

ANNUAL PROGRESS REPORT

April 2014 to March 2015

KVK, JAJPUR



OUAT, BHUBANESWAR



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Instructions for Filling the Format

1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.
2. Do not merge columns, rows.
3. Please repeat the name of KVK in each table in the column “Name of KVK”
4. Do not fill the non-numerical values in numeric field
5. Do not repeat the unit while reporting data as it is already mentioned in the heading row
6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit
7. Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)
8. Additional relevant information may be provided at the end of Format by creating heading “Additional Information”
9. Also read the instructions mentioned just below the table
10. Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format
11. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.
12. Gray color cells in summary table need not to be filled.
13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Horse gram, Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).
Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).
Fruits :- Mango, Guava, Custard apple, Pear etc.
Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.

REPORTING PERIOD – April 2014 to March 2015
Summary of KVK Annual Report (Quantifiable Achievement) for the year 2014-15

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	26	273	
	On Going OFT	3	31	
	Technologies assessed (Completed OFT)	23	242	
	Technologies refined			
	On farm trials conducted			
2	Frontline demonstrations			
	Proposed Frontline demonstrations	26	170	
	On Going Frontline demonstrations	2	10	
	FLDs conducted on crops	13	95	
	Area under crops (ha.)	27.8		
	FLD on farm implement and tools	4	20	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	3	15	
	FLD on Fisheries - Finger lings			
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)			
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	4	30	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	28	28	700
	Farm women	7	7	175
	Extension personnel/ In service	6	8	90
	Vocational trainings/Rural youth	14	55	152
	Sponsored Training	1	1	20
	Total	56	99	1137
		No. of programmes	Participants	
4	Extension Programmes	2094	8031	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	143.40	OSSC	
	Planting material produced (nos.)	72500	23	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	8643	490	
	Milk Yield - Cow, Buffelo etc. (in liter)	-	--	
	Fish (Kg.)	Continuing		
	Fingerlings (nos.)	-	-	
	Poultry-Eggs (nos.)	-	-	
	Ducks (nos.)	-	-	
	Chicks etc. (nos.)			

7	Bio Products	Qty	Beneficiaries (nos.)
	Bio Agents -Earth worm (Kg.)	-	-
	Trichoderma (kg.)	-	-
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	28 qtl	7
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	-	-
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)	12	-
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	9	3300
	KVK News letter	4	2500
	SAC Meetings conducted	2	60
	Soil sample tested	1003	1003
	Water sample tested	-	-
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	-	-
	KVK-KMA (Message and beneficiaries)	212	1220
	Convergence programmes	5	1075
	Sponsored programmes	1	40
	KVK Progressive Farmers interaction	11	1325
	No. of Technology Week Celebrations	5	150
	Attended HRD activities organized by ZPD	8	8
	Attended HRD activities organized by DES	8	8
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	1	1
9	Current status of Revolving Funds (Amt. In Rs.)	367510	
10		No. of blocks	No. of villages
	Outreach of KVK in the District	10	39
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)	1	7 2
12		Working (Yes/No)	No. of Update
	Status of KVK Website	Yes	10
13		Application received	Application disposed
	Status of RTI (nos.)	-	-
14		Query received	Query dissolved
	Citizen Charter (nos.)	1346	1346
15		Working (Yes/No)	No. of programme viewed
	E-connectivity	No	-
16		Filled	Vacant
	Staff Position	16	Nil
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	17	
18	Publication received from ICAR /other organization (nos.)	3	
19		Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. And ICAR)	1	SAU

GENERAL INFORMATION

7.11. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2015

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Jajpur	16	01	01	06	06	03	03	06	06	16	16

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
Jajpur	Programme Coordinator	Dr.(Mrs) Tilottama Pattnaik	Home Science	Ph.D	Human Resource Development	37400-67000	51810	20.06.2012	Permanent	Others
Jajpur	Subject Matter Specialist1	Mrs. Babita Mishra	Horticulture	M.Sc .Ag	Horticulture	15,600-39,100	21390	13.08.2014	Contractual	Others
Jajpur	Subject Matter Specialist2	Mrs. Manasi Bhola	Women Agril.	M.Sc .Ag	Women Agril.	15,600-39,100	22220	15.07.2014	Contractual	Others
Jajpur	Subject Matter Specialist3	Mr Bijay Ku.Routray	Plant protection	M.Sc .Ag	Plant protection	15,600-39,100	21390	08.08.2011	Contractual	Others
Jajpur	Subject Matter Specialist4	Mrs Bijayalaxmi Mohanta	Ag.Engg	M.Tech	Post harvest processing and food Engineering	15,600-39,100	19050	12.04.2012	Contractual	Others
Jajpur	Subject Matter Specialist5	Mr. Subhasis Dash	Soil Science	M.Sc. Ag	Soil science	15,600-39,100	19050	11.06.2013	Contractual	Others
Jajpur	Subject Matter Specialist6	Smt . Pramila Naik	Agronomy	M.Sc .Ag	Agronomy	15,600-39,100	19810	17.01.2013	Contractual	SC
Jajpur	Programme Assistant	Dr. Prabhat Kumar Padhi	Vety.Sc	MVSc	Vety Pharm.&Toxic.	9300-34,800	10130	01.08.2012	Contractual	Others

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
Jajpur	Farm Manager	Mr. Bipra Charan Swain	Agronomy	M.Sc. Ag	Agronomy	9300-34,800	10560	27.07.2013	Contractual	Other
Jajpur	Computer Programmer	Mrs. Sangita Panda	Computer	B.Sc. PGDCA	Computer	9300-34,800	12430	02.09.2014	Contractual	Others
Jajpur	Accountant / superintendent	Mr. Pradip Kumar Mangaraj	Accountant	B.A		9300-34,800	13450	07.03.2014	Permanent	Others
Jajpur	Stenographer	Mr. Trupti Ranjan Barik	Steno	B.Sc	Computer	5200-20,200	7270	29.06.2012	Contractual	Others
Jajpur	Driver	Mr. Sanjay Kumar Panda	-	10 th	-	5200-20,200	6860	30.07.2008	Contractual	Others
Jajpur	Driver	Mamtaz Alli Khan	-	10 th	-	5200-20,200	6350	08.07.2013	Contractual	Others
Jajpur	Supporting staff	Mr. Lachhaman Swain	-	-	-	4,440-14,680	5380	27.09.2013	Contractual	Others
Jajpur	Supporting staff	Sri Bhagira Dalei	-	-	-	4,440-14,680	5790	08.07.2014	Contractual	Others

1.2. DISTRICT PROFILE (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)–

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Jajpur	North Eastern coastal plain zone	10	280	18,26,000	80.44	499502	135485	1.12ha

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Jajpur	Kuransa	2011	Rasulpur	21	505	82
Jajpur	Rambhadeipur	2012	Badachana	17	453	81
Jajpur	Badasila	2012	Badachana	15	495	80
Jajpur	Dhanajaypur	2013	Danagadi	55	473	90
Jajpur	Badaberuna	2014	Korei	105	1000	185

1.4. THRUST AREAS identified by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	THRUST AREA
Jajpur	Varietal substitution in field and horticultural crops.
Jajpur	Off-season vegetable cultivation.
Jajpur	Popularization of energy rich, high value and cash crops.
Jajpur	Commercial cultivation of fruit, flowers, medicinal and aromatic crops.
Jajpur	Production of quality seed and planting materials in different major crops of the district.
Jajpur	Improved crop management practices in cereals, pulses, vegetables and cash crops.
Jajpur	Post harvest technology and value addition of cereals, pulses, oil seeds, vegetables and fruits.
Jajpur	Farm resource management.
Jajpur	Insect pest disease management.
Jajpur	Drudgery reduction through use of farm implements.
Jajpur	Creating avenues for self employment through entrepreneurship development.
Jajpur	Family food and nutritional security.
Jajpur	Production and management of organic input.
Jajpur	Farm mechanization
Jajpur	Soil and water conservation.
Jajpur	Disaster management

Jajpur	Protected cultivation and precession farming.
Jajpur	Poultry, duckery, goatery and dairy farming.

1.4. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Jajpur	Detoriation of existing varieties used by the farmers in field and horticultural crops	PRA survey & group discussion	Dihakuransa ,Rasulpur Badabiruan ,Korei
Jajpur	Distress sale of seasonal vegetables	PRA survey & group discussion	Dihakuransa ,Rasulpur,Badabiruan ,Korei
Jajpur	Less production from traditional field & vegetable crops	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana
Jajpur	Traditional farming gives low farm income	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana
Jajpur	Unavailability of quality seed and planting materials	PRA survey & group discussion	Dihakuransa ,Rasulpur Badabiruan ,Korei
Jajpur	Lack of proper crop management practice in field, vegetable and pulses and other cash crops	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana Dihakuransa ,Rasulpur Badabiruan ,Korei
Jajpur	Loss of food grain due to lack of post harvest management	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana
Jajpur	Improper farm resource management	PRA survey & group discussion	Dihakuransa ,Rasulpur Badabiruan ,Korei,Dhanajaypur Danagadi
Jajpur	Lack of knowledge on integrated pest and disease management	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana Dihakuransa ,Rasulpur Badabiruan ,Korei
Jajpur	Ignorance of latest farm technology increase the drudgery of farm women	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana Dihakuransa ,Rasulpur Badabiruan ,Korei
Jajpur	Unemployment problem of rural youth	PRA survey & group discussion	Dihakuransa ,Rasulpur Badabiruan ,Korei,Dhanajaypur Danagadi
Jajpur	Food and nutritional insecurity of farm families	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana Dihakuransa ,Rasulpur Badabiruan ,Korei
Jajpur	Limited farm mechanization	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana Dihakuransa ,Rasulpur

Jajpur	Lack of knowledge on soil and water conservation	PRA survey & group discussion	Dihakuransa ,Rasulpur Badabiruan ,Korei,Dhanajaypur Danagadi
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2.On Farm Testing

Note-

* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.

*Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.

*Don't press enter key to navigate among column use arrow or tab key

*don't add space before or after statement within the table cell

2.1 Information about OFT

KVK name	Year/season	Problem diagnose	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Title of OFT	No. of trials	Results (Yield q/ha)			Net Returns (Rs./ha)			Recommendations
									Farmer practice T1	Rec. Tech T2	T3	T1	T2	T3	
Jajpur	Kharif, 2014	Low yield due to cultivation of local variety Sitabhog	Assessment	Varietal evaluation	paddy	Rainfed medium land	Assessment of paddy var. Nua Acharamati	13	31.1	38.7		17350	27550		Aromatic rice var. Nua acharamati performed well with increased in yield by 24.11%
Jajpur	Kharif, 2014	Low yield due to cultivation of old variety(khan dagiri) and less cntent of protein, iron & zinc	Assessment	Varietal evaluation	paddy	Rainfed up land	Assessment of paddy var. Heera	13	27.3	33.1		10363	16261		Short duration rice var. Heera performed well with increased maximum yield under improve

KVK name	Year/season	Problem diagnose	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Title of OFT	No. of trials	Results (Yield q/ha)			Net Returns (Rs./ha)			Recommendations
									Farmer practice T1	Rec. Tech T2	T3	T1	T2	T3	
															crop and nutrient management
Jajpur	Khari 2014	Low yield and poor soil fertility status	Assessment	INM	Paddy	Rainfed medium land	Assessment of brown manuring in paddy	13	39.5	45.6		22375	27700		The weed population was minimum, Nitrogenous fertilizer were reduced upto 25% & organic carbon build up upto 11.53%
Jajpur	Kharif, 2014	Infestation of leaf folder leads to low yield	Assessment	IPM	Paddy	Rainfed medium land	Assessment of integrated management practices for control of leaf folder in paddy	13	38.1	45.3		18325	25125		Technology is easily adopted by farmers and it should be popularized by line dept. personnel
Jajpur	Kharif, 2014	Broadcasting of paddy leads to uneven plant population and difficulty in intercultural	Assessment	Farm mechanization	paddy	Medium irrigated	Assessment of performance of five row bullock drawn seed cum fertilizer drill for sowing of paddy	13	37.2	39.6		19600	22600		Bullock drawn seed cum fertilizer drill is working well and the crop is

