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Government of India
Ministry of Agriculture and Farmers Welfare
Department of Agriculture, Cooperation and Farmers Welfare

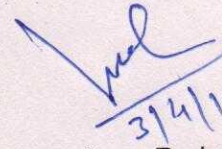
Krishi Bhawan, New Delhi
Dated: 3rd April, 2017

OFFICE MEMORANDUM

Sub: Guideline for Model Organic Cluster Demonstration and Model Organic Farm under Paramparagat Krishi Vikas Yojana (PKVY) scheme-reg.

In supersession of this Ministry OM of even number dated 3rd February, 2017 the undersigned is directed to enclose herewith the revised Guideline for Model Organic Cluster Demonstration and Model Organic Farm under Paramparagat Krishi Vikas Yojana (PKVY) scheme for implementation and further necessary action.

This issue with the approval of competent authority.



3/4/17

(Vandana Dwivedi)
Additional Commissioner (INM)

Distribution:

1. PPS to Secretary (AC & FW), Krishi Bhawan, New Delhi.
2. DG, ICAR, Krishi Anusandhan Bhawan –II, Pusa, New Delhi-12
3. DDG (Extension), ICAR, Krishi Anusandhan Bhawan –II, Pusa, New Delhi-12(With the request to circulate guidelines to all KVKs for the implementation).
4. DG, National Seed Cooperation, Beej Bhawan, Pusa Complex, New Delhi.
5. Managing Director, Small Farmers' Agribusiness Consortium(SFAC),NCUI, Auditorium Building,5th floor,3 Siri Institutuion Area, August Kranti Marg, Hauz Khas, New Delhi.
6. PPS to Additional Secretary & Financial Advisor, Krishi Bhawan, New Delhi.
7. PPS to Additional Secretary (UKS), Krishi Bhawan, New Delhi.
8. PPS to Additional Secretary (AD), Krishi Bhawan, New Delhi.
9. PPS to Joint Secretary (INM), Krishi Bhawan, New Delhi.
10. PPS to Joint Secretary (Crops), Krishi Bhawan, New Delhi.
11. Additional Commisioner (RFS), Krishi Bhawan, New Delhi.
12. Deputy Commisioner (INM), Krishi Bhawan, New Delhi.
13. Director NCOF, Ghaziabad. (With the request to upload the Guideline on NCOF portal)
14. Director, CFQCTI, Faridabad
15. Director of Agriculture (All States)/UTs (including Hilly/North Eastern Region States)
16. All State Agriculture Universities
17. All Central Agriculture Universities
18. Room No-349, NIC, for upload in Agricoop Portal.

Guidelines

For

(As on 03.04.2017)

Model Organic Cluster Demonstration and Model Organic Farm under PKVY scheme

Implementation guidelines on Model Organic Cluster Demonstration and Model Organic Farm under PKVY scheme.

Introduction:

Considering the existing potential of organic farming and the future demand for organic produce, the Government is promoting organic farming across the country through the Paramparagat Krishi Vikas Yojana (PKVY), under National Mission of Sustainable Agriculture (NMSA). This is a centrally sponsored scheme being implemented by the states governments through a cluster approach along with Participatory Guarantee System (PGS) of certification. At present, under this scheme there is no direct involvement of Indian Council of Agricultural Research (ICAR), State Agricultural Universities (SAUs), Central Agricultural Universities (CAUs), Krishi Vigyan Kendra (KVK), National Centre for Organic Farming (NCOF) & Regional Centres for Organic Farming (RCOFs) which have good knowledge of organic farming technologies and have availability of large number of field farms & infrastructure. Accordingly the guidelines have been framed.

Model Organic Cluster Demonstrations: - To promote organic farming among the rural youth, farmers and consumers, there is a need to organize/conduct organic cluster demonstrations under the active supervision of the Experts/Scientists/Subject Matter Specialist (SMS) of the ICAR Institutions, State Agricultural Universities (SAUs), Central Agricultural Universities (CAUs), Krishi Vigyan Kendras (KVKs), Farmers Producers Organizations (FPOs), PGS-RCs registered with NITI Ayog and other Public Sector Organizations of DAC & FW. This programme will serve as a vehicle through which the latest technologies of organic farming approved under Paramparagat Krishi Vikas Yojana (PKVY) scheme can be disseminated among various stakeholders.

