

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

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No:--ADFW4603/2021-TD(2)-----

Date:06/07/2021

Sub:-

Coconut Development scheme 2021-22- Organizing Pest & Disease Management campaign in coconut garden on a campaign basis–working instructions for implementation- orders issued-reg

Ref:-

1. Order No.ADFW/3118/2021-TP(2) dated 23.04.2021
2. G.O(Rt) No.643/2017/AD dated 29.06.2017
3. G.O(Rt) No.251/2019/AD dated 08.03.2019

Administrative Sanction was received for Coconut Development scheme during 2017-18 vide reference 2nd and continuous administrative Sanction was the scheme is continuing during 2019-20 vide reference 3rd cited.

As per the order cited 1st above, continuous sanction has been accorded for implementation of the scheme Coconut Development– 2021-22 with an allocation of Rs.7547 lakhs under the Head of account 2401-00-103-87 plan. Pest and Disease Management in coconut gardens on a campaign basis is one of the component of the program me with a financial

allocation of Rs. 50lakhs.

Coconut palm (*Cocos nucifera L*) is one of the most important crop that provides a variety of useful products like food, fuel and timber. India ranks 3rd in production (12822 million nuts) from an area of 1.89 million ha and contributing to 26.06% share of total coconut production from different coconut producing countries of the world.

The major pests affecting the coconut palm are rhinoceros beetle, the red palm weevil and cockchafer beetle. These pests are generally found throughout the state. The rhinoceros beetle attacked palms are prone to red palm weevil attack and if control measures are not adopted at the appropriate time may lead to complete loss of palm. Besides diseases like bud rot, leaf rot, stem bleeding etc are also seen associated in the palms attacked by the beetles. All these problems may lead to noticeable yield reduction of the crop. Taking into account the above facts, this project is being proposed so that the crop can be protected from major pest and diseases of coconut by adopting suitable "Integrated Pest Management" practices as per the Package of Practices Recommendation of KAU and recommendations of CPCRI and CDB.

Objectives

- Identification of hotspots of pest/disease attack in each panchayath based on surveillance data.

- Preparation of action plan for implementing the eradication programme and arranging campaign with the active participation of local self government departments, farmer groups, Agro Service Centres/Karmasena, research institutions (KAU, CPCRI) and all other stake holder.
- Providing training and awareness to the stake holders and department officials
- Providing infrastructures like sprayers, chemicals, bio control agents etc to the Plant Protection surveillance groups.
- Field level implementation in a campaign mode.
- Appraisal and monitoring in a quarterly basis by a monitoring committee at Panchayat, Block, District and State level.

Main components of the scheme are

1. Workshop for identification of Hotspots (Rs0.7 lakhs)

Workshops will be organized for identifying the hot spots in panchayaths where kera gramam scheme being implemented and plant protection operations will be undertaken accordingly. An amount of Rs.10,000/- will be allotted for one workshop. 7workshops will be conducted with a total financial allocation of Rs0.7 lakhs.

2. Block level training to Plant Protection groups in Integrated Pest Management

(Rs. 1.75 lakhs)

Block level training will be imparted to the plant protection groups comprising of Karshika Karmasena/farmer groups covering the different methods of plant protection to be adopted including IPM as per Package of Practices recommendation of KAU and recommendations of CPCRI/CDB. The group should be made aware of safe handling and use of plant protection equipments, and chemicals. An amount of **Rs.25000/-** will be given as assistance for one training. 7 trainings will be conducted with a total financial allocation of **Rs. 1.75 lakhs**.

3. Cost of inputs (Rs.47.25lakhs)

Palms in the hot spots identified will be treated for pest/disease infestation and an amount of **Rs.100/palm** will be given for the purchase of pesticides including labour charges. **175 palms will be treated in one ha and Rs.17500 will be sanctioned per Ha. It is proposed to cover 270 Ha. With a total financial allocation of Rs 47.25 lakhs.** Additional fund if required can be met by submitting projects to LSGD.

Plant protection equipments available in the Krishi Bhavans, Agro Service Centres, Plant Health Clinics etc can be made use for the campaign.

4. Mode of implementation

Suitable proposals for the management of major pests/ diseases of coconut (Rhinoceros beetle, Red palm weevil, bud rot, stem bleeding etc) on a contiguous area should be prepared at district level. For projects amounting upto Rs.10.0 lakhs, approval can be given by district level committees (comprising of Principal Agricultural Officer, Deputy Director of

Agriculture (YP) & Assistant Director of Agriculture concerned). Project proposals exceeding Rs.10.0 lakhs should be submitted to the Directorate for approval and release of funds

Pest/ disease affected zones should be identified at district level workshops and detailed action plan should be prepared based on the number of palms to be treated / sprayed for implementing the programme.

