KVK, Ganjam-1, Odisha

IMPORTANT NOTE:

1. Font Used **Calibri (body).**
2. Please use proper unit in case of area i.e. **ha** and for yield i.e. **q/ha.**
3. If unit is different than mentioned in below the information in bracket.
4. Do not change the format.
5. If willing to attach additional photos than attached just below the censured intervention with photo space.
6. Kindly provided the provided the different intervention impacts other then yield in separate word file like in-situ moisture % at the time of sowing, at time of flowering at the time of harvesting in comparison to farmers practice etc.

NATURAL RESOURCES MANAGEMENT

Kindly give the brief write up of

(i) In-situ moisture conservation

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses)	No. of farmers	Area (ha)	Yield (q/ha)	Economics of demonstration (Rs./ha)			
						Gross Cost	Gross Return	Net Return	BCR
Ganjam-I	Moisture conservation in Paddy – Summer ploughing by MB plough	Ploughing by MB plough	08	2.0	41.8	34000	58520	24520	1.72
Ganjam-I	Soil health management (Green manuring by Sun hemp)	Sunhemp seed rate-20 kg/ ha. & incorporated in soil at 35 DAS	04	2.0	42.4	35000	59360	24360	1.7

Please attached at Best photos of the intervention in the box

		

(ii) Water harvesting and recycling for supplemental irrigation

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses)	No. of farmers	Area (ha)	Measurable indicators of output* [yield (q/ha.) & others]	Economics of demonstration (Rs./ha)			
						Gross Cost	Gross Return	Net Return	BCR

Please attached at Best photos of the intervention in the box

(iii) Improved drainage in flood prone areas

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses)	No. of farmers	Area (ha)	Measurable indicators of output*	Economics of demonstration (Rs./ha)			
						Gross Cost	Gross Return	Net Return	BCR

Please attached at Best photos of the intervention in the box

(iv) Conservation tillage

Kindly give the brief write up of

KVK	Technology demonstrate	Critical input (Variety, Fertilizer / Chemicals doses)	No. of farmers	Area (ha)	Measurable indicators of output*	Economics of demonstration (Rs./ha)			
						Gross Cost	Gross Return	Net Return	BCR
Ganjam-1	Sowing of Black gram by seed cum fertilizer drill under zero tillage condition	Seeds, Tractor hiring, pesticides	17	05	Yield-420kg/ha.	11400	21000	9600	1.84

Please attached at Best three photos of the intervention in the box

		

(v) Artificial ground water recharge

KVK	Technology demonstrate	Critical input (Variety, Fertilizer / Chemicals doses)	No. of farmers	Area (ha)	Measurable indicators of output*	Economics of demonstration (Rs./ha)			
						Gross Cost	Gross Return	Net Return	BCR
Ganjam-1	Percolation tank-6m*3m*1.5 m	Labour	03	0.01	Paddy-Yield-38.4	32000	53760	21760	1.7

Please attached at Best photos of the intervention in the box

		

(vi) Water saving irrigation methods

Kindly give the brief write up of

KVK	Technology demonstrate	Critical input (Variety, Fertilizer / Chemicals doses)	No. of farmers	Area (ha)	Measurable indicators of output*	Economics of demonstration (Rs./ha)			
						Gross Cost	Gross Return	Net Return	BCR
Ganjam-1	Sowing of Maize in Ridge & furrow method	Seeds, pesticides	05	02	Yield-42.1 q/ha.	19800	42100	22300	2.13

Please attached at Best photos of the intervention in the box

		

CROP PRODUCTION

Kindly give the brief write up of

i. "How the crop production interventions **(all intervention form i- vii**) save the frames from uncertain rainfall/heal storm/draught in Feb- March month".

