

TF(2)16622/18

Office of the Director of
Agriculture Development &
Farmers' Welfare Department
Thiruvananthapuram

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Date: 10/10/2018

CIRCULAR

Sub:- Paramparagat Krishi Vikas Yojana (PKVY) 2015-'16-under National Mission on Sustainable Agriculture (NMSA) -Release of first instalment of IInd year activities-Working instruction issued :- reg

Ref: - 1)Circular No.12181/15 dtd 30.12.2016 of Director of Agriculture
2)GO(Rt)No.268/2018/AGRI of Agri(Planning) Department dtd 27/3/2018,
Thiruvananthapuram
3)GO(Rt)No.246/2018/AGRI dtd Thiruvananthapuram,23/03/2018

Government of India launched "Paramparagat Krishi Vikas Yojana (PKVY)" in the year 2015-16 to promote Organic farming through adoption of organic village by cluster approach and aim by increased certified organic area under Participatory Guarantee System (PGS). Paramparagat Krishi Vikas Yojana is an elaborate component of soil Health Management (SHM) major project under National Mission on Sustainable Agriculture (NMSA). The scheme aims at development of models of excellence in organic farming through a mix of traditional wisdom and modern science in value chain mode to install sustainability, ensure long term soil fertility build up ,resource conservation and to offer safe and healthy food through organic practices without the use of agro-chemicals. PKVY also aims at empowering farmers through institutional development through cluster-approach.

The scheme is implemented as centrally sponsored scheme with 60:40 Central and State shares. An amount of Rs.593.42 Lakhs (GoI+GoK) has been allocated for the second year activities of PKVY clusters. Accordingly current financial year(2018-19) an amount of Rs. 248.4858 L (GoI+GoK) has been released as the First installment of second year activities of Paramparagath Krishi Vikas Yojana in the 119 already established cluster under the H/A 2401-00-1-09-65, Umbrella Scheme on Krishi Unnathi Yojana.

The amount Rs.248.4858 Lakhs pertains to the first half of second year activities of the clusters.The amount required for the second half of the second year activities will be released later.

Objectives :

- Promotion of commercial organic production through certified organic farming.
- Production of pesticide residue free products which will contribute to improve the health of consumers, adopting ecofriendly and low cost technology.
- Increase farmers income and create potential market for organic produce
- Motivate farmers for natural resource mobilization for input production.

Plan of Action

The programme is to be implemented through clusters of 50 acre (fifty acre) / 20 ha each in 119 clusters already formed in all the districts except Kasaragod and Wayanad. Assistance for various components should be allocated only on cluster basis. The activities should be conducted with the participation of **Lead Resource Person (LRP)**.

Scheme components include Trainings to trainers, Online registration of farmers, collection and testing of soil sample, process documentation of conversion into organic methods, inspection of field of cluster members, Residue analysis of samples in NAB Labs, Certification, Administrative expenses for certification, Use of biopesticides, Natural pest control methods, Packing labelling marketing and conduct of organic fairs etc.

Points to be Noted

The amount pertains to the first half of second year activities of the clusters. The amount required for the second half of the second year activities will be released later. Meeting of the LRPs should be conducted at district level before the commencement of activities. The farmer registration on **PGS webportal(pgsindia.ncof.gov.in)** should be completed at the earliest and it should be reported to Directorate of Agriculture before 29/10/2018.

Main Components of the scheme for the IInd year.(First half)

I. Adoption of PGS Certification through cluster approach

1. Training to trainers Lead Resource Person .

This component is intended to organize training to LRPs on following aspects

- i) Soil sample collection and quality control
- ii) Community infrastructure required for preparation of bio pesticides and bio-fertilizers.
- iii) Packaging, Labelling, Branding and marketing of Organic produces.

An amount of Rs.750/- allotted @ Rs.250/- per LRP for 3 days to each cluster for this purpose. .

2. Online Registration of Farmers.

Registration of farmers in PGS Portal for PGS certification with details like farm history, cropping pattern followed, inputs used, farmer pledge meetings, trainings and other details etc., for PGS certification.

