

NATIONAL FOOD



**Kharif 2019
CHHATTISGARH**



सत्यमेव जयते

GOVERNMENT OF INDIA

MINISTRY OF AGRICULTURE & FARMERS WELFARE

(DEPARTMENT OF AGRICULTURE, COOPERATION & FARMERS WELFARE)

DIRECTORATE OF PULSES DEVELOPMENT

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ABBREVIATIONS

1. AICRP-All India Coordinated Research Project
2. APEDA-Agricultural and Processed food products Export Development Authority
3. APMC-Agriculture Produce Market Committee
4. CDDs- Crop Development Directorates
5. CSBD-Cropping System Based Demonstration
6. CSS- Central Sponsored Schemes
7. DES- Directorate of Economics and Statistics
8. DFSMEC-District Food Security Mission Executive Committee
9. DSR-Direct Seeded Rice
10. FLD-Front Line Demonstration
11. GPS-Global Positioning System
12. HYV-High Yielding Varieties
13. ICAR-Indian Council of Agricultural Research
14. IPM-Integrated Pest Management
15. KVK- KrishiVigyan Kendra
16. MIDH-Mission for Integrated Development of Horticulture
17. MIS- Micro Irrigation System
18. MSP- Minimum Support Price
19. NAFED-National Agricultural Cooperative Marketing Federation of India Ltd.
20. NCIP-National Crop Insurance Programme
21. NDC-National Development Council
22. NGO- Non Governmental Organization
23. NFSM-National Food Security Mission
24. NFSMEC-National Food Security Mission Executive Committee
25. NLMT-National Level Monitoring Team
26. NMAET - National Mission on Agricultural Extension & Technology
27. NMOOP –National Mission on Oilseeds &Oilpalm
28. NMSA- National Mission for Sustainable Agriculture
29. NRM- Natural Resource Management
30. NSC- National Seed Cooperation
31. PMKSY-Pradhan Mantri Krishi Sichai Yojna
32. PROM-Phosphate Rich Organic Manure
33. RCT-Resource Conservation Technology
34. SAY- State Average Yield
35. NAY- National Average Yield
36. SAUs-State Agriculture University
37. SDA- State Department of Agriculture
38. SFSMEC-State Food Security Mission Executive Committee
39. SRI- System of Rice Intensification

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, BGREI, NMSA, RKVY, PKVY, PMKSY, NMAET (SMAM, SMSP & Extension Reforms/ATMA), NHM, PMFBY, SHC, e-NAM etc. During 2018-19 the major interventions are through NFSM and RKVY. To effectively monitor implementation at the field level, the Ministry has constituted a National Level Monitoring Team (NLMT) under the National Food Security Mission (*NFSM-Rice, Wheat, Pulses, Coarse Cereals, Nutri-cereals and Commercial Crops*). The NLMT comprises of the Director, Crops Development Directorates (Directorate of Pulses Development), State Mission Director (NFSM), Principal Scientists ICAR/SAUs and 02 Joint Director, Govt. of C.G. as Nodal Officer.

The Terms of Reference of Central Team suggests mandatory monitoring once in each crop season; to conduct in-depth inspection of the executed activities in consonance to Mission's mandate and approved action plan, Local Initiatives; quantitative and qualitative achievements and impact of the Transfer of Technology (ToT) delivery mechanism in totality taking all CSS/CS/State plan schemes in a district into consideration and providing observations and suggestions/recommendations for further necessary corrections (ATR) at the level of State Govt./State Stake-holders for better implementation of the Mission and desired mandated outcome.

The Team visited the state of Chhattisgarh from August 28th to 31st 2019 in 04 districts of the Chhattisgarh (Sarguja/Balrampur/Surajpur/Korea interacted with peoples representative District Agriculture Officers, Janpad Panchayat Adhyaksh, FPOs proprietor, progressing farmers and KVKs. The Team also interacted with the farmers individually in the field and by organizing/participating in *Kisan Gosthies*.

The Wrap-up meeting with Deputy Directors and Joint Director Agriculture of Ambikapur 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 and beyond five year plan (2018-19).

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.

**Bhopal (M.P.)
2019**

**(A.K.Tiwari)
Director**

SUMMARY OF ALL SCHEMES IN CG

1. Crop Coverage

- ❖ CG Kharif coverage is 48.37 Lha which is equal to last year coverage and 3.84 Lha higher over the normal area of 44.53 Lha.
- ❖ The Production Target during 2019-20 in Total Pulses is 8.99 Lakh tonnes (Kharif-1.81 + Rabi- 7.18); in Total Cereals is 97.55 Lakh tonnes (Paddy- 83.31 LT +Wheat-3.26 LT+ Maize- 7.31 LT+ Coarse Cereals – 0.46 LT); Total Oilseeds is 4.04 Lakh Tonnes (Kharif -2.53 LT +Rabi-1.51 LT) and Sugarcane- 1.62 Lakh Tonnes.

2. NFSM : District Covered

- ❖ **NFSM-Rice** (13Districts): Baloda Bazar, Bijapur, Bilaspur, Dantewada, Jashpur, Sukma
Kawardha, Korba, Koriya, Mungeli, Raigarh, Raipur, Rajnandgaon.
- ❖ **NFSM-Pulses & Addl. Pulses** (27 Districts) : All the 27 districts of the state.
- ❖ **NFSM-Coarse Cereals**
 - i) Maize (08 Districts): Balrampur, Jagdalpur, Gariyaband, Kanker, Kondagaon, Koriya, Sarguja and Surajpur.
 - ii) Nutri-Cereals (10 Districts): Balrampur, Jagdalpur, Dantewada, Kawardha, Kanker, Kondagaon, Koriya, Rajnandgaon, Sarguja and Sukma.
- ❖ **NFSM- Oilseeds**
 - i) MM I – Oilseeds (27 Districts) - All the 27 districts of the state.
 - ii) MM II- Oilpalm (11 Districts)-Balod,Janjgir, Korba, Mahasamund, Dantewada, Jagdalpur, Kanker, Raigarh, Bilaspur, Sukma, Durg.
 - iii) MM III - TBOs (03 Districts) - Jagdalpur, Sarguja, Koriya.
- ❖ **NFSM TRFA – Pulses & Oilseeds (09 Districts)** - Gariyaband, Raigarh, Rajnandgaon, Kanker, Kondagaon, Sarguja, Bilaspur, Baloda Bazar, Jagdalpur.
- ❖ **RKVY- BGREI (14 Districts)** - Gariyaband, Mahasamund, Dhamtari, Durg, Balod, Bemetera, Janjgir, Sarguja, Surajpur, Balrampur, Kanker, Narayanpur, Jagdalpur, Kondagaon.
- ❖ **RKVY (27 Districts)** - All the 27 districts of the state.
- ❖ **National Horticulture Mission (19 Districts)**– Balod, Balodabazar, Balrampur, Bemetera, Bilaspur, Durg, Korea, Gariyaband, Jagdalpur, Jashpur, Kawardha, Surajpur, Kondagaon, Koraba, Mungeli, Raigarh, Raipur, Rajnandgaon, Surguja.
- ❖ **Seed-hub Pulses (07 Districts)** - AICRP-Bhatapara, KVK- Bhatapara, Ambikapur, Rajnandgaon, Kawardha, Kanker, Janjgir-Champa
- ❖ **Seed-hub Oilseed (01 District)** - KVK-Bemetera
- ❖ **Seed-hub Millet (01 District)** - AICRP Millets –Jagdalpur (ZARS)
- ❖ **EBSP-Millet (01)** - IGKV-Raipur

3. Budget Allocation

i) CS/CSS Schemes:

- ❖ Financial Allocation for all the CS/CSS during 2019-20 for CG state is Rs. 710.46 Cr. (Central- Rs. 426.28 + State Rs. 284.18 Cr.).
- ❖ **NFSM (Rice/Pulses/Coarse Cereals/Nutri-Cereals):** Total allocation is Rs. 125.98 Cr. (GoI - Rs.75.59 Cr. + State Rs. 50.39 Cr.). Total available funds are Rs. 51.58 Cr. (Release Rs. 10.17 Cr. + Revalidation amount is Rs. 41.41 Cr.) as on Nov., 2019.
- ❖ **NFSM – (OS, OP & TBOs):** Total allocation is Rs. 5.58 Cr. (GoI - Rs.3.35 Cr. + State Rs. 2.23 Cr.). Total available funds are Rs.0.19 Cr. (Revalidation of NFSM- Oilseed (MM-1) - Rs. 0.19 Cr.) as on Oct., 2019 Monthly Progress Report.
- ❖ **NFSM-TRFA** is operational in 09 districts (incl. visited district Sarguja) with the target to cover 38,200 ha area (Pulses-30100 ha+ 8100 ha) during 2019-20. Total allocation is Rs. 57.50 Cr. (Pulses - Rs. 50.00 Cr. + Oilseed Rs. 7.50 Cr.); available funds are Rs. 30.00 Cr. (Central Release under TRFA Pulses - Rs. 30.00 Cr.).
- ❖ **RKVY-BGREI** is operational in 14 districts (incl. visited districts of Balrampur, Sarguja & Surajpur). For 2019-20 total allocation is Rs. 98.68 Cr. (Rice - Rs. 78.95 Cr. + Wheat Rs. 19.73 Cr.). Available funds are Rs. 33.61 Cr. (Release Rs. 6.68 Cr. + Revalidation Rs. 26.93 Cr.).
- ❖ **RKVY-RAFTAR:** Total allocation is Rs. 68.13 Cr. (Central- Rs. 40.88 Cr. + State- Rs. 27.25 Cr.); available funds are Rs. 15.09 Cr. (Revalidation Rs. 15.09 Cr.).
- ❖ **RKVY (RPS):** Total allocation is Rs. 0.33 Cr. (Central- Rs. 0.20 Cr. + State- Rs. 0.13 Cr.); available funds are Rs. 0.73 Cr. (Revalidation Rs.0.73 Cr.).
- ❖ **NMAET (SMSP):** Total allocation is Rs. 12.40 Cr. (Central- Rs. 7.44 Cr. + State- Rs. 4.96 Cr.); available funds are Rs. 5.34 Cr. (Revalidation Rs.5.34 Cr.).
- ❖ **NMSA (RAD):** Total allocation is Rs. 13.16 Cr. (Central- Rs. 7.90 Cr. + State- Rs. 5.26 Cr.); available funds are Rs. 8.56 Cr. (Revalidation Rs.8.56 Cr.).
- ❖ **NMAET (SMAE):** Total allocation is Rs. 57.00 Cr. (Central- Rs. 34.20 Cr. + State- Rs. 22.80 Cr.); available funds are Rs. 23.46 Cr. (Release Rs. 15.80 Cr. + Revalidation Rs.7.66 Cr.).
- ❖ **SHM:** Total allocation is Rs. 12.04 Cr. (Central- Rs. 7.22 Cr. + State- Rs. 4.82 Cr.); available funds are Rs. 8.18 Cr. (Revalidation Rs.8.18 Cr.).
- ❖ **PKVY:** Total allocation is Rs. 33.66 Cr. (Central- Rs. 20.20 Cr. + State- Rs. 13.46 Cr.); available funds are Rs. 18.87 Cr. (Release Rs. 2.04 Cr. + Revalidation Rs.16.83 Cr.).
- ❖ **PMKSY:** Total allocation is Rs. 51.67 Cr. (Central- Rs. 31.00 Cr. + State- Rs. 20.67 Cr.); available funds are Rs. 12.83 Cr. (Revalidation Rs.12.83 Cr.).

- ❖ Apart from the central sponsored Schemes, the state govt. also operate different schemes in agriculture like **Krishak Samagra Vikas Yojana, Jaivik Kheti Mission, Plant Protection Scheme, Commercial crops Scheme, Sakambhari Yojana, Micro- irrigation Scheme** etc.

4. Seed Minikit Distribution : 2019-20

Kharif 2019-20 - Total seed minikit allocation is 26500 Nos. in Pulses (Urdbean- var.-Pratap Urd-1 & Mash 479 (KUG 479).

- ❖ **Rabi 2019-20** - Total seed minikit allocation is 65000 Nos. in Oilseeds (Mustard var., Giriraj-35000; PM 30- 30000).

- ❖ **Summer 2019** -Total seed minikit allocation is 20000 Nos. in Pulses (Mungbena var. IPM 205-7; IPM 410-3).

