

**Directorate of Agriculture Development and Farmers' Welfare**

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No:ADFW/3359/2022-TA1

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**CIRCULAR**

Sub:- Agricultural Department – Central Sector Scheme – National Food Security Mission 2022-23 (for implementation in 2023-24) - working instruction issued – reg

Ref:- 1) Govt. of India letter F. No.2-14/2022-NFSM dtd 21.07.2022  
2) Govt. of India letter F. No.20-25/2017-NFSM (CA-V) dtd 25.01.2023  
3) G.O.(Rt)No.293/2023/AGRI dtd 27.03.2023

As per paper read 1<sup>st</sup> above, Government of India has approved the Annual Action Plan under National Food Security Mission (NFSM) for the financial year 2022-23 comprising of NFSM-Rice and NFSM Pulses for an amount of Rs. 68.212 lakh in the funding pattern of 60:40 between the Central and State Governments, as follows:

Sl.no.	Component	GOI share	GOK share	Total
1.	NFSM Rice	32.220	21.480	53.700
2.	NSFM Pulses	8.707	5.805	14.512
	Total	40.927	27.285	68.212

Vide reference 2<sup>nd</sup> cited, Government of India has released only 1<sup>st</sup> installment of Rs.10.23 lakh for implementation of approved action plan under NFSM Rice and Pulses during 2022-23. As the fund release was towards the fag end of the year, the amount could not be utilized during the year. As per paper read 3<sup>rd</sup> above, the first installment fund release and administrative sanction for Rs.17.06 lakh was accorded for the implementation of NFSM 2022-23 for NFSM Rice and pulses are as detailed below.

Sl.no.	Component	GOI share	GOK share	Total
1.	NFSM Rice	8.05	5.37	13.42
2.	NSFM Pulses	2.18	1.46	3.64
	Total	10.23	6.83	17.06

**\*\*Submission of UC and Progress report for the utilization of 1<sup>st</sup> installment of fund released is a pre-requisite for getting the balance funds for the scheme during the current year.**

The first installment fund release under different category is as detailed below.

Sl.no.	Component	Total	GoI share	GoK share
	NFSM Rice (General)	11.95	7.17	4.78
	NFSM Rice (SCPSC)	1.32	0.79	0.53

NFSM Rice (TSP)	0.15	0.09	0.06
Total NFSM Rice	13.42	8.05	5.37
NFSM Pulses (General)	3.25	1.95	1.3
NFSM Pulses (SCPSC)	0.35	0.21	0.14
NFSM Pulses (TSP)	0.04	0.02	0.02
Total NFSM Pulses	3.64	2.18	1.46

The first installment fund release in NFSM pulses under different category district wise is as detailed below.

Principal Agricultural Officers	General	SCPSC	TSP
PAO, Alappuzha	1.625	0.175	0.02
PAO, Thrissur	1.625	0.175	0.02
Total	3.25	0.35	0.04

The working instruction for implementation of NFSM-Rice and NFSM-Pulses 2022-23 is detailed below:

### Objectives

1. Increasing the production and productivity of Rice and Pulses in a sustainable manner in selected districts.
2. Restoring soil fertility and productivity at the individual farm level.
3. Enhancing farm level economy to restore confidence amongst the farmers and achieving food security.
4. Implementation of cropping system centric interventions in a Mission mode approach through active engagement of all the stakeholders at various levels.
5. Promotion and extension of improved technologies i.e., seed, Integrated Nutrient Management (INM) including micro nutrients, soil ameliorants, Integrated Pest Management (IPM), input use efficiency and resource conservation technologies along with capacity building of the farmers/extension functionaries.