Implementing officer may take the help of a Data entry operator from the funds available under administrative expenses available in the scheme for facilitating registration and certification process carried out in PGS Web portal. .

Rs.100/- per farmer will be provided for online registration activities.(Rs.5000/- per cluster is allotted)

3. Soil sample collection and testing

21 samples per year per cluster should be taken for analysis. LRPs will be responsible for collecting soil samples from fields. The sample will be tested by District/Central soil testing laboratories / ICAR / KAU laboratories. Based on the soil test results suitable package and practices of organic farming will be recommended to members of the cluster.

Rs. 190/- per sample will be provided. In a year 21 samples/cluster to be collected and analysed hence an amount of Rs.3990/- per cluster is allotted.

4. Process documentation of conversion into organic methods, inputs used, cropping pattern followed, organic manures and fertilizer used etc., for PGS certification

The implementing officers at Krishi Bhavan level should maintain the registers such as Meeting register, Training register, Peer Inspection Register and Local Group Survey Worksheet. The implementing Officer will maintain both hard and soft copies of details of packages of practices and PGS certification process of individual farmer at office.

The implementing officers at Krishi Bhavan should keep the photographs of activities conducted along with the register.

Rs.100/- will be allotted per member (50 nos) thus Rs.5000/- is allotted per cluster for this component.

5. Inspection of field of cluster members

LRPs of cluster will be responsible for inspection of each individual farmer's field for effective implementation of PGS certification. The details of observations on farming practices will be recorded and Farmer Diary will be maintained by LRPs. He

will also guide each farmer about various practices of organic farming and also record it in diary.

Rs.400 will be allotted per inspection such 3 inspections will be done per year. Rs.1200 will be allotted per cluster.

6. Residue Analysis of sample in NABL

LRP members through association of Implementing Officers will collect organic samples from selected field. The analysis of samples for pesticides and chemical residues will be done by sending samples to NABL laboratories.

Three (3) samples should be collected from each cluster. An amount of Rs.10000/- will be allotted per sample.

7. Certification

Participatory Guarantee System is an important initiative taken by the Government of India for the upgradation of the agriculture sector of the country. The system certifies organic products maintaining the requisite quality standards, including ensuring that the cultivation and production process is done complying the standards laid down for organic products. The products are certified as organic in the form of documented logo or a statement. This PGS certification will be given on the basis of inspection, documentation and sample testing.

Rs.2000/- will be allotted per cluster for certification.

8. Administrative expenses for certification

Assistance will be given to maintain an office for the cluster. Expenses of rental charges of office, salary of coordinator and data entry operator, computer, printer, stationeries etc.

An amount of Rs.8555/- will be allotted per cluster per year.

II) Adoption of organic village for manure management and biological nitrogen harvesting through cluster approach.

1. Conversion of land to organic

Support for conversion of land in to organic through preparation of annual action plan on the basis of soil testing and adopting suitable organic cultivation practices, buffering of land (making of pits / hedges around land) to prevent contamination.

An amount of Rs.50,000/- per cluster will be provided per year for conversion of land into organic.

2. Liquid Biopesticides

Dealing with pests is one of the facts of a farmer's life. Insects and other kinds of pests not only swallow a farmer's crop, but a farmer's income too. Pests reduce yield and reduce the quality of the crop, which reduces income. Thus biopesticides like *Trichoderma viridae*, *Pseudomonas fluroscens*, *Metarhizium*, *Beauveria bassiana*, *Paecilomyces*, *Verticillium* etc. are the best solution for this as they are much less damaging to human health and the environment.

Farmers can purchase bio inputs like *Pseudomonas fluroscence*, *Trichoderma viridae*, *Chitin pseudomonas*, *Bacillus thurigiensis*, *Beauveria bassiana* from State Biocontrol Lab, Mannuthy, Thrissur for purchase of biopesticides at following rates.

Each farmer member will be assisted for procuring liquid biopesticides for suppression of disease in crop plants. An assistance of Rs.25,000/- (ie Rs.500/acre) will be given to one cluster during the second year of scheme implementation.