NATIONAL LEVEL MONITORING TEAM REPORT (RABI-2018-19) TO REVIEW THE IMPLEMENTATION OF NATIONAL FOOD SECURITY MISSION

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 food grains production was 259.29 million tonnes, a hike of 42 MT additional 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 The Mission met with an overwhelming success and achieved the targeted additional production of rice, wheat and pulses. The Mission continued during 12th Five Year Plan with new targets of additional production of food grains of 25 million tonnes of food grains *i.e.* from 259.29 MT to 284.29 MT 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 XIIth Plan (2016-17). During 2016-17 the final estimate records a total food grains production of 275.11 MT comprising Wheat (98.51 MT) Rice (109.70 MT), Pulses (23.13 MT) and Coarse Cereals (43.77MT). An Additional increase of 3.63, 4.40, 6.04 and 1.76 million tonnes under rice, wheat, pulses and coarse-cereals respectively was recorded. Increase in per hectare yield of pulses was 87 kg (699 kg to 786 kg/ha) while increase in wheat by 23 kg (3177 kg to 3200 kg/ha) and rice was 101 kg/ha (2393 kg to 2494 kg/ha).
- 1.3 Performance of 12th Plan, it has been decided to continue the programme beyond 12th plan *i.e.* 2017-18 to 2019-20, which is co-terminus with Fourteenth Finance Commission (FFC) period with new targets to achieve 13 million tonnes of additional foodgrains production comprising of Rice - 5 million tonnes, Wheat- 3 million tonnes, Pulses- 3 million tonnes and Coarse Cereals- 2 million tonnes by 2019-20.
- 1.4 The National Food Security Mission (NFSM), during the 12th Five Year Plan, had five components (i) NFSM-Rice; (ii) NFSM-Wheat; (iii) NFSM-Pulses; (iv) NFSM-Coarse Cereals; (v) NFSM-Commercial Crops. During 2017-18, the programme was implemented with components/interventions/cost norms/pattern of assistance of 12th plan. On the basis of EFC recommendations which was held on 29.11.2017, from the years 2018-19 and 2019-20, NMOOP and Seed Village Programme are now a part of NFSM and thus NFSM will have eight components viz. (i) NFSM- Rice; (ii) NFSM-Wheat; (iii) NFSM-Pulses; (iv) NFSM-

Coarse Cereals (Maize, Barley), (v) NFSM-Sub Mission on Nutri-Cereals; (vi) NFSM-Commercial Crops; (vii) NFSM-Oilseeds and Oilpalm; and (viii) NFSM-Seed Village Programme. These Operational Guidelines are for NFSM-Foodgrains, Commercial Crops, Oilseeds and Oilpalm, Seed Village Programme and Sub Mission on Nutri -cereals.

- 1.4.1 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 2016-17, the revamped NFSM under State Plan Scheme–Krishi Unnati Yojana (State Plan) with interim sharing pattern of 60:40 between Centre and State is under implementation in 29 states.
- 1.4.2 A total Share of Rs. 2772.81 Cr. (incl. commercial crops) with a central share- Rs.1755.79 and state share-Rs. 1017.01 crores has been approved during 2019-20. For pulses Rs. 1743.10 Cr. (central–1080.87 + state – 662.23 Cr); for rice Rs. 412.53 Cr (central–283.54 + state–128.99 Cr.); for wheat Rs. 210.66 Cr (central–131.73 + state –78.93 Cr.), coarse cereals 120.06 Cr. (central–81.65 + state– 38.41 Cr), sugarcane Rs. 10.33 Cr. (central- 6.20 + state-4.13 Cr.), cotton Rs. 11.91 (central-7.24 + state- 4.67 Cr.), and NFSM-Jute/Mesta Rs. 12.24 Cr. (central- 8.51 + state- 3.73 Cr); NFSM-Sub-mission on Nutri-cereals for Millets Rs. 251.98 Cr. (central - Rs. 156.07 Cr + state-Rs. 95.91 Cr.).
- 1.4.3 The total NFSM allocation during 2019-20 for Chhattisgarh is 125.98 Cr. with a central share of Rs. 75.59 and state’s share of Rs. 50.39 Cr. For NFSM-Pulses the total share is Rs. 64.17 Cr. (Central Rs. 38.50 + State- Rs. 25.67 Cr.); for NFSM- Rice Rs. 43.32 Cr. (Central- Rs. 25.99 + State- Rs. 17.33 Cr.), for NFSM-Coarse Cereals Rs. 3.62 Cr. (Central- Rs. 2.17 + State’s- Rs. 1.45 Cr.), NFSM-Sub-mission on Nutri-cereals for Millets Rs. 14.88 Cr (central - Rs. 8.93 Cr + state-Rs. 5.95 Cr.).
- 1.4.4 To achieve the above objectives, the Mission would adopt following strategies: i) Focus on low productivity and high potential districts including cultivation of food grain crops in rain fed areas; ii) Focus on pulse production through utilization of rice fallow, rice bunds and intercropping of pulses with coarse cereals, oilseeds and commercial crops; iii) Implementation of cropping system centric interventions in a Mission mode approach through active engagement of all the stakeholders at various levels; iv) 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, irrigation machineries/MIS, trainings and undertaking local initiatives to the tune of 9% of total budgetary allocation for crop productivity enhancement; Promotion and extension of improved technologies *i.e.*, seed, integrated nutrient management (INM) including micronutrients, soil amendments, integrated pest management (IPM), input use efficiency and resource conservation technologies along with capacity building of the farmers/extension functionaries.

- 1.4.5 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).
- 1.4.6 To ensure equity, of the total budgetary allocation to a district proportionate expenditure under Special Component Plan (SCP) for SCs, Tribal Sub Plan (TSP), SMF and Women farmers at 16%, 8%, 33% and 30% respectively is mandatory.
- 1.4.7 Strengthening of infrastructure at ICAR/SAUs/ATARI/KVKs by *Breeder Seed Production Programme, Seed hubs, Establishment/Strengthening of Bio-fertilizer & Bio-control production units & Cluster Front Line Demonstrations.*

2. Area of Operation: 2019-20

Commodities	All India		Chhattisgarh	
	No. of States	No. of District	(No. of districts)	(Name of districts)
NFSM-Pulse (All Districts)	29	638	27	All Districts
NFSM- RICE <ul style="list-style-type: none"> • General state- (A >50000 ha; Y < state's avg.). • Hill States (HP, J&K and UK) (A > 15000 ha). • NE states (except Assam) (A - with atleast 5000 ha) 	25	206	13	Balod Bazar, Koriya, Bijapur, Mungeli, Bilaspur, Raigarh, Dantewara (South Bastar), Raipur, Korba Jashpur, Rajnandgaon, Kawardha, (Kawardha), Sukma
NFSM- Coarse Cereals				
Maize	27	271	08	Jagdalpur, Balrampur, kondagaon, Sarguja, Kanker, Korla, Surajpur, Gariyaband
Other Millets (Kodo, Foxtail Millet, Little Millet, Barnyard Millet, Small millet, etc (districts covering 70% of total state's area)	14	202	10	Balrampur, Bastar (Jagdalpur), Dantewada (South Bastar), Kawardha (Kawardha), Kanker (North Bastar), Koriya, Kondagaon, Sarguja, Rajnandgaon, Sukma

3. The percentage allocation of funds for different interventions is given below. *In case of Coarse Cereals (Maize & Barley), 70% of allocation has to be earmarked for demonstration and 30% for seed distribution.*

S. No.	Intervention	% Allocation for Rice and Wheat	% Allocation for Pulses	% Allocation for Nutri-Cereals
1	Block/Cluster Demonstration	40	30	30
2	Seed Distribution (HYVs/Hybrids)	20	15	15
3	Seed Production (HYVs/Hybrids)	-	15	15
4	INM & IPM	15	15	15
5	Flexi interventions incl. Farm Machineries, Water saving devices, demonstrations by NGOs, CHCs, Capacity Building /Training, Local Initiatives etc.	25	25	25
	Total	100	100	100

4. Monitoring Mechanism /Mission Structure

(As per Modification on 19th June, 2019)

Monitoring	Body	Composition	Review Meeting/ Visit
National Level	i) General Council (GC)	<ul style="list-style-type: none"> • Minister of Agri. & FW- Chairman <u>Members</u> • Secretary - (AC & FW) - (DARE) & DG (ICAR) - Deptt. of Expend. & Min. of Finance - Deptt. of Food & Public Distribution - MoPR/MoTA/Deptt. of Social Justice & Empowerment)/MoW&CD. • Addl.Secretary&Fin.Advisor, DAC&FW. • Adviser (Agriculture) - NITI AYOOG. • Agri. Commissioner, DAC&FW. • JS, Environ, Forest & Climate Change. • <i>JS (Crops) & Mission Director – NFSM Member Secretary</i> 	Twice a year
	ii) NFSM- Executive Committee (NFSMEC)	<ul style="list-style-type: none"> • Secretary (AC & FW) - Chairman <u>Members</u> • Secretary (DARE) & DG (ICAR) • Secretary - MoWR/Deptt. of Fertilizer/ Deptt. of Food & Public Distribution/ MoPR/MoTA/Deptt. of Social Justice 	Quarterly

Monitoring	Body	Composition	Review Meeting/ Visit
		& Empowerment)/MoW&CD. • Addl. Secretary & Financial Advisor, DAC&FW • Agri. Commissioner, DAC&FW. • Joint Secretary (Oilseeds). • Adviser (Agriculture) - NITI AYOOG. • ADG (Oilseeds), ICAR. • Five Experts on Crop Matters • <i>JS (Crops) & Mission Director – NFSM</i> <i>Member Secretary</i>	
	iii) National Level Monitoring Team (NLMT)	• Director CDDs- Co-ordinator • Scientist SAUs/JDA –Member	Twice a year (Kharif + Rabi)
State Level	State Food Security Mission Executive Committee (SFSMEC) Monitoring Committee	• Chief Secretary – Chairman <u>Members</u> • Agri. Production Commissioner • Secretary – Agri./ Irrigation/ Power / PR/ TA/ Social Welfare Deptt./ FPD. • Vice Chancellor of SAUs • Director Agriculture • Director/Project Director, ICAR Insti. • Representative of NABARD & Lead Bank • <i>State Mission Director</i> <i>Member Secretary</i> • DPD/CDD Govt. of India	Twice a year (Kharif + Rabi)
District Level	District Food Security Mission Executive Committee(DFSMEC)	• District Collector/CEO - Chairman of Zilla Parishad <u>Members</u> • Representative from Line Departments/ SHGs/NGOs/KVKs/ICAR/SAUs/Lead Bank & NABARD . • Project Director ATMA • <i>DDA/DAO/DHO</i> <i>Member Secretary</i>	Quarterly

5. NLMT- Composition

Name	Organization
Dr. A. K. Tiwari, Director Team Leader	Government of India, Directorate of Pulses Development Deptt. of Agriculture, Cooperation & FW (Min. of Agri. & Farmer's Welfare) Vindhyachal Bhavan, Bhopal, (M.P.) M. No. 09425010489 (Email-dpd.mp@nic.in)
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Dr. Sanjay Sharma, Pr. Scientist, (Entomology) Member	Deptt. of Entomology, College of Agriculture, IGKVV, Raipur M. No. 094242-24206 (E-mail- sanjayigkv@yahoo.in)
Sh. R. K. Chandrawanisi Joint Director (Agri.) Member	Joint Director & State Nodal, BGREI, Govt. of Chhattisgarh, Directorate of Agriculture, Labhandi, Raipur (CG) (E-mail- diagricg.cg@gov.in)
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6. State Profile

Particulars	Status
Population (Crore)	2.56 (Male- 1.29, Female-1.28)
Population Growth (%)	22.61 – 2011
Forest Village	74
Revenue Districts(Nos.)	27
Block/ Janpad Panchayat (Nos.)	146
Village Panchayat (Nos.)	10971
Tehsil (Nos.)	150
Total Village (Nos.)	20273
Krishi Upaj Mandi(Nos.)	73
Annual Rainfall (Ave.)	1226.5 mm

Particulars		Status	
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%)	<i>Kharif</i> Area	47.75
Permanent pastures	5.25 (3.80%)	<i>Rabi</i> 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	14.67	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)		(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 (08); Nutri-Cereals (10)PMT District- 27		
	Mini Mission I- (Oilseeds), Mini Mission III- (TBOs)		
TRFA	Districts(09)- Gariyaband, Raigarh, Rajnandgaon, Kanker, Kondagaon, Sarguja, Bilaspur, Baloda Bazar, Jagdalpur		
RKVY	Districts (27)		

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

7. Visited District Profile

Particulars	Ambikapur	Surajpur	Balrampur	Korea
Population (Lakh)	23.60	7.89	7.30	6.58
Geographical Area (000 ha)	501.980	499.826	601.634	597.770
Net Sown Area (000 ha)	154.59	155.62	156.28	98.00
Double Cropped Area (000 ha)	28.12	22.16	23.43	11.59
Gross Cropped Area (000 ha)	182.71	177.78	179.71	109.59
Cropping Intensity (%)	118%	114%	114%	111%
Average Rainfall (mm)	949	859	880	882
Source-wise Irrigated Area (000 ha)				
Tube well	10.9	0.53	0.3	1.4
Canal	8.1	1.61	2.4	10.9
Tank	12.2	0.38	0.9	2.0

Particulars	Ambikapur	Surajpur	Balrampur	Korea
Wells	8.4	2.02	3.1	3.5
Total Irrigated Area	39.6	4.54	6.7	17.8

8. Area, Production & Productivity Target : 2019-20

A. Kharif

(Area- Lakh ha, Prod.-Lakh tones, Productivity-kg/ha)