### NFSM-Rice

#### Mission Interventions and Pattern of Assistance

NFSM Rice will be implemented in Palakkad district only and the Approved Annual Action Plan (AAP) of National Food Security Mission- Rice (2022-23) which includes the component wise physical and financial targets is attached as Annexure-1. The component wise details are as follows

#### **1. Cluster Demonstrations**

Improved package of practices in Rice and Rice based cropping systems are to be undertaken in the programme. The demonstrations on System of Rice Intensification (SRI), Line Transplanting, Direct seeded Rice, and stress tolerant varieties are included. The rate of assistance is Rs. 9000 per hectare. Cropping system-based demonstration (Rice-Pulses) should also be undertaken in an area of 100 ha @

Rs.15000 per ha.

## **2. Distribution of certified seeds**

Assistance for purchase of seeds of high yielding and latest varieties of rice is provided to farmers @ Rs. 10/- per kg or 50% of the cost whichever is less for varieties older than 10 years and Rs.20/- per kg or 50% of the cost whichever is less for varieties below 10 years.

## **3. Plant and Soil Protection management**

**a) Soil Management :** The assistance is provided for micronutrients @ Rs.500/- per hectare or 50% of the cost of material whichever is less. For application of lime in acidic soils, assistance is provided @ Rs 1000/- per hectare or 50% of the cost of material whichever is less.

**b) Plant protection management :** Financial assistance of Rs. 500 per hectare or 50% of the cost whichever is less is provided for plant protection chemicals, bio-agents and weedicides.

## **4. Flexi Components:**

Assistance for Farm implements & equipments and water application tools is provided to farmers under the scheme. The rate of assistance for tools and machineries are as detailed below.

Manual Sprayers- Rs.600/- per unit or 50% of the cost whichever is less.

Power operated Sprayers (12-16 litres)- Rs.3000/- per unit or 50% of the cost whichever is less

Winnowing Fan - Rs.10000/- per unit or 50% of the cost whichever is less

Pumpsets- Rs.10000/- per unit or 50% of the cost whichever is less

Water carrying pipes (PVC pipes)- 50% of the cost limited to Rs.35/- per metre with maximum ceiling of Rs. 15,000/- per farmer/beneficiary

## **5.Cropping System based Training:**

Four sessions of training, one at the beginning of Kharif, one each during Kharif and Rabi seasons and one after harvest of Rabi crop will be conducted at the block level for which an amount of Rs. 14000/- per training (Rs.3500/- per session) is set apart.

## **NFSM-Pulses**

### **Mission Interventions and Pattern of Assistance**

NFSM-Pulses (2022-23) will be implemented in Alappuzha, Kottayam, Thrissur, Palakkad and Wayanad districts during 2023-24. The Physical and Financial component wise Approved Annual Action Plan (AAP) of National Food Security Mission- Pulses (2022-23) is attached as Annexure-2. The details of the components are as follows:

### **1. Demonstration on improved technologies:**

Cluster demonstrations on improved technologies are to be conducted on Cowpea for which assistance @ Rs.9000/ha will be provided. For cropping system based demonstrations, pulse crop based cropping systems, Rice -Rice -pulse and pulses as intercrops with commercial crops or coconut or University recommended intercropping systems and associated package of practices, the assistance @ Rs. 15000/ha will be provided. The cost of demonstration includes organisation of field day, distribution of publicity material and visits of scientists. For an individual farmer, the area under demonstration should not exceed 2 ha. Need based inputs (Seed, nutrients, soil ameliorants, biofertilizers, plant protection, farm machinery and training) can be included.

### **2. Seed distribution and seed production:**

Assistance for purchase of certified seeds of Moong, Urd and Cowpea for varieties below 10 years is provided @Rs. 50/kg or 50% of the cost, whichever is less to farmers for an area not exceeding 2 ha each. For certified seeds of Cowpea varieties older than 10 years, Rs. 25/kg or 50% of the cost whichever is less is provided.

An assistance of Rs.50/kg or 50% of the cost whichever is less is admissible to seed production activity under the scheme. The seed production subsidy is provided to the farmers for Moong, Urd and Cowpea varieties which are below 10 year old.