3. Adoption of Natural Pest Control mechanism

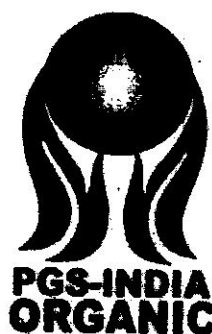
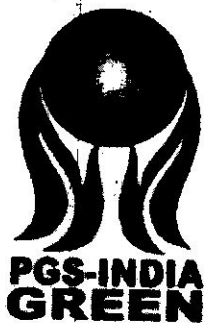
The goal of organic farming is to produce chemical-free healthy food. In order to minimize the usage of synthetic pesticides, natural pest control method is used. Here farmers can adopt any natural pest control mechanism easily available in their local area like neem oil, neem cake, tobacco deccotion etc.

An assistance of Rs.12605/- per cluster is allotted for procuring any natural pest control mechanism against of pest and diseases

III. Packing and Branding of Organic Produce

1. Packing, Labelling and Branding of organic products of cluster

Financial assistance will be given for procuring packing material, preparation of labels, Holograms, printing etc., and branding of organic products. PGS India Green Logo may be used for area under conversion and PGS India Organic logo may be used for completely converted organic area. The labelling may be designed consisting of name of cluster, district and unique product packing used for branding organic produce.



An amount of Rs.34,712/- per cluster is provided for procuring packing material, preparation of labels, Holograms, printing etc.

2. Organic Fairs

Organic fairs may conduct to encourage the farmers in organic agriculture. Financial assistance to meet the expenses of arranging stalls, rent charges, labour charges, publicity material, transportation and management of event. An amount of Rs.28000/- per cluster is allotted for conducting organic fairs.

Administrative charge kept at Head Quarter (at Directorate of Agriculture)

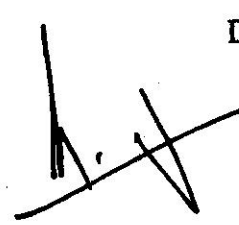
Financial support for conducting field visits, State level training programme to make awareness about registration of farmers under PGS webportal, providing technical guidance and effective monitoring of the scheme implementation will be obtained from 2% administrative cost provided to the states. Accordingly an amount of Rs.2.38 Lakhs has been set apart for administrative charges at Head Quarter (Directorate of Agriculture).

An abstract of the programme under the scheme is furnished in Annexure(i) and District wise physical and financial target of the scheme is given as Annexure(ii). The operational guidelines and PGS standards are already sent to you on 27/10/2016 and 23/12/2016. And also visit PGS webportal pgsindia-ncof.gov.in for Operational manual of PGS.

Monitoring

The scheme will be monitored by Additional Director of Agriculture (M) at State level and assisted by Joint Director of Agriculture (PP). Deputy Director of Agriculture, Organic farming Cell will coordinate the programme at State level. At the district level Principal Agriculture Officer will monitor and evaluate the scheme. The Deputy Director of Agriculture (NWDPR) will implement the scheme. Physical and financial wise progress under the scheme should be sent to Directorate in Annexure (iii) before 5th of every month.

Sd/-
Director of Agriculture


BABY GIRIJA. B, B.Sc (Ag), MBA
Deputy Director of Agriculture
State Organic Farming Cell
Directorate of Agriculture
Thiruvananthapuram

PARAMBARAGATH KRISHI VIKAS YOJANA(119 Clusters)

IInd year (2016-17)

