

Name of KVK - KVK, Ganjam, Bhanjanagar, Odisha Village- Chopara

Module-1: Natural Resource Management

[illegible]

IPM and IDM	IPM, IDM practice in Groundnut,	Insecticide, fungicide, Neem, Boi agent	25	40	10.6	18,500	31,200	12,700	1.69
	Paddy,				34.6	21,800	34,600	12,800	1.59
	Turmeric				76	58,500	91,200	32,700	1.56
INM	INM practices in	Bio fertilizer, Micronutrient	30	50	13.2	21,400	39,600	18,200	1.85
	Groundnut,				73	19,600	36,500	16,900	1.86
	Yambean,				47	22,500	41,360	18,860	1.84
	Maize,				87	64,000	1,04,400	40,400	1.63
	Turmeric, Paddy				38	22,200	38,600	16,400	1.74
Mushroom cultivation	Popularization of Oyster Mushroom	Spawn , Poly thene, Wheat	10	150 beds	1.7 kg	30	68	38	2.27

Details of activity (Pls. give details of the each interactions in each module apart from given format) :

Module-2: Crop Production

Interventions	Technology demonstrate	Critical input (Variety, Fertilizer / Chemicals doses.)	No. of farmers	Area (ha)	Measurable indicators of output*		% increase	Economics of demonstration (Rs./ha)				Economics of Local (Rs./ha)			
					Demo	Local		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Introducing flood / drought / temperature tolerant varieties	Demonstration on Improved Paddy var. Naveen	Seed, Fertilizer	15	10.0	28.2	21.3	33.3	17,400	28,200	10,800	1.62	14,300	21,300	7,000	1.49

	Demonstration on Improved Paddy var. MTU-1001	Seed, Fertilizer	60	30.0	35.3	26.2	34.73	21,600	35,300	13,700	1.623	17,100	26,200	9,100	1.53
	Demonstration on Improved Ground nut var. Smruti	Seed, Pesticides, Micronutrient	15	5.0	14.1	10.4	35.57	22,500	42,300	19,800	1.88	18,400	31,200	12,800	1.69
	INM in Maize Hybrid Super-36	fertilizers	10	2.0	48.6	31.4	54.77	22,400	42,768	20,368	1.91	18,300	27,984	9,684	1.53
	Improved Turmeric var. Roma	Seed, Fertilizers	10	0.4	85.1	-		66,000	1,02,120	36,120	1.55				
Advancement of planting dates of rabi crops in areas with terminal heat stress	Improved Greengram var.TARM-1	Seed, Fertilizers, Pesticides	25	4.0	6.8	4.2	57.14	8,600	20,400	11,800	2.37	6,200	12,600	6,400	2.03
	Improved Blackgram var. PU-31	Seed, Fertilizers, Pesticides	10	2.0	6.2	3.8	63.15	8,300	18,600	10,500	2.24	5,900	11,400	5,500	1.93
Water saving paddy cultivation methods (SRI, aerobic, direct seeding)															
Frost management in horticulture through fumigation															
Community nurseries for delayed monsoon															
Custom hiring centres for timely planting															
Location specific intercropping systems with high sustainable yield index	Inter-cropping of Paddy+Arhar	Seed, Fertilizers, Pesticides	5	0.4	23.2	21.3	8.92	17,500	33600	16,100	1.92	13,500	21,300	7,800	1.57
Any other (Pl. specify)	INM in Sunflower-KBSH-1	Seed, Fertilizers, Pesticides	15	3.0	9.6	6.3	52.38	15,800	33,600	17,800	2.13	12,500	22,050	9,550	1.76
	Hybrid Brinjal - U.Tarini	Seed, Fertilizers,	07	0.4	232	184	26.08	42,400	1,16,000	73,600	2.73	36,800	92000	55,200	2.5
	INM in Okra - Aparajita,	seed	10	0.3	135	94	43.61	31,800	81,000	49,200	2.55	24,600	56,400	31,800	2.29

	Avantika														
	Improved Cucumber var. Ruby	seed	05	0.2	184	136		44,800	110400	65600	2.46	38,800	81,600	42,800	2.10
	Introduction of Yam Bean Var-Rajendramishrikh anda, CTCRI	Seed	10	1.0	73.0	-		18,600	43,800	25,200	2.35				

*Ponds / Chek dam / Irrigation channel dimensions, Yield (q/ha), Milk yield (kg/liter), Egg production, Fish production, Meat production

