

Directorate of Agriculture Development and Farmers' Welfare

Vikas Bhavan, Thiruvananthapuram – 695033

e-mail:cru.agridir@kerala.gov.in, Phone: 0471-2304481

No:ADFW/1220/2023-TA2

Date:29-07-2024

CIRCULAR

Sub:- Agricultural Department – Central Sector Scheme - National Mission for Sustainable Agriculture (NMSA) – Rainfed Area Development (RAD) Programme 2023-24- Working instructions- issued – reg.

- Ref:- 1) Letter No. ADFW/1620/2023-TP-3 dated 18.09.2023
2) Government of India Letter No.1- 13/2023-RKVY/2 dated 31.03.2024
3) G.O.(Rt)no.411/2024/AGRI dated 04.05.2024

As per the reference cited 1st, Annual Action Plan of Rainfed Area Development under National Mission for Sustainable Agriculture during 2023-24 for an amount of Rs. 436.37 lakh in the funding pattern of 60:40 between the Central and State Governments, was approved by SLSC.

As per reference (2) cited, Government of India have conveyed the first installment fund release of Rs.5.00 lakh for **SCP Category** and vide reference (3) cited, corresponding state share (**SCP Category**) of Rs. 3.33333 lakh has been released by State Government for implementation of RAD component of NMSA in the **funding pattern 60:40** and during 2023-24.

The working instruction towards the implementation of the programme during 2023-24 is issued herewith for compliance.

Rainfed Area Development (RAD) will adopt an area based approach for development and conservation of natural resources along with farming systems. This component will introduce appropriate farming systems by integrating multiple components of agriculture such as crops, horticulture, livestock with agro based income generating activities and value addition. Besides, soil test/soil health card based nutrient management practices, farmland development, resource conservation and crop selection conducive to local agro climatic condition will also be promoted under this component. A cluster based approach of 100 hectare or more (contiguous or non contiguous in difficult terrain with close proximity in a village/adjoining villages) may be adopted to derive noticeable impact of convergence and encourage local participation and for future replication of the model in larger areas. Supplementary support from this component will be admissible for gap-

filling resource conservation activities under converging programmes. RAD clusters should have soil analysis/soil health card/soil survey maps to justify the interventions proposed.

The programme is intended to be taken up in the three agriculturally predominant districts of Kerala viz., Kannur, Wayanad and Thrissur. These districts are among the distress districts of Kerala affected by severe drought and heavy runoff. RAD will be implemented with the active participation of Department of Agriculture, Department of Soil Survey & Soil Conservation and Department of Animal Husbandry.

The programme will be implemented on a cluster approach as shown below.

Sl. No.	District	Block	Village	Area (ha)
1	Thrissur	Pazhyannoor	Chelakkara	95
2			Kondazhy	94
3			Panjal	116
4			Pazhayannur	99.2
5			Vallathol Nagar	118.2
6			Thiruvillwamala	94
7	Kannur	Irikkur	Eruvassey	118
8			Malapattom	71
9			Ulikkal	124
10		Iritty	Payam	112.5
0			Ayyankunnu	84
11			Keezhur Chavassery	104.5
12	Wayanad	Sulthan Bathery	Ambalavayal	164
13		Panamaram	Mullankolli	256

	Total			1650.4
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The components of the programme are :

1) Integrated Farming System:

RAD aims at promoting Integrated Farming System (IFS) with emphasis on multi cropping, rotational cropping, inter-cropping, mixed-cropping practices with allied activities like horticulture, livestock, apiculture etc. to enable farmers not only in maximizing the farm returns for sustaining livelihood, but also to mitigate the impacts of drought, flood or other extreme weather events.

(a) Cereal based cropping system

The assistance to be provided is 50% of input costs limited to Rs. 10000/- per ha. Maximum permissible assistance will be restricted to 2 ha per beneficiary. (Input cost includes land preparation, seeds, fertilizer/manure, plant nutrients, plant protection chemicals and herbicides etc.).