Crop Name	Area	Production	Productivity
Paddy	36.70	83.31	2270
Maize	2.29	5.03	2200
Kodo-Kutki	0.82	0.41	500
Total Cereals	39.80	88.75	2230
Pigeonpea	1.50	0.90	600
Mungbean	0.30	0.15	500
Urdbean	1.70	0.60	350
Kulthi	0.40	0.16	400
Total Pulses	3.90	1.81	463
Groundnut	0.65	0.91	1400
Sesame	0.40	0.16	400
soybean	1.20	1.32	1100
Niger	0.70	0.14	200
Sunflower	0.01	0.004	554
Total Oilseeds	2.96	2.53	857
Grand Total	46.66	93.09	1995

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

B. Rabi

(Area- Lakh ha, Prod.-Lakh tones, Productivity-kg/ha)

Crop Name	Area	Production	Productivity
Wheat	1.92	3.26	1700
Maize	0.90	2.28	2535
Summer Paddy	1.00	3.20	3200
Coarse Cereals	0.08	0.06	700
Total Cereals	3.90	8.80	2257
Gram	4.30	4.52	1050
Fieldpea	0.60	0.27	455
Lentil	0.35	0.13	370
Mungbean	0.35	0.14	395
Urdbean	0.25	0.08	310
Kulthi	0.30	0.10	325
Lathyrus	3.00	1.95	650
Total Pulses	9.15	7.18	785
Rapeseed & Mustard	1.75	0.79	450
Linseed	0.60	0.18	300
Safflower	0.05	0.02	450
Sunflower	0.15	0.09	600
Sesame	0.10	0.04	400
Groundnut	0.35	0.39	1100
Total Oilseeds	3.00	1.51	502
Sugarcane	0.45	1.62	3600
Grand Total	16.50	19.11	1158

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

9. Crop Coverage (Kharif & Rabi) : 2018-19

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

S. No.	Crop	Season	Area	Production		Yield	% Achiev. in production
				Target	Achievement		
Cereals							
1	Paddy	Kharif	36.06	66.00	65.27	1810	99
2	Wheat	Rabi	1.04	1.50	1.42	1373	95
3	Jowar	Kharif	0.03	0.05	0.03	986	68
4	Bajra	Kharif	0.001		0.0003	449	
5	Maize	Kharif	1.18	3.00	2.96	2503	99
6	Ragi	Kharif	0.08		0.02	214	
7	Small Millets	Kharif	0.86	0.30	0.29	332	95
8	Barley	Rabi	0.02	0.04	0.01	792	37
Total Cereals		Kharif	38.22	69.35	68.57	1794	99
		Rabi	1.06	1.54	1.44	1363	93
		Total	39.27	70.89	70.01	1783	99
Pulses							
1	Tur	Kharif	0.68	0.53	0.32	480	61
2	Gram	Rabi	3.22	2.50	3.30	1026	132
3	Urdbean	Kharif	0.84	0.29	0.28	331	96
		Rabi	0.05	0.01	0.01	293	147
		Total	0.89	0.30	0.29	329	98
4	Mungbean	Kharif	0.09	0.06	0.04	487	69
		Rabi	0.05	0.06	0.02	337	28
		Total	0.14	0.12	0.06	432	49
5	Lentil	Rabi	0.14		0.05	364	
6	Other Pulses	Kharif	0.40	0.16	0.15	382	95
7	Other Pulses	Rabi	1.98	2.15	1.19	601	55
Total Pulses		Kharif	2.00	1.04	0.80	398	77
		Rabi	5.43	4.72	4.57	841	97
		Total	7.43	5.76	5.37	722	93
Oilseeds							
1	Groundnut	Kharif	0.30	0.48	0.40	1338	84
2	Sesamum	Kharif	0.21	0.10	0.07	346	72
3	Nigerseed	Kharif	0.56	0.16	0.11	192	67
4	Soybean	Kharif	0.93	1.25	0.65	699	52
6	Sunflower	Kharif	0.0006		0.0004	628	
		Rabi	0.0008		0.0004	500	
		Total	0.001		0.001	555	
7	Rapeseed & Mustard	Rabi	0.42	0.51	0.18	419	35
8	Linseed	Rabi	0.18	0.14	0.05	260	33
9	Safflower	Rabi	0.003		0.00	406	
Total Oilseeds		Kharif	2.00	1.99	1.24	617	62
		Rabi	0.60	0.65	0.22	372	34
		Total	2.60	2.64	1.46	561	55
Commercial Crops							
D.	Sugarcane		0.33		14.52	44340	
E.	Mesta*		0.02		0.04	361	

Source: DES, GoI, Ministry of Agri. & FW (DAC&FW) 11th Advance Estimate-2019-20

Mesta* Productivity - Thousand Bales of 180 kgs each.

10. MAJOR CROP: XIIth PLAN & POST FIVE YEAR PLAN ANALYSIS

The comparative analysis of the area, production and yield during 2013-14 to 2017-18 (Normal) and beyond the Normal in year 2018-19 (Table 10.1) shows an increasing trend in area (Bajra, Ragi, Arhar, Groundnut and Sesame) in production (Paddy, Maize, Ragi, Small Millets, Mung, G.nut, Sesame) and in productivity (Paddy, Jowar, Maize, Small Millets, Urd, Mung, Soybean and Niger) in CG State. *Crop diversion from Pulses (except Arhar) and Oilseeds (except G.Nut & Sesame) to Cereals (Bajra, Ragi, Maize) is seen in CG state.*

10.1 KHARIF CROPS

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

S. No	Crops	State/ AI	Normal * (2013-14 to 2017-18)			Post five year Plan (2018-19) #			Increase/decrease over Normal*		
			A	P	Y	A	P	Y	A	P	Y
A. Cereals											
1	Paddy	CG	38.04	63.61	1673	36.06	65.27	1810	-5	3	8
		AI	439.03	1077.98	2455	437.91	1164.19	2659	-0.3	8	8
2	Jowar	CG	0.05	0.05	956	0.03	0.03	986	-28	-25	3
		AI	57.36	49.19	858	38.41	37.61	979	-33	-24	14
3	Bajra	CG	0.0004	0.0003	713	0.0006	0.0003	449	50	-6	-37
		AI	74.39	90.88	1222	69.31	86.12	1243	-7	-5	2
4	Maize	CG	1.20	2.59	2152	1.18	2.96	2503	-2	15	16
		AI	92.14	251.30	2727	91.83	272.27	2965	-0.3	8	9
5	Ragi	CG	0.06	0.01	241	0.08	0.02	214	25	11	-11
		AI	11.50	18.47	1606	9.17	12.22	1332	-20	-34	-17
6	Small millet	CG	1.01	0.23	226	0.86	0.29	332	-15	25	47
		AI	6.17	4.18	676	4.98	3.72	747	-19	-11	11
7	Kharif Coarse Cereals	CG	2.32	2.88	1238	2.16	3.30	1529	-7	15	23
		AI	241.57	414.02	1714	213.70	411.94	1928	-12	-1	12
Total Cereals		CG	40.36	66.49	1648	38.22	68.57	1794	-5	3	9
		AI	680.60	1492.01	2192	651.61	1576.13	2419	-4	6	10
B. Pulses											
1	Arhar	CG	0.58	0.34	577	0.68	0.32	480	16	-4	-17
		AI	43.00	35.41	824	47.76	35.88	751	11	1	-9
2	Urd	CG	0.94	0.30	315	0.84	0.28	331	-10	-6	5
		AI	30.77	17.22	560	39.86	25.55	641	30	48	15
3	Mung	CG	0.09	0.04	399	0.09	0.04	487	-7	13	22
		AI	27.50	11.80	429	38.99	18.39	472	42	56	10
4	Other Pulses	CG	0.47	0.16	346	0.40	0.15	382	-15	-6	10
		AI	18.63	7.87	422	17.07	6.10	357	-8	-22	-15
Total Pulses*		CG	2.08	0.83	399	2.00	0.80	398	-4	-4	-0.3
		AI	119.89	72.30	603	143.68	85.93	598	20	19	-1
*Total Pulses incl.(Kulthi, Mothbean & Other Pulses)											
C. Oilseed											
1	Soybean	CG	1.06	0.72	678	0.93	0.65	699	-12	-10	3
		AI	111.49	109.79	985	113.32	137.86	1217	2	26	24
2	G.Nut	CG	0.25	0.37	1507	0.30	0.40	1338	21	8	-11
		AI	50.19	81.13	1616	48.05	66.95	1393	-4	-17	-14
3	Sesamum/Til	CG	0.20	0.07	362	0.21	0.07	346	6	1	-4
		AI	17.25	7.79	452	15.97	7.55	473	-7	-3	5
4	Niger/ Ramtil	CG	0.62	0.11	179	0.56	0.11	192	-11	-4	8
		AI	2.51	0.81	321	1.94	0.65	334	-23	-20	4
5	Other Oilseed*	CG	0.003	0.002	471	0.0006	0.0004	628	-82	-76	33
		AI	11.60	17.76	1532	8.72	13.08	1501	-25	-26	-2
Total Oilseeds		CG	2.14	1.28	599	2.00	1.24	617	-6	-3	3
		AI	193.04	217.28	1126	188.01	226.09	1203	-2.6	4	7
Other Kharif Oilseeds include Castor and Sunflower											

Source: DES, GoI, Normal*(2013-14 to 2017-18); 2018-19# - IVth Advance Estimate.

10.2 RABI CROPS

The comparative analysis of the area, production and yield during 2013-14 to 2017-18 (Normal) and beyond the Normal in year 2018-19 (Table 10.2) shows an increasing trend in area (Gram, Sugarcane, Mesta) in production and productivity (Wheat, Gram, Sugarcane and Mesta) in CG State.

Crop diversion from cereals and oilseed to pulses and commercial crops is seen in CG state.

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

S.N	Crops	State / AI	Normal * (2013-14 to 2017-18)			Post five year Plan 2017-18#			Increase/decrease over Normal*		
			A	P	Y	A	P	Y	A	P	Y
A	Cereals										
1	Wheat	CG	1.05	1.39	1328	1.04	1.42	1373	-1	2	3
		AI	305.58	946.09	3096	291.36	1021.90	3507	-5	8	13
2	Barley	CG	0.02	0.02	1052	0.02	0.01	792	-19	-39	-25
		AI	6.57	16.82	2558	6.08	17.52	2881	-8	4	13
Total Cereals		CG	1.07	1.42	1322	1.06	1.44	1363	-2	1	3
		AI	312.16	962.91	3085	297.44	1039.41	3495	-5	8	13
Coarse Cereals not included in Total Rabi Cereals											
B.	Pulses										
1	Urd	CG	0.07	0.02	243	0.05	0.01	293	-29	-14	20
		AI	8.61	6.64	771	8.83	7.02	794	3	6	3
2	Moong	CG	0.07	0.02	272	0.05	0.02	337	-31	-14	24
		AI	10.10	5.98	592	8.58	5.09	593	-15	-15	0.2
3	Gram	CG	2.97	2.81	945	3.22	3.30	1026	8	18	9
		AI	93.53	89.35	955	94.37	101.29	1073	1	13	12
4	Lentil	CG	0.16	0.06	389	0.14	0.05	364	-16	-22	-7
		AI	14.19	11.75	828	15.13	15.62	1032	7	33	25
5	Other Rabi Pulses	CG	3.17	2.35	741	1.98	1.19	601	-37	-49	-19
		AI	19.56	16.55	846	19.74	19.04	965	1	15	14
*Total Pulses		CG	6.44	5.26	816	5.43	4.57	841	-16	-13	3
		AI	146.00	130.26	892	146.64	148.05	1010	0.4	14	13
*Total Pulses include Pea, Lathyrus and other pulses											
C	Oilseeds										
1	Rapeseed /Mustard	CG	0.46	0.23	489	0.42	0.18	419	-9	-22	-14
		AI	60.48	74.61	1234	62.31	93.39	1499	3	25	22
2	Linseed	CG	0.28	0.10	343	0.18	0.05	260	-37	-52	-24
		AI	2.99	1.56	522	2.88	1.59	553	-3	2	6
3	Other Rabi Oilseeds	CG	0.01	0.002	311	0.004	0.001	427	-51	-32	37
		AI	4.33	3.05	704	1.77	1.50	846	-59	-51	20
Total Oilseeds		CG	0.75	0.32	433	0.60	0.22	372	-20	-31	-14
		AI	67.80	79.21	1168	66.96	96.48	1441	-1	22	23
Other Rabi Oilseeds include Safflower, Sunflower (- Rabi Groundnut)											
D.	Commercial Crops										
	Sugarcane	CG	0.21	4.29	19978	0.33	14.52	44340	52	238	122
		AI	48.32	3497.79	72388	51.14	4001.57	78248	6	14	8
	Mesta	CG	0.01	0.02	335	0.02	0.04	2006	55	67	498
		AI	0.62	5.34	1556	0.49	4.19	8470	-20	-22	444

Source: DES, GoI, Normal*(2013-14 to 2017-18); 2018-19# - IVth Advance Estimate.

