

National Food Security Mission (NFSM)

EMPTY PAGE

NATIONAL FOOD SECURITY MISSION (NFSM)

The National Food Security Mission scheme launched by Government of India during 11th plan and continued in 12th plan. Under National Food Security Mission Government of India has envisaged certain objectives during the 12th Plan. Coarse Cereals including maize and commercial crops based cropping systems (Cotton, Jute and Sugarcane) is part of NFSM from 2014-15.

Action for 2017-18 under NFSM:

S.NO	NAME OF THE SCHEME	FINANCIAL ALLOCATION (IN LAKHS)
		2016-17
1	NFSM-Rice	2100.80
2	NFSM-Pulses	6341.67
3	NFSM-Coarse Cereals	366.67
4	NFSM-Cotton	41.33
5	NFSM-Mesta	91.82
6	NFSM-Sugarcane	20.18
Total		8962.47

Salient features of NFSM:

1. Conducting of large scale cluster demonstrations with high production technologies for yield enhancement & cost reduction.
2. Encouraging bio-agents, bio-pesticides & bio-fertilizers.
3. Supply of farm equipment on subsidy basis.
4. For effective utilization of limited water resources, supply of water saving devices on subsidy like oil engines, water carrying pipes & sprinklers.
5. Supply of mini dal mills on subsidy for increasing value addition in pulse crop.
6. Cluster Demonstrations are organized by providing input subsidy with a financial allocation of Rs.7500/ha under NFSM- Rice, NFSM- Pulses & Rs.5000/ha under NFSM-Coarse cereals.
Cropping System Based Demonstrations are organized in Rice & Pulses by providing input subsidy with a financial allocation of Rs.12500/ha for two seasons



Highlights of 2016-17 over 2015-16.

- ★ Popularization of Direct Sowing/Drum seeding/SMSRI in 4.9 lakh ha.
- ★ Popularization of IPM-02-14 (Green gram), IPU-02-43 (Black gram) and Jaki 9218 (Bengal gram) through mini kits.
- ★ Popularization of redgram on rice and commercial crop bunds in one lakh ha during kharif 2016-17.

- ★ Popularization of red gram as inter crop with Ground nut, Cotton, Black gram/ Green gram and millets.
- ★ To increase location specific profitable cropping sequence, double crop sequences under rain fed conditions in Kharif like Millets, Black gram and Green gram followed by Bengal gram, Korra followed by Bengal gram etc. to increase cropping intensity.
- ★ Introduction of new varieties suitable for problematic soils.

Summer Pulse:

During summer 2016-17 to increase pulse area GOI has allocated Rs. 2500 lakhs. It is proposed to cover 2 lakh ha as additional area under Pulses during summer 2016-17 in the state but due to late harvest of Rabi crop and insufficient moisture the area targeted could not be achieved. And it is planned to cover an area of 2.00 lakh ha during 2017-18.



Redgram on Rice bunds

Coarse Cereals:

- ★ To increase the area, production & consumption of millets “a Comprehensive Revival of millets Programme” has been initiated during 2015-16 in 45 mandals of which 16 are tribal mandals of Srikakulam, Vizianagaram, Visakhapatnam & East Godavari districts and the remaining 29 mandals are drought mandals of Ananthapur, Chittoor & Kurnool districts.
- ★ It is proposed to develop Farmer Producing Organizations in 45 mandals where the Comprehensive Revival of millets Programme is being implemented with special focus on millets and also other crops grown in the mandals.
- ★ The Comprehensive Revival of Millets Programme is targeted to increase the area & productivity through capacity Building, On Farm Demonstrations & House Hold Consumption.
- ★ It is also targeted to increase the consumption in urban areas creating awareness by organizing millet exhibitions & food camps. The scheme will be continued for 5 years to achieve the targeted goals on sustainable manner.



Finger Millet



Bajra



Fox Tail millet

Action Plan for Implementation of National Food Security Mission (NFSM) -Coarse Cereals during 2017-18.

