

F. No. CPS 2-24/2015-NFSM  
Government of India  
Ministry of Agriculture  
Department of Agriculture & Cooperation  
(Crops Division)

Krishi Bhawan, New Delhi

Dated: 24<sup>th</sup> June, 2015

To,

The Director of Agriculture  
Govt. of Tamil Nadu,  
Chepauk, Chennai-5

**Subject:** Implementation of Centrally Sponsored Scheme on "National Food Security Mission (NFSM)" **Approval for Action Plan of NFSM for the year 2015-16 – reg.**

Sir,

In continuation of this Department's letter No. CPS 2-1/2015-/NFSM dated 9<sup>th</sup> April, 2015 and reference to your letter No. GOI-2/136018/2014 dated 24.04.2015 and subsequent letter of even number sent through e mail on 23.06.2015 forwarding therewith the Action Plan of NFSM for the year 2015-16, for an amount of **Rs. 6535 lakh**, I am directed to convey the approval of competent authority for implementation of NFSM in the State of Tamil Nadu with total outlay of **Rs. 6535 lakh** for the year 2015-16, shared between Government of India and State Government at in 50:50 ratio with **Rs. 3267.5 lakh** as central share and **Rs.3267.5 lakhs** as State Share. Thus the total outlay for the State of Tamil Nadu comes to **Rs. 6535 lakh** comprising to **Rs. 3011 lakh** under NFSM-Rice, **Rs. 3020 lakh** under NFSM-Pulses and **Rs. 504 lakh** under NFSM-Coarse Cereals respectively during 2015-16. The intervention-wise physical targets and financial outlays as approved by GoI under NFSM is indicated in the enclosed **Annexure-I to III**.

2. The State shall implement the Action Plan as per norms of NFSM guidelines. The varieties of seeds of Rice, Wheat, Pulses and Coarse Cereals used shall not be more than 10 years old. State may also submit Quarterly Progress Report of Physical and Financial achievements to this Ministry on regular basis.

Encl: As above.

Yours faithfully,

  
(Dr. D.P. Malik)

Addl. Commissioner (Crops)

**Distribution:**

1. Principal Secretary (Agriculture) Govt. of Tamil Nadu, Chennai
2. Mission Director (NFSM), Deptt. of Agriculture, Govt. of Tamil Nadu, Chennai
3. Director, All Commodity Development Directorates
4. PPS to Joint Secretary (Crops)/Director (Crops)
5. Addl. Commissioner (Crops)/JD (BGREI)/AD(Crops)
6. All National Consultants
7. US, CA-V/Section Officer (NFSM),CA-V/Programmer (NFSM)
8. File No. CPS 2-1/2015-NFSM
9. Guard file

**ACTION PLAN FOR IMPLEMENTATION OF NATIONAL FOOD SECURITY MISSION  
(NFSM-RICE) DURING 2015-16**

Annexure-I

State: Tamil Nadu

No. Of Districts =8

(Financial Rupees in lakh)