Details of activity (Pls. give details of the each interactions in each module apart from given format) :

Module-3: Livestock & Fisheries

Interventions	Technology demonstrate	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farm ers	Unit/ No. / Area (ha)	Measurable indicators of output*		% increase	Economics of demonstration (Rs./ha)				Economics of demonstration (Rs./ha)			
					Demo	Local		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
1	2	3													
Use of community lands for fodder production during droughts / floods															
Improved fodder/feed storage methods															
Preventive vaccination															
Improved shelters for reducing heat stress in livestock															
Management of fish ponds / tanks during water scarcity and excess water	Composite pisciculture	Rohu, Catla, Mrigal - 2:4:2	05	0.4											
	Feed mgt. in pisciculture		05	0.6											
Any other (Pl. specify)	Poultry	Banaraja	05	150 bird s											

Details of activity (Pls. give details of the each interactions in each module apart from given format) :

Module-4: Institutional Interventions

Interventions	Details of activity			Critical input (Breed / Variety / Medicine doses,)	No. of farmers	Unit / No. / Area (ha)
	Name of crops / Commodity groups / Implements	Quantity / Number / Rent / Charges	Technology used in seed / fodder bank & function of groups			

1	2	3	4	5	6	7
Seed bank						
Fodder bank						
Commodity groups	M.B. plough Power sprayer Diesel Pump set Power weeder Sprinkler Power tiller with rotavator Multi crop Thresher				435	435
Custom hiring centre						
Collective marketing						
Climate literacy through a village level weather station						
Any other (Pl. specify)						

Details of activity (Pls. give details of the each interactions in each module apart from given format) :

Capacity Building (HRD):

Sl. No.	Thematic area	Title of training	No. of Courses	No. of beneficiaries		Date
				Male	Female	
1	2	3	4	5	6	7
1	Resource conservation technology	Importance of soil testing & techniques of soil sampling	01	20	05	08.04.11
2	Resource conservation technology	Soil fertility management	01	19	06	07.05.11
3	Integrated Crop Management	Package of practices of Turmeric	01	21	04	23.05.11&24.05.11
4	Resource conservation technology	Management of acid soil	01	23	02	02.06.11
5	Weed Management	Weed management in Paddy	01	19	06	10.06.11
6	INM	INM in Maize	01	18	07	22.06.11 &23.06.11
7	Integrated Crop Management	Crop diversification	01	22	03	28.06.11
8	INM	INM in Paddy	01	16	09	07.07.11
9	IPM	IPM in Paddy	01			13.07.11 &14.07.11

10	IDM	IDM in Paddy	01	17	08	18.07.11&19.07.11
11	Mushroom cultivation	Paddy straw mushroom cultivation	01	19	06	22.07.11
12	Seed / Plant production	Preparation of Nursery bed and its management	01	21	04	05.09.11 & 06.09.11`
13	INM	Use of Micronutrients in Vegetables	01	18	07	09.09.11
14	ICM	Package of practices of Yam bean	01	19	06	25.07.11& 26.07.11
15	INM	INM in ground nut	01	22	03	01.08.11 & 02.08.11
16	IPM	IPM in Ground nut	01	23	02	07.09.11 & 08.09.11
17	IDM	IDM in Ground nut	01	21	04	19.09.11 & 20.09.11
18	Small Scale income generating enterprises	Vermicomposting from farm waste	01	19	06	28.09.11
19	Seed / Plant production	Seed production procedure in Paddy	01	21	04	20.06.11 & 21.06.11
20	IDM	Management of Solanaceous wilt	01	23	02	13.10.11
21	IPM	Use of Bio- agents and Bio-pesticides in pest control	01	19	06	17.10.11 & 18.10.11
22	Small Scale income generating enterprises	House hold food security by kitchen gardening & nutritional gardening	01	18	07	27.10.11 & 28.10.11
23	Small Scale income generating enterprises	Income generation activities for empowerment of rural women	01	22	03	02.11.11 & 03.11.11
24	Drudgery reduction	Location specific drudgery reduction technologies	01	16	09	16.11.11 & 17.11.11
25	IPM	Storage loss minimization techniques	01	19	06	20.12.11
26	IPM	Pest management of solanaceous vegetable crops	01	21	04	21.10.11

Instructions:

1) Please don't change format heads. 2) All the required specific information should be given.