

ANNUAL PROGRESS REPORT

April 2016 to March 2017

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. Grey 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 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 2016 to March 2017

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2016-17

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	19		160
	On Going OFT	4		27
	Technologies assessed (Completed OFT)	15		133
	Technologies refined			
	On farm trials conducted	19		135
2	Frontline demonstrations			
	Proposed Frontline demonstrations	19		130
	On Going Frontline demonstrations	1		5
	FLDs conducted on crops	8		20
	Area under crops (ha.)	4.85		40
	FLD on farm implement and tools	3		15
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	2		20
	FLD on Fisheries - Finger lings	1		15
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	1		10
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	2		20
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	19	21	475
	Farm women	5	6	125
	Rural youth	5	18	50
	Extension personnel/ In service	5	5	75
	Vocational trainings	-	-	-
	Sponsored Training	-	-	-
	Total	34	50	725
		No. of programmes	Participants	
4	Extension Programmes	2101		
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	210 qtl. unprocessed	-	
	Planting material produced (nos.)	64000 nos.	46	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	4 qtl.		
	Milk Yield - Cow, Buffelo etc. (in liter)			
	Fish (Kg.)			
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			

	Ducks (nos.)	58	10
	Chicks etc. (nos.)	2075 nos.	56
7	Bio Products	Qty	Beneficiaries (nos.)
	Bio Agents -Earth worm (Kg.)	-	-
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	-	-
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)	1	1
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	8	1600
	KVK News letter	4	2000
	SAC Meetings conducted	1	23
	Soil sample tested	848	
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)		
	KVK-KMA (Message and beneficiaries)	48	23000
	Convergence programmes	-	-
	Sponsored programmes	-	-
	KVK Progressive Farmers interaction	19	360
	No. of Technology Week Celebrations	5	64
	Attended HRD activities organized by ZPD	15	15
	Attended HRD activities organized by DES	6	6
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	1	1
9	Current status of Revolving Funds (Amt. in Rs.)		
10		No. of blocks	No. of villages
	Outreach of KVK in the District	10	57
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	22
13		Application received	Application disposed
14		Query received	Query dissolved
	Citizen Charter (nos.)	-	-
15		Working (Yes/No)	No. of programme viewed
	E-connectivity	No	-
16		Filled	Vacant
	Staff Position	14	2
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	8	
18	Publication received from ICAR /other organization (nos.)		
19		Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)		

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2017

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	04	03	03	06	06	16	14

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	37,400-67,000	55580	20.06.2012	Permanent	Others
Jajpur	Subject Matter Specialist1	Mrs. Babita Mishra	Horticulture	M.Sc .Ag	Horticulture	15,600-39,100	23070	13.08.2014	Contractual	Others
Jajpur	Subject Matter Specialist2	Mrs. Dharitri Patra	Women Agril.	M.Sc .Ag	Women Agriculture	15,600-39,100	23950	27.06.2007 to 15.04.2014 16.01.2016	Contractual	Others
Jajpur	Subject Matter Specialist3	Vacant	-	-		-	-	-	--	-
Jajpur	Subject Matter Specialist4	Mrs Bijayalaxmi Mohanta	Ag.Engg	Ph.D	Food Engg.	15,600-39,100	20590	12.04.2012	Contractual	Others
Jajpur	Subject Matter Specialist5	Mr. Subhasis Dash	Soil Science	M.Sc. Ag	Soil Sc.	15,600-39,100	20590	11.06.2013	Contractual	Others
Jajpur	Subject Matter Specialist6	Vacant	-	-		-	-	-	-	-
Jajpur	Programme Assistant	Dr. A.K. Das	Vety.Sc	MVSc		9,300-34,800	9710	23.12.2015	Contractual	Others
Jajpur	Farm Manager	Mr. Bipra Charan Swain	Agronomy	M.Sc. Ag	Agronomy	9,300-34,800	11470	27.07.2013	Contractual	Others
Jajpur	Computer Programmer	Mrs. Sangita Panda	Computer	B.Sc. PGDCA	Computer	9,300-34,800	13450	02.09.2014	Contractual	Others
Jajpur	Accountant /	Mr. Prahalad	Accountant	B.A		9,300-	13980	07.03.2016	Permanent	Others

