

MIDH ACTIVITIES



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Project Proposal for Front Line Demonstration under NHM (MIDH) at KVK Ganjam-II, Golanthara

- ❖ **Name of project:** Front Line Demonstration on establishment of fruit orchard under NHM .
- ❖ **Location :** KVK Instructional farm.
- ❖ **List of Blocks and villages to be covered:** Villages of all the operational blocks (11 blocks) of KVK Ganjam-II will be covered under this project.
- ❖ **Cost of the project :** Rs. 15,90,325/-
- ❖ **Financial Assistance BY:** NHM (MIDH),2022-23
- ❖ **Procurement of planting material :** Central Horticulture Experiment Station, Bhubaneswar or any other reputed Horticulture nursery.

Objectives

- To popularize high density planting with STBF, Fertigation and INM in fruit cultivation
- To create model fruit orchard in KVK for inspiration to other farmers
- To upgrade knowledge & skill of farmer and farm women for adoption of high tech horticulture in fruit cultivation.
- To train the farmers and farm women on farm mechanization in fruit orchard, rejuvenation of old orchard and canopy management.
- To encourage rural youth on quality planting material production of fruit crops in low cost poly house and shed net for income generation.

Scope

- With the help of NHM funding, KVK, Ganjam-II will provide technological support ,deliver the need based demonstration and training with availability of quality planting materials for fruit cultivation in an efficient and effective manner.
- Farmers will be benefitted by adopting high tech fruit cultivation and horticulture nursery in their farm which will improve their socioeconomic status.
- Mechanization in orchard will directly reduce the cost of cultivation by reducing labour requirement and increase the income.
- Farmers can earn more profit from fruit cultivation and nursery business

Activities planned

Sl No	Component	Area/no.	Expenditure (Rs.)			Total Expenditure
			1 st year	2 nd year	3 rd year	
1	Demonstration on high density guava plantation(var.Thai)	0.1 ha	33368	13341	13341	60050
2	Demonstration on Pineapple cultivation (var. Queen)	0.1 ha	98095	25284	22533	1,45,912
3	Demonstration on Lime cultivation (Variety: Kagi lime)	0.1 ha	31591	21109	16346	69046
4	Demonstration on high density mango planting (Variety: Arka Neelachal Kesari)	0.1 ha	37763	17077	17077	71917
				Sub total		346925

Capacity Building Programmes

Sl. No.	Particulars	No. of Training per annum	Duration (Days)	Cost per Day per trainee	Amount
1	Training programme	8no(25 trainee per training	3day	Rs150	90,000
2	Training Aids (Pen, Pad, Folder, Banner, Certificate)			Rs 1500 per training	12,000
3	Resource person	4 no. resource person per day	12no resource person per training	Rs 500/ Resource person	48000
4	Field day	8no. (30 farmers/field day)		Rs. 40 per farmer/field day	9600
4	Training manuals&Publications				10000
5	Videography				10000
7	Office contingency				50000
				Sub total	2,29,600

Infrastructure and Impliments

Sl. No.	Particulars	Area / No	Unit Price (Rs)	Appox. Cost (Rs)
1	Shade net house	100 sqm	710/ sqm	71000
2	Tillage equipment	2no.	30000/no	60000
3	Plastic mulching	0.4ha	32000/ha	12800
4	Pit digging equipment	1no.	30000/no	30000
5	Power operated sprayer	3no	20000/no	60000
6	Solar pumpset (1hp)	1no		1,25,000
7	Solar Jhataka machine (for wild boar)	3no.		75000
8	Bush cutter	1no.	30000/no	30000
9	Power weeder	1 no.	50000/no	50000
10	Solar fencing	1no.	2,00,000/ha	2,00,000
11	Vermicompost pit	2no.	1,50,000/pit	3,00,000
			Sub total	10,13,800

Grand total= Cost of the project= (346925 + 2,29,600 + 10,13,800) = Rs1590325