S.No.	Interventions	Approved Rate of assistance	Unit	Tragetts Proposed by States		Tragetts Approved by GoI	
				Physical	Financial	Physical	Financial
1	2	3	4	5	6	7	8
1	<b>Cluster Demonstrations by State Department of Agriculture with the technical backstopping of ICAR/SAUs/IRRI (One Cluster of 100 ha)</b>						
	<b>(a) Direct Seeded Rice/Line Transplanting/SRI (Target 1.5% of area of District)</b>						
	(i) Cluster Demonstrations on Direct Seed Rice	Rs 7500/-per Ha	Ha	51815	2590.750	51815	2590.750
	(ii) Cluster Demonstrations on Line Transplanting	Rs 7500/-per Ha	Ha	5404	270.200	5404	270.200
	(iii) Cluster Demonstrations on SRI	Rs 7500/-per Ha	Ha	0	0.000	0	0.000
	(iv) Demonstration of pigeonpea planting on farm bunds	Rs 7500/-per Ha	Ha	0	0.000	0	0.000
	<b>Sub Total (a)</b>		Ha	<b>57219</b>	<b>2860.950</b>	<b>57219</b>	<b>2860.950</b>
	<b>(b) Cluster Demonstrations on Hybrid Rice (One Cluster of 100 Ha) Target 0.5% of Area of District</b>	Rs 7500/-per Ha	Ha	0	0.000		0.000
	<b>(c) Demonstrations on Swarna Sub-1/Sahbhagi Dhan of 100 ha each</b>	Rs 7500/-per Ha	Ha	0	0.000		0.000
	<b>(d) Cropping System based Demonstrations</b>	Rs 12500/-per Ha	Ha	0	0.000		0.000
	<b>Total Demonstrations [1 (a) to 1 (d)]</b>		Ha	<b>57219</b>	<b>2860.950</b>	<b>57219</b>	<b>2860.950</b>
2	<b>Seed Distribution:</b>						
	(a) Hybrid Rice Seed	Rs 5000/q or 50% of cost whichever is less	Qtls	0	0.000		0.000
	(b) HYVs Seeds	Rs 1000/q or 50% of cost whichever is less	Qtls	15005	150.050	15005	150.0500
	<b>Total Seed (2(a) &amp; 2 (b))</b>			<b>15005</b>	<b>150.050</b>	<b>15005</b>	<b>150.050</b>
3	<b>Soil and Plant Protection Management:</b>						
	<b>(a) Soil Management:</b>						
	(i) Micronutrients	Rs 500/ha or 50% of the cost whichever less	Ha	0	0.000		0.000
	(ii) Liming in Acidic Soils	Rs 1000/ha or 50% of the cost whichever less	Ha	0	0.000		0.000
	<b>SubTotal 3 (a)</b>			<b>0</b>	<b>0.000</b>		<b>0.000</b>
	<b>(b) Plant Protection Management</b>						
	(i) Plant Protection Chemicals & bio-agents	Rs 500/ha or 50% of the cost whichever less	Ha				0.000
	(ii) Weedicides	Rs 500/ha or 50% of the cost whichever less	Ha				0.000
	<b>Sub total 3 (b)</b>			<b>0</b>	<b>0.000</b>		<b>0.000</b>
	<b>Sub Total 3 (a) to 3 (b)</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
4	<b>Resource Conservation Techniques/Tools:</b>						
A	<b>Under NFSM</b>						
	(a) Conoweeders	Rs 600/unit or 50% of the cost whichever less	Nos.				0.000
	(b) Manual Sprayers	Rs 600/unit or 50% of the cost whichever less	Nos.				0.000
	(c) Power Sprayers	Rs 3000/unit or 50% of the cost whichever less	Nos.				0.000
	(d) Seed Drills	Rs 15000/unit or 50% of the cost whichever less	Nos.				0.000
	(e) Multi Crop Planters	Rs 15000/unit or 50% of the cost whichever less	Nos.				0.000
	(f) Power Weeders	Rs 15000/unit or 50% of the cost whichever less	Nos.				0.000
	(g) Zero Till Multi Crop Planters	Rs 15000/unit or 50% of the cost whichever less	Nos.				0.000
	(h) Drum Seeders	Rs 1500/unit or 50% of the cost whichever less	Nos.				0.000
	(i) Rotavators/Turbo Seeder	Rs 35000/unit or 50% of the cost whichever less	Nos.				0.000
	(j) Laser Land Levelers	Rs 150000/unit or 50% of the cost whichever less	Nos.				0.000
	(K) Paddy Threshers/Multi Crop Threshers	Rs 40000/unit or 50% of the cost whichever less	Nos.				0.000
	(L) Self Propelled Paddy Transplanters	Rs 75000/unit or 50% of the cost whichever less	Nos.				0.000
	<b>Total Machinery (item 4 (a) to 4 (l))</b>			<b>0</b>	<b>0.000</b>	<b>0</b>	<b>0.000</b>
B	<b>Other machinery approved by SMAM (Sub Mission of Agricultural Mechanisation)</b>	As per the guidelines of SMAM					
	(i)		Nos.	0	0	0	0
	(ii)		Nos.	0	0	0	0
	<b>Total 4 (b)</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Total 4(a) to 4 (b)</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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29/6/15

Action Plan of NFSM-Rice, 2015-16 (contd.)