Sl. No.	Interventions	Approved rate of Assistance	Unit	Proposed Targets 2017-18	
				Phy.	Fin.
1	a) Demonstrations on Improved Package	Rs. 5000 per Ha	Ha	4050	202.5
2	Distribution of certified seeds:				
	(a) HYV Seeds	Rs. 1500 per Qtl.	Qtl.	3241	48.62
	(b) Hybrid Seeds	Rs. 5000 per Qtl.	Qtl.	2311	115.55
TOTAL COARSE CEREALS				9602	366.67

Action Plan for Implementation of National Food Security Mission- Commercial Crops during 2017-18

State: Andhra Pradesh		(Financial Rupees in lakhs)			
Sl. No.	Interventions	Approved rate of Assistance	Unit	Target Proposed 2017-18	
				Phy.	Fin.
Crop: Sugarcane					
1	Demonstration on intercropping and single bud chip technology with sugarcane	Rs. 8000 per Ha (Rs. 7000 for inputs and Rs.1000 for contingency.)	Ha.	252	20.18
Total (Sugarcane)					20.18

Crop: Cotton					
1	Frontline Demonstration (FLD) on Integrated Crop Management (ICM)	Rs. 7000 per Ha (Rs. 6000 for inputs and Rs.1000 for contingency.)	Ha.	280	19.6
2	FLD on Desi and ELS Cotton/ELS Cotton Seed Production.	Rs. 8000 per Ha (Rs. 7000 for inputs and Rs.1000 for contingency.)	Ha.	121	9.68
3	FLD on Intercropping	Rs. 7000 per Ha (Rs. 6000 for inputs and Rs.1000 for contingency.)	Ha.	100	7.00
4	Local initiatives(Capacity building/Publicity for management of Pink bollworm on cotton)	Rs. 8000 per Ha (Rs. 7000 for inputs and Rs.1000 for contingency.)	Ha.		5.05
Total Cotton (items 1 to 4)				501	41.33
Total (Cotton)					41.33

Crop: Mesta					
1	Seed Village Programme and Production of seed in Government Farm	Rs. 5500 per Qtl.of certified seed produced.	Qtl.	142	7.81
2	FLDs on Production technologies	Rs. 8000 per Ha (Rs. 7000 for inputs and Rs.1000 for contingency.)	Ha.	579	46.32
3	FLDs on Intercropping	Rs. 8000 per Ha (Rs. 7000 for inputs and Rs.1000 for contingency.)	Ha.	425	34.00
4	FLDs based on Cropping System	Rs. 13000 per Ha (Rs. 8000 for 1st crop and Rs.5000 for 2nd crop.)	Ha.	13	1.69
5	State Level Training	Rs. 40000 per Training	Nos.	5	2.00
Total Mesta (items 1 to 5)				1164	91.82
Total (Mesta)					91.82

Action Plan for Implementation of National Food Security Mission- Pulses (NFSM-PULSES) during 2017-18