KVK name	Year/season	Problem diagnose	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Title of OFT	No. of trials	Results (Yield q/ha)			Net Returns (Rs./ha)			Recommendations
									Farmer practice T1	Rec. Tech T2	T3	T1	T2	T3	
		operation													also good
Jajpur	Kharif, 2014	Reduced popularization of ducks among poor due to absence of ponds	Assessment	LPM	Poultry	Backyard poultry	Assessment of evaluation of CARI model of duck rearing in polythene pond	13	1.Survivability=60% 2.Body weight at 6 months =1.3kg	1.Survivability=76% 2.Body weight at 6 months =1.3 kg		Cost of 10 birds Rs.780	Cost of 10 birds Rs.1200		Polythene pond is effective in rearing birds upto 45 days only
Jajpur	Kharif, 2014	Sub optimal utilization of scavenged feed leading to slow growth	Assessment	LPM	Poultry	Backyard poultry	Assessment of evaluation of multi enzyme mixture on growth of scavenging chicken.	13	Body weight at 3months-1.6kg	Body weight at 3months-1.9kg		Rs 1920/10 birds	Rs 2280 /10 birds		
Jajpur	Kharif, 2014	Deficiency of calcium and phosphorous in cattle feed in jajpur leading to deficiency disease	Assessment	LPM	Dairy	Small scale dairying	Assessment of effect of mineral supplementation on production related disease in cows	13	-	-	-	Rs. 25per cow/day	Rs.48 per cow/day	-	
Jajpur	Rabi, 2014-15	Low yield due to imbalanced nutrition and poor grain filling	Assessment	INM	Groundnut	Irrigated medium land	Assessment of Boron & Sulphur application in Groundnut	13	16.5	21.3	-	31200	49700	-	
Jajpur	Rabi, 2014-15	Low yield due to heavy	Assessment	IWM	Groundnut	Irrigated medium	Assessment of	13	16.2	20.1		30000	44900		

KVK name	Year/season	Problem diagnose	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Title of OFT	No. of trials	Results (Yield q/ha)			Net Returns (Rs./ha)			Recommendations
									Farmer practice T1	Rec. Tech T2	T3	T1	T2	T3	
		weed infestation				land	Imizathapyr (weedicide) application in groundnut								
Jajpur	Rabi, 2014-15	Farmers has no knowledge of Nitrogen fertilizer scheduling	Assessment	SFM	Paddy	Irrigated medium land	Assessment of real time Nitrogen management by LCC method in paddy	13	48.5	52.1	-	22525	27300	-	
Jajpur	Rabi, 2014-15	Low yield due to cultivation of local multiplier onion	Assessment	Varietal evaluation	Onion	Irrigated medium land	Assessment of onion variety Bhima super	5	178.6	246.2		51500	86210		Recommendation through line department for horizontal spread
Jajpur	Rabi, 2014-15	Low market price of var. Utkal Kumari due to thin skin & low keeping quality	Assessment	Varietal evaluation	Tomato	Irrigated medium land	Assessment of tomato variety swarna sampad	6	232.4	312.8		55560	77920		To be Converted to FLD in 2015-16 for horizontal spread
Jajpur	Rabi, 2014-15	Low profit from cultivation of local marigold (kelikusuma)	Assessment	Varietal evaluation	Marigold	Irrigated medium land	Assessment of marigold variety African double orange	5	88.2	108.8		52600	83760		Recommended for pot culture due to large flowers
Jajpur	Rabi, 2014-15	High manual weeding cost	Assessment	IWM	Okra	Irrigated medium	Assessment of weedicide	5	87.2	97.8		50600	63600		For recommen

KVK name	Year/season	Problem diagnose	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Title of OFT	No. of trials	Results (Yield q/ha)			Net Returns (Rs./ha)			Recommendations
									Farmer practice T1	Rec. Tech T2	T3	T1	T2	T3	
		leads to high cost of cultivation				land	(Targa super) application in okra								ded to line department for popularization of technology
Jajpur	Rabi, 2014-15	Heavy infestation of caterpillar leads to low yield	Assessment	IPM	cabbage	Irrigated medium land	Assessment of integrated management practices for tobacco caterpillar in cabbage	13	265	305		103450	124650		Technology is easily adopted by farmers but it needs further refinement
Jajpur	Rabi, 2014-15	Low yield due to disease infestation	Assessment	IDM	Groundnut	Irrigated medium land	Assessment of integrated disease management practices for control of sheath blight in groundnut	13	17.2	20.5	-	34700	45600	-	Technology is easily adopted by farmers but it needs further refinement
Jajpur	Rabi, 2014-15	Under utilized pond, Low family income and poor nutritional supplements to the farm family	Assessment	IFS	Pond based	Irrigated medium land	Assessment of integrated farming system model for marginal farmer	5	continuing	-	-	-	-	-	
Jajpur	Rabi, 2014-15	Heavy loss due to root rot	Assessment	IDM	Cowpea	Irrigated medium	Assessment of IDM practices	13	60.3	75.5		41650	62950	-	Technology is easily

KVK name	Year/season	Problem diagnose	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Title of OFT	No. of trials	Results (Yield q/ha)			Net Returns (Rs./ha)			Recommendations
									Farmer practice T1	Rec. Tech T2	T3	T1	T2	T3	
							for control of root rot disease in cowpea								adopted by farmers but it needs further refinement
Jajpur	Rabi, 2014-15	Dropping groundnut seeds behind the plough is tedious and time consuming job	Assessment	Farm mechanization	Groundnut	Medium irrigated	Assessment of performance of bullock drawn seed cum fertilizer drill for sowing of groundnut	6	22	23.5		50150	58350		The machine working well . Farmers are interested to purchase it
Jajpur	Rabi, 2014-15	In flood irrigation wastage of water is more	Assessment	Micro irrigation	Cabbage	Up land irrigated	Assessment of drip irrigation in cabbage	3	287	338		123950	149050		Weeding problem is less and cost of irrigation is reduced

Common OFT of Agroclimatic Zone(North eastern coastal plain zone)

KVK name	Year/season	Problem diagnose	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Title of OFT	No. of trials	Results (Yield q/ha)					Net Returns (Rs./ha)					Recommendations
									Farm er practice T1	Rec. Tech T2	T3	T4	T5	T1	T2	T3	T4	T5	
Jajpur	Kharif 2014	Poor nutrient management in Hybrid rice	Assessment	INM	Rice	Rainfed medium land	Assessment of nutrient management in hybrid rice in rice based cropping system	13	52	57.4	59.2	61.3	62.5	35750	41450	42400	45825	46025	Balanced dose of fertilizer @NPK@120:80:60kg/ha & adequate amount of Zn@5kg/ha & boron 1kg/ha performed well with increased in yield by 20.19%
Jajpur	Rabi, 2014-15	High cost of ploughing, loss of residual soil moisture broadcasting leads to uneven plant population	Assessment	Resource conservation	Mustard	Medium irrigated	Assessment of Resource conservation technology in mustard in rice mustard cropping system of North Eastern coastal plain zone	5	6.3	7.2	6.8			7500	10600	11500			Cost of cultivation is reduced by using zero till drill but the machine is not available

Jajpur	Rabi, 2014-15	Under utilized pond, Low family income and poor nutritional supplements to the farm family	Assessment	IFS	Pond based	Irrigated medium land	Assessment of integrated farming system model for marginal farmer	5	continuing										
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S l. No	FSR Component	Area(ha) & No.	Production (Qt/Lt)	Mandays used(No)			Cost of Prod. (Rs)	Gross Income (Rs)	Net Return (Rs)	B.C Ratio
				Male	Female	Total				
1	Field crop(ha)	0.60	180	85	70	155	55000	115000	65000	2.09
2	Dairy (country cow)	1	600	70	115	185	7500	21000	13500	2.8
3	Poultry	20	1200-1300gm/bird							
4	Ducks	20	900-1000gm/bird							
5	Mushroom	20beds /months	950gm/bed	20	30	50	3000	9500	6500	3.1
6	Pisciculture (Nile Telapia)	2kg /pond	25-35gm/fish	2	1	3	...			

2.2 Economic Performance

KVK name	OFT Title	Parameters				Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	Check	Demo	Refined Practice(T3)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
Jajpur	Assessment of paddy var. Nua Acharamati	Yield(q/ha)	31.1	38.7		29300	30500		46650	58050		17350	27550		1.59	1.9	
		EBT/sqmt	203	226													
		Test wt.(gm)	21.1	22.3													
Jajpur	Assessment of paddy var. Heera	Yield(q/ha)	27.3	33.1		25400	27100		35763	43361		10363	16261		1.4	1.6	
		EBT/sqmt	201	221													
		Test wt.(gm)	20.1	21.2													
Jajpur	Assessment of brown manuring in paddy	Yield(q/ha)	39.5	45.6		27000	29300		49375	57000		22375	27700		1.82	1.94	
		Organic carbon%	0.46	0.52													
Jajpur	Assessment of integrated management practices for control of leaf folder in paddy	Yield (q/ha)	38.1	45.3		29300	31500		47625	56125		18325	25125		1.6	1.8	
		Yield ,%of LF infestation	22%	9%													
Jajpur	Assessment of performance of bullock drawn seed cum fertilizer drill for sowing of paddy	Field capacity	0.57 ha/hr	0.163 ha/hr		27250	26900		46500	49500		19600	22600		1.7	1.84	
		Seed rate	87.5 kg/ha	40kg/ha													
Jajpur	Assessment of Evaluation of CARI model	1.survivability in percentage	60	76		.400/10 birds	600/10 birds		1180/10 birds	1800/10 birds		780/10 birds	1200/10 birds		2.95	3.0	
		2.Body	1.3 kg	1.6 kg													

KVK name	OFT Title	Parameters				Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	Check	Demo	Refined Practice(T3)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
	Duck rearing in polythene ponds	weight at 6 months in kg															
Jajpur	Assessment of evaluation of multi enzyme mixture on growth of scavenging chicken.	Body weight gain	1.6 kg	1.9kg		400/10 birds	450/10 birds		1920/10 birds	2280/10 birds		1620/10 birds	1930/10 birds		4.8	5.06	
Jajpur	Assessment of effect of mineral supplementation on production related disease in cows					Rs. 50 /animal /day	Rs. 52 /animal /day		Rs.75 /animal /day	Rs.100 /animal /day	-	Rs25 /animal /day	48 /animal /day		1.5	1.92	
Jajpur	Assessment of Boron & Sulphur application in groundnut	No. of pods/plant Yield(q/ha)	17 16.5	23 21.3		34800	35500		66000	85200		31200	49700		1.92	2.4	
Jajpur	Assessment of Imizathapyr (weedicide) application in groundnut	No. of pods/plant Yield(q/ha)	17 16.2	22 20.1		34800	35500		64800	80400		30000	44900		1.86	2.26	
	Assessment of real time Nitrogen management	Yield (q/ha) Parameter N saved kg/ha	48.5 0	52.1 21.3	-	38100	37825		60625	65125		22525	27300		1.59	1.72	