State:

(Financial Rupees in lakh)

S.No.	Interventions	Approved Rate of assistance	Unit	Tragets Proposed by States		Tragets Approved by Gol	
				Physical	Financial	Physical	Financial
1	2	3	4	5	6	7	8
5	<b>Water Application Tools:</b>						
	(a) Incentive for Pump Sets	Rs 10000/unit or 50% of the cost whichever less	Nos.				0.000
	(b) Water Carrying Pipes	Rs. 25/ per meter or 50% of cost whichever is less with maximum limit of 600 meters costing Rs. 15000/-	Mtr.				0.000
	<b>Sub Total 7 (a) to 7(b)</b>				0.000		0.000
6	<b>Cropping System based trainings (Four Sessions i.e one before Kharif, One each during kharif and rabi crops and one after rabi harvest)</b>	Rs 3500/-Session Rs 14000/- Training	Nos.				0.000
	<b>Sub Total Need Based Inputs (Items 2 to 6)</b>						
7	<b>Miscellaneous Expenses</b>						
	(a) Project Management Team & Other Miscellaneous Expenses at District level				0.000		0.000
	(b) Project Management Team & Other Miscellaneous Expenses at State level				0.000		0.000
	<b>Sub Total Misc Expenses</b>				0.000		0.000
8	<b>Local Initiatives</b>						
	(i)			0	0.000	0	0.000
	(ii)			0	0.000	0	0.000
	<b>Total Local Initiatives</b>				0.000		0.000
9	<b>Other Initiatives</b>						
	(a) Demonstrations by NGOs	Rs. 8250/-ha	Ha		0.000		0.000
	(b) Assistance for Custom Hiring Centres	Rs. 1500/-ha	Ha		0.000		0.000
	(c) Specialized Projects				0.000		
	<b>Total for Other Initiatives</b>				0.000		0.000
	<b>Total NFSM-Rice</b>				3011.000		3011.000
	<b>Tentative Allocation given to State by Gol</b>					3011	

*[Signature]*  
24/6/15

**ACTION PLAN FOR IMPLEMENTATION OF NATIONAL FOOD SECURITY MISSION  
(NFSM-Pulses) DURING 2015-16**

State: Tamil Nadu

No. of Districts: 30

(Financial Rupees in lakh)

