63	15	C/S	68	4.50
		Fieldpea	Paras	10	C/S	61	6.100
Sub-total				80		514	
3.	Surguja	Pigeonpea	Asha	2.5	C/S	6.76	2.74
		Chickpea	JAKI 9218	6.0	C/S	4.82	0.80
		Fieldpea	Paras	10	C/S	5.02	0.50
		Lentil	KLS 218	5.2	C/S	4.16	
		Lentil	PL 7	0.8	F/S	1.31	1.63
		Blackgram	Azad 3	2.5	C/S	5.60	2.24
Sub-total				24.5		27.67	1.12
4.	Kawardha	Chickpea	JAKI 9218	44	C/S II	773	17.56
Sub-total				44		773	17.56
5.	Bhatapara	Chickpea	JG 130	6.0	C/S	24.29	4.04
		Chickpea	JAKI 9218	11.4	F/S	65.69	5.76
		Fieldpea	Paras	4.0	C/S	7.30	1.8
		Fieldpea	Paras	3.40	F/S	14.28	4.2
		Fieldpea	Adarsh	1.20	F/S	4.09	3.4
		Pigeonpea	Asha	14.0	C/S I	46.7	3.33
Sub-total				40		162.35	4.05
6.	Janjgir	Didn't take any programme due to late allocation of centre					
7.	AICRP (Pulses)	Pigeonpea	Asha	30.0	C/S I	150.0	5.0
		Chickpea	Vaibhav	4.0	F/S	31.0	7.75
		Chickpea	JG 14	16.0	C/S I	90.0	5.62
		Fieldpea	Paras	20.0	F/S	153.0	7.65
		Fieldpea	Shubhra	4.0	F/S	23.0	5.75
		Lentil	HUL 57	20.0	C/S I	33.0	1.65
Sub-total				94.0		480	5.10
Grand Total				327.5		2232.02	6.81

PHYSICAL AND FINANCIAL PROGRESS DURING 2017-18

1. NATIONAL FOOD SECURITY MISSION -RICE

Month- August 2017-18

(Rs. In lakh)

S. No.	Interventions	Approved rate of assistance	Unit	Target Proposed by State		Target Achiev. by State	
				Physical	Fin.	Physical	Fin.
1	Cluster demonstration by state department of agriculture (one cluster of 100 ha).						
	(i)Direct seeded Rice	Rs. 7500/ha	ha	2500	187.500	1150	8.211
	(ii)Rice Line Transplanting	Rs. 7500/ha	ha	2870	215.250	970	9.167
	(iii)Rice SRI	Rs. 7500/ha	ha	1700	127.500	700	4.039
	Sub Total a (i) to a (iv)		ha	7070	530.25	2820	21.417
	(b) Cluster Demonstrations on Hybrid Rice (one cluster of 100 ha)	Rs. 7500/ ha	ha	7501	562.575	4100	38.060
	(c) Demonstrations on stress tolerance varieties of 100 ha each	Rs. 7500/ ha	ha	1600	120.000	350	0.750
	(d) Cropping System based demonstrations						
	(i) Rice-Gram	Rs. 12500/ha	ha	2000	250.000	800	4.618
	(ii) Rice-pea	Rs. 12500/ha	ha	2000	250.000	700	4.840
	(iii) Rice-Maize	Rs. 12500/ha	ha	3500	437.500	1700	11.870
	Sub Total d (i) to d (iv)			7500	937.500	3200	21.328
	Total Demonstration 1 (a) to 1 (d) (40%)			23671	2150.325	10470	81.555
2	Seed distribution:						
	Hybrid Rice seed	Rs. 5000/Qtl	Qtl.	4000	200.000	81	20.000
	HYV Seed	Rs. 1000/Qtl	Qtl.	87466.10	874.661	5187.70	6.225
	Sub Total 2 (a) to 2 (b) (20%)			91466.1	1074.661	5268.7	26.225
3	Plant and Soil Protection Management						
	(a) Soil Management						
	(i) Micronutrients	Rs. 500/ha	ha	50761.6	253.808	20000	20.000
	(ii) Liming in acidic soils	Rs. 1000/ ha	ha	3500	35.000	350	0.000
	Sub Total 3 (INM)			54261.6	288.808	20350.00	20.000
	(b) Plant Protection Management						
	(i) Plant protection chemicals and bio-agents	Rs. 500/ha	ha	61000	305.000	6700	0.000
	(ii) Weedicides	Rs. 500/ha	ha	42512	212.560	6500	0.000
	Sub Total 3 (IPM)			103512	517.560	13200	0.000
Sub Total 3 Soil & Plant Protection Management (15%)			157774	806.368	33550	20.000	
4	A. Resource conservation techniques/ Tools						
	(A) Under NFSM						
	(a) Conoweeders	Rs. 600/Unit	Nos.	1991	11.946	0	0.000
	(b) Manual Sprayer	Rs. 600/Unit	Nos.	32015	192.090	3150	0.000
	(c) Power Sprayers	Rs. 3000/Unit	Nos.	3000	90.000	0	0.000
	(d) Seed drills	Rs. 15000/Unit	Nos.	493	73.950	0	0.000
	(e) Multi crop planters	Rs. 15000/Unit	Nos.	15	2.250	0	0.000
	(f) Power weeders	Rs. 15000/Unit	Nos.	15	2.250	0	0.000
	(g) Zero till multi crop planters	Rs. 15000/Unit	Nos.	10	1.500	0	0.000
	(h) Drum seeder	Rs. 1500/Unit	Nos.	50	0.750	0	0.000
	(i) Rotavators/Turbo Seeder	Rs. 35000/Unit	Nos.	381	133.350	0	0.700
	(j) Laser land levelers	Rs. 150000/Unit	Nos.	0	0.000	0	0.000
	(k) Paddy thresher/multi-crop thresher	Rs. 40000/Unit	Nos.	330	132.000	0	0.000
	(l) Self-propelled Paddy transplanter	Rs. 75000/Unit	Nos.	30	22.500	0	0.000