KVK name	OFT Title	Parameters				Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	Check	Demo	Refined Practice(T3)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
	by LCC method in paddy																
Jajpur	Assessment of onion variety Bhima super	Yield (q/ha) Individual bulb weight(gm) No. of bulb/plant	178.6 4.86 12.1	246.2 82.4 1		37800	49200		89300	135410		51500	86210		2.36	2.75	
Jajpur	Assessment of tomato variety swarna sampad	Yield (q/ha) Individual fruit weight(gm) No. of fruits/plant Fruit size(diameter in cm)	232.4 60.4 18.3 5.6 cm	312.8 75.5 23.8 6.2 cm		37400	47200		92960	125120		55560	77920		2.48	2.65	
Jajpur	Assessment of marigold variety African double orange	Yield (q/ha) Individual flower wt.(gm) No. of flower/plant Flower diameter(cm)	88.2 5.1 50.4 4.5	108.8 10.2 30.3 7.2		35600	46800		88200	130560		52600	83760		2.47	2.78	
Jajpur	Assessment of weedicide (Targa super) application in okra	Yield (q/ha) No. of weeds/m ² after 45 days of planting	87.2 24.6	97.8 5.8		36600	34200		87200	97800		50600	63600		2.38	2.85	

KVK name	OFT Title	Parameters				Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	Check	Demo	Refined Practice(T3)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
Jajpur	Assessment of integrated management practices for tobacco caterpillar in cabbage	Yield (q/ha)	265	305		55550	58350		159000	183000		103450	124650		2.9	3.13	
		% foliar feeder infestation	18%	8%													
Jajpur	Assessment of integrated disease management practices for control of sheath blight in groundnut	Yield , % disease infestation	20	6		34100	35500		68800	82000		34700	46500		2.0	2.3	
Jajpur	Assessment of integrated farming system model for marginal farmer	continuing															
Jajpur	Assessment of IDM practices for control of root rot disease in cowpea	Yield , % root rot infestation	18	9		48800	50300		90450	113250		41650	62950		1.8	2.2	
Jajpur	Assessment of performance of bullock drawn seed cum fertilizer	Field capacity	0.015 ha/hr	0.163 ha/hr		33450	30950		83600	89300		50150	58350		2.49	2.88	
		Seed rate	150kg/ha	50kg/ha													

KVK name	OFT Title	Parameters				Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	Check	Demo	Refined Practice(T3)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
	drill for sowing of groundnut																
Jajpur	Assessment of drip irrigation in cabbage	Weed control (no/m2)	58	12		48250	53750		172200	202800		123950	149050		3.57	3.77	

7.12. Information about Home Science OFT:

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment / Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristic s of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
Jajpur	2014	Kharif	Slow growth of bird leading to low meat production	Assessment of feeding supplementation on growth of poultry bird in semi intensive system	Assessment	Small scale income generation	Feeding supplementation on growth of poultry bird in semi intensive system	Feeding supplementation on growth of poultry bird in semi intensive system	Enterprise	13	Growth rate of poultry bird is rapid with feed supplementation,
Jajpur	2014-15	Rabi	Heavy infestation of storage pest in paddy	Assessment of grain pro super bag for safe storage of paddy	Assessment	Minimization of storage loss	Storage of grain in gran pro-super bag	Storage of grain in gran pro-super bag	Enterprise	13	Use of grain-pro superbag control rice weevil and other pests
Jajpur	2014-15	Rabi	Low return and delay due	Assessment of solar drier for drying of	Assessment	Income generation	Washing , peeling & slicing of	Drying capacity 18kg/batch, drying period –	Enterprise	5	

			to traditional method of drying	vegetables				vegetables ,blanching and solar dring	2days, retention of colour			
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Economic Performance Home Science OFT:

KV K na me	OFT Title	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Producti on per unit		Cost of input		Increme ntal income		Yield(Kg /ha)		Net Return		Sav ing in Rs	BC rati o
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Jaj pur	Assessme nt of feeding supplement ation on growth of poultry bird in semi intensive system	Avg. body wt.- 13 kg/10 bird	Avg. body wt.- 20kg /10 bird																	7600	14000		T1-1.95 T2-2.4
Jaj pur	Assessm ent of grain pro super bag for safe storage of paddy	Pest count- 15.3% Grain wt/1000 grain- 22.7	Pest count- 4.6% Grain wt/1000 grain- 22.2																				
		Periodi c observa	Periodic observati on-																				

		tion- 3month s	3months																				
Jajpur	Assessment of solar dryer for drying of vegetables	Optimum colour is not retained Drying period - 4day	Optimum colour is retained Drying period - 2day											780	1650					1280	4000	2720	T1-1.64 T2-2.42

Feedback from KVK to Research System

Name of KVK	Feedback
Jajpur	Marigold var. African double orange is not suitable for commercial flower cultivation but preferred by the farmers for pot culture.
Jajpur	Tomato variety Swarna Sampad accepted by the farmers for large scale cultivation due to its high yield, thick skin, long keeping quality.
Jajpur	Onion var. Bhima super was preferred by the farmers due to its large bulb size, weight, pleasing appearance and high yield and market price.
Jajpur	Five row bullock drawn seed cum fertilizer drill is easily operated by medium size bullocks. Performance of the machine is appreciated by the farmers.
Jajpur	Proper moisture content of soil is most important factor for operating zero till drill .
Jajpur	Short duration rice var. Heera performed well under improved management practices.
Jajpur	Aromatic rice var. Nua acharamati performed well with increased in yield
jajpur	Integrated management practices for control of leaf folder in rice is accepted by the farmers due to its effective control but there should be study on species diversity of leaf folder incidence in coastal ecosystem.

3. Achievements of Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years 2013-2014

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Jajpur	Enterprise	Income generation	Demonstration on backyard poultry Black rock	Training, Demonstration	28	330	3500 birds
Jajpur	Enterprise	Income generation	Demonstration on Blue oyster mushroom (Hypsizygous ulmarius)	Training, Demonstration	22	140	12000 beds/annum
Jajpur	Enterprise	Farm mechanization	Demonstration on use of drum seeder	Training, Demonstration	8	40	40 ha
Jajpur	Enterprise	Farm mechanization	Demonstration on use of vertical conveyer reaper	Training, Demonstration	15	70	120 ha
Jajpur	Enterprise	LPM	Demonstration on health management in goats	Training, Demonstration	12	150	1000 goats
Jajpur	Enterprise	LPM	Demonstration on scientific rearing practices in poultry production	Training, Demonstration	20	200	3000 birds
Jajpur	paddy	ICM	Demonstration on post emergence weed controlling by Almix(metasulfuron+chloromuron) in paddy	Training, Demonstration	15	125	450 ha
Jajpur	Paddy	IPM	Demonstration on management of early shoot borer in sugarcane	Training, Demonstration	18	85	225
Jajpur	Marigold	Commercial cultivation	Demonstration on cultivation of marigold var. sirakole	Training, Demonstration	10	45	15 ha

Note-

* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.

*Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Paddy in place of Rice , brinjal in place of egg plant etc.

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3.2 Details of FLDs implemented 2014-15

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/Enterprise	Name of Variety/Technology/Entreprises	Crop-Area (ha) / Entrep – No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Jajpur	2014	Kharif	INM	Demonstration on application of Sulphur @30kg/ha along with RDF in groundnut	groundnut	Devi	1ha	14.6	18.3	25.34			5		5
Jajpur	2014	Kharif	ICM	Demonstration on maize+ cowpea(2:1) intercrop system under rainfed upland situation	Maize+ cowpea	NK-30 +Utkal Manika	1 ha	42.9	54.28	26.52			5		5
Jajpur	2014	Kharif	Varietal evaluation	Tissue culture banana G9 with recommended package of practices	Banana	Tissue culture banana G9	0.2 ha	Continuing					5		5
Jajpur	2014	Kharif	IPM	Demonstration on integrated management of yellow stem borer in paddy	Paddy	Swarna	1 ha	40.5	48.1	18.7			5		5
Jajpur	2014	Kharif	IPM	Demonstration on management of leaf curling in chilli	Chilli	Pant-C	1 ha	95.9	125.3	23			5		5
Jajpur	2014	Kharif	Farm mechanization	Demonstration on use of eight row drum seeder	Enterprise	eight row drum seeder	1 ha	42.8	43.24	1.03	1		4		5
Jajpur	2014	Kharif,	Farm mechanization	Demonstration on use of tractor drawn rotavator	Enterprise	tractor drawn rotavator	1 ha	41.6	42.36	1.83			3	2	5

Jajpur	2014	Kharif	LPM	Demonstration on rearing of white pekin ducks for meat production	Enterprise	White pekin duck	5(50 ducks)	Body weight at 2 months 1000gm	Body weight at 2 months 1800gm	80%	1	0	0	4	5
Jajpur	2014	Kharif	ICM	Demonstration on groundnut var. Devi With <u>Gypsum@2.5</u> qtl/ha, seed treatment with Rhizobium culture @20gm/kg of seed along with RDF(NPK) 20:40:40 kg/ha	Groundnut	Devi	5 ha	14.1	17.3	22.69			12		12
Jajpur	2014	Kharif	ICM	Demonstration on greengram var. IPM 02-14, seed inoculation of Rhizobium culture @20gm/kg of seed with RDF (NPK)20:40:20 kg/ha	Green gram	. IPM 02-14	5 ha	6.9	8.5	23.18			13		13
Jajpur	2014-15	Rabi	INM	Demonstration on Use of sodium molybdate @1kg/ha, soil application in cauliflower	cauliflower	Barkha	1ha	247	286	15.78			5		5
Jajpur	2014-15	Rabi	INM	Demonstration on application of FYM 15T/ha,,neem cake @1qtl/ha, NPK @125:50:75 kg/ha, foliar application of Borax 2gm/liter of water in cabbage	cabbage	Disha	1 ha	261	307	17.68			5		5

Jajpur	2014-15	Rabi	Varietal evaluation	cultivation of capsicum var. California wonder with recommended package of practices	Capsicum	California wonder	0.4 ha	84.6	106.8	26.2			5		5
Jajpur	2014-15	Rabi	INM	N-P-K @40-20-20kg/acre, neem oil cake 1qtl/acre, seed treatment with 25gm Azotobacter/1kg seeds	Okra	Mahyco-10	0.4 ha	84.8	121.4	43.1			5		5
Jajpur	2014-15	Rabi	IPM	Demonstration on management of white fly in okra	okra	Mahyco-10	1ha	108.3	122.5	13			5		5
Jajpur	2014-15	Rabi	IDM	Demonstration on integrated management practice for control of sheath blight in paddy	paddy	Lalat	1ha	38.0	46.2	18.7		5		5	
Jajpur	2014-15	Rabi,	Farm mechanization	Demonstration on use of vertical conveyor Reaper	Enterprise	vertical conveyor Reaper	1 ha	42.5	42.5	-	-		-	5	5
Jajpur	2014-15	Rabi	Farm mechanization	Demonstration on use of combine harvester	Enterprise	combine harvester	1 ha	42.3	42.3	-	-	-		5	5
Jajpur	2014-15	Rabi	LPM	Demonstration in Health management in goat	Enterprise	Deworming and feed supplementation	5(20 goats)	Body weight at 3 months 4.6 kg	Body weight at 3 months 5.4	17.3%	4	0	0	1	5
Jajpur	2014-15	Rabi	LPM	Demonstration on calcium supplementation for regular egg laying in backyard poultry rearing	Enterprise	Calcium supplementation	5(50 birds)	No of eggs per 10 hens per month 128	No of eggs per 10 hens per month 168	31.2 %	4	0	0	1	5

Jajpur	2014-15	Rabi	ICM	Demonstration on groundnut var. Devi With <u>Gypsum@2.5</u> qtl/ha, seed treatment with Rhizobium culture @20gm/kg of seed along with RDF(NPK) 20:40:40 kg/ha	Grou ndnut	Devi	5 ha	16.3	20.3	27.60	1	-	-	11	12
Jajpur	2014-15	Rabi	ICM	Demonstration on greengram var. TARM-1, seed inoculation of Rhizobium culture @20gm/kg of seed with RDF (NPK)20:40:20 kg/ha	Green gram	TARM-1	5 ha	6.8	9.1	33.82	-	-	1	12	13

