

TD(1)19769/18

Directorate of Agricultural
Development & Farmers' Welfare
Vikas Bhavan
Dated :23/05/2018
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CIRCULAR

Sub : Special Agricultural Zone (SAZ) for Infrastructure Development and filling of Critical Gaps-Establishment of Plant Health Clinics and organizing Crop Protection Campaign in Coconut 2018-19-Working instruction for implementation-orders issued - reg

Ref : 1) Order.No.TP(2)17170/18 dated 07/05/2018
2) GO(Ms)No.118/2017/AD dated 7/10/2017
3) GO(Ms)No.128/2017/AD dated 12/10/2017
4) GO(MS)No.22/2018 AD dated 19/02/2018
5) GO(Ms)No.23/2018/AD dated 20/02/2018

As per the order referred above sanction has been accorded for the implementation of the scheme Special Agricultural Zone (SAZ) for Infrastructure Development and filling of Critical Gaps-Establishment of Plant Health Clinics and organizing Crop protection Campaign in Coconut during 2017-18 with a budget outlay of Rs.1000 lakhs under the head of account 2401-00-102-79(P)

Special Agricultural Zone is a flagship programme to carry out focussed intervention in the cultivation of selected crops in 15 agricultural zones designated. Concentrated and scientific efforts will be made in the Special Agricultural Zone to provide all the facilities required for optimum crop production from seed to market through the integration and convergence of provision of ongoing schemes including the state schemes and central schemes.

Kole lands of paddy and major vegetable growing areas are included in the Special Agricultural Zones for development. And the main aim is enhancement in area and production of paddy and vegetables. As paddy and vegetables are prone to the attack of pest and diseases, timely detection of pest/disease attack and its control is inevitable and for this purpose establishment of Plant Health Clinics at the panchyath level and district level is proposed. Six panchayath level Plant Health Clinics and one District Referral Plant Health Clinic is sanctioned under the scheme with a total financial allocation of Rs.45 lakhs. (Rupees Forty Five lakhs only). In Special Agricultural Zones of Kozhikode(Vadagara) crop protection activities in coconut is included with a financial allocation of Rs.15 lakhs (Rupees Fifteen Lakhs only) and in Special Agricultural Zone of Devikulam-Idukki Bee Hive fencing with a financial allocation of Rs. 11.25 lakhs is also included.

Establishment of Plant Health Clinics at Panchayath Level and District Referral Plant Health Clinics

The major role of Plant Health Clinic lies in diagnostics and providing advisory. The activities of Plant Health Clinic should be extended beyond plant clinic, with emphasis on extension, keeping a vigil on invasive pathogen, promoting integrated pest management, monitoring pest/diseases distribution, their outbreak, issuing pest alerts, organising plant health campaigns for creating awareness regarding likely appearance of pests/diseases, strengthening mobile clinic approach during disease/pest outbreak, etc.

An ideal clinic is aimed at improving people's lives by providing information and applying scientific expertise to solve problems in agriculture and saving their crops from ravages of pests and diseases through timely diagnosis and suggesting remedial measures. Such clinics should be located in easily accessible area, signifying a plant hospital.

Precisely, clinic should be farmer-centric, with distinct identity, electronic-display of scrolling-text showing relevant message on plant health, exhibition hall with exhibits and coloured blow-ups of diseases/pests, well equipped library, agro-pharmacy, laboratories with traditional/new-age diagnostic tools (microscope with monitor attachment, digital-camera, etc)

The technical materials, field guidebooks as well as visuals of symptoms produced as part of pests and diseases surveillance project should be placed in the clinics. The clinics will also act as information centres on pests and diseases and plant health management. The available materials on pests and diseases including IT materials should be collected for the display in the clinics.

a) Plant Health Clinics at Panchayath level

An amount of Rs.5 lakhs is set apart for each Plant Health Clinic at panchayath level.

Materials and equipments required for plant clinics at Panchayat level

Items	Amount (in Rs)
Magnifiers	15000
pH Meter, salinity, EC box	10000
Insect showcase box, Hand lens	10000
Digital camera	15000
Tablet PC	10000
LCD projector and laptop	80000
Display board	100000
Exhibits	125000
Microscope	40000
Furniture	30000
Miscellaneous	30000
Books, periodicals and journals	20000
Portable PA system	15000
Total	500000

b) Referral Plant Health Clinics:-

An amount of Rs.15 lakhs is set apart for District Referral Plant Health Clinic.