The inputs required viz. Plant protection chemicals, equipments, labour etc. can be mobilised through Service Co-operative banks / Karshika Karmasena / Agro Service centres/ Krishi bhavans by the Agricultural officers & Assistant Director of Agriculture concerned .

Wide publicity for the programme should be given through various print and electronic media and through Farm Information Bureau.

The programme will be implemented in a campaign mode with the active participation of local self government departments, farmer groups, Agro Service Centres/Karmasena, research institutions (KAU, CPCRI) and all other stake holders. All the activities of the plant protection group should be strictly monitored and supervised by the staff of Krishi Bhavan and respective ADA's with the active participation of LSGD. The ATMA staff/group, Crop Health Management (Pest scout) etc should also extend their support and participation in this regard, Principal Agricultural Officers and Project Director ATMA, should co-ordinate the activities of the programme in each district ensuring the full involvement of the concerned (DDA (YP) . All the activities under the programme should be properly documented .

Physical and financial allocation is given as annexure .

5 . Monitoring and supervision

Appraisal and monitoring of the scheme which will be implemented in a campaign mode should be done by a monitoring committee. The monitoring committee is to be formed at Panchayat, Block, District and State level and the progress of the campaign evaluated and reported to the Directorate in a quarterly basis by DDA(YP)

The block level and panchayat level targets should be assigned immediately on receipt of this circular and the same intimated to this office

Abstract of the component

Sl No	Item	Rate	Target	
			Physical	Amount in lakhs
1	Conduct of workshops	Rs.10000/-	7 nos	0.7
2	Training to Plant Protection Groups	Rs.25000/-	7nos	1.75
3	Plant protection operations @ Rs.100/- per palm including cost of PPC and labour	Rs.17500/- per ha	270 ha	47.25
4	Unforeseen expenses (for State and District level			0.30

meetings etc.)			
TOTAL			50.00

The total financial outlay of the component is **Rs. 50 Lakhs** and this will be met from the scheme component Organizing Pest & Disease Management campaign- 2021-22 under H/A 2401-00-103-87 Plan.

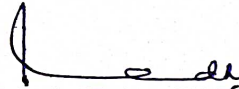
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DR. K. VASUKI IAS

DIRECTOR


JOINT DIRECTOR OF AGRICULTURE (PP)
DIRECTORATE OF AGRICULTURE
VIKAS BHAVAN, TRIVANDRUM.

1. To

All Principal Agricultural Officers and Project Directors, ATMA

Copy to

1. TA to Director of Agriculture
2. CA to all Additional DAs

File No.ADFW/4603/2021-TD1

3. All JDAs at HQ / SFO

4. Finance section

5. Planning section

6. SW section

7. Stock file/Spare

6. IT Cell for publishing in web site

Coconut Development Scheme 2021-22- District wise Component wise

H/A 2401-00-103-87 Plan

Sl. No	District	Workshop@Rs.10000/ for identification of Hotspots (Rs0.7 lakhs)		Block level training@25000 to Plant Protection groups in Integrated Pest Management (Rs. 1.75 lakhs)		Plant protection operations @ Rs.100/- per palm including cost of PPC and labour Rs.17500/- per ha		Unforeseen expenses (for State and District level meetings etc.)		Total Financial Target
		Physical	Fin	Physical	Fin	Physical	Fin	Physical	Fin	Fin
		Target	Target	Target	Target	Target	Target	Target	Target	Target
1	TVM	1	0.10000	1.00000	0.25000	40	7.00000			7.35000
2	TCR	1	0.10000	1.00000	0.25000	35	6.12500			6.47500
3	PGT	1	0.10000	1.00000	0.25000	40	7.00000			7.35000
4	MLM	1	0.10000	1.00000	0.25000	40	7.00000			7.35000
5	KKD	1	0.10000	1.00000	0.25000	40	7.00000			7.35000
6	KNR	1	0.10000	1.00000	0.25000	35	6.12500			6.47500
7	KGD	1	0.10000						0.3000	0.30000
8	HQ			7	1.7500	270	47.2500	0.0000	0.3000	50.0000
9	G.Total	7	0.70000							