3.3 Economic Impact of FLD

KV K Na me	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit- Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Jajpur	Demonstration on application of Sulphur @30kg/ha along with RDF in groundnut	Groundnut	Yield(q/ha)	14.6	18.3	30100	31000	58400	73200	28300	42200	1.94	2.36
			No. of pods/plant	15	19								
Jajpur	Demonstration on maize+ cowpea(2:1) intercrop system under rainfed upland situation	Maize+cowpea	Yield(q/ha)	42.9	54.28	31000	33000	60060	75992	29060	42992	1.93	2.30
Jajpur	Tissue culture banana G9 with recommended package of practices	Tissue culture banana	Yield (q/ha)	continui ng									
Jajpur	Demonstration on integrated management of yellow stem borer in paddy	paddy	Yield (q/ha)	40.5	48.1	29500	32300	50625	60125	21125	27825	1.7	1.8

KV K Na me	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit- Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Jajpur	Demonstration on management of leaf curling in chilli	chilli	Yield (q/ha)	95.9	125.3	55450	58300	143850	190800	88400	125500	2.6	3.3
Jajpur	Demonstration on use of eight row drum seeder	Paddy	Field capacity Mandays required	0.001ha/hr 36 mandays/ha	0.19ha/hr 1 mandays /ha	28850	21850	53500	54050	24650	32200	1.85	2.47
Jajpur	Demonstration on use of tractor drawn rotavator	paddy	Field capacity Puddling index	0.53ha/hr 41%	0.53 ha/hr 62%	29480	28480	52000	52950	22520	25470	1.8	1.85
Jajpur	Demonstration on rearing of white pekin ducks for meat production	duck	Body weight at 2 months	1000gm	1800gn	250/10d ucks	690/10 ducks	500/10 duck	1800/10d ucks	250/10d ucks	1110/10 ducks	2.0	2.60

KV K Na me	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit- Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Jajpur	Demonstration on groundnut var. Devi With <u>Gypsum@2.5</u> qtl/ha, seed treatment with Rhizobium culture @20gm/kg of seed along with RDF(NPK) 20:40:40 kg/ha	Groundnut	Yield(q/ha)	14.1	17.3	30100	31000	56400	69200	26300	38200	1.87	2.23
			No. of pods/plant	15	18								
Jajpur	Demonstration on greengram var. IPM 02- 14,seed inoculation of Rhizobium culture @20gm/kg of seed with RDF (NPK)20:40:20 kg/ha	Greengram	Yield(q/ha)	6.9	8.5	22100	23200	34500	42500	12400	19300	1.56	1.83
			No. of pods/plant	11	21								

KV K Na me	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit- Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Jajpur	Demonstration on Use of sodium molybdate @1kg/ha sa soil application in cauliflower	cauliflower	Yield(q/ha)	247	286	51300	62500	98800	143000	47500	80500	1.92	2.28
			Curd wt(gm)	752	891								
Jajpur	Demonstration on application of FYM 15T/ha, neem cake @1qtl/ha, NPK @125:50:75 kg/ha, foliar application of Borax 2gm/liter of water in cabbage	cabbage	Yield(q/ha)	261	307	55550	58350	156600	184200	101050	125850	2.81	3.15
			Curd wt(gm)										
Jajpur	cultivation of capsicum var. California wonder with recommended package of practices	Capsicum	Yield(q/ha)	84.6	106.8	43400	48200	104160	139780	60760	91580	2.4	2.9
			Avg. fruit wt.(gm)	60.8	3.1								

KV K Na me	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit- Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Jajpur	N-P-K @40-20-20kg/acre, neem oil cake 1qtl/acre, seed treatment with 25gm Azotobacter/1kg seeds	Okra	Yield (q/ha)	84.8	121.4	34600	42860	84800	121400	50200	78540	2.45	2.83
			Fruit weight(gm)	10.8	14.1								
			No. of fruits/plant	12.1	13.04								
Jajpur	Demonstration on management of white fly in okra	Okra	Yield (q/ha)	108.3	122.5	66920	70130	162450	183750	95530	113620	2.4	2.6
Jajpur	Demonstration on integrated management practice for control of sheath blight in paddy	Paddy	Yield(q/ha) % infestation	38.0	46.2	25450	26150	47625	57750	22175	31600	1.9	2.2
Jajpur	Demonstration on use of vertical conveyor Reaper	Paddy	Field capacity Labour require Cost of operation(Rs/ha)	0.001ha/hr 36mandays /ha 7200	0.2ha/hr 1manday /ha 2500	28850	24150	53125	53125	24275	28975	1.84	2.2
Jajpur	Demonstration on use of combine harvester	paddy	Field capacity Labour requirement	0.2ha/hr 40mandays /ha	0.4ha/hr 1manday s/ha	30530	25050	52875	52875	22325	27825	1.73	2.11

KV K Na me	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit- Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Jajpur	Demonstration on Health management in goat	Goat	Body weight at 3 months	4.6kg	5.4kg	700/pair of goats	750pair/ goats	2450/pair of goat	2700/pair of goats	1750/ pair of goats	1950/pair of goats	3.5	3.6
Jajpur	Demonstration on calcium supplementation for regular egg laying in backyard poultry rearing	poultry	No. of eggs/month/10 hens	128	168	Rs 280/mont h/10 hens	Rs 320/month/ 10 hens	Rs 640/month/ 10 hens	Rs 840/month/ 10 hens	Rs 360/mont h/10 hens	Rs 520/month/1 0 hens	2.28	2.62f
Jajpur	Demonstration on groundnut var. Devi With <u>Gypsum@2.5</u> qtl/ha, seed treatment with Rhizobium culture @20gm/kg of seed along with RDF(NPK) 20:40:40 kg/ha	Groundnut	Yield(q/ha) No. of pods/plant	16.3 17	20.8 23	34800	35500	65200	83200	30400	47700	1.87	2.34

KV K Na me	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit- Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Jajpur	Demonstration on greengram var. TARM-1, seed inoculation of Rhizobium culture @20gm/kg of seed with RDF (NPK)20:40:20 kg/ha	Greengram	Yield(q/ha)	6.8	9.1	22100	23200	34000	45500	11900	22300	1.53	1.96
			No. of pods/plant	16	23								

3.4 Information about Home Science FLDs

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Tech nology/Enter prises	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Jajpur	2014	Kharif	Income generation	Low yield of both egg & meat in desi bird	Demonstration on rearing of Black rock poultry in semi intensive system	Enterprise	Poultry (Blackrock)	Homestead	100 bird (10 unit)	10
Jajpur	2014-15	Rabi	Income generation	Low yield oyster mushroom var. P. Sajorcaju	Cultivation of blue mushroom var. Hypsizygous ulmarius	Enterprise	Mushroom (var. Hypsizygous ulmarius)	Homestead	100 bed (10 unit)	10
Jajpur	2014-15	Rabi	Income generation	Distress sale of mushroom	Demonstration on preparation of mushroom pickle <i>P. florida</i>	Enterprise	Mushroom species. <i>P. florida</i>	Homestead	50 bottle (5)	5
Jajpur	2014-15	Rabi	Drudgery reduction	More no. of planting materials are required	Use of sugarcane bud chipper	Enterprise	Sugarcane bud chipper	Homestead		10

3.5 Economic Performance Home Science FLDs:

KV K nam e	Technology to be Demonstrat ed	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expendit ure kj/min.		WHR beat/min		% reducti on in drudge ry		% 38ncre ase in efficien cy		Producti on per unit		Cost of input		Increm ental income		Yield(Kg/ha)		Net Return		Savi ng in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T 1	T 2	T1	T2	T1	T2	T1	T2		
Jajp ur	Demonstratio n on rearing of Black rock poultry in semi intensive system													7 5 0	1 1 5 0			Body weight at 3 months 23.2 kg/unit of 10 birds	Body weight at 3 months 9.2 kg/unit of 10 birds	1680	4080	240 0	T1- 2.24 T2- 3.54
Jajp ur	Demonstration on blue mushroom var. Hypsizygous ulmarius													25 /b ed	25 /b ed			Avg fruit wt. of mushroo m 25gm Avg. Yield per bed-2kg	Avg fruit wt. of mushroo m 46gm Yield per bed- 2.85.5kg	75	117.5	925	T1- 4.0 T2- 5.7
Jajpu r	Demonstration on preparation of Oyster mushroom													32 0	75 0			Sold as raw mushroo	Sold as pickle 12 kg	650	1800	850	T1- 3.03 T2- 3.4

	pickle																m 10kg/unit	pickle /unit				
Jajpur	Demonstration on performance of Sugarcane bud chipper	152 setts/hr.	284 buds/hr	9.7 2kj/min	10.5 2kj/min	116 beats/min	121 beats/min		46		86											

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Jajpur	Okra	Field day	1	25	The technology appreciated by the farmers
Jajpur	Capsicum	Training	1	25	Yield increases
Jajpur	Banana	Training	1	25	
Jajpur	Drum seeder	Training	1	25	The technology appreciated by the farmers
Jajpur	Vertical conveyor reaper	Training	2	30	The technology appreciated by the farmers as 90% labour is saved by using the implement
Jajpur	Paddy	Training	2	50	The technology appreciated by the farmers
Jajpur	Chilli	Training	1	25	The technology appreciated by the farmers
Jajpur	Duckery	Field day	1	25	Net income increases
Jajpur	Duckery	Training	1	25	Net income increases
Jajpur	Poultry	Training	4	100	Net income increases
Jajpur	Poultry	Field day	1	25	Net income increases
Jajpur	Poultry	Training	1	25	Net income increases
Jajpur	Groundnut	Field day	1	25	Groundnut var. Devi is preferred by the farmers
Jajpur	Rotavator	Field day	1	25	Technology appreciated by the farmers

Jajpur	Combine harvester	Field day	1	25	Technology appreciated by the farmers
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3.7 Details of FLD on crop hybrids.

S.No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
1	Jajpur	NA	NA	NA	NA	NA

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Jajpur	Sulphur application in groundnut	Application of Sulphur @ 30kg/ha along with RDF	Application of sulphur in the form Gypsum @250kg/ha as basal under optimum soil moisture condition along with RDF boosts up the pod yield of groundnut by about 25.34%	Farmers are interested to adopt this technology
Jajpur	Molybdenum application in cauliflower	Application of sodium molybdenum @1kg/ha as soil application	Use of sodium molybdenum @1kg/ha as soil application control whiptail disease & improve the quality of curd & increases the cauliflower yield 15.78%	Farmers are interested to adopt the technology
Jajpur	Cultivation of capsicum var. California wonder which made the farmer more profitable	Interactive demonstration	More profitable	Farmers are interested to adopt this variety as it is profitable
Jajpur	Use of eight row drum seeder	Interactive demonstration	Save time, reduces cost of cultivation	Farmers are interested to use this implement as cost of transplanting is reduced

Jajpur	Use of vertical conveyor Reaper	Interactive demonstration	Harvesting cost is reduce	Farmers are interested to use this implement as cost of harvesting is reduced
Jajpur	Value addition in oyster mushroom var. P. Florida	Interactive demonstration	Mushroom pickle can be stored for 3 and ½ months	SHG members are interested to adopt this technology
Jajpur	Rearing of black rock poultry in semi intensive condition	Interactive demonstration	More profitable	SHG members are interested to adopt this technology in large scale
Jajpur	White pekin ducks	Interactive demonstration	Attractive ducks with high growth rate	Prefer by the farmers
Jajpur	Health management in goats	Interactive demonstration	Body weight gain due to deworming, reduction of kid mortality	Farmers are willing to deworm periodically
jajpur	Integrated management practices for leaf folder in rice.	Application of integrated management practices	Reduce the cost of cultivation increase yield , reduce pest load	Farmers are accepted the technology and the inputs supplied are also available in locally.
Jajpur	Management of paddy stem borer	Application of integrated management practices	Reduce the cost of cultivation increase yield , reduce pest load	Farmers are accepted the technology and the inputs supplied are also available in locally.
Jajpur	Management of chili thrips.	Interactive demonstration	Reduce the cost of cultivation increase yield , reduce pest load	Farmers are accepted the technology and the inputs supplied are also available in locally.