S.No.	Interventions	Approved Rate of assistance	Unit	Tragets Proposed by States		Tragets Approved by Gol	
				Physical	Financial	Physical	Financial
1	2	3	4	5	6	7	8
1	<b>Demonstrations on Improved Technologies:</b>						
	(a) Cluster Demonstrations -Red Gram (of 100 ha each)	Rs. 7500/- per ha	Ha	7000	280	7000	280.000
	(b) Cluster Demonstrations Black Gram (of 100 ha each)	Rs. 7500/- per ha	Ha	19050	762	19050	762.000
	(c) Cluster Demonstrations Green Gram (of 100 ha each)	Rs. 7500/- per ha	Ha	9700	388	9700	388.000
	<b>Sub Total Cluster demonstration</b>			<b>35750</b>	<b>1430</b>	<b>35750</b>	<b>1430.000</b>
	(C) Demonstration on intercropping	Rs. 7500/- per ha	Ha	0	0	0	0
	Intercropping with Cotton\$	Rs 7500/ ha	Ha	3800	285	3800	285.00
	Intercropping with Groundnut\$	Rs.7500/ ha	Ha	3800	285	3800	285.00
	<b>Sub Total of Demonstration on intercropping</b>			<b>7600</b>	<b>570</b>	<b>7600</b>	<b>570.00</b>
	<b>Sub Total cluster Demonstrations</b>			<b>43350</b>	<b>2000</b>	<b>43350</b>	<b>2000</b>
	(b) Cropping System Based Demonstrations						
	Millels followed by Pulses **	Rs. 12500		2500	200	2500	200
	<b>Sub Total of Cropping System based Demonstration</b>			<b>2500</b>	<b>200</b>	<b>2500</b>	<b>200</b>
	<b>Total Demonstrations</b>			<b>45850</b>	<b>2200</b>	<b>45850</b>	<b>2200</b>
	<b>Sub-Total 1 (a) and (c)</b>		Ha				
2	<b>Distribution of HYVs Seeds</b>	Rs. 2500/q or 50% of cost whichever less	Qtns.	20000	500.000	20000	500.000
3	<b>Integrated Nutrient Management:</b>						
	(a) Micro-nutrients	Rs. 500/ ha or 50% of cost whichever less	Ha	0	0.000		0.000
	(b) Gypsum/80% WG Sulphur	Rs. 750/ha or 50% of cost whichever less	Ha	0	0.000		0.000
	(c) Lime	Rs. 1000/ha or 50% of cost whichever less	Ha	0	0.000		0.000
	(d) Bio-Fertilisers	Rs. 300/ha or 50% of cost whichever less	Ha	0	0.000		0.000
	<b>Sub Total INM 3 (a) to (d)</b>		Ha	<b>0</b>	<b>0.000</b>	<b>0</b>	<b>0.000</b>
4	<b>Integrated Pest Management (IPM):</b>						
	(a) Distribution of PP Chemicals	Rs. 500/ha or 50% of cost whichever less	Ha	0	0.000		0.000
	(b) Weedicides	Rs. 500/ha or 50% of cost whichever less	Ha	0	0.000		0.000
	<b>Sub Total IPM 4 (a) to (b)</b>		Ha	<b>0</b>	<b>0.000</b>	<b>0</b>	<b>0.000</b>
5	<b>Resource Conservation Technologies/Tools:</b>						
A	<b>Under NFSM</b>						
	(a) Power Knap Sack Sprayers	Rs. 3000/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	(b) Manual Sprayers	Rs. 800/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	(c) Zero Till Seed Drills	Rs. 15000/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	(d) Multi-Crop Planters	Rs. 15000/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	(e) Seed Drills	Rs. 15000/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	(f) Zero Till Multi-Crop Planters	Rs. 15000/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	(g) Ridge Furrow Planters	Rs. 15000/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	(h) Rotavators	Rs. 35000/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	(i) Chiseller	Rs. 8000/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	(j) Laser Land Levellers	Rs. 1.5 lakh/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	(k) Tractor Mounted Sprayers	Rs. 10000/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	(l) Multi Crop Threshers	Rs. 40000/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	<b>Sub Total Machineries 5 (a) to (l)</b>		Nos.	<b>0</b>	<b>0.000</b>	<b>0.00</b>	<b>0.000</b>
B	<b>Other machinery approved by SMAM (Sub Mission of Agricultural Mechanisation)</b>	As per the guidelines of SMAM					
	(i)		Nos.	0	0	0	0
	(ii)		Nos.	0	0	0	0
	<b>Total 5 (b)</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Total 5(a) to 5 (b)</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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24/6/15

Action Plan of NFSM-Pulses, 2015-16 (contd.)

State:

No. of Districts: 30

(Financial Rupees in lakh)

S.No.	Interventions	Approved Rate of assistance	Unit	Tragets Proposed by States		Tragets Approved by GoI	
				Physical	Financial	Physical	Financial
1	2	3	4	5	6	7	8
6	<b>Efficient Water Application Tools:</b>						
	(a) Sprinkler Sets	Rs. 10000/ha or 50% of cost whichever less	Ha	0	0.000		0.000
	(b) Pump Sets	Rs. 10000/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	(c) Pipe for Carrying water from source to field	Rs. 25/m or 50% of cost whichever less with maximum limit of 600 mtr and costing Rs. 15000	Mtrs.	0	0.000		0.000
	(d) Mobile Rain gun	Rs. 15000/unit or 50% of cost whichever less	Nos.	0	0.000		0.000
	<b>Sub Total 6 (a) to (d)</b>		<b>Nos.</b>		<b>0.000</b>		<b>0.000</b>
7	Cropping System based trainings (Four Sessions i.e. one before kharif and rabi seasons, One each during kharif & rabi crops)	Rs. 3500/-per Session/Rs. 14000/ per training	Nos.	0	0.000		0.000
	<b>Sub Total Need Based Inputs (Items 2 to 7)</b>				<b>500.000</b>		<b>500.000</b>
8	<b>Miscellaneous Expenses:</b>						
	(a) Project Management Team & other misc. expenses at District level			24	289.000	24	289.000
	(b) Project Management Team & other misc. expenses at State level			2	31.000	2	31.000
	<b>Sub Total 8 (a) to (b)</b>		<b>Nos.</b>		<b>320.000</b>		<b>320.000</b>
9	<b>Local Initiatives</b>			0	0.000		0.000
	<b>Sub Total Local Initiatives</b>		<b>Nos.</b>		<b>0.000</b>		<b>0.000</b>
10	<b>Other Initiatives:</b>						
	(a) Demonstrations by NGOs	Rs. 8250/-ha	ha	0	0.000		0.000
	(b) Assistance for Custom hiring centres	Rs. 1500/-ha	ha	0	0.000		0.000
	(c) Marketing Support			0	0.000		0.000
	(d) Specialized Projects			0	0.000		0.000
	(e) Value Chain Integration			0	0.000		0.000
	<b>Sub Total other Initiatives</b>		<b>Nos.</b>		<b>0.000</b>		<b>0.000</b>
	<b>Total NFSM-Pulses</b>				<b>3020.000</b>		<b>3020.000</b>
	<b>Tentative Allocation given to State by GoI</b>					<b>3020</b>	