10.3 SPRING/SUMMER CROP COVERAGE: 2019-20

(Unit-Lakh ha)

S. No.	Crop	2019-20 Target	Achievement		% Coverage over To	
			2018-19 (02.03.2019)	2017-18 (05.03.2018)	Target	Last Year
1	Paddy	0.56	1.95	0.64	248	205
2	Maize	0.55	0.36	0.23	-35	57
	Total Cereal	1.11	2.31	0.87	108	166
3	Moong	0.15	0.08	0.12	-47	-33
4	Urd	0.11	0.08	0.10	-27	-20
	Total Pulses	0.26	0.16	0.22	-38	-27
5	Sunflower	0.12	0.06	0.100	-50	-40
6	Groundnut	0.22	0.12	0.200	-45	-40
	Total Oilseeds	0.34	0.18	0.30	-47	-40
	Total	1.71	2.65	1.39	55	91

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

11. Crop Development Schemes/Programmes in Chhattisgarh

11.1 NFSM : Allocation & Expenditure (2018-19)

(31 st March, 2019)							(Rs. In Lakh)	
S. No	Name of Crop/ Scheme	Revalidate (2017-18)	Allocation	Release	Available Amount	Expenditure	Unspent Balance as on 31.04.2019	% Achiev.
1	Paddy	2419.41	5502.50	1122.47	3541.88	2964.30	577.58	84
2	Pulses	1774.24	6636.67	2277.88	4052.12	3350.88	701.24	83
3	Addl. Pulses	0.00	2750.00	2750.00	2750.00	1855.17	894.83	67
4	Coarse Cereals	140.57	410.89	179.08	319.65	304.69	14.96	95
5	Nutri-Cereals	0.00	161.55	121.17	121.17	44.59	76.58	37
	Total	4334.22	15461.61	6450.6	10784.82	8519.63	2265.19	79

Source: SDA, Govt. of CG, Provisional UC Report of May, 2018-19.

11.2 NFSM : Allocation & Expenditure: 2019-20

(Rs. in Lakh)								
S. No	Name of Crop/ Scheme	Revalidate (2018-19)	Allocation	Release	Available Amount	Expenditure	Unspent Balance as on 31.09.2019	% Achiev.
1	Pulses	1196.95	6417.03	631.98	1828.93	66.88	1762.05	4
2	Paddy	577.58	4331.86	710.73	1288.31	25.06	1263.25	2
3	Coarse Cereals	10.96	361.57	165.00	175.96	2.50	173.46	1
4	Nutri-Cereals	76.58	1488.00	187.77	264.35	1.95	262.40	1
	Total	1862.07	12598.46	1695.48	3557.55	96.39	3461.16	3

Source: SDA, Govt. of CG, MPR Sept., 2019 of NFSM

(Rs. in Lakh)

Schemes	Allocation			Available Fund			Expenditure			% Util. Ava.
	Central	State	Total	Revali.	Release	Total	Central	State	Total	
NFSM										
Pulses	3850.22	2566.81	6417.03	1196.95	631.98	1828.93	40.13	26.75	66.88	4
Paddy	2599.12	1732.74	4331.86	577.58	710.73	1288.31	15.04	10.02	25.06	2
Coarse Cereals	216.94	144.63	361.57	10.96	165.00	175.96	1.50	1.00	2.50	1
Nutri-Cereals	892.80	595.20	1488.00	76.58	187.77	264.35	1.17	0.78	1.95	1
NFSM-MM I (Oilseeds)	107.20	71.46	178.66	19.32		19.32	10.63	7.09	17.72	92
NFSM-MM II (Oilpalm)	142.53	95.02	237.55							
MM III (TBOs)	85.02	56.68	141.70							
Total NFSM	7893.82	5262.55	13156.37	1881.39	1695.48	3576.87	68.47	45.64	114.11	3
RKVY-RAFTAR	4087.88	2725.26	6813.14	1509.14		1509.14	647.63	431.76	1079.39	72
RKVY - (RPS)	20.00	13.33	33.33	73.41		73.41	0.00	0.00		0
RKVY-BGREI (Rice+Wheat)	5921.46	3947.64	9869.10	2693.20	667.98	3361.18	1142.29	761.53	1903.82	57
TRFA -Pulses	3000.00	2000.00	5000.00		3000.00	3000.00	1452.06	968.04	2420.1	81
TRFA-Oilseeds	450.00	300.00	750.00							
NMSA (RAD)	789.60	526.40	1316.00	856.32		856.32	248.53	165.69	414.22	48
PKVY	2019.60	1346.40	3366.00	1683.00	203.93	1886.93	328.84	219.22	548.06	29
SHM	722.40	481.60	1204.00	818.02		818.02	316.45	210.96	527.41	64
PMKSY	3099.90	2066.60	5166.50	1283.21		1283.21	738.88	492.58	1231.46	96
NMAET-SMSP	744.00	496.00	1240.00	534.36		534.36	207.71	138.48	346.19	65
NMAET-SMAE	3420.00	2280.00	5700.00	765.86	1580.49	2346.35	1407.81	938.54	2346.35	100
NMAET-SMFM	2000.00	1333.33	3333.33	4579.61	1348.70	5928.31	1041.37	694.24	1735.61	29
IWSM	8149.20	5432.80	13582.00	7988.30		7988.30	4793.00	3195.33	7988.33	100
National E-Gov. Plan Agri.	309.79	206.52	516.31	145.75		145.75	6.89	4.60	11.49	8
Total Above	34733.83	23155.88	57889.71	22930.18	6801.10	29731.28	12331.46	8220.97	20552.43	69
Grand Total	42627.65	28418.43	71046.08	24811.57	8496.58	33308.15	12399.92	8266.62	20666.54	62

Rashtriya Krishi Vikas Yojna (RKVY)

- RPS-Reclamation of Problematic soil;
- BGREI-Bringing Green Revolution in Eastern States
- TRFA-Targeted Rice Fallow Area;
- National Mission for Sustainable Agriculture (NMSA) : RAD-Rainfed Area Development

National Mission on Agriculture Extension and Technology

- SMSP-Sub-Mission on Seed and Planting Material
- SMAE-Sub-Mission on Agriculture Extension
- SMFM -Sub-mission on Farm Mechanization
- IWSM : Integrated Watershed Management

12. National Food Security Mission: Physical and Financial Progress 2019-20 (Upto Sept., 2019)

The Physical and Financial progress during 2019-20 under NFSM (Pulses, Additional Pulses, Rice, Wheat, Coarse Cereals and Nutri-cereal) towards critical interventions are indicated below (Table-12.1 & 12.2).

12.1 NFSM: Physical Progress (2019-20)

(Unit: in Nos.)

Component	Pulses (27)			Rice (13)			C. Cereals (08)			Nutri-cereals (10)		
	T	A	%	T	A	%	T	A	%	T	A	%
Demo. (ha)	17598	9750	55	16232	8224	51	4218	3708	88	7500	3800	51
Prod. & dist. of seeds (Qtls)	40605	205	1	27302	5339	20	1085	255	24	16500		
INM (ha)	96356	3985	4	26500						25000	600	2
IPM (ha)	104074	3500	3	101954						24000		
RCT (Nos.)	13879	100	1	13294	825	6				8560		
Water Appl. Tools (Ha/ Mtrs/ Nos.)	250937	56009	22	250888	4200	2						
CSBT (Nos.)	315	61	19	241	88	37				70		14
Misllaneous	18											
Local Initiatives	451	63	14	320	33					17	53	
Other Initiatives	200			200								

T: Target, A: Achievement; Figures in parenthesis are nos. of districts.

12.2 NFSM: Financial Progress (2019-20)

(Fin: Rs. in Lakh)

Component	Pulses (27)			Rice (13)			C. Cereals (08)			Nutri-cereals (10)		
	T	A	%	T	A	%	T	A	%	T	A	%
Demo. (ha)	1844.82	31.21	1.7	1732.86	15.21	1	253.08			450	1.95	0.4
Prod. & dist. of seeds (Qtls)	1844.89	7.33	0.4	866.41			108.49	2.5	2	450		
INM (ha)	402.07	1.34	0.3	140.00						105.00		
IPM (ha)	520.37			509.77						120		
RCT (Nos.)	568.46			405.43						64.2		
Water Appl. Tools (Ha/ Mtrs/ Nos.)	235.02			143.85	2.40	2						
CSBT (Nos.)	44.10			33.74	5.95	18				9.8		
Misllaneous	267.50											
Local Initiatives	670.00	27.00	4.0	480.00	1.50							
Other Initiatives	19.8			19.8						289		
Total	6417.03	66.88	1.0	4331.86	25.06	1	361.57	2.50	1	1488.0	1.95	0.1

T: Target, A: Achievement; Figures in parenthesis are nos. of districts.

13. OBSERVATION

Districts/ Date	Place	Events	Observations/Remark
Sarguja/ 28.08.2019	Village Saraitikra, Block-Ambikapur	Hybrid Rice Demonstration (CSBD)	<ul style="list-style-type: none"> • Visited the paddy field of Mr. Puran Ram, in this village Paddy Hybrid variety Sahyadri-4 was demonstrated in the cluster of 100 ha area. • Demonstration is under CSBD pattern and next crop will be Chickpea/Fieldpea. • Crop condition was good. • No cropping system based training was conducted and soil health cards were also not provided to the farmers. • KVK Scientist visit record not available, zone-wise recommendation for cropping system and input distribution register was not produced by the programme implementing authority of this cluster at the time of visit. • State head quarter should provide template for uniform display board. • Traces of stem borer attack was observed at the time of visit. • Team Leader remarked that there should be scientific intervention by KVK Scientists for good results and fertilizer should be applied based on the soil test results. • The aim of this project is to recommend suitable cropping system and livelihood improvement apart from conservation of natural resources. • The Team also visited the Gauthan (Cattle shelter) developed in the village under the flagship programme of C.G. Govt. and gave suggestions.
	Village-Adchi Block-Ambikapur	Review meeting at District Office with DDA & other stake holders	<ul style="list-style-type: none"> • Performance of minikit programme was not taken, full package was not provided under NFSM. • The sincere effort could not be taken in the process of providing mini rice mill could not be completed due to problem in CHAMP. • Seed village programme is progress is poor. • Occurrence of Fall Army Worm in Maize was noticed by the field officers and Rice Gall midge incidence has been not seen till now during this Kharif season. • Team Leader asked for Base line survey, cropping pattern, convergence, formation of user groups, post construction maintenance etc., he remarked that asset developments in this project is to utilize the irrigation

Districts/ Date	Place	Events	Observations/Remark
			<p>potential in the area .</p> <ul style="list-style-type: none"> • State Mission Director Sh. S. R. Verma suggested that there should be convergence for training on scientific relevant agriculture technologies to transfer with KVK Scientists. • The chairman suggested for joint visit of Scientists and Extension officials in the demo. fields and farmers feedback about the demonstrations should also be taken for further improvement .
	Village Saraitikra, Block-Ambikapur	Gothan (NGGB) programme of CG Govt.	<ul style="list-style-type: none"> • Fodder production model made by IGKV should be implemented to provide the green fodder round the year.
	Village – Amgaon KVK, Mainpat	Interaction with SHG & KVK visit Potato & Temperate Fruit Research Station	<ul style="list-style-type: none"> • Interacted with Kisan Didi Smt. Durga Yadav and SHG members. SHG members and KVK Scientist encouraged the farmers for good demonstrations and GAP. • Team visited KVK- and Potato & Temperate Fruit Research Station, Mainpat and appreciated the introduction of new crops in the area. • Sincere efforts were made by KVK for the socio economic development of this remote area. • Several Temperate fruits are being tested here, Kharif Potato is one of the important crop of this area introduction of remunerative varieties are going on.
	Village- Bisarpani Block- Mainpat	FLD of Rice	<ul style="list-style-type: none"> • The team visited demonstration fields of Direct Sown/Line planting Rice (var. MTU-1010 and RRF-105) conducted by KVK. • Crop condition is good and well managed at the road side to learn new technology for other farmers. • This programme was taken by self help group with convergence of other programmes the group is taking maize and vegetables.
Balrampur/ 29.08.2019	Vill. –Vijaynagar, Block- Ramchandrapur	Cluster Demo. of Finger millet (Ragi)	<ul style="list-style-type: none"> • Visited Cluster Demo. of Finger millet (Ragi), var.- Chhattisgarh Ragi-1 at 250 acre under NFSM nutri cereal programme of NFSM. • Transplanting and direct seeding of Ragi is taken by 16 self help group (113 members) at 188 acre under the joint venture of SDA, KVK, NRLM. • Farmers are taking Ragi crop under transplanting method for first time. • The success of crop will be depend on the continuation