1.1 Objectives of Model Cluster Demonstrations:

- To organize/conduct Model organic cluster demonstrations at farmer's field across the country.
- To boost/promote organic farming among rural youth/farmers/consumers/traders.
- To disseminate the latest technologies of organic farming in one or more clusters approved under Paramparagat Krishi Vikas Yojana (PKVY) scheme.
- To utilize the services of well qualified experts of ICAR Institutions/SAUs/CAUs/KVKs and other public sector organizations.
- To organize atleast one organic cluster demonstration in a village and each institution shall conduct 03 model organic cluster demonstration in surrounding villages.

1.2 Area of operation:

- Organic cluster demonstrations shall be conducted in villages at farmers' field under scheme guidelines.
- Maximum 03 Model organic cluster demonstrations shall be allocated to each organization with a minimum of one cluster in one village in one year.

1.3 Implementing Agency(IA):

The organic cluster demonstration shall be organized/conducted/implemented under the active supervision of experts/scientists/subject matter specialists(SMS) of Indian Council of Agricultural Research(ICAR) Institutions, State Agricultural Universities (SAUs), Central Agricultural Universities (CAUs), Krishi Vigyan Kendras (KVKs), National Seed Corporation (NSC), Small Farmers Agri Consortium (SFAC), Farmers Producers Organizations (FPO), National Center of Organic Farming (NCOF), Regional Center of Organic Farming (RCOF), Participatory Guarantee System(PGS)-Regional Councils(RCs) registered with NITI Ayog and other Public Sector Organizations of DAC & FW. A project demonstration team will be formed by these implementing agencies (IAs) for better focus & timely implementation.

1.4 Monitoring Agency:

- The organic cluster demonstrations shall be monitored by the expert team of INM Division of Department of Agriculture, Cooperation & Farmers' Welfare, and State Governments.
- The quarterly Physical & Financial Progress Reports of the Model Organic Cluster Demonstrations shall be monitored regularly by Organic farming cell of DAC & FW with the implementing agencies.
- After completion of 03 years of the scheme, impact evaluation study will be conducted by an authorized agency of the central Government.

1.5 Funding Pattern:

In case of demonstration by institutions/agencies the funding pattern is 100% grant from Central Government which will require necessary approval of the competent authority. In case of Regional Councils (RCs) of National Center of Organic Farming (NCOF) registered with Niti Aayog shall also be eligible to be the implementing agencies with the condition that atleast 10% of the total project cost shall be contributed by them.

1.6 Fund Allocation :

The funds for Model Organic Farms shall be provided by the INM Division of DAC & FW, M/o Agriculture, and Farmers' Welfare to the implementing agencies. An action plan shall be prepared and submitted to INM Division of DAC & FW for financial assistance under Paramparagat Krishi Vikas Yojana (PKVY) Scheme. A project monitoring committee shall appraise the proposals and recommend for implementation.

1.7 Organic Area Selection Criteria:

- The proposed model demonstration cluster shall be 50 acres or 20 hectare in extent and as contiguous area as possible. Of the total number of farmers in a cluster, a minimum of 65% of the farmer should belong to small & marginal categories. Thus minimum criteria of inclusion should as far as practicable be fulfilled at cluster level and where not possible, it should be satisfied at Mandal/Block/Taluka or District level.
- The ceiling of subsidy that a member farmer is eligible shall be a maximum of one hectare and the total financial assistance eligible for a 50 acre or 20 hectare cluster shall be a maximum of Rs. 10(Ten) lakh for farmer members and Rs. 4.95 lakh for mobilization and Participatory Guarantee System (PGS) Certification.

1.8 Patter of assistance for Model Demonstration Cluster:

The organic cluster demonstration shall be conducted as per the following guidelines:

Paramparagat Krishi Vikas Yojana (PKVY)						
S.No.	Component	Pattern of Assistance				Remarks
1.	Adoption of PGS certification through cluster approach	1 st year	2 nd year	3 rd year	Total	Implementing Agency (IA) shall propose to Organic Farming Cell. The Organic Farming Cell forward to NCOF for number of clusters for PGS certification.
1.1	Mobilization of farmers/ local people to form cluster in 50 acre for PGS certification	-	-	-	-	