		Amount in Lakhs		
Sl. No	Components /Activity	Total Assistance	GOI (60 %)	GOK (40 %)
A .Adoption of PGS Certification through cluster approach				
I	Training to Traniners (20 LRP @ Rs. 250/day /cluster for 3 days	0.8925	0.5355	0.3570
II	Online Registration of Farmers @ Rs. 100/ member cluster X 50	5.9500	3.5700	2.3800
III	Soil sample collection and testing (21 samples / year / cluster) @ Rs. 190/ sample for 3 years (2499 nos.)	4.7481	2.8489	1.8992
IV	Process documentation of conversion into organic methods , inputs used, cropping pattern followed, organic manures fertilizers used etc; for PGS certification @ Rs. 100/member X 50	5.9500	3.5700	2.3800
V	Inspection of field of cluster member @ Rs. 400/ inspection X 3 (3 inspection will be done / cluster / year) (357 nos.)	1.4280	0.8568	0.5712
VI	Residue analysis of samples in NABL	35.7000	21.4200	14.2800
VII	Certification charges @ Rs.2000/- per cluster	2.3800	1.4280	0.9520
VIII	Administrative Expenses for certification	10.1800	6.1080	4.0720
B. Adoption of organic village for manure management and biological nitrogen harvesting through cluster approach and Packing,Branding of organic produce.				
I	Conversion of land to Organic @ Rs. 1000/acre X 50 X 119	59.5000	35.7000	23.8000
II	Liquid Bio – pesticides @ Rs. 500 / acre X 50X 119	29.7500	17.8500	11.9000
III	Adoption of Natural Pest Control mechanism @ Rs. 500/acre X 50	15.0000	9.0000	6.0000
C.Packing Branding of Organic Produce				
IV	Packing material with PGS logo + Hologram printing @ Rs. 2500/ acre X 50	41.3072	24.7843	16.5229
V	Organic fairs	33.3200	19.9920	13.3280
	Total	246.1058	147.6635	98.4423
	Administrative charges (at Head Quarter)	2.38	1.4280	0.9520
	Sub Total	248.4858	149.0915	99.3943

Sd/-
Director of Agriculture

BABY GIRIJA. B. B.Sc (Ag). MBA
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State Organic Farming Cell
Directorate of Agriculture
Thiruvananthapuram

Annexure (ii)

Paramparagath Krishi Vikas Yojana (2016-17) -119 Clusters
 1st Year of Implementation (first half)

Components (sheet 1)

A. Adoption of PGS Certification through cluster approach														
Sl No	Name of Districts	No. of clusters	Administrative charge at HQ	I		II	III		IV	V		VI	VII	VIII
				Training to Trainers	Online Registration of Farmers		Soil sample collection and testing	Documentation		Inspection of field of cluster member	Residue analysis of samples in NAB			
		Phy	Fin(Rs. In lakhs)	Fin(Rs. In lakhs)	Fin(Rs. In lakhs)	Phy(sample collected)	Fin(Rs. In lakhs)	Fin(Rs. In lakhs)	Phy(nos)	Fin(Rs. In lakhs)	Phy(nos)	Fin(Rs. In lakhs)	Fin(Rs. In lakhs)	Fin(Rs. In lakhs)
1	Thiruvananthapuram	9		0.0675	0.4500	189	0.3591	0.4500	27	0.1080	27	2.7000	0.1800	0.7695
2	Kollam	10		0.0750	0.5000	210	0.3990	0.5000	30	0.1200	30	3.0000	0.2000	0.8555
3	Pathanamthitta	10		0.0750	0.5000	210	0.3990	0.5000	30	0.1200	30	3.0000	0.2000	0.8555
4	Alappuzha	10		0.0750	0.5000	210	0.3990	0.5000	30	0.1200	30	3.0000	0.2000	0.8555
5	Kottayam	10		0.0750	0.5000	210	0.3990	0.5000	30	0.1200	30	3.0000	0.2000	0.8555
6	Idukki	10		0.0750	0.5000	210	0.3990	0.5000	30	0.1200	30	3.0000	0.2000	0.8555
7	Ernakulam	10		0.0750	0.5000	210	0.3990	0.5000	30	0.1200	30	3.0000	0.2000	0.8555
8	Thrissur	10		0.0750	0.5000	210	0.3990	0.5000	30	0.1200	30	3.0000	0.2000	0.8555
9	Palakkad	10		0.0750	0.5000	210	0.3990	0.5000	30	0.1200	30	3.0000	0.2000	0.8555
10	Malappuram	10		0.0750	0.5000	210	0.3990	0.5000	30	0.1200	30	3.0000	0.2000	0.8555
11	Kozhikode	10		0.0750	0.5000	210	0.3990	0.5000	30	0.1200	30	3.0000	0.2000	0.8555
12	Kannur	10		0.0750	0.5000	210	0.3990	0.5000	30	0.1200	30	3.0000	0.2000	0.8555
13	Head Quarter		2.3800											
	TOTAL	119	2.3800	0.8825	5.9500	2499	4.7481	5.9500	357	1.4280	357	35.7000	2.3800	10.1800