(i) Introducing flood / drought / temperature tolerant varieties

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Area (ha)	Yield (q/ha.)		Economics of demonstration (Rs./ha)			
					Demo /ha	Local /ha	Gross Cost	Gross Return	Net Return	BCR
Ganjam-I	Demonstration on Drought resistant short duration Paddy Var. Sahabhagi dhan	Seed & Pesticides- Imidacloprid	13	4.0	23.2	19.4	17800	32480	14680	1.82
Ganjam-I	Crop diversification From Paddy to Pigeon pea in upland	Seeds and Micronutrient	07	2.0	880(pigeon pea)	23.0(Paddy)	32000	52800	20800	1.65

Please attached at Best photos of the intervention in the box

		

(ii) Advancement of planting dates of rabi crops in areas with terminal heat stress

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Area (ha)	Yield (q/ha)		Economics of demonstration (Rs./ha)			
					Demo/ ha	Local/ ha	Gross Cost	Gross Return	Net Return	BCR
Ganjam -I	Growing of short duration Greengram variety TARM-1 to avoid YMV incidence during high temperature	Seed,Rhizobium, Pesticides	13	5.0	4.8	3.6	10400	19200	8800	1.85

Please attached at Best photos of the intervention in the box

		

(iii) Water saving paddy cultivation methods (SRI, aerobic, direct seeding)

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Area (ha)	Yield (q/ha)		Economics of demonstration (Rs./ha)			
					Demo /ha	Local/ha	Gross Cost	Gross Return	Net Return	BCR
Ganjam-I	Demonstration on Drought resistant short duration Paddy Var. Sahabhagi dhan	Seed & Pesticides- Imidacloprid	13	4.0	23.2	19.4	17800	32480	14680	1.82

Please attached at Best photos of the intervention in the box

(iv) Frost management in horticulture through fumigation

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Area (ha)	Yield (q/ha)		Economics of demonstration (Rs./ha)			
					Demo/ha	Local/ha	Gross Cost	Gross Return	Net Return	BCR

Please attached at Best photos of the intervention in the box

(v) Community nurseries for delayed monsoon

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Area (ha)	Yield (q/ha)		Economics of demonstration (Rs./ha)			
					Demo /ha	Local/ ha	Gross Cost	Gross Return	Net Return	BCR

Please attached at Best photos of the intervention in the box

(vi) Custom hiring centers for timely planting

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Area (ha)	Yield (q/ha)		Economics of demonstration (Rs./ha)			
					Demo /ha	Local/h a	Gross Cost	Gross Return	Net Return	BCR
Ganjam-I										

Please attached at Best photos of the intervention in the box

(vii) Location specific intercropping systems with high sustainable yield index

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Area (ha)	Yield (q/ha)		Economics of demonstration (Rs./ha)			
					Demo/ ha	Local/h a	Gross Cost	Gross Return	Net Return	BCR

Please attached at Best photos of the intervention in the box

(viii)Others

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Area (ha)	Yield (q/ha)		Economics of demonstration (Rs./ha)			
					Demo/ha	Local/ha	Gross Cost	Gross Return	Net Return	BCR

Please attached at Best photos of the intervention in the box

LIVESTOCK AND FISHERIES

Measurable indicator is the production of animal/ lactation period or total lection period of the animal

(i) Use of community lands for fodder production during droughts / floods

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Unit/ No. / Area (ha)	Measurable indicators of output*		% increase
					Demo	Local	

Economic Performance KVKs

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	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

Please attached at Best photos of the intervention in the box

(ii) Improved fodder/feed storage methods

(iii) Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Unit/ No. / Area (ha)	Measurable indicators of output*		% increase
					Demo	Local	

Economic Performance KVKs

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	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

Please attached at Best photos of the intervention in the box

(iv) Preventive vaccination

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Unit/ No. / Area (ha)	Measurable indicators of output*		% increase
					Demo	Local	
Ganjam-I	Deworming with fenbendazole @ 7.5mg /kg b.w	Medicines	28	86animals(Goat)	**(Body wt-980gm)**	**Body wt. -810gm)**	**21**

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Unit/ No. / Area (ha)	Measurable indicators of output*		% increase
					Demo	Local	
Ganjam-I	Mineral mixture feeding(Agriminforte) @ 50 gram per day	Mineral mixture	8	18	1350lt/yr	1140lt/yr	18

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	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

Please attached at Best photos of the intervention in the box

		

(v) Improved shelters for reducing heat stress in livestock

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Unit/ No. / Area (ha)	Measurable indicators of output*		% increase	Economics of demonstration (Rs./ha)			
					Demo	Local		Gross Cost	Gross Return	Net Return	BCR

Please attached at Best photos of the intervention in the box

(vi) Management of fish ponds / tanks during water scarcity and excess water

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Unit/ No. / Area (ha)	Measurable indicators of output*		% increase
					Demo	Local	
Ganjam-I	Floating fish feed management with yearling rearing	Yearlings and feed	04	1.2	30.4	23.6	28.8