	SubTotal 4 (A)			38330	662.586	3150	0.700
	(B) Other Machinery Approved under SMAM (SubMission on Agriculture Mechanization)						
	(a) Distribution of Power Tiller (8 BHP & above)for SC/ST farmers	50% of cost or Rs. 75,000/	Nos.	45	33.750	0	0.000
	(a) Distribution of Power Tiller (8 BHP & above)for General farmers	40% of cost or Rs. 60,000/		49	29.400	0	0.000
	Sub Total (4B)			94	63.150	0	0.000
	Total for Machinery 4(A) & 4 (B)			38424	725.736	3150	0.700
S. No.	Interventions	Approved rate of assistance	Unit	Target Proposed by State		Target Achiev. by State	
				Physical	Fin.	Physical	Fin.
5	Water Application Tools						
	(a) Incentive for pump sets	Rs. 10000/Unit	Nos.	350	35.000	5	0.300
	(b) Water Carrying Pipes (For HDPE Pipe)	50% of the cost limited to Rs. 50/- per meter for HDPE. Max.ceiling of Rs. 15,000/-per farmer/benefi.	mtr.	92060	46.030	0	0.000
	Sub Total 5(a) To 5 (b)				81.030		0.300
	Sub Total 4 To 5 (15%)				806.766		1.000
6	Cropping system based trainings (four sessions i.e. one before kharif, One each during kharif and rabi crops and one after rabi harvest.)	Rs. 3500/- session, Rs. 14000/- training	Nos.	385	53.900	50	2.100
	Capacity building/Training (1%)					50	2.100
	Sub Total Need Based Inputs (2 to 6)				2741.695		49.325
7	Miscellaneous expenses						
	(a) Project management team and other miscellaneous expenses at district level**			0	0.000	0	0.000
	(b) Project management team and other miscellaneous expenses at State level**			0	0.000	0	0.000
	Sub Total 7(a) To 7(b)			0	0.000	0	0.000
8	Local initiatives						
	(i) Construction of Godowns	Maximum Rs 1.50 lakh or 50% of cost whichever is less	Nos.	200	300.000	35	24.000
	(ii)Reaper for SC/ST farmers	50% of cost or Rs 63000/- for SC/ST/Small & Marginal Farmers/Women Farmers	Nos.	125	78.750		
	(iii)Reaper for General farmers	40% of cost or Rs.50000/- for other beneficiaries		210	105.000		
	Sub Total Reaper			335	183.750	0	0.000
	Sub Total Local initiatives (9%)			535	483.750	35	24.000
9	Other Initiatives						
	(a) Demonstration by NGOs	Rs. 8250/ha	ha				
	(b) Assistance for CHC	Rs. 1500/ha	ha				
	(c) Specialized projects						
	Grand Total				5375.770		154.88

