

**PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE  
DIRECTORATE OF AGRICULTURE DEVELOPMENT AND FARMERS  
WELFARE DEPARTMENT, THIRUVANANTHAPURAM**

(Present:Dr.K.Vasuki IAS)

Sub:- Annual Plan 2021-22 – **Crop Health Management scheme** – Continuous Administrative  
Sanction accorded – orders issued.

Read:- 1) G.O.(Rt)No. 717/2017/AD dated.21.07.2017

2) Order No. TP (2) 12929/2019 Dated:16.05.2019

3) Order no.ADFW/482/2020-TP2 dated 08.06.2020

4) G.O.(Rt)No. 794/2019/Agri dated.18.08.2019

5) Annual Plan 2021-22

**ORDER NO. ADFW/3150/2021-TP2 Dated.23/04/2021**

Government of Kerala, have accorded Administrative sanction for the implementation of the scheme 'Crop Health Management' as per reference 1<sup>st</sup> cited during the year 2019-20 and Continuous Administrative sanction was accorded for implementation of the ongoing components of the scheme during the year 2019-20 and 2020-21 for continuing components vide reference 2<sup>nd</sup> and 3<sup>rd</sup> cited above. Administrative sanction was accorded for other new/modified components vide GO cited 4<sup>th</sup> above.

During the financial year 2021-22, there is a budget provision of Rs.770.00 lakh for the scheme 'Crop Health Management' under head of account 2401-00-107-78 (P). Out of this components worth Rs.755.00 lakh is continuing during 2021-22 also, the details of which are given below.

**1) Pest forecasting and advisory services**

**a) Development of Pests and Disease Surveillance System and**

**Advisories including the use of GPS for pest and disease surveillance**

**(Rs.100.00 lakh)**

The pest surveillance activities will be continued in all the 152 blocks in 282 Krishi Bhavans where plant health clinics are functioning. In addition to the existing 282 clinics, plant health clinics will be established in **five** newly selected Krishi Bhavans. Surveillance plots will be selected in all these 287 panchayats (existing 282 + 5 new) @ 10 plots per panchayat based on cropping pattern, covering paddy, vegetables, coconut, pepper and banana. However, the number

of surveillance plots may be reduced based on cropping pattern of the selected panchayats.

Activities envisaged under the component such as surveillance units, training, software development, technical materials, plant clinics and referral laboratories, community empowerment, farmer field schools, weather database recording and compilation and plant health advisory services will be continued in existing 282 panchayats and will be implemented in the newly selected five panchayats.

**a. Surveillance units**

Surveillance units will be established in 287 panchayats selected for the project during 2021-22 in farmers' fields. Two plots each will be selected in the panchayat for the crops paddy, coconut, banana, pepper and vegetables, if the area under these crops are above 5 ha. Thus total 10 plots will be selected in each panchayat and altogether 2870 plots from 152 blocks in 14 districts. Farmers will be provided assistance @ Rs.1000/- per plot. Soil samples will be collected from the newly selected surveillance plots in newly selected panchayats, based on which advisories will to be issued to farmers.

**b. Observation and data collection**

Technical officers should visit the surveillance units on scheduled days. For paddy and vegetables weekly visit and for banana fortnightly visits are proposed. For coconut and pepper monthly visit are proposed. The field assistants (pest scouts) should conduct the visit as per the schedule and record observations on pest/disease incidence. Observations should be noted in a register to be maintained at Krishi Bhavan level. The field level observations and data collected should be uploaded in the CPSS (Crop Pest Surveillance System) website through the GPS enabled hand held devices supplied for the purpose. Necessary support / training for uploading the data should be provided by the PGDPHM officers working in the block area. If necessary, a district level training should be arranged in consultation with IIITMK.

For facilitating the uploading of data from field level itself, internet connection will be allowed for the devices and the net charges will be reimbursed based on

actual utilization limiting to Rs.200/- per month.