(b) Horticulture Based Farming System

The assistance to be provided is 50% of input costs limited to Rs. 25000/- per ha. Maximum permissible assistance will be restricted to 2 ha per beneficiary. (Input cost includes land preparation, seeds, fertilizer/manure, plant nutrients, plant protection chemicals and herbicides etc.).

(c) Livestock based farming system

The assistance to be provided is 50% of input costs of cropping system including cost of animals with one year concentrated food limited to Rs.40,000/- per ha (2 milch animals + 1 ha cropping system). Maximum permissible assistance will be restricted to 2 ha per beneficiary. (Input cost of cropping system includes seeds, fertilizer/manure, plant nutrients, plant protection chemicals and herbicides etc.)

(d) Small Ruminant based Farming System/Poultry based

The assistance to be provided is 50% of input costs of cropping system including and cost of animals/birds with one year concentrated food limited to Rs.25,000/- per ha (10 animals/50 birds + 1ha cropping system). Maximum permissible assistance will be restricted to 2 ha per beneficiary. (Input cost of cropping system includes seeds, fertilizer/manure, plant nutrients, plant protection chemicals and herbicides etc.)

2. Value Addition and Resource Conservation

Apiculture (Bee Keeping)

The assistance to be provided @40% of input cost limited to Rs. 800/colony of 8 frames or Rs.800/hive limited to 50 colonies/hive per beneficiary.

To implement the component “Apiculture”, technical assistance can be sought from HORTICORP – the Nodal Agency for the implementation of the scheme Apiculture, without deviating from the norms of RAD.

Training on IFS/Resource conservation

Training to farmers on Integrated Farming System/ resource conservation techniques can be undertaken @ Rs. 10000/- per training session for 20 participants or more.

The approved targets for the programme are furnished in Annexure-1. The Block wise/cluster wise target of activities are furnished in Annexure-2 (considering the Annual Action Plan approved by Government of India for an amount of Rs.333.33 lakh). The implementation of the scheme should be in accordance with the **approved annual action plan for 2023-24 and the funds allotted to the districts.**

Programme Implementation:

The Department of Agriculture will be the nodal agency and will have the overall responsibility for implementing NMSA in a mission mode at State level. Panchayati Raj Institutions (PRIs) will be actively involved in planning and implementation of NMSA. A cluster approach in a specific area is to be taken up while selecting the beneficiaries and in case individual farmers want to avail the benefits of the NMSA, the beneficiary selection process should be transparent and time bound. The beneficiary selection should be finalized at the Krishi Bhavan level in consultation with the officers concerned of the Department of Soil Survey & Soil Conservation and Department of Animal Husbandry. Besides, the name of beneficiaries and assistance given to them may be also put on the Departmental website in public domain.

Monitoring & Evaluation:

The scheme will be implemented on a cluster basis through the Krishibhavans of Thrissur, Kannur and Wayanad districts. 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 RAD-NMSA. 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).

Reporting System:

Principal Agricultural Officers concerned will ensure submission of Quarterly Progress Reports which should reach by the 5th of the month following each quarter in the proforma I&2 (Annexure - III) to the Directorate of Agriculture for onward submission to the RFS 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 format prescribed by Government of India. The beneficiary details with Aadhar number should be entered separately in the register maintained at Krishibhavan.

Documentation:

The implementing officers should ensure that all the activities implemented under the scheme is documented and submitted along with monthly progress report.

Financial Outlay:

The funds will be released to districts through the PFMS system. The expenditure for implementation of approved components of RAD-NMSA can be met from the budget provision available during the current year. **Submission of UC and Progress report for the utilization of 1st installment of fund released is a pre-requisite for getting the balance funds for the scheme during the current year.**

RADNMSA 2023-24 FUND ALLOTMENT TO DISTRICTS (Amount Rs. in lakh)

	PAO, Thrissur	PAO, Kannur	PAO, Wayanad	Total
RADNMSA (SCPSC)	3.0008	3.0008	2.33173	8.33333