Target Amount = 5375.00 Lakh
Allotment = 2661.42Lakh
Expenditure = 154.88 Lakh
Achievement = 6%

2. NATIONAL FOOD SECURITY MISSION - PULSES

Month-August 2017-18

(Rs. In lakh)

S. No	Interventions	Approved rate of assistance	Unit	Target Proposed by State		Target Achievement by State	
				Physical	Financial	Physical	Financial
1	Demonstration on improved technologies:						
	(a) Cluster Demonstrations (of 100 ha each)						
	(i) Arhar	Rs. 7500/ha	ha	1000	75.000	900	10.770
	(ii) Gram		ha	5500	412.500	0	0.000
	(iii) Urd		ha	2000	150.000	1192	33.310
	(iv) Moong		ha	2068	155.100	1463	46.150
	(vi)Pea		ha	1200	90.000	0	0.000
	Sub Total (a)			11768	882.600	3555	90.230
	(b) Cropping system based demonstrations						
	(i)Rice-Gram	Rs. 12500/ha	ha	3265	408.125	2665	12.540
	(ii)Rice-pea		ha	769	96.125	769	3.370
	(ii)Rice-moong		ha	500	62.500	400	3.580
	(iii)Rice-urd			200	25.000	200	2.650
	Sub-Total (b)		ha	4734	591.750	4034	22.140
	(c) Demonstration on Intercropping						
	(i) Arhar+Soybean	Rs. 7500/ha	ha	400	30.000	300	0.000
	(ii) Arhar +Maize		ha	800	60.000	700	7.950
	(iii) Moong/Urd +Maize		ha	800	60.000	500	3.170
	Sub-Total (c)			2000	150.000	1500	11.120
		Sub Total Demonstration (a)+(b)+(c) (30%)			18502	1624.350	9089
2	Assistance for Distribution & Production of Seeds						
	(a) Distribution of Seeds						
	(i) Arhar	Rs. 2500/ Qtls	Qtl	5000	125.000	847.86	0.000
	(ii) Moong		Qtl	1000	25.000	259.00	0.000
	(iii) Urd		Qtl	1000	25.000	368.33	0.000
	(iv) Gram		Qtl	16488.02	412.201	0	0.000
	(v) Lentil		Qtl	500	12.500	0	0.000
	(vi) Pea		Qtl	2500	62.500	0	0.000
	Sub Total for Distribution (15%)		Qtl	26488.02	662.201	1475.190	0.000
	(b) Production of Seeds						
	(i) Arhar	Rs. 2500/ Qtls	Qtl	5000	125.000	164.97	0.00
	(ii) Gram		Qtl	16488.02	412.201	0.00	0.00
	(iii) Urd		Qtl	1000	25.000	1176.88	0.00
	(iv) Moong		Qtl	1000	25.000	50.00	0.00
	(v) Letil		Qtl	500	12.500	0.00	0.00
	(v) Pea		Qtl	2500	62.500	0.00	0.00
	Sub Total for Production (15%)		Qtl	26488.020	662.201	1391.850	0.000
	Total for Seed-item 2		Qtl	52976.040	1324.401	2867.040	0.000