### **3. Plant and Soil Protection Management:**

Assistance is provided to the farmers for (a) Micro-nutrients @ Rs.500/ha (b) Gypsum/80% WG Sulphur@ Rs.750/ha (c) Lime @Rs.1000/ha and (d) Bio-fertilizers @Rs.300/ha or 50% of their cost whichever is less

### **4. Water application tools:**

Assistance for irrigation pumsets (1HP and above) @ Rs.10000/- per unit or 50% of the cost whichever is less is provided to the farmers. For pipes carrying water from source to field, assistance @ 50% of the cost limited to Rs. 50/- per meter for HDPE pipes and Rs. 35/- per meter for PVC pipes and Rs. 20/- per meter for HDPE laminated woven lay flat tubes is provided. The maximum ceiling is Rs. 15,000 per farmer/ beneficiary.

### **5. Local initiatives:**

For raising Arhar on farm bunds, assistance @ Rs. 2000/ha is provided.

### **Selection of Beneficiaries**

- In accordance with the decision of Government of India regarding implementation of Tribal Sub- Plan (TSP) for Scheduled Tribes, 8% for TSP will be earmarked.
- At least 33% allocation of fund is to be made for small and marginal farmers.
- At least 30% allocation of fund is to be made for women farmers.
- All the farmers are entitled to avail the assistance for various components of the Mission limited to 5 hectares in a season.

### **Financial Outlay**

The scheme will be implemented as per the Annual Action Plan for 2022-23. The amount required for the implementation of the approved components of NFSM-Rice and NFSM- Pulses will be met from the funds released ie., Rs.17.06 lakhs.

### **Monitoring :**

The scheme NFSM-Rice will be implemented through the Krishibhavans of Palakkad district. NFSM-Pulses will be implemented through the Krishibhavans in the districts of Alappuzha, Kottayam, Thrissur, Palakkad and Wayanad. The Agricultural Officers of the concerned Krishibhavans will be the implementing Officers at Panchayat level. The Assistant Director of Agriculture will monitor the scheme at Block level. At district level, Principal Agricultural Officer will co-ordinate the activities of NFSM-Rice and NFSM- Pulses. Deputy Director of Agriculture (WM) of District HQ should assist Principal Agricultural Officer in the implementation and monitoring of the programme. At the Directorate level the programme will be monitored by the Additional Director of Agriculture (CP).

The District Food Security Mission Executive Committee (DFSMEC) will continue to function for project formulation, implementation and monitoring of the scheme components through the Agriculture Department involving concerned stakeholders .

At the State level and National level, activities of the Mission will be monitored as per NFSM guidelines issued by Government of India.

### **Reporting System**

Principal Agricultural Officers concerned will ensure submission of Quarterly Progress Reports which should reach by the 5<sup>th</sup> of the month following each quarter to the Directorate of Agriculture for onward submission to the NFSM-division, Government of India. Annual Progress Report (APR) and Utilization certificate in Form GFR-12C should be submitted immediately after the end of the year in the prescribed format .

### **Release of Fund:**

Government of Kerala has sanctioned and released the 1<sup>st</sup> instalment of Rs. 13.42 lakh only against the AAP for 53.70 lakh for NFSM-Rice and Rs.3.46 lakh against

the AAP for Rs. 14.512 lakh for NFSM-Pulses in a fund sharing pattern of 60:40 between the Centre and the State. The funds will be released to Principal Agricultural Officers through the SNA system. Even though the annual action plan for pulses has been approved for Rs.14.512 lakh, the fund released is only Rs.3.46 lakh and hence the first installment fund release is limited to **Principal Agricultural Officers of two districts only viz., Alappuzha and Thrissur only.**

**NFSM pulses 2022-23 Fund release to  
Principal Agricultural Officers (Amount Rs. in lakh)**

	PAO, Alappuzha	PAO, Kottayam	PAO, Thrissur	PAO, Wayanad	PAO, Palakkad	Total
Annual Action Plan Approved	3.10	2.979	3.0	2.9	2.533	<b>14.512</b>
GoI release	1.092	0.0	1.092	0.0	0.0	2.184
GoK release	0.728	0.0	0.728	0.0	0.0	1.456
Total fund released	<b>1.82</b>		<b>1.82</b>			<b>3.64</b>