Districts/ Date	Place	Events	Observations/Remark
			<p>of rains.</p> <ul style="list-style-type: none"> • Maize crop is being grown abundantly in this area Maize+Pigeonpea intercropping will be more remunerative for this area and sesame cultivation is widely grown needs promotion programme. • Team Leader suggested direct sowing of ragi instead of transplanting to save the time and money. • Team Leader advised KVK Scientists to assess the economic profitability of both Direct sowing and transplanting in Ragi and recommend suitable practice to the farmers.
	Vill.- Ghunghutta Block-Balrampur	Bandh Pariyojna	<ul style="list-style-type: none"> • Cage culture of fish is been taken by the Fisheries department under RKVY programme. • Well managed cage culture of fish species Fangusa is going on. • It is ideal for targeted fish production and easy for fishing as per the market demand.
		Review meeting with DDA and Officials	<ul style="list-style-type: none"> • The meeting was attended by the field staff of District Balrampur and KVK Scientists. • There is a lack of coordination between the SDA and KVK. • They were sensitised for the effective implementation of development programme and close linkage with the scientific institutions for the benefit of farmers. • Team reviewed the entire progress of the project and DDA Mr. Ajay Anant briefed about the CSS and SS schemes physical & financial programmes achievement • Team Leader asked for inclusion of pulse crops in maize and rice based cropping system for sustaining soil health.
Surajpur/ 30.08.2019	KVK- Surajpur	Seed-hub	<ul style="list-style-type: none"> • Rat proofing and damp proofing facilities were built in the structure. • The name of funding agency must be embossed in all the assets created under NFSM programme. • Non lifting of seed is a big threat in maintaining the revolving fund due to selling it as grain in mandi at lower prices. • Only one sieve of the grader was purchased initially now another one is required for different crop and its costing around eighty thousand, KVK wants to procure

Districts/ Date	Place	Events	Observations/Remark
			<p>it from the revolving fund.</p> <ul style="list-style-type: none"> • IGKV is one of the best seed hub amongst 150 in the country administrative support is required to solve their problems for smooth run of the programme to achieve the goal of self sufficiency in quality seed.
	Village Meghuli, Block -Surajpur	MIDH programme	<ul style="list-style-type: none"> • Turmeric variety Roma was taken as inter crop in the mango orchard under MIDH programme, the performance of the crop was good.
	Vill.- Sonwahi/ Songara Block-Surajpur	Integrated Farming System and organic Farming	<ul style="list-style-type: none"> • Farmer Sh. Teebul Ram and Dharam Singh (Progressive Farmer) shown his organic farming practice to the team and team encouraged him. • Scented rice, maize, fruits and vegetable are successfully grown, vegetable cultivation in plastic bags. • It is observed that flowering and fruiting are comparatively earlier in plastic bags. • It is concluded that scientific background of Jeevamrit should be validated in scientifically. • Traditionally farmers of this region are cultivating fine scented rice varieties and perennial pigeonpea variety Manghe Arhar and sweet corn.
	KVK, Ajirma	Seed –Hub Programme	<ul style="list-style-type: none"> • Infrastructure under seed-hub programme is completed and SPU is also installed. • KVK Head Dr. Tigga briefed and highlighted the seed-hub programme e.g. quantity of certified seed produced in farmers fields to address the problem of sale of seed. • NLMT Team is suggested to use wooden stacks for storage of seed. • Shri S. R. Verma suggested Seed-hub Nodal Officer to do MOU with Beej Nigam for sale of seed.
Baikunthpur	Baikunthpur	Organic Farming	<ul style="list-style-type: none"> • Organic Jeeraful rice variety is taken at 420 ha area under PKVY programme by total 25 clusters. • There is no monitoring system is being formed for PKVY programme.
	Baikunthpur (Korea)	DDA Meeting Hall	Team reviewed the progress of projects at DDA Meeting Hall, Baikunthpur and sensitized the District extension officials for good work. DDA Mr. Ramteke briefed the progress .

14. MAJOR OBSERVATIONS AND SUGGESTIONS

14.1 OBSERVATIONS

The NLMT was facilitated to monitor/visit the activities/works under different CSS/CS and State plan schemes in the sample districts of Sarguja, Balrampur, Surajpur and Korea. Following points, during the course of monitoring, need attention of the government:

- Small farmers are fully convinced with the advantages of farm mechanization, however, due to poor resource base and financial constraints they are not in position to match farmers share in such type of programmes. The state may provide top-up subsidy from state plan to support these farmers.
- Small and marginal farmers should be targeted more under NFSM activities along with rich and large farmers. Seed drill, Zero till seed drill & happy seeder should essentially be made available to the farmers. This will be highly helpful in establishment of rabi crops in the visited division and state successfully.
- Interactions with University scientists have revealed that lot of state specific deliverable technologies are available eg. Zero tillage wheat cultivation, Rabi Pigeonpea, Indira Field Pea, Mung varieties etc. These technologies are needed to be propagated and transferred to farmers field under the ongoing development programmes.
- The seed-hub programme allotted to the universities KVK for different pulse crops are going very well, this programme had made available the sufficient seed of pulses for the state. Some administration problems had been raised by PC KVK regarding, seed subsidy and seed lifting. The seed hub programme is under the revolving fund; seed produced under seed hub programme are sometimes not fully procured by the developmental agencies, as a result of which they are compelled to sale the seed in the form of grains. If this continues for long time then the sustainability of revolving fund would be adversely affected.

14.2 SUGGESTION

- It is suggested that the surveyor should estimate the water availability with the structure to explore the potential. Baseline survey must be done to prepare crop plan development department should form the beneficiaries group and the structure must be hand over to the Panchyat for further maintenance.
- The programme under NFSM should be monitored by DMT as well as SLMT as per guidelines (at least 10% of total block/district) on the parameters of implementation of various component and impact of the programme need to be documented.

- For each cluster demonstration plot/field there should be “*one control plot*” for comparison and training. Uniform Display board must be installed in demonstration field to show the detailed information.
- For effective publicity/penetration and extension of the crop development schemes, continuous visit by the field extension staff on farmer’s field, is strongly recommended.
- Also, one cluster demonstration should demonstrate atleast three to four varieties, two to three methods of planting and method of irrigation etc.
- The NLMT strongly recommend a detailed documentation of ***Cluster demonstration on demonstration register*** by the field extension staff. This should include date-wise input supply; date of sowing, crop condition; dates of irrigation and rainfall, if any; date of application of fertilizer/insecticide/weedicide/foliar spray; date of 50% flowering stage of the crop; date of harvesting; no. of plants/ears/pods per sq. m. of area before harvesting and crop-cutting of 5x5 meter area of demonstration plot vis-a-vis control plot.
- It is suggested that, single beneficiary should not be given the benefits of the several schemes. Instead, a good number of farmers should get the benefits of subsidy schemes of the Govt. of India and the State Government.
- Coordination between State Agriculture Development Agencies and Scientific Institution is must for the effective implementation of programmes.
- Wide research network is available in the state for all the three agro-climatic zones, specific recommendations should be included for deciding the input cafeteria particularly for cropping system based demonstrations.
- The demonstrations organizes by KVK should a step forward in terms of new interventions and their display as compare to general demonstrations i.e. nutrient management should be based on the soil health card status of the field.
- Demonstration should be organized with the INM/Soil test based (SHC) recommendation and this should be recorded on the display board and demonstration register.
- Gauamrit/Jeevamrit formula are being popularized by NGO`s, the scientific validation is required for such type of methods to avoid the yield deterioration of respective field.
- Non-lifting of processed seed by seed indenter is a common problem of several KVK seed hub, selling seed in Mandi through oxen causes huge losses to the revolving fund. The SDA, NSC, SSC may be instructed for necessary help to the government organizations involved in seed production.

- It is advised by the NLMT-Team that surplus seed may be used under the area expansion programme with the support of District Mining Fund. The infrastructure made under pulse seed hub programme can also be utilized for strengthening the revolving fund by retail value of seed godown and hiring charges of seed graders.
- More interventions of climate change adaptation and mitigation technologies are required in future for getting sustainable production and profitability of rice cultivation. Line transplanting can be incorporated under SRI, hybrid rice and cropping system-based research and area can be increased for getting better productivity. A state-program for seed production and distribution of stress tolerant varieties for unfavourable ecology can increase the productivity of rice in the state.
- To increase the production of the pulse and cereal crops, irrigation facilities should be increased through Farm Ponds, Sprinkler sets and drip irrigation systems. Promotion of mechanized farming such as ridge and furrow, BBF etc.
- The Bio-fertilizers and Bio-agents play an important role in the production and productivity of all crops especially the pulses. The State government may enter into the MoU with IGKV, Raipur for supply of these materials under the demonstration component of the Centrally Sponsored Programme. This will not only improve the supply of quality critical inputs but will also financially help the States University and its Laboratory for making a sustainable production and economic viable.
- The district-wise Local Initiatives should be ascertained with 9% of the total budgetary allocation under NFSM as a whole. The Local Initiatives may include Augmentation of water resources, Convergence of pulses in PMKSY area, godowns for safe storage of critical inputs post-harvest/processing facilities like grader, dehusking machine, Mini dall mills, promotion of local germplasm.
- 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, locally made popular implements etc., may be incorporated under this head.
- In rural area, construction of godown for storage, value addition facilities like cleaning/grading. Dal mills, processing plants etc. need special promotion to fetch good prices, economic benefits & increasing the living standard.
- The team suggested that the diversified cropping and integrated farming system should be adopted in the visited districts as well as in the state so that risk minimizing in agriculture and more employment generate in this sector.
- The post of DCs, TAs under PMT should be filled- up. The state HQ/Mission Director may seriously monitor such technical requirements in the NFSM in the interest of conduct of quality cluster demonstration in the state not merely the achievements of targets.

15. SOIL HEALTH SCHEME

Observations

- Soil health card preparation work is going well, however, in most of the visited labs, it was noticed that the micronutrients analysis is not being done. Also, AAS, at many STLs are not in order either due to maintenance issue or non-engagement of skilled manpower having analytical background.
- The mandatory soil health cards must be distributed to all the participating farmers under NFSM cluster demonstration. The status of soil health, thus, was not taken into consideration while recommending the balance nutrition.
- Organic Certification Agency is lacking in the state this is highly useful for preparation of environment for promotion of organic cultivation.

Suggestions

- Skill development in the field of instrumentation is advised for the staff involved in soil testing work and similarly, annual maintenance contract (AMC) for the sophisticated instruments like AAS and double beam Photometer etc. should be provided for the district soil testing laboratories. Soil testing report generated by Mrida Parikshak (Mini-Lab) may be randomly conformed by the referral laboratories for its authenticity.
- The NLMT recommends to introspect the criteria of deciding input cafeteria. Even today it is not based on soil test recommendations and not decentralized at the level of district and KVK. The State may also look into the aspects of timely supply of quality inputs at the appropriate time of planting of crops/laying out of demonstrations in the district.
- Soil testing report must be given at least for the demonstration crop where micronutrients are being applied blindly. This is important to ascertain quality technology demonstrations under the programme.
- The organic growers in the state must be facilitated in terms of the accreditation, marketing and strengthening of the organic manures, vermin compost preparation and skill up-gradation etc.
- The FYM/Compost being supplied should have a display of various nutrients available in the package.

15.1 SOIL HEALTH CARD SCHEMES

(Progress upto 31.09. 2019)

Districts	Soil Sample Collection and Analysis					SHC Printing and Distribution				
	Target	Achievement				Target	Achievement			
		Collection	%	Analysis	%		Printing	%	Distriبت.	%
Raipur	3115	2208	71	2208	71	3115	2208	71	2208	71
Balodabazar	3838	3953	103	3953	103	3838	3953	103	3953	103
Mahasamund	3512	2866	82	2864	82	3512	2860	81	2860	81
Dhamtari	1456	1456	100	1451	100	1456	2615	180	2615	180
Gariband	1322	1322	100	1322	100	1322	3802	288	3802	288
Raipur Division	13243	11805	89	11798	89	13243	15438	117	15438	117
Durg	1022	963	94	963	94	1022	963	94	963	94

Districts	Soil Sample Collection and Analysis					SHC Printing and Distribution				
	Target	Achievement				Target	Achievement			
		Collection	%	Analysis	%		Printing	%	Distribrt.	%
Balod	1447	1730	120	1730	120	1447	1695	117	1695	117
Bemetera	2031	2031	100	2031	100	2031	2031	100	2031	100
Rajnandgaon	2581	2898	112	2795	108	2581	2819	109	2819	109
Kabirdham	416	461	111	461	111	416	461	111	461	111
Durg Division	7497	8083	108	7980	106	7497	7969	106	7969	106
Bilaspur	1105	1105	100	1100	100	1105	1795	162	1795	162
Mungeli	915	970	106	970	106	915	970	106	970	106
Raigarh	7993	7993	100	7353	92	7993	7313	91	7313	91
Janjgir-champa	6088	6088	100	6088	100	6088	6088	100	6088	100
Korba	1326	1378	104	1378	104	1326	1987	150	1987	150
Bilaspur Division	17427	17534	101	16889	97	17427	18153	104	18153	104
Surguja	1684	1696	101	1696	101	1684	1696	101	1696	101
Surajpur	3471	1701	49	1701	49	3471	1701	49	1701	49
Balrampur	2167	2879	133	2879	133	2167	5101	235	5101	235
Jashpur	5350	2676	50	2339	44	5350	1258	24	1258	24
Korea	1761	1801	102	1801	102	1761	1801	102	1801	102
Surguja Division	14433	10753	75	10416	72	14433	11557	80	11557	80
Bastar	994	994	100	994	100	994	1130	114	1130	114
Kanker	2486	2467	99	2467	99	2486	2467	99	2467	99
Kondagaon	1869	1952	104	1887	101	1869	964	52	964	52
Narayanpur	743	706	95	706	95	743	706	95	706	95
Dantewada	829	829	100	829	100	829	829	100	829	100
Sukama	928	485	52	370	40	928	370	40	370	40
Bijapur	718	718	100	718	100	718	655	91	655	91
Bastar Division	8567	8151	95	7971	93	8567	7121	83	7121	83
Total CG	61167	56326	92	55054	90	61167	60238	98	60238	98

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

16. NFSM/NMOOP : SEED MINIKIT DISTRIBUTION: 2018-19

Observation

- Pulses seed minikits under NFSM Urd- 26500 nos. (Kharif), Mung-20,000 (Summer) (Minikit size: Urd/Mung @ 4 kg) were demonstrated. Similarly, Oilseed minikit under NMOOP were also made available to the state a total of 73,500 nos. (Rabi-70,500, Summer-3000 nos.) were also demonstrated during 2019-20.