S. No	Interventions	Approved rate of assistance	Unit	Target Proposed by State		Target Achievement by State		
				Physical	Financial	Physical	Financial	
3	Integrated Nutrient Management (INM)							
	(a)Micro-nutrients	Rs. 500/ha	ha	55602.81	278.014	11360.00	16.730	
	(b)Gypsum/80% WG Sulphur	Rs. 750/ha	ha	3500	26.250	900	6.750	
	(c) Lime	Rs. 1000/ha	ha	3502	35.020	6400	0.000	
	(d) Bio-fertilizers	Rs. 300/ha	ha	45000	135.000	8308	4.830	
	Sub Total INM 3 (a) to 3 (d)			ha	107604.81	474.284	26968.00	28.310
4	Integrated Pest Management (IPM)							
	(a)Distribution of PP chemicals	Rs. 500/ha	ha	53340	266.700	8164	14.480	
	(b) Weedicides	Rs. 500/ha	ha	45000	225.000	9750	9.470	
	Sub Total 4 (a) and 4 (b)			ha	98340	491.700	17914	23.950
	Total INM & IPM (3+4) (15%)			ha	205944.81	965.984	44882.00	52.260
5	Resource conservation technologies /tools							
	(A) Under NFSM							
	(a) Power Knap sack sprayers	Rs. 3000/Unit	Nos.	3935	118.050	0	0.000	
	(b)Manual Sprayer	Rs. 600/Unit	Nos.	20396	122.376	3950	0.000	
	(c) Zero till seed drills	Rs. 15000/Unit	Nos.	20	3.000	0	0.000	
	(d) Multi crop planters	Rs. 15000/Unit	Nos.	13	1.950	0	0.000	
	(e) Seed drills	Rs. 15000/Unit	Nos.	304	45.600	0	0.000	
	(f) Rotavators	Rs. 35000/Unit	Nos.	262	91.700	4	0.000	
	(g) Multi crop thresher	Rs. 40000/Unit	Nos.	150	60.000	0	0.000	
Sub Total Machineries 5 (A)				25080	442.676	3954	0.000	
5	(B) Other Machinery Approved under SMAM (Sub-Mission on Agriculture Mechanization)							
	(i) Distribution of Power Tiller (8 BHP & Above)SC/ST/small & marginal/ woman farmer	50% of cost or Rs. 75000/-	Nos.	10	7.500	0	0.000	
	(ii) Distribution of Power Tiller (8 BHP & Above) for other beneficiaries	40% of cost or Rs. 60000/-	Nos.	37	22.200	0	0.000	
	Sub Total 5 (B)			Nos.	47	29.700	0	0.000
	Total Machinery 5 (A) + 5 (B)			Nos.	25127	472.376	3954	0.000

S. No	Interventions	Approved rate of assistance	Unit	Target Proposed by State		Target Achievement by State	
				Physical	Financial	Physical	Financial
6	Efficient Water Application Tools						
	(a) Sprinkler sets	Rs. 10000/ha	ha	1000	100.000	0	0.000
	(b) Pump sets	Rs. 10000/Unit	Nos.	479	47.900	0	0.000
	(c) Pipe for carrying water from source to the field	50% of the cost limited to Rs. 50/m. for HDPE pipes. Max. ceiling of Rs. 15,000/- farmer	Mtr.	169798	84.899	151080	22.420
	(d) Mobile Rainguns	Rs. 15000/Unit	Nos.	16	2.4000	0	0.0000
	Sub Total 6 (a) to 6 (d)				235.199		22.420
	Total Mechanization (5 + 6) (15%)				707.575		22.420
7	Cropping system based trainings (4 sessions i.e. 01 before kharif, 01 each during kharif and rabi crops and one after rabi harvest.)	Rs. 3500/- session, Rs. 14000/- training	Nos.	318	44.520	96	2.300
8	Miscellaneous expenses						
	(a) Project management team and other miscellaneous expenses at district level	Rs. 12.058 Lakh per district	No. of Dist.	0	205.000	1	5.890
	(b) Project management team and other miscellaneous expenses at state level	-	-		17.000	0	0.000
	Sub-Total 8 (a) to 8 (b)				222.000		5.890
9	Local initiatives						
	(a) Construction of Godowns	Maximum Rs 1.50 Lakh	Nos.	252	378.000	29	27.940
	SC, ST	Rs 63000 for SC,ST,S& MFarmers, Women Rs.50000/Unit for other beneficiary	Nos.	0	0.000		
	GEN			0	0.000		
	Sub-Total 9 (a) to 9 (b) (9%)			Nos.	252	378.000	29
	Total Financial (1 to 9)				5266.830		234.300

Target Amount	= 5266.83Lakh
Allotment	= 1193.12Lakh
Expenditure	= 234.30 Lakh
Achievement	= 19 %

3. NATIONAL FOOD SECURITY MISSION –COARSE CEREALS

Month-August 2017

(Rs. In lakh)

