

**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 1st 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 2nd and 3rd cited above. Administrative sanction was accorded for other new/modified components vide GO cited 4th 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

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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 I N o	Activities	Units	Rate (R s)	Amount (Rs in la khs)	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				