In addition to fixed plot survey, rowing survey will be given emphasis covering all the hot spots of pests/ diseases in the block, based on action plan and route map finalized at block level. The surveillance and rowing survey data will be analysed and monthly reports at district level will be prepared with the help of District Plant Health Managers appointed on contract basis. For analyzing the data and preparation of district level reports, the service and technical support of PGDPHM officers should also be utilized.

**C. Multi Disciplinary Diagnostic Team (MDDT)**

One specialist each from Entomology, Pathology & Soil Science, one representative from Krishi Vigyan Kendra, one representative from Research Station, Project Director ATMA & Deputy Director (Training) shall be included in the District MDDT team. MDDT proposed as a part of pest and disease surveillance could also be utilized for diagnostic services in Plant Health Clinics and development of advisories. The team will make need based field visit and recommend suitable remedial measures.

An amount of **Rs.100.00 lakh** is set apart for surveillance and connected activities as shown below.

S l N o	Activities	Units	Rate (Rs)	Amount (Rs in lakhs)	Remarks
1	Assistance to surveillance units ( Panchayat)	2870	1000/-	28.70	@10plots/ panchayat for 287 KBs
2	Soil testing	50	300/-	0.15	05 KBs newly selected
3	Internet charges for data uploading using hand held devices	504 nos	200/- per month for 12 months	12.096	Reimbursement based on actual expenses limiting to Rs.200/- per month
4	Expenses for rowing survey	252 blocks	500/- per month for 12 months	12.12	To meet the hire charges of vehicles based on actual expenses
5	Travelling expenses	14 districts		35.00	
6	Printing and publishing				

	g Krishi Bhavan, block and district level crop health advisories and bulletins.	14 districts		10.00	
7	Other miscellaneous expenses			1.934	
	<b>Total cost</b>			<b>100.00</b>	

**b) Establishment of new Plant Health Clinics at Panchayat Level and strengthening of existing Plant Health Clinics (Rs.50.00 lakh)**

New Plant Health Clinics will be established in 05 newly selected Krishi Bhavans during 2021-22, in addition to the existing 282 clinics. For establishing 05 new clinics, an amount of **Rs.25.00 lakh** is set apart @ Rs.5.0 lakhs per clinic.

An amount of **Rs.25.00 lakh** is set apart for providing additional support including infrastructure support and to meet critical gaps of existing plant health clinics and district referral clinics like maintenance cost, operational cost, charges for mobility etc. The amount will be released as per need.

A total amount of **Rs.50.00 lakh** is earmarked for this component.

**2) Rodent Control and Management of wild animal attack (Rs.75.00 lakh)**

**a) Rodent Control**

One hundred numbers (100 no.s) of rodent control campaigns will be conducted during 2021-22 with an outlay of **Rs. 25.00 lakh @ Rs.25000/-** per campaign. It will be undertaken on a campaign mode covering the whole area (eg: panchayats/ municipal wards etc.). Wide publicity will be given and rodent control campaigns will be arranged with the involvement of all local self government institutions, government and non government institutions & agencies, peoples' representatives, public organizations, farmers' organizations etc. of the locality.

Rodent control campaigns will be conducted in the grama panchayats, Municipalities and Corporations identified as hotspots for major communicable diseases (including Leptospirosis) by 'Ardram Mission' of State Health Department.

An amount of Rs. 25000/- is earmarked for each rodent control campaign, for the following activities.

Sl. No.	Items	Amount (Rs.)
1	Publicity charges	2000
2	Cost of rodenticides, baiting materials etc	23000
	Total (for one campaign)	25000
	<b>Total ( for 100 campaigns)</b>	<b>25.00 lakh</b>

**b) Management of wild animal attack in cropped areas through technology support (Rs.50.00 lakh)**

An amount of Rs.50.00 lakh is set apart for application of successful local systems and practices prevalent for protection against wild animals and birds on a project mode like installing bee hive fencing system around gardens near forest areas susceptible to wild elephant attack with the technical support of ATMA, Wayanad. An amount of **Rs.50.00 lakh** is earmarked for this purpose.