*[Signature]*  
26/6/15



**ACTION PLAN FOR IMPLEMENTATION OF NATIONAL FOOD SECURITY MISSION  
(NFSM-Coarse Cereals) DURING 2015-16**

State: Tamil Nadu

No. of Districts: 10

(Financial Rupees in lakh)

S.No.	Interventions	Approved Rate of assistance	Unit	Tragets Proposed by States		Tragets Approved by GoI	
				Physical	Financial	Physical	Financial
1	2	3	4	5	6	7	8
1	(a) Demonstrations on Improved Package	Rs. 7500/-per ha	Ha				
	a. Sorghum (Cholam)		Ha	1000	40.000	1000	40.000
	b. Finger millets (Ragi)		Ha	3400	136.000	3400	136.000
	c. Pearl millet (Cumbu)		Ha	2300	92.000	2300	92.000
	d. Kodu (Varagu/Panivaragu)		Ha	200	8.000	200	8.000
	e. Little millet (Samai)		Ha	1500	60.000	1500	60.000
	f. Barnyard millet (Kudiraivali)		Ha	122	4.880	122	4.880
	g. Maize		Ha	3100	124.000	3100	124.000
	<b>Sub Total of Cluster Demonstrations</b>			<b>11622</b>	<b>464.880</b>	<b>11622</b>	<b>464.880</b>
	(b) Demonstration on Intercropping	Rs. 5000/-per ha	Ha				
2	<b>Distribution of Certified Seeds:</b>						
	(a) HYVs Seeds	Rs. 1500/-per qtl.	Qtls.	941	14.115	941.00	14.115
	(b) Hybrid Seeds	Rs. 5000/-per qtl.	Qtls.	500.1	25.005	500.10	25.005
	<b>Sub Total 2 (a) &amp; 2 (b)</b>		<b>Qtls.</b>	<b>1441.1</b>	<b>39.120</b>	<b>1441.10</b>	<b>39.120</b>
3	(a) Project Management Team at District Level				0.000		0.000
	(b) Project Management Team at State Level				0.000		0.000
	<b>Sub Total 3 (a) &amp; 3 (b)</b>				<b>0.000</b>		<b>0.000</b>
4	<b>Local Initiatives:</b>						
	<b>Sub Total Local Initiatives</b>						
5	<b>Other Initiatives:</b>						
	(a) Demonstrations by NGOs	Rs. 5500/-ha	ha		0.000		0.000
	(b) Assistance for Custom Hiring centres	Rs. 1500/-ha	ha		0.000		0.000
	(c) Marketing Support				0.000		0.000
	(d) Specialized Projects				0.000		0.000
	(e) Value Chain Integration				0.000		0.000
	<b>Sub Total 5 (a) &amp; 3 (e)</b>				<b>0.000</b>		<b>0.000</b>
	<b>Total NFSM-Coarse Cereals</b>				<b>504.000</b>		<b>504.000</b>
	<b>Grand Total (Rice+Pulses+Coarse Cereals)</b>				<b>6535.000</b>		<b>6535.00</b>
	<b>Tentative Allocation given to State by GoI for coarse Cereals</b>					<b>504</b>	
	<b>Tentative Allocation given to State by GoI for all crops</b>					<b>6535</b>	

\* Cost norms of Rs.4000/ha proposed by state are accepted

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24/6/18