Economic Performance

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	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
Ganjam-I	Feed enrichment : floating fish feed management	Floating feed,yearlings	137769	383000	245231	2.78	120612	295500	174888	2.45

Please attached at Best photos of the intervention in the box

		

INSTITUTIONAL INTERVENTIONS

Kindly give the brief write up of

(i) Seed Bank

Kindly give the brief write up of

KVK	Details of activity			Critical input (Breed / Variety / Medicine doses,)	No. of farmers	Quantity (q)
	Name of crops / Commodity groups / Implements	Quantity / Number / Rent / Charges	Technology used in seed / fodder bank & function of groups			
Ganjam-1	Sahabhagi dhan	16 nos.	Seed production technique	seed	16	28

Please attached at Best photos of the intervention in the box

(ii) Fodder Bank

Kindly give the brief write up of

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

Please attached at Best photos of the intervention in the box

(iii) Commodity Groups

Kindly give the brief write up of

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

Please attached at Best photos of the intervention in the box

(iv) Custom hiring centre

KVK	Details of activity			Critical input (Breed / Variety / Medicine doses,)	No. of farmers	Quantity (ha.)
	Name of crops / Commodity groups / Implements	Quantity / Number / Rent / Charges	Technology used in seed / fodder bank & function of groups			
Ganjam-I	Sprinkler (2 Nos)	Rs. 10/- per pipe Per day	Irrigation	Implements	13	6.0
Ganjam-I	Power tiller	Rs.40/- per hour	Ploughing	Implements	34	21.0
Ganjam-I	Power sprayer (1 nos.)	Rs. 20/- per hour	Disease control	Implements	14	11
Ganjam-I	Diesel Water pump Set (2HP)	Rs 30 /-per hour	Irrigation	Implements	11	5.0
Ganjam-I	MB plough	Rs 20 /- per hour	Tillage	Implements	09	4.0
Ganjam-I	Garuda Mini weeder	Rs 20 /-per hour	Weeding	Implements	14	4.0
Ganjam-I	REAPER	Rs.100/- per hour	Harvesting	Implements	07	5.0
Ganjam-I	POWER THRESHER CUM WINNOWER	Rs.20/- per hour	Threshing cum winnowing	Implements	12	

Please attached at Best photos of the intervention in the box



(v) Collective marketing

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

Please attached at Best photos of the intervention in the box

(vi) Climate literacy through a village level weather station

Kindly give the brief write up of

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

Capacity building

Module: Capacity Building

Kindly give the brief write up of

"How the Capacity building programmes (training, information etc) are useful to save the crops from uncertain rainfall/heal storm/draught in Feb- March month".

Thematic area	No. of course	No. of beneficiaries		Total Beneficiary
		Male	Female	
1	2	3	4	5
Mushroom cultivation	01	-	20	**20**
Composite pisciculture	01	16	04	**20**

Please attached at Best photos of the intervention in the box

Please attached at Best photos of the intervention in the box

Status of custom hiring Services

KVK – Ganjam-1

S. No.	Name of implements	Date of Purchase	Operational performance		Revenue Generated (Rs.)	No. of Farmers benefited
			No. of hrs.	Area covered (ha)		
	Sprinkler (2 Nos)	March,2011	40	6.0	800/-	13
	Power tiller	March,2011	-	-	-	-
	Power sprayer (1 nos.)	March,2011	28	11	560/-	14
	Diesel Water pump Set (2HP)	March,2011	24	5.0	720/-	11
	MB plough	March,2011	20	4.0	400/-	09
	Garuda Mini weeder	March,2011	48	4.0	960/-	14
	REAPER	March,2016	24	5.0	2400/-	07
	POWER THRESHER CUM WINNOWER	March,2016	62		1240/-	12
	Power tiller	March,2016	42	12	1680/-	24

Please attached at Best photos of the intervention in the box

Monitoring of NICRA Projects

KVK-

Name of KVK	Name of NICRA Village	Name & designation of visitors	Date of visit

Please attached at Best photos of the intervention in the box

Budget Allotted & Utilized for 2016-17

(Rs. in lakhs)

Zone/KVK	BE 2016-17	RE 2016-17	Expenditure as per AUC
Zone-VII-Ganjam-1	13.58	13.58	5.56400(SOE)

Sd/-
Senoir Scientist & Head
KVK, Bhanjanagar, Ganjam-1