Monthly August 2017 (Rs. in lakhs)							
S. No.	Interventions	Approved rate of assistance	Unit	Target Proposed by State		Target Achievement by State	
				Physical	Financial	Physical	Financial
1	(a) Demonstration on improved package						
	(i) Maize	Rs. 5000/ha	ha	3420	171.0	1750	18.90
	(ii) Finger millet	Rs. 5000/ha	ha	300	15.0	100	0.13
	(iii) Kodo	Rs. 5000/ha	ha	300	15.0	100	5.00
	Sub Total (i) to (iii)			4020	201.00	1950	24.03
2	Distribution of Certified Seeds						
	(a) HYVs Seeds						
	KODO	Rs. 1500/qtl.	Qtl	500	7.50	0	0.00
	RAGI	Rs. 1500/ qtl.	Qtl	500	7.50	4	0.00
	Total	Rs. 1500/ qtl.	Qtl	1000	15.00	4	0.00
	(b) Hybrid Seeds (Maize)	Rs. 5000/qtl.	Qtl	1435.0	71.75	466.04	0.00
	Sub Total 2 (a) and 2 (b) (30%)			Qtl	2435.00	86.75	470.04
Total Financial (1 to 5)				287.75		24.03	

Target Amount	= 287.75 Lakh
Allotment	= 200.74Lakh
Expenditure	= 24.03 Lakh
Achievement	= 12 %

[illegible]

S.No.	Name of Scheme	Proposed Programme	Unspent Amount (UA)	Released			Expenditure			Expend. %
				Central	State	Total	Central	State	Total	
9	Paramparagat Krishi Vikas Yojna	843.38	UA 16-17	354.23	236.16	590.39	0.41	0.28	0.69	0
			2017-18							
			Total	354.23	236.16	590.39	0.41	0.28	0.69	0
10	Pradhan Mantri Krishi Sinchai Yojna	5397.50	UA 16-17	233.51	155.68	389.19	233.51	155.68	389.19	26
			2017-18	656.25	437.49	1093.74				
			Total	889.76	593.17	1482.93	233.51	155.68	389.19	26
11	NMAET (Sub-mission on Agriculture Extension)	4800.00	UA 16-17	569.85	317.79	887.64	1180.48	786.99	1967.47	95
			2017-18	705.10	481.07	1186.17				
			Total			1274.95	798.86	2073.81	1180.48	786.99
12	Implements under Agriculture Mechanization Mission	9742.32	UA 16-17	32.39	21.59	53.98	101.62	67.75	169.37	7
			2017-18	1341.21	894.14	2235.35				
			Total	1373.60	915.73	2289.33	101.62	67.75	169.37	7
13	Establisahment of Banks under Agriculture Mechanization		UA 16-17	49.20	32.80	82.00				0
			2017-18	400.80	267.20	668.00				
			Total	450.00	300.00	750.00	0.00	0.00	0.00	0
14	Publicity of mechanization under Agriculture mechanization at village level		UA 16-17	43.39	28.93	72.32				0
			2017-18			0.00				
			Total	43.39	28.93	72.32	0.00	0.00	0.00	0
	Total : (Sub-mission on Agri. Mechanization)	9742.32		1866.99	1244.66	3111.65	101.62	67.75	169.37	5
15	NMAET (Sub-mission on Plant Protection and Quarentine Yojna)		2017-18			0.00				0
16	National Food Security Mission	10930.35	2017-18	472.59	315.06	787.65	472.59	315.06	787.65	100
17	Integrated Watershed Managment	9294.00	2017-18	107.50	89.66	197.16	107.50	89.66	197.16	100