Materials and equipments required for District Referral Plant Health Clinics

Items	Amount(Rs)
Exhibits including rollup exhibits	370000
Miscellaneous including renovation, furniture, LED TV, Projector, Laptop	265000
Insect box	50000
Stereo microscope with photography attachment	150000
Visualizer	15000
UPS cum Invertor	100000
Books, periodicals, Cd	35000
Digital camera and camcorder	50000
Binocular microscope with standard slides	125000
Magnifiers	15000
PH meter, salinity, EC box	25000
Honorarium for district Plant Health Specialist@Rs.25,000/-per month	300000
TOTAL	15,00,000

In Rice-Kole, Special Agricultural Zone of Thrissur & Malappuram 3 Plant Health Clinics at panchayath level with an assistance of Rs.5lakhs/clinic and one district Referral Plant Health Clinic with an assistance of Rs.15 lakhs will be established. The total fund earmarked for this Special Agricultural Zone is Rs.30 lakhs for this component.

In Devikulam-Idukki vegetable Special Agricultural Zone one Plant Health Clinic is proposed and Rs.5 lakhs is set apart for this purpose.

In Chittur-Nenmara vegetable Special Agricultural Zone of Palakkad two Plant Health Clinics will be established with a financial allocation of Rs.10 lakhs.

c) Demonstration of live fencing with honey bees (11.25 lakhs)

Farmers residing in forest border areas are facing serious threats from wild animals especially elephants and to scare away the elephants bee hive fencing is proposed. The sound of disturbed honey bees scare away the elephants and the low frequency sounds produced by them warn other elephants to keep away from that area. It is proposed to install 50 bee hive units with 25 boxes in one unit. The total cost of one unit is Rs.30,000/- with an assistance of Rs.22,500/- (75%).

In Devikulam-Idukki vegetable Special Agricultural Zone, installation of 50 beehive units as hive fencing will be done and the total funds earmarked for this purpose is Rs.11.25 lakhs.

d) Crop Protection Campaign in Coconut-Kozhikode (Rs.15 lakhs)

In Vadagara area of Kozhikode Special Agricultural Zone organizing integrated crop protection campaign in coconut seed producing areas including crown cleaning, Integrated Pest and Disease Management etc through Agro Service Centres will be organized. Rs.15 lakhs (Rupees Fifteen Lakhs) is set apart for the purpose.

Details of activities proposed and funds allotted in Special Agricultural Zones.

Sl. No	Special Agricultural Zone	Component	Number	Rate of assistance (Lakhs)	Amount sanctioned (lakhs)
1	Rice-Kole Thrissur	Plant Health Clinic	3	5	15.00
		District Referral Plant Health Clinic	1	15	15.00
2	Vegetables Devikulam-Idukki	Plant Health Clinic	1	5	05.00
		Bee hive fencing	50	0.225	11.25
3	Vegetables Chittur-Nenmara Palakkad	Plant Health Clinic	2	5	10.00
4	Coconut-Kozhikode	Crop Protection campaign in coconut			15.00
	Total				71.25

In the Rice-Kole Special Agricultural Zone of Thrissur 3 panchayath level Plant Health Clinics@Rs5 lakhs per Plant Health Clinic and one District Referral Plant Health Clinic@Rs.15 lakhs is sanctioned. In Vegetable Special Agricultural Zone of Devikulam, Idukki 1 panchayath level Plant Health Clinic with a financial allocation of Rs.5 lakhs and bee hive fencing with a financial allocation of 11.25 lakhs is sanctioned. In Vegetable Special Agricultural Zone of Chittur-Nenmara, Palakkad 2 panchayath level Plant Health Clinics for Rs.10 lakhs is sanctioned. In coconut Special Agricultural Zone of Kozhikode, Vadagara region an amount of Rs.15 lakhs is sanctioned for organising crop protection campaign in coconut.

Mode of Implementation

The Deputy Director of Agriculture (E&T) will implement the components Plant Health Clinics and bee hive fencing and Deputy Director of Agriculture (YP) will implement the component crop protection campaign in coconut.

Financial outlay

The total financial outlay of the project is **Rs.71.25 lakhs** and the amount can be met from Rs.1000 lakhs provided under the **HA/c 2401-00-102-79 (P)**.

Sd/-
Director of Agriculture

To

Principal Agricultural Officers and Project Directors, ATMA of Idukki, Thirissur,
Palakkad, Kozhikode & Malappuram

Plant Protection Officer
Agriculture Development and
Farmers Welfare Directorate
Vikas Bhavan, Tvpm-33

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