**NFSM Rice 2022-23 Fund release to Palakkad PAO (Amount Rs. in lakh)**

	PAO, Palakkad	Total
Annual Action Plan Approved	53.70	<b>53.70</b>
GoI release	8.05	8.05
GoK release	5.37	5.37
Total fund released	13.42	<b>13.42</b>

The implementation of the scheme should be according to the approved action plan for 2022-23 and the funds allotted to the districts. The scheme should be implemented in a time bound manner. **Submission of UC and Progress report for the utilization of 1<sup>st</sup> installment of fund released is a pre-requisite for getting the balance funds for the scheme during the current year.**

Government of India has implemented DBT in NFSM, hence the transfer the funds for specified interventions of NFSM will be done through DBT to identified beneficiaries as per the guidelines issued and revised from time to time. Hence, the beneficiary details with Aadhar number should be entered/ uploaded on NFSM website. The States/ Implementing agencies would transfer the benefit to the targeted beneficiaries through DBT by using Aadhar etc.

## Annexure -I

**ACTION PLAN FOR NFSM RICE DURING 2022-23 Palakkad Dt.**

(Financial Rupees in lakh)

Interventions	Approved Rate of assistance	Unit	Targets Proposed by State (GoI + State share)		Targets Approved by GOI (GoI + State share)	
			Physical	Financial	Physical	Financial
2	3	4	5	6	7	8
<b>Cluster Demonstrations</b>						
(i) Cluster Demonstrations on Direct Seed Rice	Rs 9000/-per Ha	Ha	50	4.500	50	4.500
(ii) Cluster Demonstrations on Line Transplanting	Rs 9000/-per Ha	Ha	50	4.500	50	4.500
(iii) Cluster Demonstrations on SRI	Rs 9000/-per Ha	Ha	0	0	0	0
iv) Stress Tolerant varieties	Rs 9000/-per Ha	Ha	72	6.480	72	6.480
v) Cropping System based demonstration	Rs.15000/-per ha	Ha	40.00	6.000	40.00	6.000
<b>Total Demonstrations</b>		<b>Ha</b>	<b>212</b>	<b>21.480</b>	<b>212</b>	<b>21.480</b>
<b>Distribution of Certified seeds</b>						
(a) Hyv Rice Seed(For varieties older than 10 years)-	Rs.1000/Q or 50% of cost whichever is less	Qtls	200	2.000	200	2.000
(b) HYVs Seeds of Rice (For varieties below 10 years)-	Rs 2000/Q or 50% of cost whichever is less	Qtls	437	8.740	437	8.740
<b>Total Distribution of seeds</b>			<b>637</b>	<b>10.740</b>	<b>637</b>	<b>10.740</b>
<b>Plant and Soil Protection Management:</b>						
<b>(a) Soil Management</b>						
(i) Micronutrients	Rs 500/ha or 50% of the cost whichever is less	Ha	1400	7.000	1400	7.000
<b>(b) Plant Protection Management</b>						
(i) Plant Protection Chemicals	Rs 500/ha or 50% of the cost whichever is less	Ha	211	1.055	211	1.055
<b>Total Soil &amp; Plant Protection Management</b>		<b>Ha</b>	<b>1611</b>	<b>8.055</b>	<b>1611</b>	<b>8.055</b>
<b>Flexi Components</b>						
a) Farm implements						
I) Manual sprayer	Rs 600/ unit or 50% of the cost whichever is less	Nos.	100	0.600	100	0.600

