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	No. of farmers	Area (ha)	Yield (q/ha)	Economics of demonstration (Rs./ha)				
		(Variety, Fertilizer / Chemicals doses)				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	





(ii) Water harvesting and recycling for supplemental irrigation

Kindly give the brief write up of

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

(iv) Conservation tillage
Kindly give the brief write up of

KVK	Technology	Critical	No. of	Area	Measurable	Economics of demonstration (Rs./ha)				
	demonstrate	input (Variety, Fertilizer / Chemicals doses)	farmers	(ha)	indicators of output*	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	

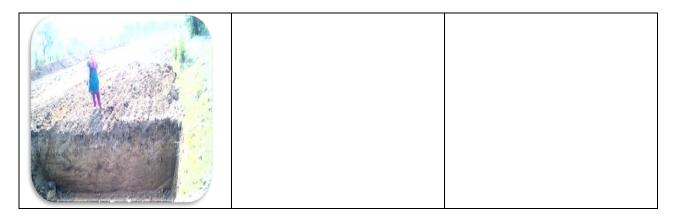




(v) Artificial ground water recharge

KVK	Technology demonstrate	Critical input (Variety,	No. of farmers	Area (ha)	Measurable indicators	Economics of demonstra (Rs./ha)			on
		Fertilizer / Chemicals doses)			of output [*]	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,	No. of farmers	Area (ha)	Measurable indicators of	Economics of demonstra (Rs./ha)			on
		Fertilizer / Chemicals doses)			output*	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



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				(q/ha.)	Econo	omics of de	monstration	(Rs./ha)	
	demonstrated	doses,)	tarmers	(ha)	Demo /ha	Local /ha	Gross Cost	Gross Return	Net Return	BCR
Ganja m-l	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
Ganja m-l	Crop diversification From Paddy to Pigeon pea in upland	Seeds and Micronutrient	07	2.0	880(pi geon pea)	23.0(Pa ddy)	32000	52800	20800	1.65





(ii) Advancement of planting dates of rabi crops in areas with terminal heat stress Kindly give the brief write up of

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



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

Kindly give the brief write up of

/ Chemicals doses,) Demo Local/h Gross Gross Net B Cost Return Return	KVK	Technology demonstrated	Critical input (Variety, Fertiliz	or	No. of farmers	Area (ha)	Yield	Yield (q/ha)		mics of der	monstration	(Rs./ha)
on Drought Pesticides- resistant short Imidacloprid duration Paddy		uemonstrateu	/ Chemicals	.ei	latiliers	(IIa)		-				BCR
dhan	Ganjam-I	on Drought resistant short duration Paddy Var. Sahabhagi	Pesticides-	&	13	4.0	23.2	19.4	17800	32480	14680	1.82

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(iv) Frost management in horticulture through fumigation

Kindly give the brief write up of

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

(v) Community nurseries for delayed monsoon

Kindly give the brief write up of

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

Please attached at Best photos	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	Critical input	No. of	Area	Yield	(q/ha)	Econom	nics of demo	nstration (F	Rs./ha)
	demonstrated	(Variety, Fertilizer / Chemicals doses,)	farmers	(ha)	Demo /ha	Local/h a	Gross Cost	Gross Return	Net Return	BCR
Ganjam-I										

Please	attached at Bo	est photos c	of the int	ervent	ion in the	box				
(vii		specific inte			ems with	high sus	tainabl	e yield ii	ndex	
	Kindly giv	ve the brief	write up	OΤ						
KVK	Technology	Critical input	No. o		ea Yield	l (q/ha)	Econo	mics of dem	onstration (Rs./ha)
	demonstrated	(Variety, Fertilizer / Chemicals doses,)	farme	rs (ha	Demo/ ha	Local/h a	Gross Cost	Gross Return	Net Return	BCR
Please	attached at B	est photos c	of the int	ervent	ion in the	box				
(viii)Ot	hers									
(VIII)Ot	ileis									
KVK	Technology demonstrated	Critical input (Variety,	No. of farmers	Area (ha)		(q/ha)		omics of den		
		Fertilizer /		()	Demo/ha	Local/ha	Gross Cost	Gross Return	Net Return	BCR
		Chemicals doses,)								

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)	indicat	Measurable indicators of output*	
					Demo	Local	

Economic Performance KVKs

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	Ecor	nomics of d (Rs./ Der		ion	Economics of demonstration (Rs./ha) Local			
			Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR

