

# NATIONAL FOOD SECURITY MISSION-JHARKHAND



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# NEED FOOD SECURITY MISSION ?

- **The growth in food grain production has stagnated during recent past while the consumption need of the growing population is increasing.**
- **To meet the growing foodgrain demand, National Development Council in its 53rd meeting adopted a resolution to enhance the production of rice, wheat and pulses by 10, 8 and 2 million tons respectively by 2011.**
- **The proposed Centrally Sponsored Scheme 'National Food Security Mission (NFSM) is to operationalize the resolution of NDC and enhance the production of rice, wheat and pulses.**

# KEY FEATURES OF NFSM

- **The scheme to be implemented in a mission mode through a farmer centric approach**
- **All the Stakeholders to be actively associated at the District levels for achieving the set goal.**
- **The scheme aims to target the select districts by making available the improved technologies to the farmers through a series of planned interventions.**
- **A close monitoring mechanism proposed to ensure that interventions reach to the targeted beneficiaries.**

# OBJECTIVES OF THE MISSION

- Increasing production of rice, wheat and pulses through area expansion and productivity enhancement in a sustainable manner;
- Restoring soil fertility and productivity at individual farm level;
- Enhancing farm level economy (i.e. farm profits) to restore confidence of farmers of targeted districts

# STRATEGY

**1.Expansion of area of Pulses and Wheat, No expansion of area in rice**

**2.Bridging the yield gap between the potential and the present level of productivity through**

➤ **Acceleration of seed production**

➤ **Integrated Nutrient Management and Integrated Pest Management**

➤ **Promotion of new production technologies like hybrid rice, timely planting of wheat and promotion of new improved variety of Pulses**

➤ **Supply of input ensuring their timely availability**

➤ **Farmers Training and Visits**

# STRUCTURE OF MISSION



# COMPONENTS OF NFSM - RICE

- **Demonstration of improved technology including hybrid and System of Rice Intensification (SRI)**
- **Incentive for quality seeds of HYVs/hybrids**
- **Popularization of new varieties through seed mini kits**
- **Promotion of micro nutrients, lime and gypsum**
- **Promotion of mechanical weeders and other farm implements**
- **Integrated pest management**
- **Extension, training and mass media campaign**
- **Awards for best performing district in each State.**
- **Assistance for innovative interventions at local level**

# FLOW OF FUND

- Funds for the Mission's programmes to be directly released to the State Food Security Mission (SFSM) agency after approval by the National Executive Committee.
- State Mission agency would ensure implementation of the programmes, in a time-bound manner and would make available funds to the District level implementing agency in accordance with their approved programmes.
- Funds would be released in installments based on progress reports and furnishing of utilization certificates

# MONITORING MECHANISM

- The NFSM will be monitored by National, State and District Executive Committees
- The Project Management Team would be constituted at District, State and national level to assist in the monitoring and implementation of the programme.
- Mission Director at National and State level will be assisted by Project Management Team in implementation and monitoring.
- The Department of Economics and Statistics to be involved in data collection for monitoring and impact evaluation.

# District Level Action Plans

- \* The annual action plan to be prepared by District Food Security Mission Executive Committee (DFSMEC) headed by Collector
- \* A baseline survey to be conducted by District agency to record current levels of production.
- \* The annual action plan for the district to be based on potential and available technology.
- \* State level action plan to be prepared based on district level action plan.
- \* DFSMEC to identify new initiative other than approved interventions as per needs and requirement of agroclimatic conditions
- \* For selection of beneficiaries Panchayat Raj institutions to be associated at village level

# AREA OF OPERATION

**NFSM – Rice: Total States:12**

**Andhra Pradesh, Assam, Bihar, Chattisgarh, **Jharkhand**, Karnataka, Madhya Pradesh, Maharashtra, Orissa, Tamil Nadu, Uttar Pradesh and West Bengal.**

**Total identified districts: 133**

**Total States under NFSM: 16**

**Total identified districts under NFSM: 305**

# Evaluation

- **Concurrent evaluation will be done every year. The State Department of Economics and Statistics to be responsible for conducting this evaluation**
- **In the 3<sup>rd</sup> year, a mid-term evaluation at the National Level will be undertaken through an independent agency**
- **An Impact Evaluation Study at the National Level will also be undertaken through an independent agency after the 5<sup>th</sup> year of implementation**
- **Information communication technology will be used for monitoring and evaluation of the Mission.**