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Jajpur	Five row bullock drawn seed cum fertilizer drill is easily operated by medium size bullocks. Performance of the machine is appreciated by the farmers
Jajpur	Proper moisture content of soil is most important factor for operating zero till drill
Jajpur	Polythene ponds for rearing of ducks is suitable for young age group of ducks below 45 days only.
Jajpur	Rice Leaf folder species diversity is to be studied under coastal ecosystem.
Jajpur	Timely availability of true two types seeds and seedlings at the time of need is most urgent

4. Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Jajpur	F & FW	PRA, Group discussion,	19 th , 25 th , 28 th , April, 2014, 8 th , 31 st , May, 2014, 14 th , 18 th , 21 st , August, 2014 Rambhadeipur, Niladeipur, Patpur, Chandia, Madhupurgargh, Ranagundi, Dihakuransa, Bamphu, Areikana, Abhaypur	
Jajpur	RY	PRA, Group discussion,	12 th , 19 th , 22 nd , 25 th , Sept, 2014, 3 rd , 10 th , 20 th , Nov, 2014 Kalakala, Deurigarh, Achutbasanta, Chaulathali, Amiyajhari	
Jajpur	IS	Group discussion, district meeting forum	23.08.14, 15.12.14, 24.02.15 DDA office 10.11.14 DAO office Dharmasala	
Jajpur	Vocational	PRA, Group discussion,	12 th , 19 th , 22 nd , 25 th , Sept, 2014, 3 rd , 10 th , 20 th , Nov, 2014 Kalakala, Deurigarh, Achutbasanta, Chaulathali, Amiyajhari	

Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	I Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male

F	Female
T	Total
Thematic Areas for Training	
CRP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RYH	Rural Youth
EXP	Extension Personnel

5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only,
2. For category, training type and thematic area, mention code/abbreviations only

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Jajpur	FW	OFC	SFM	Integrated nutrient management in Kharif paddy	1	1	10	2	1	-	-	-	12	-
Jajpur	FW	OFC	SFM	Chemical weed control in kharif paddy	1	1	10	2	1	0	0	12	0	
Jajpur	FW	OFC	SFM	Technique of soil sample collection.	1	1	10	2	1	2	0	8	2	
Jajpur	FW	OFC	SFM	Biofertilizer application in solanaceous crop.	1	1	8	1	2	1	2	0	10	1
Jajpur	FW	OFC	HOM	Production and management of medicinal plant	1	1	10	2	2	1	0	0	9	1
Jajpur	FW	OFC	HOT	Production and management of cucurbits	1	1	7	2	2	1	2	0	10	1
Jajpur	FW	OFC	HOF	Production & management of short duration fruit crops banana	1	1	14	0	2	1	2	0	5	1
Jajpur	FW	OFC	HOO	Production technique of marigold	1	1	8	2	2	1	2	0	9	1

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Jajpur	FW	OFC	HOO	Production technology of onion	1	1	9	1	2	1	2	0	9	1
Jajpur	FW	OFC	HOV	Production and management of brinjal	1	1	14	0	2	1	2	0	5	1
Jajpur	FW	OFC	HOT	Production & management broccoli	1	1	9	0	3	1	0	0	12	0
Jajpur	FW	OFC	AEG	Use, operation and importance of M.B. plough	1	1	7	3	1	2	2	0	9	1
Jajpur	FW	OFC	AEG	Use of different mulching material	1	2	2	8	2	2	0	2	0	9
Jajpur	FW	OFC	AEG	Micro irrigation systems and its importance	1	1	8	3	2	2	0	2	0	8
Jajpur	FW	OFC	AEG	Use and importance of seed cum fertilizer drill	1	1	7	3	2	2	1	2	0	8
Jajpur	FW	OFC	AEG	Use and importance of reaper.	1	1	10	2	1	2	0	2	0	8
Jajpur	FW	OFC	AEG	Maintenance care and safety measure during operation of power paddy thresher	1	1	9	3	1	2	0	2	0	8
Jajpur	FW	ONC	AEG	Techniques for use of drum seeder	1	1	9	1	2	0	2	0	10	1
Jajpur	FW	ONC	AEG	Operation skills of self	1	1	8	2	1	0	3	0	10	1

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				propelled rice transplanter										
Jajpur	FW	OFC	PLP	Integrated pest management in Rice	1	1	15	0	-	3	-	-	-	7
Jajpur	FW	OFC	PLP	Integrated pest management in sugarcane	1	1	12	0	-	3	-	-	3	7
Jajpur	FW	OFC	PLP	Mgmt. of sucking pest in okra	1	1	7	2	2	1	2	0	10	1
Jajpur	FW	OFC	PLP	Mgmt. of sucking pest in chilli	1	1	0	0	-	1	-	-	-	24
Jajpur	FW	OFC	PLP	Integrated disease management in rice	1	1	20	0	-	-	5	-	-	0
Jajpur	FW	OFC	LPM	Backyard poultry farming	1	1	9	2	2	0	2	0	9	1
Jajpur	FW	OFC	LPM	Housing consideration in livestock poultry farming	1	1	24	0	1	0	0	0	0	0
Jajpur	FW	ONC	LPM	Record keeping in livestock & poultry farming	1	1	13	0	9	2	1	0	0	0
Jajpur	FW	ONC	LPM	Duck husbandry.	1	1	8	2	2	1	2	0	9	1
Jajpur	FW	ONC	LPM	Common diseases of poultry & their prevention	1	1	22	1	2	0	0	0	0	0
Jajpur	FW	OFC	WOE	Paddy straw mushroom cultivation	1	1	0	10	0	5	0	0	0	10
Jajpur	FW	OFC	WOE	Preparation of lowcost weaning mix from locally available	1	1	0	22	0	3	0	0	0	0
Jajpur	FW	OFC	WOE	Cultivation of oyster mushroom var. P. Florida	1	1	0	22	0	3	0	0	0	0
Jajpur	FW	OFC	WOE	Care and management of	1	1	0	21	0	4	0	0	0	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				backyard poultry rainbow rooster										
Jajpur	FW	OFC	WOE	Crop rotation in nutritional garden	1	1	0	23	0	2	0	0	0	0
Jajpur	FW	OFC	WOE	Safe storage of food grain by using TNAU trap	1	1	0	25	0	0	0	0	0	0
Jajpur	FW	OFC	WOE	Preparation of pickles by using of oyster mushroom	1	1	0	19	0	6	0	0	0	0
Jajpur	IS	ONC	SFM	Management of problematic soil for sustainable crop production	1	1	15	0	0	0	0	0	0	0
Jajpur	IS	ONC	HOT	Production on crop of organic input	1	1	15	0	0	0	0	0	0	0
Jajpur	IS	ONC	PLP	IPM for vegetable crops	1	2	15	0	0	0	0	0	0	0
Jajpur	IS	ONC	AEG	Use of different harvesting implements	1	1	2	13	0	0	0	0	0	0
Jajpur	IS	ONC	LPM	Adverse drug reaction in veterinary field practice	1	2	15	0	0	0	0	0	0	0
Jajpur	IS	ONC	WOE	Value addition in tuber crop and sweet potato	1	1	0	15	0	0	0	0	0	0

Table 5.2. Details of Vocational training programmes for Rural Youth conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Jajpur	Composting of farm waste	Enterprise	Income generation	5	10	0	0	0	0	0	0	0
Jajpur	Vocational training on organic farming	Enterprise	Soil fertility management	5	10	0	0	0	0	0	0	0
Jajpur	Soil and water management	Crop	Soil fertility management	5	8	0	0	2	0	0	0	0
Jajpur	Planting material production	Crop	Self employment through agro based enterprise	5	4	0	1	0	0	0	0	0
Jajpur	Vegetable production under low cost protected structure	crop	Hi-tech horticulture	3	8	0	2	0	0	0	0	0
Jajpur	Skill in mat type nursery raising	Crop	Income generating activities through farm implements	2	15	0	3	0	0	0	7	0
Jajpur	Operating Skill in self propelled rice transplanter	Enterprise	Self employment through farm implements	2	13	0	2	0	2	0	8	0
Jajpur	Repair and maintenance of tractor	Enterprise	Self employment through farm implements	5	5	0	0	0	0	0	0	0
Jajpur	Operating skills of vertical conveyor reaper	Enterprise	Self employment through farm implements	5	4	0	1	0	0	0	0	0
Jajpur	Azolla cultivation	Enterprise	Income generation	2	8	0	2	0	0	0	0	0
Jajpur	Adverse drug reaction in vety. Field practice	Enterprise	Self employment	1	10	0	1	0	0	0	4	0
Jajpur	Value addition in mushroom	Enterprise	Skill development avenue Self employment	5	10	0	0	0	0	0	5	0
Jajpur	Production of organic inputs (NSKE)	Enterprise	Income generation	5	10	0	0	0	0	0	0	0
Jajpur	Mushroom spawn production	Enterprise	Skill development avenue Self employment	5		2	0	0	0	0	0	5

Table 5.3. Details of training programme conducted for livelihood security in rural areas by the KVKs

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
Jajpur	Backyard poultry farming	Medium	4	6	
Jajpur	Mushroom cultivation	Medium	4	10	

Table 5.4. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)	
							Gen		Others		SC		ST				
							M	F	M	F	M	F	M	F			
Jajpur	Integrated crop management on Rabi vegetables	ICM		-	1	1	15	-	10	-	-	10	-	5		ATMA ,JAGATSINGHPUR	1000.00
Jajpur			-	-	-	-	-	-	-	-	-	-	-				
Jajpur			-	-	-	-	-	-	-	-	-	-	-				
Jajpur			-	-	-	-	-	-	-	-	-	-	-				

Table 5.5 Training Programmes for Panchayatiraj Institutions Office-bearers & members

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Jajpur	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 5.6 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Jajpur	Backyard poultry farming	25	40	75	5/month egg per bird	10/month egg per bird	250/month		1. Area expanded (ha): 3ha 2. No. of farmers adopted (no.): 3. % change in knowledge- 4. production- , & Income-
Jajpur	Duck husbandry	25	50	90	1.2kg per duck	1.8 kg per duck	1200/10 ducks	1800/10 ducks	1. Area expanded (ha): 3ha 2. No. of farmers adopted (no.): 3. % change in knowledge- 4. production- , & Income-
Jajpur	Record keeping in livestock & poultry farming	25	20	60	2000/livestock poultry	2300/livestock poultry	2000	2300	1. Area expanded (ha): 2. No. of farmers adopted (no.): % change in knowledge-
Jajpur	Common diseases of poultry & their prevention	25	10	70	30-50% mortality	5-10% mortality	800/	1800/	1. Area expanded (ha): 2. No. of farmers adopted (no.): % change in knowledge
Jajpur	Housing consideration in livestock poultry farming	25	15	80	20-30% mortality	5-10% mortality	2000/	2500/	1. Area expanded (ha): 2. No. of farmers adopted (no.): % change in knowledge
Jajpur	Adverse drug reaction in vety. Field practice	15	30	90	-	-	-	-	1. Area expanded (ha): 2. No. of farmers adopted (no.): % change in knowledge
Jajpur	Azolla cultivation	10	30	90			120/day	140 day	1. Area expanded (ha): 2. No. of farmers adopted (no.): 3. % change in knowledge-
Jajpur	Paddy straw mushroom cultivation	25	20	75	1kg/bed	1.5kg/bed	20,000/annum	25,000/anum	1. Area expanded (ha): 2. No. of farmers adopted (no.): % change in knowledge
Jajpur	Cultivation of oyster mushroom var. P. Florida	25	18	45	1.2kg/bed	2.5kg/bed	18,000/annum	22,000/annum	1. Area expanded (ha): 2. No. of farmers adopted (no.): 3. % change in knowledge-