1.1.1	Conducting of meetings and discussions of farmers in targeted areas to form organic farming cluster @ Rs.200/farmer	10000	0	0	10000	IA will identify targeted 50 acre /20 hectare area of cultivated fields of farmer for formation of cluster. IAs will conduct meeting of farmers of the targeted area to facilitate to form one cluster
1.1.2	Exposure visit to member of cluster to organic farming fields @ Rs.200/farmer	10000	0	0	10000	After formation of cluster, an exposure visit for members will be arranged by IA to create more practical knowledge and awareness about organic farming.
1.1.3	Formation of cluster, farmer pledge to PGS and Identification of LRP from cluster					IAs will identify one lead resourceful person (LRP) from the cluster who represents the cluster and becomes Trainer of Trainer (TOT).
1.1.4	Training of cluster members on organic farming (3 trainings @ Rs.20000 per training)	60000	0	0	60000	IAs will organize three (3) trainings separately for members of cluster within early 6 months of project. 1.1 st Training will be given on following: (i) Raising seedlings/plants in nurseries. (ii)Organic seed production. 2. 2 nd Training on manure and composting; (i) Green manure plantation and bund planting. (ii) Production and use of compost and vermicompost. 3. 3 rd Training on Bio fertilizer and Bio pesticides; (i) Production and use of Panchagavya, Beejamruth, Jeevamruth etc. (ii) Use of Bio fertilizer (seed/seedling treatment, seed treatment, drip irrigation, spraying, handling of bio fertilizers and bio pesticides.
	Total	80000	0	0	80000	

1.2	PGS Certification and Quality control					
1.2.1	Training on PGS Certification in 2 days @ Rs.200 per LRP	400	0	0	400	<p>Training will be organized for 20 LRPs for two days on following:</p> <ul style="list-style-type: none"> (i) Registration of farmers. (ii) Organic production and process documentation. (iii) Preparation of annual action plan. (iv) Maintenance of meeting and training register, data management. (v) Administration, roles, and responsibility of cluster in promotion of PGS certified organic farming.
1.2.2	Training of Trainers (20) Lead Resource Persons @ Rs.250/day/cluster for 3 days	0	750	0	750	<p>IAs will organize training for three days for LRPs on the following:</p> <ul style="list-style-type: none"> (i) Soil sample collection and quality control (ii) Packaging, labeling, branding and marketing of organic produce (iii) Community infrastructure required for preparation of bio pesticides and bio-fertilizers.
1.2.3	Online Registration of farmer @ Rs.100 per member cluster x 50	0	5000	5000	10000	<p>Registration of farmer in PGS certification system with details like far history, cropping pattern followed, inputs used, farmer pledge, meetings, trainings and others details etc., for PGS certification. Data entry operator and consultant appointed at each cluster will be responsible for maintaining data.</p>
1.2.4	Soil sample collection and testing (14 samples for first & second year/cluster and 12 samples during third year/cluster) @ Rs.300 per sample for three years.	4200	4200	3600	12000	<p>LRPs will be responsible for collecting soil samples from both agricultural and horticultural fields. They will be tested by State/Central soil Testing laboratories /ICAR. SAUs laboratories. Based on the soil test results suitable package and practices of organic farming will be recommended to members of a cluster.</p>

1.2.5	Process documentation of conversion into organic methods, inputs used, cropping pattern followed, organic manures and fertilizer used etc., for PGS certification @ Rs.100 per member x 50	5000	5000	5000	15000	The data entry operator and consultant will maintain both hard and soft copies of details of packages of practices and PGS certification process of individual farmer at office of cluster.
1.2.6	Inspection of fields of cluster member @ Rs.400/inspection x 3 (3 inspections will be done per cluster per year)	1200	1200	1200	3600	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.
1.2.7	Residue analysis of samples in NABL (8 samples per year per cluster) @ Rs.10,000/- sample	0	80000	80000	160000	LRP members through association of IA 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.
1.2.8	Certification Charges	0	2000	0	2000	PGS certification will be given on the basis of inspection, documentation, and sample testing.
1.2.9	Administrative expenses for certification	26150	16900	16900	59950	Assistance to maintain office of a cluster, to meet the expenses of rental charges of office, salary of coordinator and data entry operator, office furniture, computer, painter, stationeries etc.
	Total	36950	115050	111700	263700	
2.	Manure management and biological nitrogen harvesting					IAs shall propose to adopt an action plan for adoption of organic farming practices.
2.1	Action Plan for Organic Farming for one cluster					Implementing Agencies shall be provided assistance as Grant-in-Aid for adoption of organic farming.
2.1.1	Conversion of land to organic @ Rs.1000/acre	50000	50000	50000	150000	Support for conversion of conventional land to organic land