# Training of Farmers

- **Location and the list of beneficiaries for Farmers' Field School to be approved by DSFMEC.**
- **There will be a season long training of the farmers in their fields for a single day in a week.**
- **Demonstration plots/fields of the programme will be used as training points in FFS.**
- **There will be one FFS for every 1000 ha of area. Two Facilitators from SAUs / Government of India and ICAR Institutes, will run each FFS.**
- **The number of farmers will be limited to 30 only for each FFS.**

# NATIONAL FOOD SECURITY MISSION (NFSM)

S No.	District	Area (000 'ha)	Production (000 ton)	Productivity (t / Ha)
1	Ranchi	195.676	391.352	2.006
2	Simdega	800.00	155.576	1.830
3	Gumla	176.000	292.325	1.925
4	Hazaribagh	930.76	210.430	2.261
5.	West Singhbhum	160.848	239.502	1.489



DISTRICTS SELECTED : RANCHI, HAZARIBAGH,  
GUMLA, SIMDEGA & WEST SINGHBHUM

## Objectives :

- ➔ Increasing production of rice through area expansion and productivity enhancement in a sustainable manner in the identified districts of the country.
- ➔ Restoring soil fertility and productivity at the individual farm level.
- ➔ Creation of employment opportunities
- ➔ Increasing farmer profits to restore confidence amongst the farmers.

## Strategies :

- Implementation in a mission mode through active engagement of all the stakeholders at district level viz. district level officials, Scientists of KVK, NGO and progressive farmers identified through ATMA.
- Promotion and extension of improved technologies i.e. Seed, Integrated Nutrient Management including micronutrients, soil amendments, IPM and resource conservation technologies along with capacity building of farmers through ATMA like institution at district level.

# SUMMARY OF ACTION PLAN (PHYSICAL)

S No.	Interventions	Unit	Target
1.	Demonstrations	750 ha	750 ha
2.	Increase in SRR	6750 ha	6750 ha
3.	INM/ IPM	256 no	256 no
4.	Conoweeders	16 nos	16 nos
5.	Drum Seeder	75 nos	75 nos
6.	Rotavators	15 nos	15 nos
7.	PowerTiller	15 nos	15 nos
8.	Peddler	16 nos	16 nos
9.	Rotary Breeder	16 nos	16 nos
10.	Pumpsets	390 nos	390 nos
11.	Sprinkler sets		
12.	FFS Training	194 nos	194 nos
13.	Miscellaneous	--	--

# SUMMARY OF ACTION PLAN (FINANCIAL)

S No.	Activity	Balance as on 01.04.2007	Outlay as per action plan (2007-08)	Percentage of Total
1.	Demonstrations		496.25	64.10%
2.	Increase in SRR	--	70.6	9.13 %
3.	INM/ IPM	--	17.49	2.25 %
4.	Conoweeders	--	1.44	0.18 %
5.	Drum Seeder	--	2.25	0.29 %
6.	Rotavators	--	9.02	1.16 %
7.	PowerTiller	--	18.00	2.32 %
8.	Peddler	--	1.6	0.20 %
9.	Rotary Breeder	--	2.4	0.31 %
10.	Pumpsets	--	58.5	7.57 %
11.	Sprinkler sets	---	--	--
12.	FFS Training	--	33.66	4.35 %
13.	Miscellaneous	--	62.95	8.14 %
	<b>Total</b>	--	<b>774.16</b>	<b>100 %</b>

## Summary of District Wise Financial Action Plan

S No.	Activity	Ranchi	Simdega	Hazaribagh	Gumla	West Singhbhum
1.	Demonstrations	67.5	100.00	26.25	202.50	100.00
2.	Increase in SRR	3.85	24.75	8.25	9.00	24.75
3.	IPM+INM	2.24	3.225	1.18	7.62	3.225
4.	Conoweeders	0.18	0.27	0.18	0.54	0.27
5.	Drum Seeder	0.30	0.45	0.15	0.90	0.45
6.	Rotavators	1.20	1.80	0.60	3.60	1.82
7.	PowerTiller	2.40	3.60	1.20	7.20	3.60
8.	Peddler	0.20	0.30	0.20	0.60	0.30
9.	Rotary Breeder	0.30	0.45	0.30	0.90	0.45
10.	Pumpsets	7.50	11.25	4.50	24.00	11.25
11.	Sprinkler sets	--	---	--	--	--
12.	FFS Training	4.42	6.80	3.40	13.26	5.78
13.	Miscellaneous	10.00	14.10	5.45	19.80	13.60
	<b>Total</b>	<b>100.09</b>	<b>166.995</b>	<b>51.66</b>	<b>289.92</b>	<b>165.495</b>



Thank you