State:	ANDHRA PRADESH		No. of Districts: 13		(Financial Rupees in lakhs)	
Sl.No.	Interventions	Approved rate of Assistance	Unit	Proposed Targets 2017-18		
				Phy.	Fin.	
1	Demonstrations on Improved Technology					
	(a) Cluster demonstrartions of 100 ha each					
		Arhar (Red gram)	Rs. 7500 per Ha.	Ha.	3000	225.00
		Gram (Bengal gram)	Rs. 7500 per Ha.	Ha.	6500	487.50
		Urd (Black gram)	Rs. 7500 per Ha.	Ha.	4800	360.00
		Moong (Green gram)	Rs. 7500 per Ha.	Ha.	3100	232.50
		Horse gram	Rs. 7500 per Ha.	Ha.	200	15.00
		Rajma	Rs. 7500 per Ha.	Ha.	100	7.50
		Sub Total (a)			17700	1327.50
		(b) Demonstration on Intercropping	Rs. 7500 per Ha.	Ha.	0	0.00
		(c) Cropping system based demonstrations				
		(i) Rice-Maize - summer pulses	Rs. 12500 per Ha.	Ha.	1600	200.00
		(ii) Korra - Bengal gram	Rs. 12500 per Ha.	Ha.	1000	125.00
		(iii) Redgram - Korra	Rs. 12500 per Ha.	Ha.	400	50.000
		(iv) Green gram - Bengal gram	Rs. 12500 per Ha.	Ha.	1000	125.00
		Sub Total (c)			4000	500.00
		Sub Total 1			21700	1827.50
2	Distribution of certified seeds:					
		Arhar (Red gram)	Rs. 2500 per Qtl.	Qtl.	9000	225.00
		Gram (Bengal gram)	Rs. 2500 per Qtl.	Qtl.	11000	275.00
		Urd (Black gram)	Rs. 2500 per Qtl.	Qtl.	12400	310.00
		Moong (Green gram)	Rs. 2500 per Qtl.	Qtl.	8000	200.00
	Sub Total 2			40400	1010.00	
2A	Assistance for Seed Production					
		Arhar (Red gram)	Rs. 2500 per Qtl.	Qtl.	7000	175
		Gram (Bengal gram)	Rs. 2500 per Qtl.	Qtl.	10000	250
		Urd (Black gram)	Rs. 2500 per Qtl.	Qtl.	9000	225
		Moong (Green gram)	Rs. 2500 per Qtl.	Qtl.	8000	200
	Sub Total 2A			34000	850.00	
3	Integrated Nutrient Management:					
		(a) Micronutrients	Rs. 500 per Ha or 50% whichever is less	Ha.	0	0.00
		(b) Gypsum/ 80% WG Sulphur	Rs. 750 per Ha or 50% whichever is less.	Ha.	0	0.00
		(c) Lime	Rs. 1000 per Ha or 50% whichever is less		0	0.00
		(d) Bio fertilisers	Rs. 300 per Ha or 50% whichever is less.	Ha.	65200	195.6
	Sub Total INM 3(a) to 3(d)			65200	195.60	
4	Integrated Pest Management:					
		(a) Distribution of PP Chemicals/Neem Oil	Rs. 500 per Ha or 50% whichever is less	Ha.	96100	480.50
		(b) Weedicides.	Rs. 500 per Ha or 50% whichever is less	Ha.	50000	250.00
	Sub Total IPM 4(a) to 4(b)			146100	730.50	
	Sub Total 3 to 4 (INM + IPM)			211300	926.10	
5	Resource Conservation Technologies/Tools:					
	A. Under NFSM					
		(a) Manual Sprayers	Rs. 600 per unit or 50% whichever is less.	Nos.	1000	6.00
		(b) Power Kapsack Sprayers	Rs. 3000 per unit or 50% whichever is less.	Nos.	2000	60.00
		(c) Zero Till Seed Drill	Rs. 15000 per unit or 50% whichever is less.	Nos.	300	45.00
		(d) Multi Crop Planters	Rs. 15000 per unit or 50% whichever is less.	Nos.	300	45.00
		(e) Seed drills	Rs. 15000 per unit or 50% whichever is less.	Nos.	500	75.00
		(f) Zero Till Multi Crop Planters	Rs. 15000 per unit or 50% whichever is less.	Nos.	200	30.00
		(g) Ridge Furrow Planters	Rs. 15000 per unit or 50% whichever is less.	Nos.	200	30.00
		(g) Rotavators	Rs. 35000 per unit or 50% whichever is less.	Nos.	300	105.00
		(i) Multi Crop Threshers	Rs. 40000 per unit or 50% whichever is less.	Nos.	200	80.00
		Sub Total Machinerries 5A (5(a)+ 5(i))			5000	476.00
	B. Other Machinery approved by SMAM.		As per the Guidelines of SMAM.		0	0.00
	Sub Total 5A + 5B			5000	476.00	