	x 50					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.
2.1.2	Introduction of cropping system; Organic seed procurement or raising organic nursery @ Rs.500/acre/year x 50 acres	25000	25000	25000	75000	Annual Action Plan will be prepared and suitable organic cropping system based on soil testing will be introduced. Each farmer member will be assisted for land preparation, plant protection, labour charges and other materials required for raising organic seeds/planting material in the farm field.
2.1.3	Traditional organic Input Production Units like Pachagavya, Beejamruth and Jeevamruth etc. @ Rs.1500/unit/acre x 50 acre	75000	0	0	75000	Each farmer member will be assisted for procurement of materials required (glass, plastic bottles, drum, filters, sprayers, other utensils etc.) for construction and operation of organic input production units.
2.1.4	Biological Nitrogen Harvest Planting (Gliricidia, Sesbania, etc.) @ Rs.2000/acre x 50 acre	50000	25000	25000	100000	Each farmer member will be assisted for procurement of seeds, preparation of land/pits, labour etc. For plantation of nitrogen harvesting plants.
2.1.5	Botanical extracts production units Rs.1000/unit/acre x 50 acre	50000	0	0	50000	Each farmer member will be assisted for procurement of materials required (glass or plastic bottles, drum, filters, sprayers, other utensils etc.) for construction and operation of botanical extract production units.
	Total	250000	100000	100000	450000	
2.2	Integrated Manure Management					
2.2.1	Liquid Bio-fertilizer consortia (Nitrogen fixing/ Phosphate Solubilizing/ potassium mobilizing bio-fertilizer) @ Rs.500/acre x 50	25000	0	0	25000	Each farmer member will be assisted for procuring liquid bi-fertilizer and its application to soil/seed to increase crop production.

2.2.2	Liquid Biopesticides (Trichoderma viridae, Pseudomonas, fluorescens, Matarhizium, Beaviourie bassiana, Pacelomyces, verticillium) 2 Rs.500/acre x 50	0	25000	0	25000	Each farmer member will be assisted for procuring and application of liquid bio- pesticides for suppression of disease in crop plants.
2.2.3	Farmer can take up any natural pest control mechanism easily available in their local area @ Rs.500/acre x 50	0	25000	0	25000	Each farmer member will be assisted for procuring any natural pest control mechanism for control of pest and diseases.
2.2.4	Phosphate Rich Organic Manure (PROM) as per specification given in FCO,1985 @ Rs.1000/acre x50	50000	0	0	50000	<i>Each farmer member will be assisted for procuring and application of Phosphate Rich Organic Manure to soil to meet phosphorus/organic carbon and other micronutrients deficiency in soil.</i>
2.2.5	Vermi compost (size 7'x3'x1') @Rs.5000/unit x 50	250000	0	0	250000	Each farmer member will be assisted for procurement of each worm's preparation of pits, construction of brick wall, labour charges, and other raw materials, required for construction of vermin composting units.
	Total	325000	50000	0	375000	
2.3	Custom Hiring Centre (CHC) charges					
2.3.1	Agricultural implements (As per SMAM guidelines): i. Power tiller ii. Cono weeder iii. Paddy thresher iv. Furrow opener v. Sprayer vi. Rose can vii. Top Pan balance	15000	15000	15000	45000	Financial assistance will be given for a cluster to manage their members to pay the charges of custom hiring centre for utilizing the agricultural implements (Power tiller, Cono weeder, Paddy thresher, Furrow opener, Rose can, Top balance) for processing/ grading/ cleaning/ threshing of organic produce and land preparation etc., it is assumed that CHC under SMAM is sanctioned.
2.3.2	Walk in tunnels for horticulture (as per guidelines of MIDH)	0	0	0	0	IA may seek any additional financial support under MIDH restricted to support maximum one hectare per

						farmer
2.3.3	Cattle shed/ poultry/ piggery for animal compost (As per Guidelines of Gokhul Scheme)	0	0	0	0	IA may seek any additional financial support under Gokhul Scheme.
	Total	15000	15000	15000	45000	
2.4	Packing, Labeling and Branding or organic products of cluster					
2.4.1	Packing material with PGS logo + Hologram printing @ Rs.2500/acre x 50	0	62500	62500	125000	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 labeling may be designed consisting of name of cluster, district, and unique product packing used for branding organic produce.
2.4.2	Transportation charges for Organic produce for marketing @ Rs 800 /farmer/year/cluster	40000	40000	40000	120000	Financial assistance will be given for collection and transportation of organic produce to market places.
2.4.3	Organic Fairs (Maximum assistance will be given @ 36330 per cluster)	0	36330	0	36330	Financial assistance to meet the expenses of arranging stalls, rent charges, labour charges, publicity material, transportation, and management of event.
	Total	0	218830	62500	281330	
	Grand Total	7,06,950	4,98,880	2,89,200	14,95,030	

2. Model Organic Farm :

Several of the Central and State Govt. organizations and other Public Sector Organizations have their own farms to demonstrate technologies in various farming practices. Therefore, these institutions shall develop a model Organic Farm in their premises including production of organic seeds and dissemination of technologies of organic farming among the farmers and rural youth. Assistance is available for establishment of various organic production units i.e. biofertilisers, biopesticides,

natural pest control mechanism units, phosphate rich organic manure (PROM), vermi-composting units etc.