(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	
		"			Demo	Local	

Economic Performance KVKs

Kindly give the brief write up of

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	Econor		onstration (emo	Economics of demonstration (Rs./ha) 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

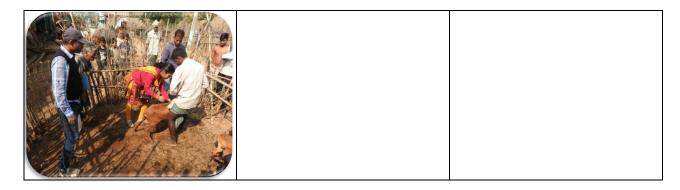
KVK	Technology Critical input demonstrated (Variety, Fertilizer /	•	No. of farmers	Unit/ No. / Area (ha)	Measurable indicators of output*		% increase
		Chemicals doses,)			Demo	Local	
Ganjam-I	Deworming with fenbendazole @ 7.5mg /kg b.w	Medicines	28	86animals(Goat)	(Body wt- 980gm)	Body wt 810gm)	21

KVK	Technology demonstrated		No. of farmers	Unit/ No. / Area (ha)	Measurable indicators of output		% increase
					Demo	Local	
Ganjam-I	Mineral mixture feeding(Agriminfort e) @ 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 /	Economics of demonstration (Rs./ha)		Economics of demonstration (Rs./ha)					
	demonstrated	Chemicals doses,)	Demo		Local					
			Gross	Gross	Net	BCR	Gross	Gross	Net	BCR
			Cost	Return	Return		Cost	Return	Return	

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 /	No. of farmers	Unit/ No. / Area	Measurable indicators of output*		% increase	Ecor	nomics of d (Rs./		ion
		Chemicals doses,)		(ha)	Demo	Local		Gross Cost	Gross Return	Net Return	BCR

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

Please attached at Best photos of the intervention in the box

KVK	Technology demonstrated	Critical input (Variety, Fertilizer / Chemicals doses,)	No. of farmers	Unit/ No. / Area (ha)		Measurable indicators of output*	
		,			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	Critical input	Econom	stration (Rs.,	/ha)	Economics of demonstration (Rs./			Rs./ha)	
	demonstrated	(Variety,	(Variety, Demo				Local			
		Fertilizer /	Gross	Gross	Net	BCR	Gross	Gross	Net	BCR
		Chemicals	Cost	Return	Return		Cost	Return	Return	
		doses,)								
Ganjam-I	Feed	Floating			245231	2.78				2.45
	enrichment	feed,yearlings					12061	2955	1748	
	: floating		137769	383000					_	
	fish feed			303000			2	00	88	
	manageme									
	nt									







INSTITUTIONAL INTERVENTIONS

Kindly give the brief write up of

(i) Seed Bank

Kindly give the brief write up of

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

(ii) Fodder Bank

Kindly give the brief write up of

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

(iv) Custom hiring centre

KVK		Details of activity			No. of	Quantity (ha.)
	Name of crops / Commodity groups / Implements	Quantity / Number / Rent / Charges	Technology used in seed / fodder bank & function of groups	(Breed / Variety / Medicine doses,)	farmers	
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 $% \left\{ \mathbf{p}_{i}^{\mathbf{p}}\right\} =\mathbf{p}_{i}^{\mathbf{p}}$



(v) Collective marketing

KVK		Details of activity	1	Critical	No. of	Quantity
	Name of crops / Commodity groups / Implements	Quantity / Number / Rent / Charges	Technology used in seed / fodder bank & function of groups	input (Breed / Variety / Medicine doses,)	farmers	(q)

(vi) Climate literacy through a village level weather station

Kindly give the brief write up of

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

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	No. of beneficiaries		Total
	course	Male	Female	Beneficiary
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

Status of custom hiring Services

KVK – Ganjam-1

S. No.	Name of implements	Date of	Operational performance		Revenue	No. of Farmers
		Purchase	No. of hrs.	Area covered (ha)	Generated (Rs.)	benefited
	Sprinkler	March,2011	40	6.0	800/-	13
	(2 Nos)					
	Power tiller	March,2011	-	-	-	-
	Power sprayer	March,2011	28	11	560/-	14
	(1 nos.)					
	Diesel Water pump Set	March,2011	24	5.0	720/-	11
	(2HP)					
	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

and the Caucha Delta is				
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

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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