Suggestion

- The varieties distributed under minikits should be monitored (at least 10% of total minikits in a block/district) on the parameters of yield, tolerance/resistance to insect pest and disease, adaptability, duration and suitability in the cropping system in the region/ district. Further, the best performing variety should be dove-tailed with the indenting of the breeder seed for organization of the seed production programme of pulses & oilseeds for the next season.

16.1 NFSM: Seed Minikits Distribution (Kharif-2019)*(Qty. in Nos.)*

Crop	Variety	Allocation	Supplied	Agency
Urd	Pratap Urd-1	13300	12950	NSC
	KUG 479	7750	7750	NSC
		5450	5450	HIL
Total Kharif		26500	26150	

16.2 NFSM : Seed Minikits Distribution (Rabi-2019-20)*(Qty. in Nos.)*

Crop	Varirty	Allocation	Supplied	Supply Agency
Mustard	Giriraj	35000	35000	NSC
	PM 30	30000	30000	NAFED
G.Nut	Dharni	2000	1999	NSC
Linseed	JLS 79	3500	3500	NAFED
Total Rabi		70500	70499	

16.3 NFSM: Seed Minikits Distribution (Summer-2019-20)*(Qty. in Nos.)*

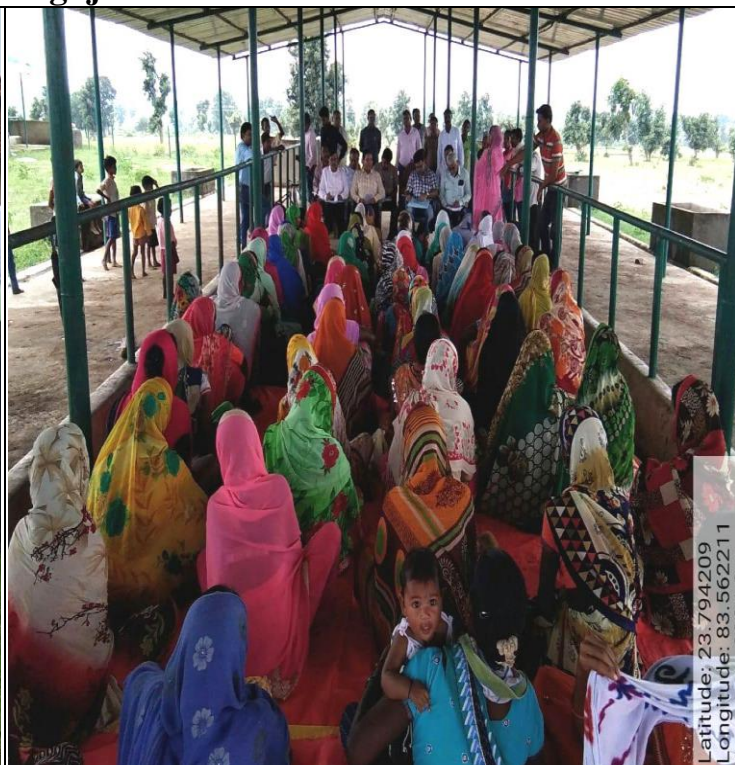
Crop	Variety	Allocation	Supplied	Supply Agency
Mung	IPM 205-07	10000	10000	NSC
	IPM 410-03	10000	10000	
Groundnut	Dharni	3000	3000	NAFED
Total Summer		23000	23000	

FIELD PHOTOGRAPHS

District- Sarguja



Hybrid Rice Demo. (var.- Sahyadri-4) under NFSM in CSBD approach Beneficiary - Mr. Puran Ram Village Saraitikra, Block-Ambikapur



Interaction with Self Help Group (SHGs) Village – Amgaon , Block- Mainpat



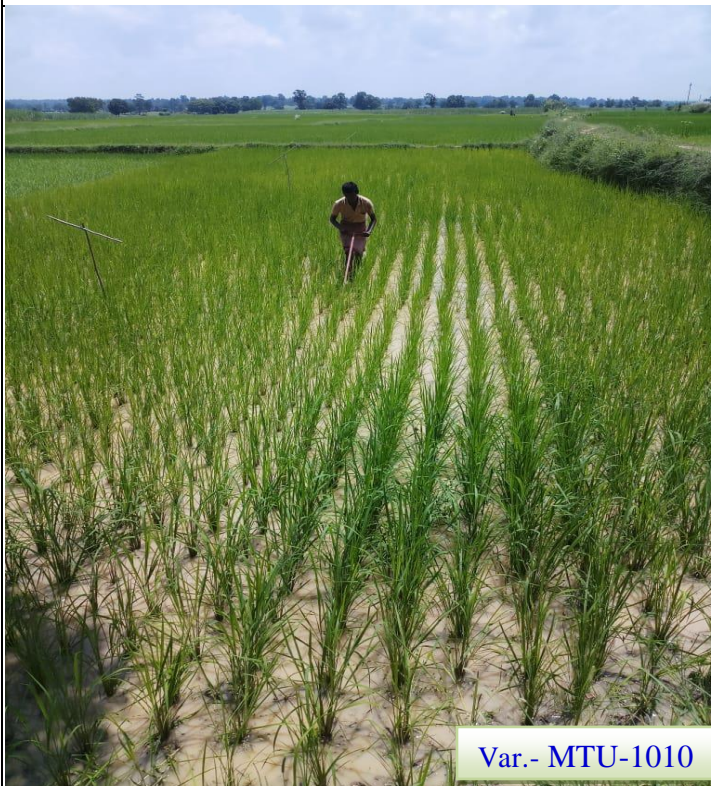
Gothan (NGGB) programme of CG Govt. Village Saraitikra, Block-Ambikapur



District- Sarguja



Potato & Temperate Fruit Research Station
Block- Mainpat



FLD of Rice conducted by KVK, Mainpat
Method of Sowing: Direct Sown/Line planting, Village- Bisarpani, Block- Mainpat

District- Balrampur



Cluster Demo. of Finger millet (Ragi)
Vill. –Vijaynagar, Block-Ramchandrapur



Ragi Production by Self Help Group (SHGs)



Aquaculture Production
Method of Production : Cage Culture system under the
Bandh Pariyojna of RKVY Programme
Vill.- Ghunghutta, Block-Balrampur



Sesame Cultivation
Vill. –Vijaynagar, Block-Ramchandrapur

District- Surajpur



Scheme - Seed Production Processing-cum Storage
Godown under (NMAET-SMSP)
Beneficiary - Sh. Dewanand Sahu
Block-Bamnadih, Village-Sarwani



NFSM Seed-Hub
Seed Processing Unit, KVK-Surajpur



Interaction with Farmers and State Officer/Officials



Turmeric orchard (var.-Roma) under MIDH programme
Village Meghuli, Block -Surajpur

NFSM: PHYSICAL AND FINANCIAL PROGRESS DURING 2019-20: CHHATTISGARH

NFSM-RICE: Physical & Financial Target & Achievement of Chhattisgarh

(Till Sept., 2019)

(Financial: Rs. in Lakh)

S. No.	Interventions	Approved Rate of assistance	Unit	Total Target		Achieved by State		
				Phy.	Fin.	Phy.	Fin.	
1	(a) Cluster Demonstration by State Department of Agriculture with the technical backstopping of ICAR/SAUs/IRRI (One Cluster of 100 ha).							
	(i) Direct Seed Rice	Rs. 9000/- per ha	Ha	2600	234.00	1775	1.46	
	(ii) Line Transplanting	Rs. 9000/- per ha	Ha	1299	116.91	849	2.03	
	(iii) SRI	Rs. 9000/- per ha	Ha	1300	117.00	700	2.96	
	Sub Total (a)			Ha	5199	467.91	3324	6.45
	(b) Hybrid Rice (One Cluster of 100 ha)							
		Rs. 9000/- per ha	Ha	5200	468.00	2500	2.50	
	(c) Demo. on stress tolerance varieties of 100 ha each (30% of the total financial allocation of demonstrations)							
		Rs. 9000/- per ha	Ha	1300	117.00	0	0.00	
	(d) Cropping System based demonstrations (30% of the total financial allocation of demonstrations) (cropping Sequence to be specified)							
	(i) Rice-Gram	Rs. 15000/- per ha	Ha	1633	244.95	800	1.28	
	(ii) Rice-pea	Rs. 15000/- per ha	Ha	650	97.50	400	0.30	
	(iii) Rice-Maize	Rs. 15000/- per ha	Ha	2250	337.50	1200	4.684	
	Sub Total (d) Cropping System Based Demonstration			Ha	4533.0	679.95	2400.0	6.26
Total Demonstration [1 (a) to 1 (d) 44%			Ha	16232.0	1732.9	8224.0	15.20	
2	Seed Distribution (Rate of Assistance or 50% of cost whichever is less)							
	(a) Hybrid Rice seed	Rs. 10000/q	Qtl.	5000	500.00	0	0.00	
	(b) HYV Seed of Rice (For varieties older than 10 years) limited 20 percent of total seed distribution target	Rs. 1000/q	Qtl.	7963	79.63	2100	0.00	
	(c) HYV Seed of Rice (For varieties less than 10 years)	Rs. 2000/q	Qtl.	14339	286.78	3239	0.00	
	Sub Total 2 (a) to 2 (c) 20%				27302	866.41	5339	0.00
3	Plant and Soil Protection management (Rate of Assistance or 50% of cost whichever is less)							
	(a) Soil Management							
	(i) Micronutrients	Rs. 500/ha	Ha	25000	125.00	0	0.00	
	(ii) Liming in Acidic Soils	Rs. 1000/ha	Ha	1500	15.00	0	0.00	
	Sub Total Soil Management (INM)				26500	140.00	0	0.00
	(b) Plant Protection Management (Rate of Assistance or 50% of cost whichever is less)							
	(i) PP Chemicals & bio-agents	Rs. 500/ha	Ha	62259	311.295	0	0.00	
	(ii) Weedicides	Rs. 500/ha	Ha	39695	198.475	0	0.00	
	Sub Total Plant Management (IPM)			Ha	101954	509.770	0	0.00
	Total Soil & Plant Protection Management 15%			Ha	128454	649.770	0	0.00
4	Flexi Components (21% of the total allocation)							
(a)	Farm Implements & Equipments							
	Manual Sprayer/Knap sack spryer/Foot Operated Sprayer for SC/ST, SMF farmers	Rs. 750/Unit or 50% of the cost whichever less	Nos.	5150	38.625	10	0.00	
	Manual Sprayer/Knap sack spryer/Foot Operated Sprayer for other farmer	Rs. 600/Unit or 40 % of the cost whichever less	Nos.	3155	18.930	0	0.00	

S. No.	Interventions	Approved Rate of assistance	Unit	Total Target		Achieved by State	
				Phy.	Fin.	Phy.	Fin.
	Power Sprayers SC/ST, small & marginal, Women farmers (8-12 litres)	Rs. 3100/Unit or 50% of the cost whichever less	Nos.	2053	63.643	400	0.00
	Power Sprayers for other farmer (8-12 litres)	Rs. 2500/Unit or 40% of the cost whichever less	Nos.	2598	64.950	415	0.00
	Seed drills for SC/ST small & marginal, Women farmers below 20 BHP tractor driven	Rs. 15000/Unit or 50% of the cost whichever less	Nos.	16	2.400	0	0.00
	Seed drills for other farmer below 20 BHP tractor driven	Rs. 12000/Unit or 40% of the cost whichever less	Nos.	30	3.600	0	0.00
	Rotavators (Above 35 bhp 6 feet) for sc/st, small & marginal, Women farmers below 20 BHP	Rs. 44800/Unit or 50% of the cost whichever less	Nos.	18	8.064	0	0.00
	Rotavators (Above 35 bhp 6 feet) for other farmer below 20 BHP	Rs. 35800/Unit or 40% of the cost whichever less	Nos.	58	20.764	0	0.00
	Paddy thresher/multi-crop thresher for sc/st, small & marginal, Women farmers above 35 BHP	Rs. 10000/Unit or 50% of the cost whichever less	Nos.	66	66.000	0	0.00
	Paddy thresher/multi-crop thresher for other farmer above 35 BHP	Rs. 80000/Unit or 50% of the cost whichever less	Nos.	121	96.800	0	0.00
	Distribution of Power Tiller (8 BHP & above) for sc/st, small & marginal, Women farmers	50% of cost or Rs. 85,000/	Nos.	9	7.650	0	0.00
	Distribution of Power Tiller (8 BHP & above) for General farmers	40% of cost or Rs. 70,000/	Nos.	20	14.000	0	0.00
	Sub Total (4a)			13294	405.426	825	0.00
(b)	Water Application Tools						
	(i) Incentive for pump sets	Rs. 10000/Unit or 50% of the cost whichever less	Nos.	185	18.500	0	0.00
	(ii) Water Carrying Pipes (Type of Pipe to be Specified)	50% of the cost limited to Rs. 50/- per meter for HDPE pipes Rs. 35/- meter for PVC pipes and Rs. 20/- per meter for HDPE laminated woven lay flat tubes with maximum ceiling of Rs. 15,000/- per farmers/beneficiary for water carrying pipe.	Mtr.	250703	125.352	4200	2.40
	Sub Total 4 (b)			250888	143.8520	4200	2.40
(c)	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.	241	33.740	88	5.95
(d)	Miscellaneous expenses						
	(i) Project management team & other misc. expenses at district level						
	(ii) Project management team & other misc. expenses at State level						
	Sub Total Misc. Expenses						
(e)	Local initiatives (Activities to be specified supported by full details)						
	(i) Construction of Godowns	Maximum Rs 1.50 lakh or 50% of cost whichever is less	Nos.	320	480.000	33	1.50
	Total Local Initiatives			320	480.000	33	1.50