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joiing	Per./Temp.	Category
	superintendent	Chayani				34,800				
Jajpur	Stenographer	Mr. Trupti Ranjan Barik	Steno	B.Sc	Computer	5,200-20,200	7860	29.06.2012	Contractual	Others
Jajpur	Driver	Mr. Pravat Ku. Nayak	-	10 th		5,200-20,200	7400	5.11.2015	Contractual	Others
Jajpur	Driver	Mamtaz Alli Khan	-	10 th		5,200-20,200	6860	08.07.2013	Contractual	Others
Jajpur	Supporting staff	Mr. Lachhman Swain	-	-		4,440-14,680	6230	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	Dihakuransa	2012	Rasulpur	35	473	90
Jajpur	Dhanjayapur	2013	Danagadi	55	413	123
Jajpur	Sankharidiha	2014	Dharmasala	25	325	45
Jajpur	Khadipada	2015	Jajpur	130	800	140
Jajpur	Kankadapala	2016	Sukinda	70	1200	200
Jajpur	Choromuha	2016	Dharmasala	30		

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.
Jajpur	Fresh water aquaculture

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	Choromuha, Dharmasala, Dihakuransa, Rasulpur, Sankharidiha, Dharmasala
Jajpur	Distress sale of seasonal vegetables	PRA survey & group discussion	Dihakuransa, Rasulpur, Sankharidiha, Dharmasala, Khadipada, Jajpur
Jajpur	Less production from traditional field & vegetable crops	PRA survey & group discussion	Sankharidiha, Dharmasala,
Jajpur	Traditional farming gives low farm income	PRA survey & group discussion	Sankharidiha, Dharmasala
Jajpur	Unavailability of quality seed and planting materials	PRA survey & group discussion	Dihakuransa, Rasulpur, Sankharidiha, Dharmasala, Khadipada, Jajpur
Jajpur	Lack of proper crop management practice in field, vegetable and pulses and other cash crops	PRA survey & group discussion	Choromuha, Dharmasala, Dihakuransa, Rasulpur, Sankharidiha, Dharmasala, Khadipada, Jajpur
Jajpur	Loss of food grain due to lack of post harvest management	PRA survey & group discussion	Khadipada, Jajpur, Choromuha, Dharmasala,

Jajpur	Lack of knowledge on integrated pest and disease management	PRA survey & group discussion	Dihakuransa ,Rasulpur, Sankharidiha, Dharmasala, Khadipada, Jajpur
Jajpur	Ignorance of latest farm technology increase the drudgery of farm women	PRA survey & group discussion	Dihakuransa ,Rasulpur Korei, Sankharidiha, Dharmasala
Jajpur	Unemployment problem of rural youth	PRA survey & group discussion	Dihakuransa ,Rasulpur Danagadi, Sankharidiha, Dharmasala
Jajpur	Food and nutritional insecurity of farm families	PRA survey & group discussion	Dihakuransa ,Rasulpur, Sankharidiha, Dharmasala, Khadipada, Jajpur
Jajpur	Limited farm mechanization	PRA survey & group discussion	Dihakuransa ,Rasulpur, Sankharidiha, Dharmasala, Khadipada, Jajpur
Jajpur	Lack of knowledge on soil and water conservation	PRA survey & group discussion	Dihakuransa ,Rasulpur Choromuha, Dharmasala, Dhanjayapur, Dangadi

2. On Farm Testing (OFT)

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
- Kindly mention realistic estimated yield of your crop under trail.

2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment / Refinement)	Thematic Area	Crop/ enterprise	Farming Situations	No. of trials	Results (q/ha)			Net Returns (Rs./ha)			Recommendations
										FP (T ₁)	RP (T ₂)	T3	FP (T ₁)	RP (T ₂)	T3	
Jajpur	2016	Kharif	Low yield and poor soil fertility status.	Assessment of brown manuring in paddy	Assessment	INM	paddy	Rainfed medium land	13	29.8	35.2	-	12740	18560	-	The weed population was minimum, Nitrogenous fertilizer were reduced upto 25% & organic carbon build up upto 15.5%
Jajpur	2016	Kharif	Low profit from mono cropping	Assessment of okra based inter cropping system	Assessment	Intercropping	Okra-cowpea	Irrigated medium land	5	87.4	89.1	104.3 (Okra equivalent yield)	50400	51630	63300	Okra cow pea intercropping system was proved to be economical to the farmers
Jajpur	2016	Kharif	Low yield due to defective	Assessment of different planting	Assessment	Vegetable cultivation	Banana	Irrigated medium land	5	continuing	-	-	-	-	-	-