ANNEXURE-XIV

PRADHAN MANTRI FASAL BIMA YOJANA (PMFBY)- KHARIF-2017 AS ON 30-08-2017

S. No.	Dist. Name (No. of bank)	Loanee Farmers				Non Loanee Farmers				TOTAL			
		No. of Farmers Covered	Total Sum insured (Amt in Rs Lac)	Amount of premium received (Amt in Rs Lac)	No. of entries posted in Central Govt Website	No. of Farmers Covered	Total Sum insured (Amt in Rs Lac)	Amount of premium received (Amt in Rs Lac)	No. of entries posted in Central Govt Website	No. of Farmers Covered	Total Sum insured (Amt in Rs Lac)	Amount of premium received (Amt in Rs Lac)	No. of entries posted in Central Govt Website
1	Raipur (358)	66061	30540.45	631.25	8581	2445	929.01	18.53	26	68506	31469.46	649.79	8607
2	Baloda Bazar (83)	87092	39080.18	832.44	1297	2376	853.55	16.94	141	89468	39933.73	849.38	1438
3	Dhamtari (75)	58621	25733.75	458.8	3254	7632	2813.27	50.3	67	66253	28547.02	509.1	3321
4	Gariyaband(33)	37426	17090.81	351.14	1135	6612	2621.49	52.75	100	44038	19712.3	403.89	1235
5	Mahasamund(82)	61142	34973.61	638.4	5697	6304	3768.83	58.3	2	67446	38742.44	696.69	5699
6	Durg (204)	66424	37568.94	784	2315	2056	850.09	17.03	1	68480	38419.03	801.03	2316
7	Kabeerdham(52)	58391	31485.78	660.64	1403	2393	1009.5	18.9	82	60784	32495.28	679.55	1485
8	Rajnandgaon(112)	133749	79963.86	1488.53	12854	32389	10706	184.4	363	166138	90669.86	1672.94	13217
9	Bilaspur (182)	49326	5162.11	111.15	2422	8805	97.26	2.18	10	58131	5259.37	113.33	2432
10	Janjgir- Champa(112)	68406	6996.64	146.78	3025	2607	97.2	0.73	76	71013	7093.84	147.51	3101
11	Raigarh (115)	47372	27486.39	489.83	554	7639	585.54	12.28	60	55011	28071.93	502.11	614
12	Surguja (58)	20316	6941.09	90.17	973	13754	458.89	6.6	448	34070	7399.98	96.77	1421
13	Balrampur 36)	10999	3351.04	67.29	159	2051	106.39	1.6	114	13050	3457.43	68.89	273
14	Jashpur (58)	7662	4219.91	64.75	221	13968	1198	19.97	758	21630	5417.92	84.72	979
15	Koriya (49)	12223	2076.06	89.4	1194	1483	215.97	4	696	13706	2292.03	93.4	1890
16	Bastar (69)	13123	9426.56	172.32	4065	6063	1402.19	45.36	1990	19186	10828.75	217.68	6055
17	Bijapur (12)	5039	3860.94	77.1	18	795	300.84	6.01	141	5834	4161.78	83.11	159
18	Dantewada(27)	1721	1870.99	37.03	66	2442	859.27	16.71	678	4163	2730.26	53.74	744
19	Kanker (54)	36157	26112.56	523.24	3763	7700	1872.16	38.54	534	43857	27984.72	561.78	4297
20	Kondagaon(35)	14839	8414.56	198.02	1324	2897	639.79	14.76	1389	17736	9051.35	212.78	2713
21	Narayanpur (9)	1878	907.92	18.26	48	281	124.72	2.44	114	2159	1032.64	20.69	162
22	Balod (67)	88335	45870.11	944.28	1264	4521	1391.91	27.75	148	92856	47262.02	972.03	1412
23	Bemetara (52)	86013	44814	933.66	843	5968	2328.78	46.42	27	91981	47142.78	980.07	870
24	Korba (88)	13752	1268.61	22.9	209	2097	297.24	5.93	132	15846	1565.86	28.23	341
25	Mungeli (34)	29379	4278.7	194.29	284	1536	79.2	1.59	64	30915	4357.9	195.87	348
26	Surajpur (54)	19194	9195.13	183.79	484	730	48.39	1.07	114	19925	9243.52	184.87	598
27	Sukma (13)	1594	1334.7	27.01	84	851	222.47	4.29	404	2445	1557.17	31.3	488
Total		1096234	510025.4	10236.47	57536	148395	35877.95	675.38	8679	1244627	545900.4	10911.25	66215
Kharif (2016)		1255516				148668				1404184	696185	13315.41	

**STATUS NOTE ON CROPS SITUATION IN THE WAKE OF DEFICIENT/ERRATIC
RAINFALL IN THE STATE OF C.G.**

Reference Letter No. 8-7/2016-CU-I dated the 30th August, 2017 on the subject.