Jajpur	Crop rotation in nutritional garden	25	28	54	1.8kg/day	3.5kg/day	20,000/annum	28,000/annum	1. Area expanded (ha): 2. No. of farmers adopted (no.): 3. % change in knowledge-
Jajpur	Preparation of pickles by using of oyster mushroom	25	27	48			28,000/annum	35,000/annum	1. Area expanded (ha): 20ha 2. No. of farmers adopted (no.): 6 3. % change in knowledge-82.76%
Jajpur	Integrated pest management in Rice	25	15	55	30q/ha	45q/ha	8500/ha	18500/ha	1. Area expanded (ha): 2. No. of farmers adopted (no.): 155 3. % change in knowledge-46.56%
Jajpur	Integrated pest management in sugarcane	25	10	65	80ton/ha	110ton/ha	75000/Ha	130000/Ha	1. Area expanded (ha): 55 2. No. of farmers adopted (no.): 3. % change in knowledge-35.94%
Jajpur	Mgmt. of sucking pest in okra	25	25	70	75qha	105q/ha	44500/ha	75000/ha	1. Area expanded (ha): 85 2. No. of farmers adopted (no.): 200 3. % change in knowledge-45.28%
Jajpur	Mgmt. of sucking pest in chilli	25	18	65	85q/ha	98q/ha	55000/ha	85000/ha	1. Area expanded (ha): 54 2. No. of farmers adopted (no.): 145 3. % change in knowledge-26
Jajpur	Integrated disease management in rice	25	25	80	35q/ha	50q/ha	15000/ha	21000/ha	1. Area expanded (ha): 850 2. No. of farmers adopted (no.):5 3. % change in knowledge-23%
Jajpur	Use, operation and importance of M.B. plough	25	42	65					1. Area expanded (ha): 15 2. No. of farmers adopted (no.): 8 3. % change in knowledge-55%
Jajpur	Skill in mat type nursery raising	20	12	55					1. Area expanded (ha): 20 2. No. of farmers adopted (no.): 6 3. % change in knowledge-358%
Jajpur	Technique for use of drum seeder	25	10	58					1. Area expanded (ha): 20 2. No. of farmers adopted (no.): 8 3. % change in knowledge-480%
Jajpur	Operating Skill in self propelled rice transplanter	20	10	52	45	52			1. Area expanded (ha): 20 2. No. of farmers adopted (no.): 6 3. % change in knowledge-420%
Jajpur	Maintenance and repair of tractor	5	12	58					1. Area expanded (ha): 2. No. of farmers adopted (no.): 3 3. % change in knowledge-383%

Jajpur	Use of different mulching material	25	20	62					1. Area expanded (ha): 2. No. of farmers adopted (no.): 3. % change in knowledge-210%
Jajpur	Micro irrigation system and its importance	25	15	45					1. Area expanded (ha): 1 2. No. of farmers adopted (no.): 3 3. % change in knowledge-200%
Jajpur	Use and importance of seed cum fertilizer drill	25	18	52					1. Area expanded (ha): 20 2. No. of farmers adopted (no.): 7 3. % change in knowledge-198%
Jajpur	Operating skills of vertical conveyor reaper	5	20	63					1. Area expanded (ha): 10 2. No. of farmers adopted (no.): 5 3. % change in knowledge-215%
Jajpur	Use and importance of reaper	25	24	48					1. Area expanded (ha): 20 2. No. of farmers adopted (no.): 10 3. % change in knowledge-100%
Jajpur	Integrated nutrient management in Kharif paddy	25	4	15	4qt	9.5qt	8000	13500	1. Area expanded (ha): 23 2. No. of farmers adopted (no.): 210 3. % change in knowledge-18%
Jajpur	Chemical weed control in kharif paddy	25	2	10	65	105	45000	80000	1. Area expanded (ha): 25 2. No. of farmers adopted (no.): 200 3. % change in knowledge-20%
Jajpur	Technique of soil sample collection.	25	4	10	39.2	45.8	18400	28500	1. Area expanded (ha): 25 2. No. of farmers adopted (no.): 210 3. % change in knowledge-23%
Jajpur	Biofertilizer application in solanaceous crop.	25	3	9	40.1	45.5	18200	29251	1. Area expanded (ha): 5 2. No. of farmers adopted (no.): 50 3. % change in knowledge-25%
Jajpur	Composting of farm waste	10	2	10	13.5	15.6	23900	31400	1. Area expanded (ha): 35 2. No. of farmers adopted (no.): 55 3. % change in knowledge-25%

Jajpur	Vocational training on organic farming	10	4	10	16.2	20.5	30600	45500	1. Area expanded (ha): 43 2. No. of farmers adopted (no.): 80 3. % change in knowledge-23%
Jajpur	Soil and water management	10	5	10	262	305	73900	97750	1. Area expanded (ha): 13 2. No. of farmers adopted (no.): 30 3. % change in knowledge-20%
Jajpur	Production technique of marigold	25	50	70	88.2	108.8	52600	83760	1. Area expanded (ha): 5 2. No. of farmers adopted (no.): 45 3. % change in knowledge-40% Production- 23.3% & income- 59.2%
Jajpur	Production technique of onion	25	40	60	178.6	246.2	51,500	86210	1. Area expanded (ha): 8 2. No. of farmers adopted (no.): 40 3. % change in knowledge-50% Production- 37.8% & income- 67.3%

05. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Jajpur	Field Day	15	10	126	30	35	40	10	9	Diffusion of technology	Flower production, Groundnut cultivation, Onion, Poultry rearing, ICM in Green gram	Harvesting stage
Jajpur	Kisan Mela	2	1	385	75	15	25	55	45	Diffusion of technology	INM, IPM, IFS, HONEY BEE, FARM MECHANIZATION	HARVESTING
Jajpur	Kisan Ghosthi	12	9	45	25	70	40	-	-	Diffusion of technology	INM and ICM, IPM, Bio control	Different stage
Jajpur	Exhibition	5	7	410	170	265	50	45	10	Diffusion of technology	INM and ICM, IPM, Bio control	-
Jajpur	Film Show	90	72	1130	350	675	235	15	14	Diffusion of technology	Farm mechanization, poultry	Bio control, INM
Bio	Method Demonstrations	15	14	60	35	50	-	-	-	Diffusion of technology	INM, vegetable cultivation, farm mechanization	All stage
Jajpur	Farmers Seminar	3	2	56	28	55	4	6	5	Diffusion of	INM, ICM,	All

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials				
				M	F	M	F	M	F	Purpose	Topic s	Crop Stages
										technology	IPM	stage
Jajpur	Workshop	3	3	70	20	35	10	12	13	Diffusion of technology	INM, ICM, IPM	Harvesti ng stage
Jajpur	Group meetings	10	10	65	30	45	25	-	-	Diffusion of technology	INM, ICM, IPM	All stage
Jajpur	Lectures delivered as resource persons	14	23	120	65	70	35	15	12	Diffusion of technology	INM, ICM, IPM	All stage
Jajpur	Newspaper coverage	20	15	-	-	-	-	-	-	Diffusion of technology	Diffusion of technology	All stage
Jajpur	Radio talks	10	3	-	-	-	-	-	-	Diffusion of technology	Diffusion of technology	All stage
Jajpur	TV talks	40	30	-	-	-	-	-	-	Diffusion of technology	INM, ICM, IPM, farm mechanization	All stage
Jajpur	Popular articles	15	10	-	-	-	-	-	-	Diffusion of technology	INM, ICM, IPM, farm mechanization	All stage
Jajpur	Extension Literature	14	10	-	-	-	-	-	-	Diffusion of technology	INM, ICM, IPM, farm mechanization	All stage
Jajpur	Farm advisory Services	200	405	295	45	50	15	-	-	Diffusion of technology	INM, ICM, IPM, farm mechanization	All stage
Jajpur	Scientific visit to farmers field	360	415	245	25	130	15	-	-	Diffusion of technology	INM, ICM, IPM, farm mechanization	All stage
Jajpur	Farmers visit to KVK	1000	1265	762	126	304	73	-	-	Getting knowledge and solving problem	INM, ICM, IPM, farm mechanization	All stage
Jajpur	Diagnostic visits	145	178	142	-	36	-	-	-	Field service and problem identified	INM, ICM, IPM, farm mechanization	All stage
Jajpur	Exposure visits	3	4	14	12	16	13	-	-	Field service and problem identified	INM, ICM, IPM, farm mechanization	All stage
Jajpur	Ex-trainees Sammelan	2	1	15	-	5	-	3	2	Upgrading of knowledge	INM and ICM IPM, drudgery reduction	All stage
Jajpur	Soil health Camp	2	1	40	5	12	3	2	-	Awareness	Soil health	Initial stage
Jajpur	Animal Health Camp	1	2	28	16	27	29	4	0	And health care	Disease management	All age group stage

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials				
				M	F	M	F	M	F	Purpose	Topic s	Crop Stages
Jajpur	Agri mobile clinic	-	-	■	■	■	■	■	■	-		
Jajpur	Soil test campaigns	3										
Jajpur	Farm Science Club conveners meet	12	12	45	8	10	2	3	-	Awareness	Sharing of knowledge	
Jajpur	Self Help Group conveners meetings	6	2		35	-	10	-	5	Awareness	Sharing of knowledge	
Jajpur	Mahila Mandals conveners meetings	-	1	-	38	-	12	-	5	Awareness	Sharing of knowledge	
Jajpur	Celebration of important days (World environment day)	2	4	235	115	170	2	6	2	Awareness	Experience sharing technology	

8. Literature Developed/Published (with full title, author & reference)

8.11. KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Jajpur	April 2014 to June 2014	Quarterly	500	500
Jajpur	July 2014 to September 2014	Quarterly	500	500
Jajpur	October 2014 to December 2014	Quarterly	1000	1000
Jajpur	January 2015 to March 2015	Quarterly	500	500

8.12. Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Jajpur	Booklet	Jaibik krishi	B.K Rout Ray, S.Das	500
Jajpur	Booklet	Chinabadam chasa re unnata krishi jantrapati	B.L. Mohanta	500
Jajpur	Booklet	Baigyanika pranalire capsicum chasa	B. Mishra	500
Jajpur	Paper presented	Effect of direct seeding with drum seeder on	B.L. Mohanta	National

		growth and yield of paddy		Symposium on management options for Enhancing Farm Productivity and livelihood Security under Changing Climate (October 29-31, 2014, OUAT, BBSR)
Jajpur		Swarna Alaukik pointed gourd cultivation –a livelihood option for marginal farmers of coastal Odisha	B. Mishra	Management of sustainable livelihood systems Global Social Science Conference-2015
Jajpur	Research paper	Poultry rearing practices in Jajpur district	Dr. P.K Padhi, M. Bhola, T. Pattanaik	Published in Journal of Extension Education
		Effect of periparturient concentrate feeding in Black Bengal does in Jajpur	Dr. P.K Padhi, D. Patra, T. Pattanaik	Published in Journal of Research OUAT
		Involvement of Lodha tribal women of knowledge perception of development programme under Lodha micro project moroda	M. Bhola	Published in Journal of Extension Education
		Role & performance of tribal women in adoption of agricultural technology in	M. Bhola	Published in Journal of

		Mayurbhanj district		Extension Education
Jajpur				

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Jajpur	DVD	Farmers fair and farmers scientist interaction programme	1
Jajpur	DVD	Training-cum-Awareness programme on Protection of Plant Varieties and Farmer's Right Act-2001	1
Jajpur	DVD	Success story of diary farming	1

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Jajpur	Foundation	Paddy	Madakini	23.40 qtl.	53586	OSSC	1
Jajpur	Foundation	Paddy	Mrunalini	37.80 qtl.	86562	OSSC	2
Jajpur	Foundation	Paddy	Pratikshya	82.20 qtl.	188238	OSSC	2
			Total	143.40 qtl.	3,28,386		5 ha

