

OPERATIONAL GUIDELINES FOR PROMOTION FOR REJUVENATION OF OLD ORCHARD UNDER NATIONAL HORTICULTURE MISSION

Selection of beneficiary:

- The selection of beneficiaries should be in cluster approach for better impact and implementation.
- All the orchards in a cluster should be included in the programme.
- Farmers having mango / litchi plantation should only be selected.
- The beneficiaries should agree to implement the programme in his orchard and to provide the balance input required for the success of the programme.

Operational Procedure:

- The minimum area should be 0.4 ha and maximum of 2.0 ha per beneficiary.
- The inputs should be applied at proper time for better result. For this inputs should be procured by the farmer well in advance for application.
- Either rejuvenation, canopy management or both can be taken up under this programme.

Monitoring:

- Field staffs should be instructed to remain present at the time of application of inputs.
- The DDH, Horticulturist /AHO should visit those orchards while on tour.
- The inputs applied under this programme should be recorded properly.
- The list of beneficiaries along with impact of the programme should be maintained at the Horticulturist /AHO level.

Pattern of Assistance:

- The rate of assistance is 50% subject to maximum of Rs.15000/- per ha limited to 2 ha per beneficiaries.
- Subsidy is permissible for a minimum area of 0.4 ha and up to maximum 2.0 ha for mango / litchi crop for an individual beneficiary.

Release of Subsidy:

- The cost of inputs and expenditure for other activities should be paid to the beneficiary in shape of A/c payee Cheque i.e. Rs.14750/- per hectare after completion of activities. The beneficiary should submit Xerox copy of cash memo in support of purchase of inputs preferably from MARKFED / OAIC and give undertaking about the expenditure incurred for labour component which should be more than Rs.29750/- per hectare for release of full amount of subsidy. The release of subsidy will be proportionate to the area covered.
- The beneficiaries should be supplied with printed literature on the package & practices of rejuvenation / canopy management for timely taking up activities and application of inputs at proper dose and for future guidance.

Training:

- The DDH / Horticulturist / AHOs implementing the programme will be imparted one day Trainers Training at CHES, Aiginia, Bhubaneswar where scientist of CHES / OUAT / DH(O) will give the power point presentation. Horticulturist, Ekamrakan Farm will organize the training programmes at CHES.
- The farmers and other staffs of the directorate at field level will be trained by the DDH / Horticulturist / AHO who have got training at CHES.
- The expenditure for the training will be met out of NHM fund.
- As December-January is the prime time for undertaking rejuvenation programme in Orissa condition, trainings should be completed during November-December.

A. THE TECHNOLOGY

1. Crops selected: Mango, Litchi, Cashew
2. Procedure in brief:
 - Identification of plantations
 - Programme to be taken up during rest period of the plant.
 - Identification of branches and marking with chalk.
 - Felling / cutting of the branches during December-January.
 - Collection of pruned wood, chopping and piling.
 - Removal of pruned wood from the orchard.
 - Application of Bordeaux paste / Copper-oxy-Chloride paste in cut wounds.
 - Healing of old wounds.
 - Land preparation and inter cropping.
 - Emergence of new shoots in plenty.
 - Thinning of new shoots keeping 3-4 out side emerging shoots.
 - Top working if necessary to convert to desired variety.
 - Basin making and fertilizer application for 3 years.
 - Irrigation at proper time.
 - Plant protection measures as per requirements.
3. Fruiting from 3rd year onwards.
4. Farmer gets substantial income from sell of pruned wood and intercrop. The fruit yield is enhanced up to 4-5 times and quality is also improved with bigger fruit size.

B. BREAKUP OF FUNDS UNDER NHM

1. The assistance under NHM to be given on

Sl. No	Component	NHM assistance
1	Identification of branch, marking, training & Pruning, removal of pruned wood	3750
2	Interculture & intercropping	4000
3	Fertilizer & micronutrient application	3000
4	Plant protection chemical application	2000
5	Irrigation	2000
6	Miscellaneous including literature	250
	Total	15000

N.B.: The rest of the works in the orchard will be done by the orchardist.