2.1 Objectives of a Model Demonstration Farm :

- To demonstrate conversion of conventional land into organic farming practices in 1 ha parcels.
- To National Centre for Organic Farming develop such model organic farms, each institution shall develop the same upto 3 ha area.
- To disseminate the latest technologies of various units of organic inputs production.
- To organize exposure visits of farmers to model farms.

2.2 Area of operation :

- Model Organic farm demonstrations shall be conducted at institutions.
- Maximum 03 Model organic farm demonstrations shall be allocated to each organization with a minimum of one farm in one institution in one year.

2.3 Implementing Agency:

The Model organic farm shall be organized/conducted/implemented under the active supervision of experts/scientists/subject matter specialists(SMS) of Indian Council of Agricultural Research(ICAR) Institutions, State Agricultural Universities (SAUs), Central Agricultural Universities (CAUs), Krishi Vigyan Kendras (KVKs), National Seed Corporation (NSC), Small Farmers Agri Consortium (SFAC), Farmers Producers Organizations, National Center of Organic Farming (NCOF), Regional Center of Organic Farming (RCOF), Participatory Guarantee System(PGS)-Regional Councils(RCs) registered with NITI Ayog and other Public Sector Organizations of DAC & FW. A project demonstration team will be formed by these implementing agencies (IAs) for better focus & timely implementation.

2.4 Monitoring Agency:

- The Model Organic Farms shall be monitored by the expert team of INM Division of Department of Agriculture, Cooperation & Farmers' Welfare, and State Govts.
- The quarterly Physical & Financial Progress Reports of the Model Organic Cluster Demonstrations shall be monitored regularly by Organic farming cell of DAC & FW with the implementing agencies.

- After completion of three years of the scheme, impact evaluation study will be conducted by the authorized agencies of Central Government.

2.5 Funding Pattern:

In case of model organic farm by Institutions and Other Agencies, the funding pattern will be 100% from Central Government subject to prior approval from the competent Authority. National Center of Organic Farming (NCOF) shall contribute atleast 10% of the total project cost.

2.6 Fund Allocation:

The funds for Model Organic Farms shall be provided by the INM Division of DAC & FW, M/o Agriculture, and Farmers' Welfare to the implementing agencies. An action plan is to be prepared and directly submitted to INM Division of DAC & FW for financial assistance under Paramparagat Krishi Vikas Yojana (PKVY) Scheme. A PAC shall appraise the proposals and recommend for implementation.

2.7 Guidelines of Model Demonstration Farm:

The demonstration of model organic farm shall be developed by implementing agencies (IAs) as per the following guidelines:

PKVY- Model Demonstration Farm.

S. No.	Name of Component	Norms of Assistance
1.	Establishment of Organic Units	
i.	Liquid Bio- fertilizers unit	@ Rs. 1250/- per ha for 3 years.
ii.	Liquid Bio - pesticides unit	@ Rs. 1250/- per ha for 3 years.
iii.	Natural Pest control mechanism	@ Rs. 1250/- per ha for 3 years.
iv.	Phosphate Rich Organic Manure unit (PROM)	@ Rs. 2500/- per ha for 3 years.
v.	Vermi- compost unit(Size 7'X3X1')	@ Rs. 5000/- per unit for 3 years.
vi.	Organic seed/nursery raising, procurement	@ Rs. 1250/- per ha per year (Total Rs. 3750/- for 3 years).
vii.	Production units i.e. Pachagavya/Beejamruth/ Jeevamruth etc.	@ Rs. 3750/- per ha per unit for 3 years.
viii.	Green Manuring/Biological Nirtogen Harvest Planting	@ Rs. 5000/- per ha for 3 years.
ix.	Botanical extracts production units	@ Rs. 2500/- per ha for 3 years.
2.	Mobilization of farmers.	
i.	Meetings and discussions of farmers	@ Rs. 200/- per farmer (Total Rs. 10,000/ - for 3 years)
ii.	Exposure visit of farmers	@ Rs. 200/- per farmer (Total Rs. 10,000/- for 3 years)
iii.	Organic Fairs	Rs. 1500/- per ha for 3 years
3.	Custom hiring centre for agricultural implements	@ Rs. 750/- per ha per year (Total Rs. 2250/- for 3 years)
	Total Allocation	Rs. 50,000/-

Note: 5% of total amount allocation may be used for labour/land preparation or other miscellaneous items.