

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

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No:ADFW/3042/2021-TA2

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**NOTE**

Sub:- Agricultural Department - Central Sector Scheme - National Mission for Sustainable Agriculture (NMSA) - Rainfed Area Development (RAD) Programme -2020-21 - revalidated for implementation during 2021-22- Working instructions- issued - reg;

- Ref:- 1)Government of India Letter No. 1-27/2018-RFS-III (Pt) dated 23-12-2020  
2)Government of India Letter No. 1-27/2018-RFS-III (Pt) dated 23-12-2020 (3 numbers)  
3) G.O(Rt) No.336/2021/AGRI dated 30.03.2021  
4) Government of India Letter No. 1-1/2020-RFS-III (Pt) dated 12-04-2021

As per the reference cited 1<sup>st</sup>, Government of India have conveyed the approval of Annual Action Plan of Rainfed Area Development under National Mission for Sustainable Agriculture during 2020-21 for an amount of Rs. 333.33 lakh in the funding pattern of 60:40 between the Central and State Governments and has released an amount of Rs. 100.00 lakh as per reference 2<sup>nd</sup> cited.

As per reference 3<sup>rd</sup> cited, State level Administrative Sanction has been accorded for the scheme during 2020-21 and Government have released the first instalment of Rs. 166.67 lakh (Government of India share Rs.100.00 lakh and Government of Kerala share Rs. 66.67 lakh) for the implementation of RAD component of NMSA in the funding pattern 60:40 from the Head of Account 2401-104-79-03, 2401-789-98-01 and 2401-796-97-01 during 2020-21.

As per reference 4<sup>th</sup> cited, revalidation of unspent amount in respect of fund released in the financial year 2020-21 has been obtained for utilisation during 2021-22. The details of first instalment of fund released towards RAD-NMSA during 2020-21 are as detailed below.

(Rs in lakhs).

Sl.No.	Category	Central Share	State Share	Total
1	General	89.40	59.60	149
2	SCPSC	9.10	6.07	15.17
3	TSP	1.50	1.00	2.5
	Total	100.00	66.67	166.67

The working instruction towards the implementation of the programme during 2020-21 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 with a geographical area of 297112 ha, 213100 ha and 303200 ha respectively. 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	Panchayath	Name of the Cluster	Area (Ha)
1	Kannur	Panoor	Panoor	Perakisseri	68
2		Koothuparambu	Pattiyam	Kelakam	208
3		Thaliparambu	Kadanampally	Eramam-Kuttur	185
4	Wayanad	Sulthanbathery	Noolpuzha	Edavaka	159
5		Sulthanbathery	Pulpally	Meenangadi	160
6	Thrissur	Talappilly	Kondazhy	Kondazhy	84
		Pazhayannur	Chelakkara	Chelakkara	116
8			Vallathole Nagar	Vallathole Nagar	84
9			Thiruvilwamala	Thiruvilwamala	55
10			Panjal	Panjal	84
11			Pazhayannur	Pazhayannur	69
			Sub total		

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) 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.).

b) 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.)

c) Small Ruminant based Farming System:

The assistance to be provided is 50% of input costs of cropping system including 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.).

II) Value Addition and Resource Conservation

1) 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.

2) 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 2020-21 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 finalised 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 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.

#### Financial Outlay:

Government of Kerala has released the 1st instalment of Rs. 166.67 lakh for RAD-NMSA against the AAP for Rs.333.33 lakh at a fund sharing pattern of 60:40 between the Central and the State under the Head of Account 2401-104-79-03, 2401-789-98-01 and 2401-796-97-01 during 2020-21 for implementation during 2021-22. 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 instalment of fund released is a pre-requisite for getting the balance funds for the scheme during the current year.

sd/-

**GOPIDAS M. P.**  
**ADDITIONAL DIRECTOR OF AGRICULTURE**  
For Director of Agriculture

Encl: 1)Annexure-1  
2)Annexure-2

Copy to: 1)The Principal Agricultural Officers –Thrissur, Kannur & Wayanad  
2)TA to Director of Agriculture  
3)CAs to all Additional Director of Agriculture  
4)All JDAs at HQ / SFO/Deputy Director of Agriculture, Planning section  
5)IT Cell, Directorate of AD&FW for department website  
Stock File/Spare

**SAJEEV GOPIKRISHNA**  
Joint Director of Agriculture (WM)  
Directorate of Agriculture Development  
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