**3) Development of nine Parasite Breeding Stations (Rs.25.00 lakh)**

There are 9 Parasite Breeding Stations (PBS) in the State engaged in the production of parasitoids of coconut leaf eating caterpillar. These are located in the districts of Thiruvananthapuram, Kollam, Alappuzha, Kottayam, Ernakulam, Thrissur, Malappuram, Kozhikode, Kasaragode. During 2021-22, the activities of these nine Parasite Breeding Stations will be strengthened by developing them as stocking centres for bio control agents as well as through promoting parasite breeding during 2021-22.

**Engaging man power on contract basis**

The present staff pattern of parasite breeding stations comprises of only one technical assistant and one or two gardener cum lab cleaner. The man power available at present in these stations is quite inadequate to enhance the activities of the PBS. Hence the service of one technically qualified officer with B.Sc (Agri) degree and one labourer per PBS is taken on contract basis with a honorarium of Rs.25000/- per month and Rs.8000/- per month respectively in a need based manner.

An amount of **Rs. 25.00 lakhs** is set apart for the purchase of essential items and equipments for the production of bio control agents and other infrastructure development including renovation/ construction of building and for making contract appointment of manpower in a need based manner for the proper functioning of the PBS.

**4) Honorarium to Field Assistants and District Plant Health Managers DPHM (Rs.500.00 lakh)**

There are 282 pest scouts attached to 282 existing plant health clinics. They are to be paid honorarium @ Rs.13000/-per month. In addition, 05 pest scouts are to be posted in the 05 plant health clinics to be newly started during 2021-22. Also honorarium have to be paid to District Plant Health managers (DPHM) posted in the districts and head quarters @ Rs.25000/- per month.

An amount of **Rs. 500.00 lakh** is set apart for the purpose.

**5) Operational Expenses of KCPM**

An amount of Rs.5.00 lakh is earmarked for the operational expenses of KCPM for the current year.

**Abstract of the scheme 'Crop Health Management' - 2021-22' is furnished below.**

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**File No.ADFW/3150/2021-TP2**

<b>Sl. No.</b>	<b>Component</b>	<b>Amount (Rs.in lakhs)</b>
<b>1</b>	<b>Pest forecasting and advisory services</b>	<b>150.00</b>
a	Development of Pests and Disease Surveillance System and Advisories including the use of GPS for pest and disease surveillance	100.00
b	Establishment of new Plant Health Clinics at Panchayat Level (5 no.) and strengthening of existing Plant Health Clinics	50.00
<b>2</b>	<b>Rodent Control and Management of wild animal attack</b>	<b>75.00</b>
a	Rodent Control	25.00
b	Management of wild animal attack in cropped areas through technology support	50.00
<b>3</b>	<b>Development of nine Parasite Breeding Stations</b>	<b>25.00</b>
<b>4</b>	<b>Honorarium to Field Assistants and District Plant Health Managers DPHM (Rs.500.00 lakhs)</b>	<b>500.00</b>
<b>5</b>	<b>Operational expenses of KCPM</b>	<b>5.00</b>
	<b>Total</b>	<b>755.00</b>

**(Rupees Seven crore and fifty five lakh only)**

In the circumstances mentioned above, Continuous Administrative Sanction is hereby accorded for the implementation of selected components of the scheme 'Crop Health Management 2021-22' for an amount of **Rs.755.00 lakh (Rupees Seven Crore and fifty five lakh only)**, debiting the expenditure to head of account **2401-00-107-78 Plan** from current year's budget provision. The scheme shall be implemented abiding by the terms and conditions stipulated in the Government Order read above.

Monthly progress report should invariably contain component wise physical and financial targets and achievements, number of beneficiaries and the stage of implementation of each component. Since the Government is giving emphasis to women participation and gender budgeting, maximum efforts have to be made to include women beneficiaries in farmer participatory components of the scheme. The number of women beneficiaries and the amount utilized for such beneficiaries (component wise) should also be separately shown in the monthly progress report.

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Sd/-  
**DR. K. VASUKI IAS**  
**DIRECTOR**

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Deputy Director of Agriculture (Plg)  
Directorate of Agriculture  
Thiruvananthapuram

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