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Jajpur	Seedling	Brinjal	Hybrid-132	3000	1500	3	
Jajpur	Seedling	Chilli	Surya mukhi	2000	1000	5	
Jajpur	Seedling	Marigold	African double range	2500	12500	5	
Jajpur	Seedling	Capsicum	Callifernia wonder	15000	7500	5	
Jajpur	Seedling	Onion	Bhima Super	50000	5000	5	

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Jajpur	Seedling						
Jajpur	Seedling		Total	72500	27500	23	1.93 ha

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) * Name of product should follow same pattern and spelled correct

KVK Name	Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Jajpur	Bio-fertilizer	Vermicompost	28 qtl		14000	7	

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre)	Value (Rs.)	No. of Beneficiaries
Jajpur	Poultry(chicken + duck)	Vanaraja, Black rock, Khaki Campbell, white pekin	Developed chick/ducks	8643 nos.	295790	490
Jajpur	Fish	IMC	Table fish	5 qtl.(expected)	50,000	
Jajpur	Mushroom	V. volvaceae, P. Sajor caju	mushroom	4 qtl.	27000	35
Jajpur	Mushroom spawn	V. volvaceae, P. Sajor caju	Mushroom spawn bottle	1000 bottle	10000	23

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Jajpur	Functional	June 2013	Soil sample	1003	1003	31	5015	1003

9.2 Details of water samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Water report distributed to the farmers (Nos)
Jajpur	NA	NA	NA	NA	NA	NA	NA	NA

05. Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RV/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/STParticipants		
					Male	Female	Total	Male	Female	Total
Jajpur	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

11. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)	Accommodation available (No. of beds)
Jajpur	March	2015	Integrated crop management of Rabi crops	1	40			25
Jajpur								

12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Jajpur	2010	2012	2	Nil	Old quarters are not habitable condition

05. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Jajpur	08.08.2014 (Kharif)	29	Popularization of farm mechanization in large scale in the district
Jajpur			Production of vermin-compost in huge quantity in KVK Farm
Jajpur			Soil analysis should be done critically and soil health camp should be organized involving Govt. Officials
Jajpur			Greengram var. TARM-1 should be popularized among farmers
Jajpur			Value addition of fruits, vegetables should done by SMS(Home Sc.) and SMS(Horticulture)
Jajpur			Commercial crop like pointed gourd area is to be extend
Jajpur	10.12.2014(Rabi)	31	Bi-monthly meeting is to be organized at KVK with all the Line Department Officials
Jajpur			Area under marigold var. Seracole cultivation is to be increased
Jajpur			Area under onion and potato cultivation is to be increased
Jajpur			Groundnut seed production programme in kharif season to be taken jointly by KVK and line Department with new variety
Jajpur			Loss in paddy due to major pest should be recorded for forecasting the pest incidence
Jajpur			Application of micro nutrient in oil seeds, pulse & vegetables to be tested for the benefit of the farmers
Jajpur			Groundnut seed storage in super pro gunny bag is to be conducted
Jajpur			Status report of mechanization of groundnut cultivation is to be prepared and application of different farm implements in groundnut is to be popularized

05. Status of Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency(NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Jajpur	212	1220	110	Farmer portal	Pest and Disease management, Nutrient management, Production management, Awareness , animal sc. Mushroom cultivation, vegetable, oilseed crops

05. Status of Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Jajpur	ATMA	State	10000	Celebration of District level Akshya Trutyia	KVK Campus	Collector-cum District Magistrate , Officers of Line dept. NGOs and farmers participated
Jajpur	ATMA	State	10000	Exhibition for Regional Krishi Mohastav	Balesore	
Jajpur	ATMA	State	50000	Farmers fair cum Farmers Scientist interaction programme	Dihakuranasa, Block- Rasulpur	
Jajpur	NFSM	State	6000	Cost structure of demonstration Monitoring and training to the farmers , field visit and field day attend	Jajpur district (Block- Badachana,Dharmasala, Rasulpur , jajpur and Danagadi Sukinda) 1700ha	Enhancement of productivity in pulse crop through crop management practices
Jajpur	Directorat of CID – PIM	State	-	Panipanchyat fort night	Jajpur district (Block- Badachana,Dharmasala, Rasulpur , jajpur and Danagadi Sukinda)	Awariness programme on water management, loss of water

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Jajpur	32039806804	1,33,625/-	3,67,510/-	3,67,510/-

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Jajpur	Mr. Ajaya Ku. Nayak	Individual	OUAT	Certificate
Jajpur	Mr. Amar Swain	Individual	KVK	Certificate
Jajpur	Mr. Prasanta Ku. Sarangi	Individual	KVK	Certificate
Jajpur	Mr. Kartik Behera	Individual	KVK	Certificate
Jajpur	Mr. Anirudha Rout	Individual	KVK	Certificate
Jajpur	Mr. Rasmi Ranjan Parida	Individual	KVK	Certificate
Jajpur	Mr. Paramananda Sahoo	Individual	KVK	Certificate
Jajpur	Mr. Ratikanta Sahani	Individual	KVK	Certificate
Jajpur	Mr. Biswanath Mundai	Individual	KVK	Certificate
Jajpur	Mr. Debendra Ghadai	Individual	KVK	Certificate
Jajpur	Mr. Bangara Banara	Individual	KVK	Certificate
Jajpur	Mr. Pramila Jena	Individual	KVK	Certificate

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent?

S .No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent?(ZPD/DES/any other,pl. sp.)
1	Jajpur	Yes	ZPD,Tweleth plan

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Jajpur	Crop Cafeteria	Established
	Technology Desk	NA
	Visitors Gallery	NA
	Technology Exhibition	NA
	Technology Gate-Valve	NA

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Demonstration on different latest high value ,hybrid different variety and different crops through out the year	01

19. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Jajpur	Kishorekanta Rout	Direct seeded paddy by using drum seeder	Achyutpur,Dharmasala9437411977
2	Jajpur	Bata Pradhan		Rambhadeipur,Barchana9938206842
3	Jajpur	Basant ku. Naik	Stem borer control in brinjal by applying the extract of neembark and cowdung (2:3).	Dulakpatna,Korei,8895124232
4	Jajpur	Deberndra Rout	Control of leaf blight in vegetable by applying mixture of fresh cowurine and cowdung(1;1)	Hatkaranda,barachana,9658081383
5	Jajpur	Pramila Jena	Production of paddy straw mushroom in winter season by double covering gunnybags.	Barapada,Barchana9439954013
6	Jajpur	Gitanjali Behera	Indigenous method for paneer preparation	Khairabad,Rasulpur
7	Jajpur	Mahendra Sahu	Planted parwal in forrow system and one way trailing.	Thengana,Bari,9439101170
8	Jajpur	Pradynna Patra	Control of Gandhibugs in rice field by installing KARDA branches	Badasila,Barchana,9658322638
9	Jajpur	Sabita Nanda	Storage of pumpkin by applying freshcowdung.and mud	Chhatia,Barchana
10	Jajpur	Ganeswar Sahu	Organic fertilizer preparation in ITK method	Hatkaranda,Barchana,9658758551

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1.	Akshya Trutiya Celebration (02.05.2014)	100
2	Workshop on different scheme of Govt. (30.05.2014)	50
3	Farmers Scientist interaction programme on climate change (23.07.2014)	50
4	Celebration of University Foundation day at Rangeiluna, Fishery college, Berhampur (24.08.2014)	200
5	Interface of Farmers & Scientist at CRRI , Cuttack (21.10.14 to 22.10.14)	200

6	Regional Farmer's fair at Balasore (28.10.14 to 29.10.14)	700
7	Farmers fair and farmers Scientists interaction programme (KVK + ATMA) (11.12.2014)	500
8	Pani panchyat Pakhya Palana at Rudhia (07.01.15)	50
9	Training cum Awareness programme on protection of plant varieties and farmer's right Act-2001 (13.01.15)	100
10	Interface with input dealers, line department & progressive farmers (19.02.15)	25
11	Agri-prenure interface (20.02.15)	25

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Jajpur	5	10	18	39

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, and Awareness programmes etc.

22. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt
	NA	NA	NA	NA

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	KVK Santhapur(CRRI)	Exchange of idea, manpower	Experiences gained.
2	KVK, Kendrapara	Exchange of idea ,manpower	Experiences gained.

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Jajpur	Sj. Anil Kumar Samal, IAS, Collector- cum District Magistrate	01.05.14			Others	Participated in Akshya Trutiya
Jajpur	Sj. Amar Prasad Satpathy, Hon'ble Member of Legislative Assembly, Odisha	30.05.14			Others	Workshop on different scheme of Govt.

Jajpur	Prof. S.S. Nanda DEE,OUAT BBSR	08.08.14		SAU		Attended SAC meeting
Jajpur	Prof. S.S. Nanda DEE,OUAT BBSR	26.08.14		SAU	-	Official visit
Jajpur	Prof.Monoranjan Kar Hon'ble Vice chancellor OUAT	10.12.14		SAU	-	Attended SAC meeting
Jajpur	Prof. S.S. Nanda DEE,OUAT BBSR	10.12.14		SAU	-	Attended SAC meeting
Jajpur	Prof. S.S. Nanda DEE,OUAT BBSR	11.12.14		SAU	-	Farmers fair
Jajpur	Prof. S.S. Nanda DEE,OUAT BBSR	04.02.15		SAU	-	Official visit
Jajpur	Dr. T.R Athare	05.02.15	ICAR	-	-	Review activities of KVK
Jajpur	Dr.Subash Chandra Sahoo, Deputy Director of Extension Education, OUAT, Bhubaneswar	13.1.2015		SAU		
Jajpur	Dr. Satya Ranjan Das, Honorary Professor Dept. of Plant Breeding Genetics, College of Agriculture, OUAT, Bhubaneswar	13.1.2015		SAU		
Jajpur	Dr. Bhabendra Baisakh, Professor and Head, Dept. of Plant Breeding Genetics, College of Agriculture, OUAT	13.1.2015		SAU		
Jajpur	Dr. Banshidhar Pradhan, Professor, Dept. of Plant Breeding Genetics, College of Agriculture, OUAT	13.1.2015		SAU		
Jajpur	Mr. Bibhuti Bhusan Mohanty,AAO,State Seed testing Lab, Bhubaneswar	13.1.2015			Others	

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Jajpur	2010	10	120

26. E-CONNECTIVITY

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No. of lectors organized by KVK	Brief achievements	Remarks
	Date	No. of Staff attended	No. of call received from Hub	No. of Call mate to Hub by KVK			
Jajpur	NA	NA	NA	NA	NA	NA	NA

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
	Jajpur	NA	NA	NA

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1	Jajpur	1346	1346	

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Jajpur	Dr.(Mrs.) T. Pattnaik	Programme Coordinator	Action plan workshop at CIFA from 25.04.14 to 26.04.14	Attended
Jajpur	Dr.(Mrs.) T. Pattnaik	Programme Coordinator	XXI, Zonal Workshop at Raipur from 05.09.14 to 7.09.2014	Attended
Jajpur	Dr.(Mrs.) T. Pattnaik	Programme Coordinator	Workshop on capacity building programme for ITP GRFA in India by PPV & FRA at DRI, Chitrakoot from 17-19, Nov, 2014	Attended
Jajpur	Mr. B.K Routray	SMS(Plant Protection)	Review meeting cum Workshop on training on PPV & FRA at IGKV, Raipur on 13.03.15	Attended
Jajpur	Mrs. B. Mohanta	SMS(Agril. Engineering)	Workshop on Farm Mechanization from 05.05.14 to 6.05.14 at Jabalpur, MP	Attended
Jajpur	Dr. P.K Padhi	SMS (Vety. Science)	Review cum Action plan Workshop on Animal production from 8.5.14 to 9.5.14 at Jabalpur, MP	Attended
Jajpur	Mr. S. Dash	SMS(Soil Science)	Review cum Action plan Workshop on soil health and fertility	Attended

			management from 7.5.14 to 9.05.14 at IISS, Bhopal	
Jajpur	Mrs. P. Mishra	Prog. Asst. (Computer)	Training on Website of KVK at Indira Gandhi Krishi Vigyan Kendra, Raipur from 11.06.2014 to 12.06.2014	Attended
	Total	8	8	8