S. No.	Interventions	Approved Rate of assistance	Unit	Total Target		Achieved by State	
				Phy.	Fin.	Phy.	Fin.
(f)	Other Initiatives						
	(a) Demonstration by NGOs	Rs. 9900/ha	Ha	200	19.800	0	0.00
	(b) Assistance for custom hiring centres	Rs. 1500/ha	Ha				
	(c) Specialized projects						
Sub Total Flexi Components [4 (a) to 4 (f)] 21%				264743	1082.818		9.850
Total NFSM Rice				432052	4331.858		25.059
GOI Share					2599.115		15.035
State Share					1732.743		10.024

Target Amount = 4331.858 (GOI- 2599.115 + STATE-1732.743)

Unspent Bal of 2018-19 = 577.58 Lakh

Allotment Received = 710.73 Lakh

Total Fund Available = 1288.31 Lakh

Financial Achievement = 25.06 Lakh

% Expenditure = 2%

NFSM-Pulses: Physical & Financial Target & Achievement of Chhattisgarh

(Till Sept., 2019)

(Financial: Rs. in Lakh)

S. No	Interventions	Approved rate of assistance	Unit	Target By GOI		Achieved by State	
				Phy.	Fin.	Phy.	Fin.
1	Demonstration on improved technologies:						
(a)	Cluster Demonstrations (of 100 ha each)						
	(i) Arhar	Rs. 9000/ha	Ha	500	45.00	450	0.00
	(ii) Gram	Rs. 9000/ha	Ha	4148	373.32	0	0.00
	(iii) Urd	Rs. 9000/ha	Ha	2300	207.00	1950	1.77
	(iv) Moong	Rs. 9000/ha	Ha	1800	162.00	800	0.05
	(v) Lentil	Rs. 9000/ha	Ha	0	0.00	0	0.00
	(vi) Pea	Rs. 9000/ha	Ha	500	45.00	0	0.00
	Sub Total (a)		Ha	9248	832.32	3200	1.82
(b)	Cropping System Based Demonstrations-30% of the outlay of total demonstration - (Specify cropping sequence)						
	(i) Rice-Gram	Rs. 15000/ha	Ha	2600	390.00	2250	7.50
	(ii) Rice-pea	Rs. 15000/ha	Ha	300	45.00	300	0.00
	(iii) Rice-mung	Rs. 15000/ha	Ha	600	90.00	500	0.05
	(iv) Rice-urd	Rs. 15000/ha	Ha	850	127.50	650	0.00
	Sub-Total (b)		Ha	4350	652.50	3700	7.55
(c)	Demonstration on Intercropping (Specify intercrop)						
	(i) Arhar+Soybean	Rs. 9000/ha	Ha	200	18.00	0	0.00
	(ii) Arhar +Maize	Rs. 9000/ha	Ha	1500	135.00	1350	12.36
	(iii) Moong/Urd+ Maize	Rs. 9000/ha	Ha	2300	207.00	1500	9.48
	Sub-Total (c)		Ha	4000	360.00	2850	21.84
	Total Demonstration (a)+(b)+(c)			17598	1844.82	9750	31.21
2	Assistance for Distribution & Production of Seeds (Rate of Assistance or 50% of cost whichever less)						
(a)	Distribution of certified Seeds (For varieties less than 10 year of age)						
	(i) Arhar	Rs. 5000/q	Qtl.	500	25.000	174	6.19
	(ii) Mung	Rs. 5000/q	Qtl.	4207	210.350	0	0.00
	(iii) Urd	Rs. 5000/q	Qtl.	3295	164.728	15	0.75
	(iv) Gram	Rs. 5000/q	Qtl.	6541	327.052	0	0.00
	(v) Lentil	Rs. 5000/q	Qtl.	0	0.000	0	0.00
	(vi) Pea	Rs. 5000/q	Qtl.	200	10.000	0	0.00
	Sub Total for Distribution		Qtl.	14743	737.130	189	6.94
(b)	Distribution of Seeds (For varieties more than 10 years of age) – Limited to 20 percent of total seed distribution target (Rate of Assistance or 50% of cost whichever less)						
	(i) Arhar	Rs. 2500/q or	Qtl.	500.00	12.500	16.00	0.39
	(ii) Moong	Rs. 2500/q	Qtl.	1643.00	41.075	0.00	0.00
	(iii) Urd	Rs. 2500/q	Qtl.	2000.00	50.000	0.00	0.00
	(iv) Gram	Rs. 2500/q	Qtl.	2770.52	69.263	0.00	0.00
	(v) Lentil	Rs. 2500/q	Qtl.	0.00	0.000	0.00	0.00
	(vi) Pea	Rs. 2500/q	Qtl.	500.00	12.500	0.00	0.00
	Sub Total for Distribution		Qtl.	7413.52	185.338	0.00	0.00
	Total for Seed Distribution 15%		Qtl.	22156.520	922.468	16.00	0.39
(c)	Production of Seeds (For varieties less than 10 year of age) (Rate of Assistance or 50% of cost whichever less)						
	(i) Arhar	Rs. 5000/q	Qtl.	1372.228	68.6114	0.00	0.00
	(ii) Gram	Rs. 5000/q	Qtl.	11500.0	575.00	0.00	0.00
	(iii) Urd	Rs. 5000/q	Qtl.	3136.30	156.815	0.00	0.00
	(iv) Moong	Rs. 5000/q	Qtl.	2340.0	117.00	0.00	0.00
	(v) Letil	Rs. 5000/q	Qtl.	0.0	0.0	0.00	0.00

S. No	Interventions	Approved rate of assistance	Unit	Target By GOI		Achieved by State	
				Phy.	Fin.	Phy.	Fin.
	(vi) Pea	Rs. 5000/q	Qtl.	100.0	5.000	0.00	0.00
	Sub Total for Production 15%		Qtl.	18449	922.43	0	0.00
	Total for Seed Items 2		Qtl.	40605	1844.89	205	7.33
3	Plant & Soil Protection Management (Rate of Assistance or 50% of cost whichever less)						
(a)	Soil Management						
	(a) Micro-nutrients	Rs. 500/ha	Ha	45000	225.00	2000	0.00
	(b) Gypsum/80% WG Sulphur	Rs. 750/ha	Ha	2000	15.00	0	0.00
	(c) Lime	Rs. 1000/ha	Ha	2000	20.00	0	0.00
	(d) Bio-fertilizers	Rs. 300/ha	Ha	47356	142.07	1985	1.34
	Sub Total INM 3 (a) to 3 (d)		Ha	96356	402.07	3985	1.34
(b)	Plant Protection Management (IPM) (Rate of Assistance or 50% of cost whichever less)						
	(a) Distrib.of PP Chemicals	Rs. 500/ha	Ha	58074	290.37	2000	0.00
	(b) Weedicides	Rs. 500/ha	Ha	46000	230.00	1500	0.00
	Sub Total 4 (a) and 4 (b)		Ha	104074	520.37	3500	0.00
	Total Soil & Plant Protection Management 15%		Ha	200430	922.44	7485	1.34
4	Flexi Components (25% of the outlay)						
(a)	Farm Implements & Equipments						
	Manual Sprayer/Knap sack spryer/Foot Oprated Sprayer for sc/st,small & marginal,Women farmers	Rs. 750/Unit or 50% of the cost whichever less	Nos.	3200	24.000	100.00	0.000
	Manual Sprayer for other farmer	Rs. 600/Unit or 40 % of the cost whichever less	Nos.	3503	21.018	0.00	0.000
	Power Sprayers sc/st,small & marginal,Women farmers (8-12 litres)	Rs. 3100/Unit or 50% of the cost whichever less	Nos.	4000	124.000	0.00	0.000
	Power Sprayers for other farmer (8-12 litres)	Rs. 2500/Unit or 40% of the cost whichever less	Nos.	2503	62.575	0.00	0.000
	Seed drills for sc/st,small & marginal,Women farmers below 20 BHP	Rs. 15000/Unit or 50% of the cost whichever less	Nos.	70	10.500	0.00	0.000
	Seed drills for other farmer below 20 BHP	Rs. 12000/Unit or 40% of the cost whichever less	Nos.	128	15.360	0.00	0.000
	Rotavators (Above 35 bhp 6 feet) for sc/st,small & marginal,Women farmers below 20 BHP	Rs. 44800/Unit or 50% of the cost whichever less	Nos.	25	11.200	0.00	0.000
	Rotavators (Above 35 bhp 6 feet) for other farmer below 20 BHP	Rs. 35800/Unit or 40% of the cost whichever less	Nos.	151	54.058	0.00	0.000
	Multi-crop thresher for sc/st,small & marginal,Women farmers above 35bhp	Rs.100000/Unit or 50% of the cost whichever less	Nos.	64	64.000	0.00	0.000
	Multi-crop thresher for other farmer above 35bhp	Rs.80000/Unit or 50% of the cost whichever less	Nos.	120	96.000	0.00	0.000
	Distribution of Power Tiller (8 BHP & above) for sc/st,small & marginal,Women farmers	50% of cost or Rs. 85,000/	Nos.	35	29.750	0.00	0.000
	Distribution of Power Tiller (8 BHP & above)for General farmers	40% of cost or Rs. 70,000/	Nos.	80	56.000	0.00	0.000
	Sub Total Farm Implements 4 (a)		Nos.	13879	568.461	100.00	0.000
(b)	Efficient Water Application Tools						
	(a) Sprinkler sets	Rs. 10000/ha or 50% of cost whichever less	Ha.	400	40.000	0	0.000
	(b) Pump sets	Rs. 10000/Unit or 50% of cost whichever less	Nos.	701	70.100	0	0.000

S. No	Interventions	Approved rate of assistance	Unit	Target By GOI		Achieved by State	
				Phy.	Fin.	Phy.	Fin.
	(c) Pipe for carrying water from source to the field	50% of the cost limited to Rs. 50/-per meter for HDPE pipes. maximum ceiling of Rs. 15,000/-per farmer/beneficiary for water carrying pipe	Mtr.	249836	124.918	56009	0.000
	(d) Mobile Rainguns	Rs. 15000/Unit or 50% if cost whichever less	Nos.	0	0.000	0	0.000
	Sub Total 4 (b)			250937	235.018	56009	0.000
(c)	Cropping System Based Trainings (four sessions i.e. one before kharif and rabi seasons, one each during kharif and rabi crops)	Rs. 3500/- session, Rs. 14000/- training	Nos.	315	44.100	61	0.000
(d)	Miscellaneous expenses:						
	(a) PMT & other Misc. expenses at District level			17.000	246.500	0.000	0.000
	(b) PMT & other Misc. expenses at State level			1	21.000	0	0.000
	Sub-Total 4 d (i) to (ii)						
(e)	Local initiatives (Activities to be specified supported by full details)						
	(a) Construction of Godowns	Maximum Rs 1.50 Lakh or 50% of the cost whichever is less	Nos.	420	630.00	63	27.00
	(b) Dal Mills	SC,ST,SF/MF/WF Maximum Rs 1.50 Lakh or 60% of the cost	Nos.	5	7.500	0	0.00
		for other farmer max.1.25 lakh or 50% of the cost whichever is less	Nos.	26	32.50	0	0.00
	Dhal Mill Total			31	40.00	0	0.00
	Sub-Total Local Initiatives			451	670.00	63	27.00
(f)	Other Initiatives						
	(a) Demonstration by NGOs	Rs. 9900/-Ha	Ha.	200.00	19.80	0.00	0.00
	(b) Assistance for custom hiring centres	Rs. 1500/-Ha	Ha.				
	(c) Marketing Support						
	(d) Specialized Projects						
	(e) Value Chain Integration						
	Sub Total other Initiatives			200.00	19.80	0.00	0.00
	Total For Flexi Components [4 (a) to 4 (f)] 25%				1537.379		27.000
	Total NFSM - PULSES without PMT				6149.529		0.000
	Total NFSM - PULSES with PMT				6417.029		66.880
	GOI Share				3850.217		40.128
	State Share				2566.812		26.752