ii) Power Sprayer(12-16 Litters)	Rs 3000/ unit or 50% of the cost whichever is less	Nos.	20	0.600	20	0.600
iii) Brush cutter (for small and marginal farmers)	Rs 40000/ unit or 50% of the cost whichever is less	Nos.	8	3.200	8	3.200
Sub total 4(a)			128	4.400	128	4.400
b) Water Application tools						
I) pumpset	Rs 10000/ unit or 50% of the cost whichever is less	Nos.	85	8.500	85	8.500
ii)PVC Pipes	Rs.35/meter, Maximum ceiling Rs.15000/ per Farmer	Nos.	1500.00	0.525	1500.00	0.525
Sub total 4(b)				9.025		9.025
Sub Total of Flexi Components		Nos.		13.425		13.425
Sub total flexi components				<b>13.425</b>		<b>13.425</b>
<b>Total of NFSM Rice</b>				<b>53.700</b>		<b>53.700</b>
<b>GOI Share</b>				<b>32.220</b>		<b>32.220</b>
<b>State Share</b>				<b>21.480</b>		<b>21.480</b>

## Annexure -II

**ACTION PLAN FOR NATIONAL FOOD SECURITY MISSION-PULSES 2022-23  
KERALA**

(Financial Rupees in lakh)

Sl. No.	Interventions	Approved Rate of Assistance	Unit	(Amount in Lakhs)		(Amount in Lakhs)	
				Target proposed by State (GoI + State share)		Target approved by GOI (GoI + State share)	
1	2	3		Phy	Fin	Phy	Fin
1	<b>Demonstrations on Improved Technologies:</b>						
	<b>(a) Cluster Demonstrations</b>						
	(i) Cowpea	Rs. 9000/- per ha	Ha	16.00	1.440	16.00	1.440
	<b>(b) Cropping system based demonstrations</b>						
	(i) RICE-RICE-COWPEA	Rs.15000/- per ha	Ha	16	2.4	16	2.4
	(ii) RICE-RICE-GREENGRAM	Rs.15000/- per ha	Ha	5	0.75	5	0.75







	<b>Demonstrations on Improved Technologies:</b>														
	<b>(a) Cluster Demonstrations</b>														
	(i) Cowpea	Rs. 9000/- per ha	Ha	16.00	1.440	3	0.27	5	0.45	2	0.18	2	0.18	4	0.36
	<b>Sub total (a)</b>														
	<b>(b) Cropping system based demonstrations</b>														
	(i) RICE-RICE-COWPEA	Rs.15000/- per ha	Ha	16.0000	2.400	4.2	0.63	3	0.45	4.8	0.72	4	0.6		
	(ii) RICE-RICE-GREENGRAM	Rs.15000/- per ha	Ha	5.00	0.750	0	0	0	0	0	0	1	0.15	4	0.6
	(iii) RICE-RICE-BLACKGRAM	Rs.15000/- per ha	Ha	0.00	0.000	0	0	0	0	0	0	0	0		
	Sub total (b)			21.00	3.150										
	Sub total (a+b)			37.00	4.590	7.2	0.9	8	0.9	6.8	0.9	7	0.93	8	0.96
<b>2(a)</b>	<b>Distribution of certified Seeds (for varieties less than 10 years of age)</b>			0.00											
	Moong	Rs. 5000/q or 50% of cost whichever is less	Qtls	3.10	0.155	0.5	0.025	2	0.100	0.000	0.000	0	0	0.6	0.03
	Urd	Rs. 5000/q or 50% of cost whichever is less	Qtls	2.50	0.125	0.5	0.025	2	0.100	0.000	0.000	0	0		0
	Cowpea	Rs. 5000/q or 50% of cost whichever is less	Qtls	23.10	1.155	3.5	0.175	2	0.100	8.00	0.400	9	0.45	0.6	0.03
<b>2(b)</b>	<b>Distribution of Seeds (for varieties more than 10 years of age)</b>						0						0		