State:	ANDHRA PRADESH	No. of Districts: 13	(Financial Rupees in lakhs)		
Sl.No.	Interventions	Approved rate of Assistance	Unit	Proposed Targets 2017-18	
				Phy.	Fin.
6	Efficient Water Application Tools:				
	(a) Sprinkler Set	Rs.10000/ha or 50% of the cost whichever is less	Nos.	0	0.00
	(b) Pumpsets	Rs.10000 per unit or 50% of the cost whichever is less	Nos.	2600	260
	(c) Pipes for Carrying water from source to the field.	50% of the cost limited to Rs.50/- per meter for HDPE pipes: Rs. 35 per meter for PVC Pipes and Rs. 20/- per meter for HDPE laminated woven lay flat tubes with max. ceiling of RS. 15000/- per farmer/beneficiary for water carrying pipes.	Mtr.	400200	200.1
	(d) Mobile Rain Guns	Rs. 15000 per unit or 50% whichever is less.	Nos.	0	0.00
	SubTotal 6(a) to 6(d)			402800	460.1
	Sub Total 5 to 6			407800	936.10
7	Cropping System Based Trainings	Rs. 14000 per training (4 sessions @ Rs3500 per session)	Nos.	442	61.880
Total Need Based Inputs (Items 2 to 7)				693942	3784.08
MISCELLANEOUS EXPENSES					
8	Project management team & other Miscellaneous Expenses at District Level	Rs. 10 lakhs per district	District		157
9	Project management team & other Miscellaneous Expenses at State Level	Rs. 17 lakhs			17
10	Local Initiatives:				
	(a) Redgram on field bunds	Rs.700 per ha	Ha.	32300	226.10
	(b) Water conservation furrows/Soil Moisture indicators	Rs.250 per ha	Ha.	3994	9.99
	(c) Mini dal mills	Rs. 100000 per unit or 50% whichever is less.	Nos.	320	320.00
					556.09
Total NFSM Pulses				715642	6341.67

Action Plan for Implementation of National Food Security Mission- Rice (NFSM-RICE) during 2017-18

State:	ANDHRA PRADESH	No. of Districts: 5	(Financial Rupees in lakhs)		
Sl.No.	Interventions	Approved rate of Assistance	Unit	Proposed Target 2017-18	
				Phy.	Fin.
1	Cluster Demonstrations by the state department of Agriculture with technical backstopping of ICAR/SAUs/IRRI (One Cluster of 100 ha.)				
	(a) Direct Seeded Rice/Line Transplanting/SRI (One Cluster of 100 ha) Target 1.5 % of area of district)				
	(i) Cluster demonstration on direct seeded rice.	Rs. 7500 per Ha.	Ha.	5400	405.00
	(ii) Cluster demonstration on Line Transplanting in Rice	Rs. 7500 per Ha.	Ha.	1200	90.00
	(iii) Cluster demonstration on SRI	Rs. 7500 per Ha.	Ha.	400	30.00
	(iv) Demonstrations on Pigeon pea planting on farm bunds	Rs. 7500 per Ha.	Ha.	0	0.00
	Sub Total (a)			7000	525.00
	(b) Demonstartions on Hybrid Rice One cluster of 100 ha	Rs. 7500 per Ha.	Ha.	0	0.00
	(c) Demonstrations on MTU 1061/ MTU 1064/MTU 1075 of 100 ha each	Rs. 7500 per Ha.	Ha.	700	52.50
	(d) Cropping system based demonstrations				
	Rice-Rice-Pulse	Rs. 12500 per Ha.	Ha.	1400	175.00
	Rice- Maize - Pulse	Rs. 12500 per Ha.	Ha.	400	50.00
	Blackgram/Greengram-Rice	Rs. 12500 per Ha.	Ha.	300	37.50
	Sub Total (d)			2100	262.50
Sub Total 1(a) to 1(d)			9800	840.00	
2	Seed Distribution:				
	a) Hybrid Seeds	Rs. 5000 per Qtl.	Qtl.	0	0.00
	b) HYVs Seeds	Rs. 1000 per Qtl.	Qtl.	45000	450.00
	Sub Total 2(a) to 2(b)			45000	450.00
3	Plant and Soil Protection Management				
	(a) Micronutrients	Rs. 500 per Ha.	Ha.	0	0.00
	(b) Liming in Acidic soils	Rs. 1000 per Ha.	Ha.	0	0.00
	(c) Plant protection chemicals and bio-agents	Rs. 500 per Ha.	Ha.	24200	121.00
	(d) Weedicides	Rs. 500 per Ha.	Ha.	13000	65.00
	Sub Total 3(a) to 3(d)			37200	186.00
4	Resource Conservation Technologies/Tools:				
4A	Under NFSM				
	(a) Conoweeder	Rs. 600 per unit or 50% whichever is less.	Nos.	0	0.00
	(b) Manual Sprayers	Rs. 600 per unit or 50% whichever is less.	Nos.	400	2.40
	(c) Power Sprayers	Rs. 3000 per unit or 50% whichever is less.	Nos.	300	9.00
	(d) Seed Drill	Rs. 15000 per unit or 50% whichever is less.	Nos.	150	22.50
	(e) Multi Crop Planters	Rs. 15000 per unit or 50% whichever is less.	Nos.	100	15.00
	(f) Power weeder	Rs. 15000 per unit or 50% whichever is less.	Nos.	0	0.00
	(g) Zero Till Multi Crop Planters	Rs. 15000 per unit or 50% whichever is less.	Nos.	0	0.00
	(h) Drum Seeder	Rs. 1500 per unit or 50% whichever is less.	Nos.	200	3.00
	(i) Rotavotors	Rs. 35000 per unit or 50% whichever is less.	Nos.	150	52.50
	(j) Laser Guided Land leveller	Rs. 150000 per unit or 50% whichever is less.	Nos.	0	0.00
	(k) Paddy Thresher/Multicrop thresher	Rs. 40000 per unit or 50% whichever is less.	Nos.	200	80.00
	(l) Self propelled Paddy Transplanter	Rs. 75000 per unit or 50% whichever is less.	Nos.	0	0.00
	Sub Total 4(a) to 4(l)			1500	184.40
4B	Other Machinery approved by SMAM				
	(i) Rice Straw reaper	As per SMAM guidelines. Rs. 63000 per unit or 50% whichever is less.		0	0.00
	Sub Total 4B			0	0.00
	Total 4A + 4B			1500	184.40