Target Amount	= 6417.029 Lakh (GOI-3850.217 + STATE-2566.812)
Unspent Bal of 2018-19	= 1196.95 Lakh
Allotment Received	= 631.98 Lakh
Total Fund Available	= 1828.93 Lakh
Financial Achievement	= 66.88 Lakh
% Expenditure	= 4%

NFSM-Coarse Cereals: Physical & Financial Target & Achievement of Chhattisgarh

(Till Sept., 2019)

(Financial: Rs. in Lakh)

S. No.	Interventions	Approved rate of assistance	Unit	Target By GOI		Achieved by State	
				Phy.	Fin.	Phy.	Fin.
1	(a) Demonstration on improved package						
	(i) Maize	Rs. 6000/ha	ha	4218	253.080	3708	0
	Total 1 (a) & (b) (70%)						
2	Distribution of Certified Seeds:						
	(a)Maize HYVs Seeds (less than 10 years of age)	Rs. 3000/-per qtl.	Qtl				
	(b) Maize HYVs Seeds (More than 10 years of age)	Rs. 1500/-per qtl.	Qtl				
	(c) Hybrid Seeds (Maize)	Rs. 10000/-per qtl.	Qtl	1084.9	108.49	255.22	2.5
	Sub Total 2 (a) and 2 (c) (30%)			Qtl	1084.90	108.49	255.22
Total NFSM Coarse Cereals					361.570		2.5
GOI Share					216.942		1.5
State Share					144.628		

Target Amount	= 361.57 (GOI-216.942 + STATE- 144.628)
Unspent Bal of 2018-19	= 10.96 Lakh
Allotment Received	= 165.00 Lakh
Total Fund Available	= 175.96 Lakh
Financial Achievement	= 2.50 Lakh
% Expenditure	= 1 %

NFSM: Nutri-Cereals: Physical & Financial Target & Achievement of Chhattisgarh

(Till Sept., 2019)

(Financial: Rs. in Lakh)

S. No	Interventions	Approved rate of assistance	Unit	Target By GOI		Achieved by State		
				Phy.	Fin.	Phy.	Fin.	
1	Cluster Front Line Demonstration by State (60:40)							
	(i) Ragi	Rs. 6000/ha	Ha	4000	240.00	2450	1.95	
	(ii) Kodo Millet	Rs. 6000/ha	Ha	3000	180.00	1300	0.00	
	(iii) little Millet	Rs. 6000/ha	Ha	500	30.00	50	0.00	
	Sub Total			Ha	7500	450.00	3800	1.95
2	Distribution of Seeds (60:40)							
	*(a) Hybrid seed of nutritive variety (25% of the total seed allocation of Jowar & Bajra)							
	(i) Bajra	Rs. 10000/Qtl.	Qtl.					
	(ii) Jawar	Rs. 10000/Qtl.	Qtl.					
	Sub-Total 2 (a)			Qtl.				
	(b) HYV Seed							
	(i) Ragi (Varieties < 10 years)	Rs. 3000/Qtl.	Qtl.	3500	105.00	0	0.00	
	(ii) Ragi (Varieties > 10 years)	Rs. 1500/Qtl.	Qtl.	1500	22.50	0	0.00	
	Small Millet							
	(a) Kodo Millet (Var. < 10 years)	Rs. 3000/Qtl.	Qtl.	2500	75.00	0	0.00	
	(b) Kodo Millet (Var. > 10 years)	Rs. 1500/Qtl.	Qtl.	1500	22.50	0	0.00	
	(c) little Millet (Var. < 10 years)	Rs. 3000/Qtl.	Qtl.	0	0.00	0	0.00	
	(D) little Millet (Var. > 10 years)	Rs. 1500/Qtl.	Qtl.	0	0.00	0	0.00	
	Sub-Total [Item 2 (b)]			Ha	9000	225.00	0	0.00

S. No	Interventions	Approved rate of assistance	Unit	Target By GOI		Achieved by State		
				Phy.	Fin.	Phy.	Fin.	
3	Certified Seed Production of HYVs seeds by state < 10 year old varieties (60:40)							
	(i) Ragi	Rs. 3000/Qtl.	Qtl.	4000	120.00	0	0.00	
	(ii) Kodi Millet	Rs. 3000/Qtl.	Qtl.	3500	105.00	0	0.00	
	Sub Total (Item 3)			Qtl.	7500	225.00	0	0.00
4	Integrated Nutrient Management (INM) (60:40)							
	(i) Micronutrient	Rs. 500/ha	Ha	15000	75.00	0	0.00	
	(ii) Bio-Fertilizer	Rs. 500/ha	Ha	10000	30.00	600	0.00	
	Sub Total (Item 4)			Ha	25000	105.00	600	0.00
5	Integrated Pest Management (IPM) (60:40)							
	(i) Weedicides	Rs. 500/ha	Ha	20000	100.00	0	0.00	
	(ii) Plant Protection Chemical & Bio-agents	Rs. 500/ha	Ha	4000	20.00	0	0.00	
	Sub Total for Production			Ha	24000	120.00	0	0.00
	Total for INM & IPM [Items 4+5]			ha	49000	225.00	0	0.00
6	Flexi Components							
(a)	Farm Implements & Equipments (60:40)							
	(i) Manual Sprayer for SC/ST, Women Farmer, Small and Marginal Farmers	50% of the cost or Rs. 600/unit, whichever is less	Nos.	8560	64.20	0	0	
	(ii) Manual Sprayer for other farmers	40% of the cost or Rs. 500/unit, whichever is less	Nos.	0	0.00	0	0	
	Sub Total Item 6 (a)			Nos.	8560	64.20	0	0.00
(b)	Water application tools (60:40)							
	(i) Sprinkler	50% of the cost or Rs. 10000/ha, whichever is less	Ha					
	Sub Total Item 6 (b)			Ha				
(c)	Cropping System Based Training (60:40)	Rs. 14000 per training of 4 session	Nos.	70	9.80	4	0.00	
(d)	Local initiatives (60:40)							
	(i) Millet Mills for SC /ST /women / Small /Marginal Farmers	Rs.540000/Unit or 60% of the cost whichever less	5	27.00	0	0.00	0.00	
	(ii) Event/Workshop (100%) GOI							
	(a) State level Workshop	Rs. 4 Lakh per workshop	1	4.00	0	0.00	0.00	
	(b) District Level festivals	Rs. 6 Lakh per Workshop	6	12.00	0	0.00	0.00	
	(c) Roadshow	Rs. 0.50 Lakh per roadshow	18	9.00	0	0.00	0.00	
	(d) Creation Of Awareness Camps	Rs. 0.10 Lakh per awarness camps	20	2.00	0	0.00	0.00	
	(e) Publicity	Rs. 10 lakh for Publicity		10.00	0	0.00	0.00	
	(iii) Establishment of processing unit (Ragi biscuit manufacturing unit)	Rs. 75 lakh biscuits processing unit	3	225.00	0	0.00	0.00	
	Sub Total Item 6 (d)			48	289.00	0	0	0.00
	Total For Flexi Components [6 (a) to 6 (e)]					363.00	4	0.00
	Total NFSM - Nutri - Cereals					1488.00		1.95
	GOI Share					892.80		1.17
	State Share					595.20		0.78

Target Amount	= 1488.00 (GOI-892.80 + STATE-595.20)
Unspent Bal of 2018-19	= 76.58 Lakh
Allotment Received	= 187.77 Lakh
Total Fund Available	= 264.35 Lakh
Financial Achievement	= 1.95Lakh
% Expenditure	= 1 %

COST NORM /INPUT CAFETERIA OF DEMONSTRATION UNDER NFSM**A. CLUSTER DEMONSTRATION OF RICE****(Unit: in Rs./ha)**

Activity/Particular	Direct Seeded Rice	Line Transplanting	SRI	Stress tolerant Varieties	Hybrid Rice
Seed (Per Ha.)	1000	700	300	700	4125
Honorarium For Sowing	1000	1000	1400	1000	0
Pigeonpea Plantation on Rice Bund (2.5 kg/ha)	400	400	400	400	0
Biofertilizer as green manure seed,PSB,Azetobactor,Potash Mobilizer Or NPK Consortia,Zn Mobilizer,Mycorrhiza as per recommendation by SAU/KVK	2000	2300	2300	2300	2075
Weedicide (1 Per and 1 Post emergence)	1800	1800	1800	1800	0
IPM (PP chemicals/ bio pesticides)	2000	2000	2000	2000	2000
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	9000	9000	9000	9000	9000

B. RICE: CROPPING SYSTEM BASED (CSBD)**(Unit: in Rs./ha)**

Activity/Particular	Gram (40 kg)	pea (40 kg)	Maize (20 kg)	Moong (20 kg)	Urd (20 Kg)
First Crop Rice @ 9000 per ha					
Cost Of Seed	3000	3000	4125	2000	2000
Biofertilizer as green manure seed,PSB,Azetobactor,Potash Mobilizer Or NPK Consortia,Zn Mobilizer,Mycorrhiza as per recommendation by SAU/KVK	1500	1500	375	1500	1500
IPM (PP chemicals/ bio pesticides)	1500	1500	1500	1500	1500
Weedicide (1 Per and 1 Post emergence)	0	0	0	1000	1000
Total	6000	6000	6000	6000	6000

C. CLUSTER DEMONSTRATION OF PULSES**(Unit: in Rs./ha)**

Activity/Particular	Arhar (20 kg)	Gram (40 kg)	Pea (40 kg)	Urd (20 kg)	Moong (20 Kg)	Lentil (20 kg)
Cost Of Seed	2000	3000	3000	2000	2000	2000
Biofertilizer as green manure seed,PSB,Azetobactor,Potash Mobilizer Or NPK Consortia,Zn Mobilizer,Mycorrhiza as per recommendation by SAU/KVK	2000	1800	1800	2000	2000	2000
Weedicide (1 Pre and 1 Post emergence)	2000	1400	1400	2000	2000	2000
IPM (PP chemicals/ bio pesticides)	2200	2000	2000	2200	2200	2200
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	9000	9000	9000	9000	9000	9000

D. CLUSTER DEMONSTRATION OF COARSE CEREALS/NUTRI-CEREALS

(Unit: in Rs./ha)

Activity/Particular	Maize (20 kg)	Finger Millet (20 kg)	Kodo/Kutki (20 kg)
Cost Of Seed	3450	2000	2000
Biofertilizer as green manure seed,PSB,Azetobactor,Potash Mobilizer Or NPK Consortia,Zn Mobilizer,Mycorrhiza as per recommendation by SAU/KVK	750	1700	1700
IPM (PP chemicals/ bio pesticides)	1000	1500	1500
Demonstration board, Training Materials, Farmers training, field day, POL, vehicle hiring/visit of scientist/State Officers and other contingencies	800	800	800
Total	6000	6000	6000

E. INTERCROPPING DEMONSTRATION: ARHAR + SOYBEAN

Activity / Particular	Unit Cost	Cost Norms or Rate of assistances (Rs. / ha)
Seed (Arhar @ 5 kg/ha)	Rs. 135/kg	675
Seed (Soybean @ 60 kg/ha)	Rs. 64/kg	3840
Fertilizer (N : P : K) (20:50:20)		To be arranged by farmers themselves
Biofertilizer as green manure seed,PSB,Azetobactor,Potash Mobilizer Or NPK Consortia,Zn Mobilizer,Mycorrhiza as per recommendation by SAU/KVK	-	885
Weedicide / Weed Management	Rs. 700/ha	1200
Integrated Pest Management including bio-pesticides, pesticides, pheromone traps etc.	Rs. 500/ha	1500
Rhizobium + PSB culture	Rs. 100/ha	100
field day/publicity material/visit of scientists/staff	Rs. 800/ha	800
Total		9000

F. INTERCROPPING DEMONSTRATION: Arhar + Maize & Moong/Urd + Maize

Activity / Particular	Unit Cost	Cost Norms or Rate of Assistance (Rs./ha)
Seed (Moong, Urd/Maize @ 15 kg/ha) (Arhar @ 4 kg/ha)Including seed treatment		4000
Fertilizer (N : P : K) (20:50:20)		To be arranged by farmers themselves
Biofertilizer as green manure seed,PSB,Azetobactor,Potash Mobilizer Or NPK Consortia,Zn Mobilizer,Mycorrhiza as per recommendation by SAU/KVK	-	1400
Weedicide / Weed Management	Rs. 700/ha	1200
Integrated Pest Management including bio-pesticides, pesticides, pheromone traps etc.	Rs. 1000/ha	1500
Rhizobium + PSB culture	Rs. 100/ha	100
field day/publicity material/visit of scientists/staff	Rs. 800/ha	800
Total		9000

Note: Any amount saved in any above mentioned component can be utilized in other components but not exceeding to upper limit of Rs. 9000/ha.