			planting system	method in Tissue Culture banana												
Jajpur	2016-17	Kharif	Unavailability of labour and high wages of labour for digging groundnut	Assessment of performance of bullock drawn groundnut digger	Assessment	Farm mechanization	bullock drawn groundnut digger	Rainfed medium land	5	17.14	17.14	-	33380	35880	-	Not suitable for heavy weed problem
Jajpur	1016-17	Rabi	Low yield and poor grain filling due to imbalanced nutrition	Assessment of Boron+ Sulphur application in groundnut	Assessment	INM	Groundnut	Irrigated medium land	13	17.2	21.8		34000	51575		Combined application of B & S enhance the maximum result yield of 24.85%over farmer practices.
Jajpur	1016-17	Rabi	Low yield due to heavy weed infestation	Assessment of Herbicide Imizathapyr as post emergence application in Groundnut	Assessment	IWM	groundnut	Irrigated medium land	13	16.5	20.7	-	31200	46860	-	The weed(celosia ,Bathua) population was minimum, WCE was 84.5%,application of weedicide enhance the crop yield up to 25.30%over farmer practice.
Jajpur	2016-17	Rabi	Small size tuber , low yield, low profit from	Assessment of Potato varieties	Assessment	Varietal evaluation	Potato	Irrigated medium land	5	163.8	208.5	238.2	47200	61450	76300	Variety Kufri Surya was recommended for the

			local cultivar													horizontal spread due to its high yield and good cooking quality
Jajpur	2016-17	Rabi	Low yield and low keeping quality of Utkal kumari	Assessment of Tomato varieties	Assessment	Varietal evaluation	Tomato	Irrigated medium land	5	223.4	287.2	311.8	50160	70280	80120	Swarna Vijaya was accepted by the famers due to high yield and long shelf life.
Jajpur	2016-17	Rabi	Wastage of water is more in surface flow irrigation	Assessment of drip irrigation with plastic mulching for management of water in cabbage	Assessment	Resource conservation	Cabbage	Irrigated medium land	3	285.6	332.5	351.8	98350	120357	123990	Accepted by farmers but initial cost is very high
Jajpur	2016-17	Rabi	Dropping groundnut seeds behind the plough is a tedious and time consuming job	Assessment of performance of tractor drawn seed cum fertilizer drill in groundnut	Assessment	Farm Mechanization	tractor drawn seed cum fertilizer drill	Irrigated medium land	13	19.4	21.8	-	42389	53239	-	Accepted by farmers as the cost of sowing is reduced
Jajpur	2016-17	Rabi	Suboptimal utilization of scavenged feed leading to slow growth	Assessment of Multienzyme mixture on growth of scavenging chicken	Assessment	LPM	Poultry	Home stead	7 (210 nos. bird)	Avg. growth rate- 450gm/2 months	Avg. growth rate- 1300gm/2 months	188.88	2420	5580	-	
Jajpur	2016-17	Rabi	Less milk production from exotic breed crosses	Assessment of probiotic supplementation with azolla to increase	Assessment	LPM	Azolla		7	continuing						

				milk production												
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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 2016	Poor nutrient management in Hybrid rice	Assessment	INM	Rice	Rainfed medium land	Assessment of Nutrient Management in Hybrid Rice	13	51.3	55.7	56.9	58.3	59.6	37390	42110	42370	44990	45380	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, 2016-17	High cost of ploughing, loss of residual soil moisture, broadcasting leads to uneven plant population	Assessment	Resource conservation	Mustard	Irrigated medium land	Assessment of resource conservation technology in mustard in rice-mustard cropping system of North Eastern Coastal Plain zone	5	6.1	6.6	6.3			7730	8230	8530	-	-	Cost of cultivation is reduced by using zero till drill but the machine is not available in the district , line dept. should promote it.
Jajpur	Rabi, 2016-17	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	-	-	-	-	-	-	-	-	-	-	-