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Jajpur	8	8

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Jajpur	Dr.(Mrs.) T. Pattnaik	Programme Coordinator	Finalization common OFT from 27.05.14 to 28.05.14 jointly organized by ZPD & DEE	Attended
Jajpur	Mr. B. Routray	SMS (Plant Protection)	Finalization common OFT from 27.05.14 to 28.05.14 jointly organized by ZPD & DEE	Attended
Jajpur	Mr. S. Dash	SMS(Soil Sc.)	“Emerging trend in agricultural production system and creative thinking for better transfer of technology from 12 th to 14 th , Nov, 2014 at DEE, OUAT, BBSR	Attended
Jajpur	Mrs. M. Bhola	SMS (Home Sc.)	“Recent advance in Home Sc. & Fishery discipline for Rural Development” from 06.02.2015 to 8.02.2015, DEE, OUAT, BBSR	Attended
Jajpur	Dr. P.K Padhi	PA (Vety. Sc.)	Recent advance in Home Sc. & Fishery discipline for Rural Development” from 06.02.2015 to 8.02.2015, DEE, OUAT, BBSR	Attended
Jajpur	Mrs. B. Mishra	SMS(Horticulture)	24.03.15 to 26.03.15 at DEE, OUAT, BBSR	Attended
Jajpur	Mrs. B. Mohanta	SMS(Agril. Engineering)	24.03.15 to 26.03.15 at DEE, OUAT, BBSR	Attended
Jajpur	Mr. B.K Routray	SMS(Plant Protection)	24.03.15 to 26.03.15 at	Attended

			DEE, OUAT, BBSR	
Jajpur	Mr. B.P Swain	Farm Manager	24.03.15 to 26.03.15 at DEE, OUAT, BBSR	Attended
Jajpur	Mrs. S. Panda	PA (Computer)	20.03.2015 at DEE, OUAT, BBSR	Attended
Jajpur	Mr. T. Barik	Steno cum Computer Operator	20.03.2015 at DEE, OUAT, BBSR	Attended

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Jajpur	8	8

31. Attended HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks
Jajpur	Mr. B.K Routray	SMS(Plant Protection)	Organic farming from 15.12.2014 to 19.12.2014 at RC of Campus, Niladrivihar, BBSR	Attended

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Jajpur	1	1

32. Agri alert report (Epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)

Name of KVK	Alert observed	Particulars	Reported to organization
Jajpur		HUDHUD(12.10.2014)	SAU & District Agriculture Department

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Jajpur	Field visit on 19.02.2014	1	25	Crops
Jajpur	Organic farming on 20.12.14	1	25	Crops
Jajpur	Demonstration on use of Axial-flow thresher on 22.12.2014	1	25	Crops
Jajpur	Soil health camp on 23.12.14	1	25	Crops
Jajpur	Vaccination to poultry birds against Ranikheta disease	1	50	Livestock

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
Jajpur	NA	NA	NA

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries
Jajpur	NA	NA	NA

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No. of participants
NA	NA	NA	NA

Animal health camps organized

Name of KVK	Number of camps	No. of animals	No. of farmers
Jajpur			

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Jajpur	NA	NA	NA	NA

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				
Jajpur	NA	NA	NA	NA

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers
Jajpur	NA	NA	NA	NA

Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers
Jajpur	NA	NA	NA	NA

Verns Produced

Name of KVK	Verns Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Jajpur	NA	NA	NA	NA

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Jajpur	NA	NA	NA

Awareness campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
Jajpur	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

35. Proposal of NICRA

1. Technologies to be Demonstrated

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
NA	NA	NA	NA	NA	NA

37. Proposed Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
NA	NA	NA	NA	NA

37. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
NA	NA	NA	NA	NA

37. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status
NA	NA	NA

37. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status
NA	NA	NA

6. Public Representative/District Administration Visited in NICRA Village

Name of Representative/Officer	Designation	Date of Visit	Any Special Remark by Visitors
NA	NA	NA	NA

7. Feedback of Farmers for future improvement, if any.NA

36. Proposed works under NAIP (in NAIP monitoring format)-NA

37. Case study / Success Story to be developed – Two best only in the following format

Name of the KVK, **TITLE**, **Introduction**, KVK intervention, Output, Outcome, Impact

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1			

SUCCESS STORY ON FARM MECHANISATION

1. Name of the Enterprise / Crop	Farm mechanization (Combine harvester)
2. Name of the Farmer	Sri. Priyabrata Biswal
3. Address-	Vill- Solapata, PO:- Paripada, Block- Dasarathpur Dist- Jajpur, Odisha, PH No- 8018217827
4. Initial status / Practice of farmer before KVK intervention-	He was a resourceful farmer having combine harvester and under developed pond based farming system. But he could not able to get proper income from that due to lack of knowledge and skill on care, method of operation and maintenance of combine harvester and so also from his farming system. He was also not getting adequate benefit because of poor linkage with other farmers and private agencies, NGOs for smooth operation of the machine.
5. KVK Intervention	Skill oriented training, field demonstration, linkage with farmers and different stake holders, proper follow ups and supply of extension literature
6. Innovative extension approach & methodology adopted for implementation of KVK intervention	Capacity building programme and linkage with market led extension for income generation
7. Adoption of improved practice by the farmers after KVK intervention	Initially he operated combine harvester for 30hrs in Jajpur district and 145 hrs in outside district in both the season. After getting training and demonstration now he is able to operate the machine for 250hrs in Jajpur district and 300hrs in outside of the district due to coming in contact with more farmers and private stake holders.

8. Physical / Financial development over previous practice

Sl No	Type of enterprise	Area/ Nos	Expenditure(Rs)/ Annum	Income / Annum	Net Profit(Rs) / Annum
1	Combine harvester	1 no.	(i)operator cost- 45,000/month for four month= 180,000 (ii) Fuel- 7lit/hr @ Rs. 52/lit for 550 hrs=Rs.200200 (iii)Annual maintenance – 80,000 (iii)Total expenditure-4, 60,200	Rs. 1800/hr for 550 hrs.= Rs. 990000	Rs. 584800/-
2	Tractor	1 no.	Rs. 35,000	Rs. 90000	Rs.55000

3	Rice	20 acre	Rs,. 84,000	Rs. 3,00,000	Rs. 2,16,000
4	Vegetable	3 acre	45,000	Rs. 90,000	Rs. 45,000
5	Ponds	4 nos., 3 acre	Rs. 50,000	Rs. 85,000	Rs. 35,000
	Total		Rs.6,74,200	Rs.15,55,000	Rs.8,80,800

7. Action Photographs

		
Harvesting paddy	Harvesting wheat	learning combine harvesting operation during skill oriented training

10. Farmer's Reaction & Feedback: In Jajpur district initially the farmers were not interested to use combine harvester, but now there is demand for using combine harvester. After seeing the interest of farmers he purchased another harvester this year.

11. Extent of Diffusion :: Nearly about 180 no. of farmers of the district have adopted the technology. Farmers of Badachana, Dasrathpur, Jajpur, Dharmasala, Rasulpur block have allowed their eagerness and keen interest for this combine harvester after witness the success of Sri Biswal.

12. Follow up action: Diagnostic field visit by Scientist and linkage with other farmers in and outside district.

13. Impact on other farmers: Now he has become a successful entrepreneur and become a role module for other farmers in the district and they are interested to purchase it as it save time, labour and cost of harvesting. The young farmers got felicitated at OUAT Foundation day on 24th, August, 2013 for his success.

SUCCESSFUL STORY ON ORGANIC SUGARCANE CULTIVATION

1 Name of the Enterprise / Crop	Sugarcane
2. Name of the Farmer	Debendra Das S/O- Bauri Das Vill- Niladeipur, Block:- Dharmasala Dist- Jajpur
3. Address-	Debendra Das S/O- Bauri Das Vill- Niladeipur, Block:- Dharmasala Dist- Jajpur
4. Initial status / Practice of farmer before KVK intervention-	Practice traditional method of sugarcane cultivation
5. KVK Intervention	Training, exposure visit, demonstration, linkage with sugarcane industry, utilizing waste by vermin composting
6. Innovative extension approach & methodology adopted for implementation of KVK intervention	Capacity building programme like Farmers & farm women training on organic sugarcane cultivation, market linkage by KVK training on organic cultivation
7. Adoption of improved practice by the farmers after KVK intervention	Use of quality plantings, improved variety, nursery raised by bud chipper method, use of bio-agents, pest control application of vermicompost

8. Physical / Financial development over previous practice

Sl No	Type of enterprise	Area/ Nos	Expenditure(Rs)/ Annum	Income (Rs)/ Annum	Net Profit(Rs) / Annum
1	Sugarcane cultivation	3.0 ha	269850	762300	4,92,450
2	Paddy cultivation	1.0 ha	30500	60,000	29500
	Total		300350	822300	521950

9. Action Photograph



10. **Farmer's Reaction & Feedback:** In district Jajpur the sugarcane area was very less but in due course after introduction of organic sugarcane and the buy back by the sugar industry farmers are interested to grow the sugarcane in commercial basis.

11. **Extent of Diffusion :** After getting a good income Mr. D. Das was motivated the other farmers to grow sugarcane and the farmers are show their interest to grow sugarcane

12. **Follow up action:**Field visit and technical feed back by the KVK scientist linking with sugar industry to purchase the produce

Impact on other youths:..

Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem) –

1	Assessment of paddy var. Nua Acharamati	Low yield due to cultivation of local variety Sitabhog	
2	Assessment of paddy var. Heera	Low yield due to cultivation of old variety(Khandagiri) and less content of protein , iron & zinc	

3	Assessment of onion var. Bhima Super	Low yield due to cultivation of local multiplier onion	 A photograph showing an on-farm testing site for onion variety Bhima Super. A large pile of harvested onions is on the ground. Two men are present; one is holding a sign that reads 'ON FARM TESTING ON ASSESSMENT OF ONION VARIETY BHIMA SUPER'. The background shows a rural setting with a thatched-roof house.
4	Assessment of tomato variety swarna sampad	Low market price of var. Utkal Kumari due to thin skin & low keeping quality	 A photograph showing an on-farm testing site for tomato variety Swarna Sampad. A sign in the foreground reads 'ON FARM TESTING ON ASSESSMENT OF TOMATO VARIETY SWARNA SAMPAD'. A person is visible in the background working in the tomato field. The field is filled with green tomato plants.

5	Assessment of five row bullock drawn seed cum fertilizer drill for sowing of paddy	Broadcasting of paddy leads to uneven plant population and difficulty in intercultural operation	
6	Assessment of bullock drawn seed cum fertilizer for sowing of groundnut	Dropping groundnut seeds behind the plough is tedious and time consuming job	
7	Assessment of drip irrigation in cabbage	In flood irrigation wastage of water is more	

8	Assessment of Resource conservation technology in mustard in rice mustard cropping system of North Eastern coastal plain zone	High cost of ploughing, loss of residual soil moisture broadcasting leads to uneven plant population	
9	Assessment of feeding supplementation on growth of poultry bird in semi intensive system	Slow growth of bird leading to low meat production	

10	Assessment of grain pro super bag for safe storage of paddy	Heavy infestation of storage pest in paddy	
11	Assessment of marigold variety African double orange	Low profit from cultivation of local marigold (kelikusuma)	