Annexure (ii)

Paramparagath Krishi Vikas Yojana (2016-17) -119 Clusters

1st Year of Implementation (first half)

Components (sheet II)

Sl No	Name of Districts	B. Adoption of organic village for manure management and biological nitrogen harvesting through cluster approach				C. Packing, Branding of organic produce.			Total Amount (Rs. In Lakhs)
		I	II	III	IV	V	Organic falls		
		Conversion of land to Organic	Liquid Bio - pesticides	Adoption of Natural Pest Control mechanism					
		Fin(Rs. In lakhs)	Fin(Rs. In lakhs)	Fin(Rs. In lakhs)				Fin(Rs. In lakhs)	
1	Thiruvananthapuram	4.5000	2.2500	1.1345	3.1240	2.5200		18.6126	
2	Kollam	5.0000	2.5000	1.2605	3.4712	2.8000		20.6812	
3	Pathanamthitta	5.0000	2.5000	1.2605	3.4712	2.8000		20.6812	
4	Alappuzha	5.0000	2.5000	1.2605	3.4712	2.8000		20.6812	
5	Kottayam	5.0000	2.5000	1.2605	3.4712	2.8000		20.6812	
6	Idukki	5.0000	2.5000	1.2605	3.4712	2.8000		20.6812	
7	Ernakulam	5.0000	2.5000	1.2605	3.4712	2.8000		20.6812	
8	Thrissur	5.0000	2.5000	1.2605	3.4712	2.8000		20.6812	
9	Palakkad	5.0000	2.5000	1.2605	3.4712	2.8000		20.6812	
10	Malappuram	5.0000	2.5000	1.2605	3.4712	2.8000		20.6812	
11	Kozhikode	5.0000	2.5000	1.2605	3.4712	2.8000		20.6812	
12	Kannur	5.0000	2.5000	1.2605	3.4712	2.8000		20.6812	
								2.3800	
	TOTAL	59.5000	29.7500	15.0000	41.3072	33.3200		248.4858	

Sd/-

Director of Agriculture

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 Deputy Director of Agriculture
 State Organic Farming Cell
 Directorate of Agriculture
 Thiruvananthapuram

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PARAMBARAGATH KRISHI VIKAS YOJANA(119 Clusters)

II nd year (2016-17)- Progress Report

Name of District:-

Month:-

Name of District:-

Sl. No	Components / Activity	Physical (No)		Financial (in Lakhs)	
		Target	Achievement	Target	Achievement
A .Adoption of PGS Certification through cluster approach					
I	Training to Traniners (20 LRP @ Rs. 250/day /cluster for 3 days				
II	Online Registration of Farmers @ Rs. 100/ member cluster X 50				
III	Soil sample collection and testing (21 samples / year / cluster) @ Rs. 190/ sample for 3 years (2499 nos.)				
IV	Process documentation of conversion into organic methods , inputs used, cropping pattern followed, organic manures fertilizers used etc; for PGS certification @ Rs. 100/member X 50				
V	Inspection of field of cluster member @ Rs. 400/ inspection X 3 (3 inspection will be done / cluster / year) (357 nos.)				
VI	Residue analysis of samples in NABL				
VII	Certification charges @ Rs.2000/- per cluster				
VIII	Administrative Expenses for certification				
B. Adoption of organic village for manure management and biological nitrogen harvesting through cluster approach and Packing.Branding of organic produce.					
I	Conversion of land to Organic @ Rs. 1000/acre X 50 X 119				
II	Liquid Bio – pesticides @ Rs. 500 / acre X 50X 119				
III	Adoption of Natural Pest Control mechanism @ Rs. 500/acre X 50				
C. Packing Branding of Organic Produce					
IV	Packing material with PGS logo + Hologram printing @ Rs. 2500/ acre X 50				
V	Organic fairs				
	Total				