	Cowpea	Rs.2500/q or 50% of cost whichever is less	Qtls												
				23.00	0.575	9	0.225	6	0.150	0	0	8	0.2	0	0
<b>2</b>	<b>(c) Production of Seeds (for varieties less than 10 years of age)</b>														
					<b>2.010</b>										
	Urd	Rs. 5000/q or 50% of cost whichever is less	Qtls												
				3.00	0.150	0		3	0.150	0	0	0	0	0	0
	Moong	Rs. 5000/q or 50% of cost whichever is less	Qtls												
				3.50	0.175	0	0	3	0.150	0	0	0.5	0.025	0	0
	cowpea	Rs. 5000/q or 50% of cost whichever is less	Qtls												
				30.60	1.530	9	0.45	3	0.150	10.000	0.500	1	0.05	7.6	0.38
	<b>Sub total</b>														
					<b>1.855</b>	<b>22.5</b>	<b>0.9</b>		<b>0.900</b>	<b>18</b>	<b>0.9</b>	<b>18.5</b>	<b>0.725</b>	<b>8.8</b>	<b>0.44</b>
<b>3(a)</b>	<b>Soil Management:</b>														
	(a) Micro-nutrients	Rs. 500/ ha or 50% of cost whichever is less	Ha												
				70.00	0.350	51	0.255			15.000	0.075	4	0.02		
	(b) Gypsum/80% WG Sulphur	Rs. 750/ha or 50% of cost whichever is less	Ha												
				39.00	0.293			35	0.263	0.000	0.000	4	0.03		
	(c) Lime	Rs.1000/ha or 50% of cost whichever is less	Ha												
				135.00	1.350	7.5	0.075			31.500	0.315	6	0.06	90	0.9
	(d) Bio-Fertilisers	Rs. 300/ha or 50% of cost whichever is less	Ha												
				93.00	0.279	8	0.024	40	0.120	25.000	0.075	20	0.06		
	<b>Sub total</b>														
					<b>2.272</b>	<b>66.5</b>	<b>0.354</b>	<b>75</b>	<b>0.3825</b>		<b>0.465</b>	<b>34</b>	<b>0.17</b>	<b>90</b>	<b>0.9</b>
<b>4</b>	<b>Flexi Components (25% of the outlay)</b>			0.00											
<b>4</b>	<b>Efficient Water Application Tools:</b>			0.00											
	(ii) Pump Sets	Rs. 10000/unit or 50% of cost whichever is less	Nos.												
				27.00	2.700	1	0.1	1	0.100	7.000	0.700	10	1	8	0.8

	(iii) Pipe for Carrying water from source to 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 maximum ceiling of Rs. 15,000/-per farmer/beneficiary.	Mtrs.															
				900.00	0.450	250	0.125	500	0.250				150	0.075				
4(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		1.00	0.035							1.000	0.035					
4 (e)	<b>Local Initiatives</b>			0.00														
	(i) Arhar on farmbunds	Rs.200/-per ha	ha	30.00	0.600	30	0.6											
	Sub total			517.00	3.785		0.825	501	0.35	8	0.735	0	1.075	8	0.8			
	<b>Total NFSM-Pulses</b>				<b>14.512</b>		<b>2.979</b>		<b>2.533</b>		<b>3.000</b>		<b>2.900</b>		<b>3.100</b>			
	<b>GOI Share</b>				<b>8.707</b>		1.7874	0	1.5195	0	1.8	0	1.74	0	1.86			
	<b>State Share</b>				<b>5.805</b>		1.1916	0	1.013	0	1.2	0	1.16	0	1.24			

A SURESH NELSON  
ADDITIONAL DIRECTOR OF AGRICULTURE(CP)

I/97599/2023

To : The Principal Agricultural Officer, Alappuzha, Kottayam,  
Thrissur, Palakkad and Wayanad districts

Copy to: TA to Director of Agriculture  
CAs to all Additional Director of Agriculture  
All JDAs at HQ / SFO/Deputy Director of Agriculture, Planning  
section  
IT Cell, Directorate of AD&FW for Department website  
Stock File/Spare