2. The onset of Monsoon was on 12-06-2017 instead of 10th June. After 25th July there has been a long dry spell up till 24th August, 2017. As on 1st September, the average rainfall has been 823.6 mm (Normal of the period-882.6mm), 59 mm less.
3. Of the 27 districts, 11 received 61-80%, 12 district with normal rainfall at 81-119% and 04 districts received >120% rainfall of their normal.
4. The 32 Tahsils are affected with deficient rainfall (06 Tahsils-0-50%; 07 Tahsil-51-60% and 19 Tahsils- for under 61-70% rainfall category.

5. AVERAGE RAINFALL BETWEEN JUNE-OCTOBER (2014 TO 2017)

Year	June	July	August	September	October	Total	Average rainfall %
Normal Rainfall (mm)	187.5	377.6	348.3	219.3	56.7	1188.5	
2014	96.1	442.8	312.5	256.5	74.8	1182.7	99
2015	256.0	261.3	286.4	201.2	4.0	1008.9	85
2016	153.8	371.2	361.5	297.8	72.3	1256.6	106
2017 (01.09-2017)	182.2	356.9	284.5	-	-	823.6	-

6. KHARIF SOWING STATUS (AS ON 28-08-2017)

Year Coverage (000 ha.)	Cereals	Pulses	Oilseeds
2016	4018	341	289
2017	3935	319	312

7. SEED DISTRIBUTION (KHARIF)

(Qty-qtls)

Year	Paddy	Maize	Arhar	Soybean	Other	Total
2016	1005607	14006	5245	43267	7892	1076017
2017	702041	19659	4902	39243	6718	772563

8. MACHINERY/EQUIPMENT DISTRIBUTION

Year	SelfPropelled(Power tiler/Reaper/ Paddy Transplanter)	Power driven(Seed drill/Rotavator/Plough/ Thrasher/Cultivator)	Hand operated (Bullockdrawn/ Weeder/Maize Sheller/ Plough/Seed drill)
2016	970	814	8063
2017 (Target)	1750	4177	11000
2017 (Acht.)	-	-	-

9. CROP SCENARIO

- i) The rain fed paddy under DSR was germinated but suffered due to moisture stress with a long dry spell. of more than 20 days. The tillering phase was highly affected with only 2-3 tillers, instead of 8-10, was noticed. The weeds proliferated in the weeding operation was hampered.
- ii) Under irrigated paddy, the nursery was on time but transplanting could not be done in about 60-70% area due to deficient rains.
- iii) The Soybean, Arhar, Till, Moong/Urd etc., however, are in good condition.
- iv) The affected 40 tahsils are likely to yield up to 25% of their earlier normal paddy yield. However the irrigated paddy in Ambikapur and Baster divisions, including command areas are quite satisfactory.

10. STATUS OF CROP CONTINGENT PLAN

The crops contingent plan of the state is ready. The districts have also been asked to submit their input requirements for Rabi.

11. The undersigned took a meeting with the Mission Director/Stake holders on 04-09-2017 in Raipur. Following points were noticed:-

- i) Rs. 23 Crore under BGREI Asset building (Machineries/equipments) + Rs. 10 Crore under NFSM (Sprinkler/machineries) + Rs. 53.97 Crore under PMKSY (MIS) + Rs. 0.96 Crore under NMOOP (Machineries) + Rs. 2.33 Crore NMOOP (Pending liabilities -2016-17) + Rs. 1.10 Crore under RKVY (RPS- reclamation of problematic Soils) pending liabilities -2016-17 are likely to remain unspent up till September, 2017.
- ii) The delayed/held-up expenditure is on account of poor functioning of CHAMPS (Chhattisgarh Agriculture Mechanization and Micro Irrigation Monitoring Process System), a Nodal agency to implement RCT/MIS components in the states.

12. SUGGESTION

To expedite quick expenditure of Central Development funds following suggestions are offered:

- a) A D.O. Letter from the Joint Secretary (Crops) may be written to the ACS/APC, Govt. of C.G. for permitting the DDAs to implement RCT/ASSET building/MIS components of BGREI/NFSM/NMOOP/ PMKSY, parallel to CHAMPS on first come ó first serve basis till the CHAMPS is fully functional/start working smoothly.
- b) The DAC & FW, may sanction Rs. 2.33 Crore towards NMOOP pending liabilities -2016-17 in Rs. 1.16 Crore towards RKVY-RPS pending liabilities -2016-17 (Copy in close)