State:	ANDHRA PRADESH	No. of Districts: 5	(Financial Rupees in lakhs)		
Sl.No.	Interventions	Approved rate of Assistance	Unit	Proposed Target 2017-18	
				Phy.	Fin.
	Efficient Water Application Tools:				
	(a) Pumpsets	Rs.10000 per unit.	Nos.	1000	100.00
5	(b) Water Carrying pipes.	50% of the cost limited to Rs.50/- per meter for HDPE pipes: Rs. 35 per meter for PVC Pipes and Rs. 20/- per meter for HDPE laminated woven lay flat tubes with max. ceiling of RS. 15000/- per farmer/beneficiary for water carrying pipes.	Mtr.	224300	112.15
	Sub Total 5(a) + 5(b)			225300	212.15
6	Cropping System Based Trainings	Rs. 14000 per training (4 sessions @ Rs3500 per session)	Nos.	150	21.00
	MISCELLANEOUS EXPENSES			0	
7	a) Project management team & other Miscellaneous Expenses at District Level	Rs. 10 lakhs per district	District	0	0.00
	(b) Project management team & other Miscellaneous Expenses at State Level	Rs. 17 lakhs per district		0	0.00
	Total Miscellaneous expenses			0	0.00
8	Local Initiatives:(Green Manures)				
	(a) Dhaincha	Rs.2000/- per Qtl.	Qtl.	2100	42.00
	(b) Sunhemp	Rs.2795/- per Qtl.	Qtl.	2200	61.49
	(c) Pillipesara	Rs.5700/- per Qtl.	Qtl.	1700	96.90
	Sub total 8a to 8c			6000	200.39
9	Other Initiatives:				
	Leaf Colour Charts	Rs.108/- per LCC	Ha.	6350	6.86
	Total for Initiatives(8+9)			12350	207.25
	TOTAL NFSM Rice			324950	2100.80