Dr ADEELA ABDULLA IAS

DIRECTOR

Director of Agriculture

To The Principal Agricultural Officers - Thrissur, Kannur & Wayanad

Copy to: 1) TA to Director of

2) CAs to all Additional Director of Agriculture

3) All JDAs at HQ / SFO/Deputy Director of Agriculture, Planning section

4) IT Cell, Directorate of AD&FW for department website

5) Stock File/Spare

Annexure I - Annual Action Plan Approved in 30th SLSC held on 10.07.2023

RAINFED AREA DEVELOPMENT- NATIONAL MISSION FOR SUSTAINABLE AGRICULTURE (RAD-NMSA) FINANCIAL YEAR:2023-24						
STATE	: KERALA					
NODAL DEPARTMENT	: AGRICULTURE DEVELOPMENT AND FARMER'S WELFARE DEPARTMENT					
TOTAL AREA PROPOSED FOR DEVELOPMENT	:1661 ha					
IMPLEMENTING AGENCIES	: DEPARTMENT of AGRICULTURAL DEVELOPMENT &FARMERS WELFARE					
RESEARCH / TECHNICAL SUPPORT INSTITUTION	: KERALA AGRICULTURAL UNIVERSITY, KVK KANNUR					
A. RAINFED AREA DEVELOPMENT(RAD)						
1. INTEGRATED FARMING SYSTEM						
	Area		Estimated	Proposed	CoI	State

Farming System	Area proposed (ha)	Number of beneficiaries	Estimated cost (Rs. In Lakhs)	Assistance (Rs.in lakhs)	GoI Share (60%)	State Share (40%)
1. Cropping System (CS) (a. Rice based)	46	700	9.2	4.6	2.76	1.84
2. Horticulture based cropping system	1540	11214	770	385	231	154.00
3a. Livestock based farming system	55	126	44	22	13.2	8.8
3b. Small ruminant based Farming System	20	40	10	5	3	2
Sub Total	482.8	2750	833.2	416.6	249.96	166.64

II. Value addition and Resource Conservation

Activity	Number proposed	No. of organizations/ Groups/ Individuals	Estimated cost (Rs. In lakh)	Proposed Assistance (Rs.in lakh)	GoI Share (60%)	State Share (40%)
Apiculture	1746	320	28	13.968	8.3808	5.5872
Training	49	910	9.2	4.9	2.94	1.96
Administrative cost				1.2	0.72	0.48
Sub Total			37.2	20.068	12.0408	8.0272
Grand Total			870.4	436.67	262.00	174.67

(Rupees Four crore Thirty Six lakh Sixty Seven thousand only)

7	Malappattom	1	50	0.20	0.10	0.060	0.040
8	Ulkkal	1	50	0.20	0.10	0.060	0.040
9	Chelakkara	1	50	0.20	0.10	0.060	0.040
10	PAZHAYANNUR	1	50	0.20	0.10	0.060	0.040
	TOTAL	49	910	9.2	4.9	2.94	1.96
Administrative cost							
1	Ambalavayal				0.56	0.336	0.224
2	Mullankolli		0.64	0.384	0.256		
	TOTAL				1.20	0.72	0.48
	GRAND TOTAL	3456	13310	870.4	436.67	262.00	174.67

Annexure III- Progress Report Format - 1

Physical- Financial Progress Report of Rainfed Area Development (RAD) component of NMSA									
As on									
Name of District									
Rs. In Lakh									
		Financial							
		IFS		Value Addition & Resource Co nservation		Admin. Cost		Total	
Achieveme nt IFS Area (Ha)	No of Be neficarie s covere d	Target	Achiev ement	Target	Achiev ement	Target	Achiev ement	Target	Achiev ement

Progress Report Format - 2

Progress Reporting format SCSP component under Rainfed Area Development (RAD) component of NMSA	
District.....,	
A . Physical Achievement (Nos. of Beneficiaries)	
Physical Target	Physical Achievement
SC	SC

Male	Female	Male	Female
B. Financial Achievement (Rs. in Lakh)			
Financial Target		Financial Achievement	
SC		SC	
Male	Female	Male	Female