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)				
		Na me and unit of Par ame ter	FP (T ₁)	RP (T ₂)	T3	T4	T5	FP (T ₁)	RP (T ₂)	(T ₃)	T4	T5	FP (T ₁)	RP (T ₂)	(T ₃)	T4	T5	FP (T ₁)	RP(T ₂)	(T ₃)	T4	T5	FP (T ₁)	RP (T ₂)	(T ₃)	T4	T5
Jajpur	Assessme nt of Nutrient Managem ent in Hybrid Rice	EBT/sqm	241	255	260	284	302	29300	30300	31600	30800	32100	66690	72410	73970	75790	77480	37390	42110	42370	44990	45380	2.27	2.38	2.34	2.46	2.41
		Test wt. gm	21.52	22.03	22.36	23.11	23.42																				
Jajpur	Assessm ent of resource conserva tion technolo gy in mustard in rice-mustard cropping system of North Eastern Coastal Plain zone	Yield q/ha	6.1	6.3				16670	18170	14670			24400	26400	25200			7730	8230	8530			1.46	1.45	1.72		
		Avg. field capacity(h a/hr).	0.57	0.4																							
Jajpur	Assess ment of integrat ed farming system model for margina l farmer	continui ng																									

Result of IFS

Sl.No	FSR component	Area (ha) & No.	Production (qt/lt)	Mandays used(No)			Cost of Pro n. (Rs.)	Gross income (Rs.)	Net return(Rs.)	B:C Ratio
				Male	Female	total				
1	Field crop (ha)	0.60	170	-	85	165	55980	115890	59910	2.07
2	Mushroom	20 beds/months	11kg/unit	20	30	50	500	1320	820	2.64
3	Poultry	20nos	2000gm/bird	1	-	1	1520	6000	4480	3.94
4	Papaya	0.04 ha	15kg/plant	5	-	5	4000	8100	4100	2.02

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	FP (T ₁)	RP (T ₂)	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 brown manuring in paddy	Yield q/ha	38.8	45.2	27000	29300		50440	58760		23440	29460	-	1.86	2.0	
Jajpur	Assessment of okra based inter cropping system	Individual fruit wt. no. of fruits/plant	10.3 gm 14.1	11.5 gm 15.2	37000	37500	41000	87400	89130	104300	50400	51630	63300	2.36	2.38	2.54
Jajpur	Assessment of different planting method in Tissue Culture banana	continuing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jajpur	Assessment of performance of bullock drawn groundnut digger	Yield q/ha Avg. field capacity(ha/hr.)	17.4 0.008	17.4 0.027	35180	32680	-	68560	68560	-	33380	35880	-	1.94	2.09	-
Jajpur	Assessment of Boron+ Sulphur application in groundnut	Yield q/ha	17.2	21.8	34800	35625	-	68800	87200	-	34000	51557	-	1.97	2.44	-
Jajpur	Assessment of Herbicide Imizathapyr as post emergence application in Groundnut	Yield q/ha	16.5	20.7	34800	35940	-	66000	82800	-	31200	46860	-	1.89	2.30	-

Jajpur	Assessment of potato varieties	No. of tuber/plant	3.5 nos.	4.4 nos.	34700	42800	42800	81900	104250	119100	47200	61450	76300	2.3	2.43	2.78
		Individual tuber wt	87.2 gm	137.0 gm												
		Yield	163.8 q/ha	238.2 q/ha												
Jajpur	Assessment of tomato varieties	Individual fruit Wt.	48.8 gm	65.2gm	39200	44600	44600	89360	114880	124720	50160	70280	80120	2.28	2.57	2.79
		No. of fruits/plant	16.9 nos.	21.6 nos.												
Jajpur	Assessment of drip irrigation with plastic mulching for management of water in cabbage	Yield (q/ha)	285.6	351.8	58730	62500	69500	157080	182875	193490	98350	120357	123990	2.67	2.92	2.78
		Weed count (no/sqm.)	43	0												
Jajpur	Assessment of performance of tractor drawn seed cum fertilizer drill in groundnut	Yield q/ha	19.4	21.8	35211	33961	-	77600	87200	-	42388	53239	-	2.2	2.56	
		Avg. field capacity(ha/hr.)	0.066	0.4												
Jajpur	Assessment of Multienzyme mixture on growth of scavenging chicken	Avg. growth rate	450 gm/2 months	1300gm/2 months	1500	3060	-	3420	8640	-	2420	5580	-	2.28	2.82	
		Final wt. Dressing %	950gm 65%	1.8 kg 75%												
Jajpur	Assessment of probiotic supplementati on with azolla to increase milk production	Continuing														

