

**PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE , DIRECTORATE
OF AGRICULTURE DEVELOPMENT AND FARMERS' WELFARE,
VIKAS BHAVAN, THIRUVANANTHAPURAM**

(Present : Dr..K.Vasuki. IAS)

Sub: Annual Plan 2020-21 – **Crop Health Management** – Continuous
Administrative Sanction accorded – orders issued- reg:

- 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) G.O.(Rt)No. 794/2019/Agri dated.18.08.2019.
4) Annual Plan 2020-21
5) Circular No. S.S.1/132 (1)/2020/Fin dated.30.9.2020.
6) Circular no.21/2020/Fin dated.08/4/2020.
7) G.O.(Rt) No.393/2020/Agri dated.22/4/2020.

Order No. ADFW/482/2020-TP (2)

Dated.08.06.2020

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 for an amount of Rs.7970.00 lakhs. Continuous Administrative sanction was accorded for implementation of the ongoing components of the scheme during the year 2019-20 for an amount of Rs.972.875 lakh vide reference 2nd ^{cited.} Administrative sanction was accorded for other new/modified components vide GO cited 3rd above.

During the financial year 2020-21, there is a budget provision of Rs.781.00 lakh for the scheme 'Crop Health Management' under head of account 2401-00-107-78 (P). Out of this, an amount of Rs.2.40959 lakh was allotted for encashment of bills not e-submitted to treasury upto 31.3.2020 and can be submitted on or before 18/4/2020 as per circular cited (5) above and an amount of Rs. 96.90458 lakh was allotted for encashment of 'Queue' bills & WAMS clearance bills of 2019-20 as per circular cited (9) above. Hence the balance available for issuing Administrative sanction during 2020-21 is only Rs.681.68583 lakh as stipulated in the above mentioned circulars.

Components worth Rs.666.68583 lakh is continuing during 2020-21 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.106.68583 lakh)**

The pest surveillance activities will be continued in all the 152 blocks in 277 Krishibhavans where plant health clinics are functioning. In addition to the existing

277 clinics, plant health clinics will be established in the newly selected 05 Krishi Bhavans. Surveillance plots will be selected in all these 282 panchayats (existing 277 + 05 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 277 panchayats and will be implemented in the newly selected 05 panchayats.

a. Surveillance units

Surveillance units will be established in 282 panchayats selected for the project during 2020-21 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 2820 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 (500 nos) 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 IITMK.

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 utilisation 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.60.68583 lakh** is set apart for surveillance and connected activities as shown below.

SI No	Activities	Units	Rate (Rs)	Amount (Rs in lakhs)	Remarks
1	Assistance to surveillance units (Panchayat)	2820	1000/-	28.20	@10plots/ panchayat for 282 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 ltd. To 6.28183	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		3.50	
6	Printing and publishing Krishi Bhavan, block and district level crop health advisories and bulletins.	14 districts		10.00	
7	Other miscellaneous expenses			0.434	
	Total cost			60.68583	

b) Establishment of new Plant Health Clinics at Panchayat Level and strengthening of existing Plant Health Clinics (Rs.46.00 lakhs)

New Plant Health Clinics will be established in 05 newly selected Krishi Bhavans during 2020-21, in addition to the existing 277 clinics. For establishing 05 new clinics, an amount of **Rs.25.00 lakhs** is set apart @ Rs.5.0 lakhs per clinic.

An amount of **Rs.21.00 lakhs** 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.46.00 lakhs** is earmarked for this component.

2) Rodent Control and Management of wild animal attack (Rs.35.00 lakhs)

a) Rodent Control

One hundred numbers (100 no.s) of rodent control campaigns will be conducted during 2020-21 with an outlay of **Rs. 25.00 lakhs** @ 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 'Ardran 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
	Total (for 100 campaigns)	25.00 lakhs

b) Management of wild animal attack in cropped areas through technology support (Rs.10.00 lakh)

An amount of Rs.10.00 lakhs is set apart for providing assistance to install bee hive fencing system around gardens near forest areas susceptible to wild elephant attack with the technical support of ATMA, Wayanad. Other successful local systems

and practices prevalent for protection against wild animals and birds would also be assisted on a project mode. An amount of **Rs.10.00 lakhs** is earmarked for this purpose.

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

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 2020-21, 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 2020-21.

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 lakhs)

There are 277 pest scouts attached to 277 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 2020-21. 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.1.00 lakh is earmarked for the operational expenses of KCPM for the current year.

Abstract of the scheme 'Crop Health Management' - 2020-21' is furnished below.

Sl. No.	Component	Amount (Rs.in lakhs)
1	Pest forecasting and advisory services	106.68583
a	a) Development of Pests and Disease Surveillance System and Advisories including the use of GPS for pest and disease surveillance	60.68583
b	Establishment of new Plant Health Clinics at Panchayat Level (5 no.) and strengthening of existing Plant Health Clinics	46.00
2	Rodent Control and Management of wild animal attack (Rs.35.00 lakhs)	35.00
a	Rodent Control	25.00
b	Management of wild animal attack in cropped areas through technology support	10.00
3	Development of nine Parasite Breeding Stations	25.00
4	Honorarium to Field Assistants and District Plant Health Managers DPHM (Rs.500.00 lakhs)	500.00
5	Operational expenses of KCPM	1.00
	Total	667.68583

(Rupees Six Crores Sixty seven lakh sixty eight thousand five hundred and eighty three only)

In the circumstances mentioned above, Continuous Administrative Sanction is hereby accorded for the implementation of selected components of the scheme 'Crop Health Management 2020-21' for an amount of **Rs.667.68583 lakhs (Rupees Six Crores Sixty seven lakh sixty eight thousand five hundred and eighty three 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.

As per G.O read as reference (7) above, fund allocation for schemes have to be provided AEU wise. Accordingly, implementing sections at the Directorate of Agriculture will provide AEU wise fund allocation while issuing working instructions for the scheme.

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.

Sd/-

To

[Handwritten signature]
Deputy Director of Agriculture (P)
Directorate of Agriculture
Government of Karnataka
Director of Agriculture
TD section of the directorate for issue of detailed working instructions

Copy to

TA to Director of Agriculture, CA to All Additional Directors of Agriculture of the HQ, State Agricultural Engineer, Senior Finance Officer for information
IT section of the directorate for posting on the website