2.3 Information about Home Science OFT: (For All Thematic Area)

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
Jajpur	2016	Kharif	Drudgery due to manual transplanting	Assessment of Drudgery reduction by use of four row drum seeder by farm women	Assessment	Drudgery reduction	Use of four row drum seeder	pre-germinated paddy seeds(24 hour soaking+draining & then keeping it for 24 hour germination) to be sown by drum seeder	Irrigated medium land	13	
Jajpur	2016	Kharif	Low yield of paddy straw mushroom V. Volvacea in peak summer	Assessment of paddy straw mushroom strain OSM-11 & 12	Assessment	Income generation	T2-Cultivation of paddy straw mushroom strain OSM-11 T3: Cultivation of paddy straw mushroom strain OSM-12	OSM-11 black colour, bio-efficiency of substrate -15% OSM-12 grey colour, bio-efficiency of substrate -13%	Home stead	15	
Jajpur	2016-17	Rabi	Low yield from P. sajarcaju during later part of winter	Assessment and use of different substrate in oyster mushroom cultivation	Assessment	Income generation	Cutting of straw into 2 inch, soaking for 8-10 hour, sterilization, spawning of mushroom bed , use paddy straw and sugarcane as substrate	Use of different substrate for cultivation of oyster mushroom	Home stead	5	
Jajpur	2016-17	Rabi	Heavy infestation of storage pest in pulses	Assessment of storage bin (plastic bin) for storing pulses (greengram)	Assessment	Storage loss minimization technique	Storing of pulses in plastic bin with sand	Application of sand layer above the grain mass would fill the inter granular spaces in the top layers and prevent further infestation of grains	Home stead	10	

2.4 (A) Economic Performance Home Science OFT: (For Drudgery Reduction)

KVK name	OFT Title	Performance Indicator / Parameter																			
		Output m2/h			Est. Energy Expenditure kj/min.			WHR beat/min			% reduction in drudgery			% increase in efficiency			Cardiac Cost of Work			% Saving of cardiac Cost	
		T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2
Jajpur	Assessment of Drudgery reduction by use of four row drum seeder by farm women	165	826	918	13.85	11.15	12.10	142	125	131	-	19.49	12.63	-	401	498	21.45	3.05	3.48	516	603

2.4 (B) Economic Performance Home Science OFT: (For Income Generation)

KVK name	OFT Title	Performance Indicator / Parameter																				
		Production per unit			Cost of input			Incremental income			Yield(Kg/ha)			Net Return			Saving in Rs			BC ratio		
		T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3
Jajpur	Assessment of paddy straw mushroom strain OSM-11 & 12	10 (kg/unit)	12 (kg/unit)	11 (kg/unit)	500	500	500	1200	1440	1320	1.0	1.2	1.1	700	940	820	-	240	120	2.4	2.88	2.64
Jajpur	Assessment and use of different substrate in oyster mushroom cultivation	17.5/unit (10 bed)	19/unit (10 bed)	21/unit (10 bed)	150	100	100	525	570	630				375	470	530	-	95	155	3.5	5.7	6.3

2.4 (C) Economic Performance Home Science OFT: (For value addition)

KVK name	OFT Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

2.4(D) Economic Performance Home Science OFT: (For Nutritional security)

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Jajpur	Oyster mushroom P-Sajarcaju yield is high in using banana pseudostem as substrate and the performance is well in this climatic condition
Jajpur	OSM-11 yield is higher in comparison to OSM-12 in this climatic condition.
Jajpur	Drip irrigation along with mulching is a good technology for reducing weeds in vegetable but the initial cost of input is very high.
Jajpur	Bullock drawn groundnut digger is not working properly in case of heavy weed infestation
Jajpur	Labour cost is saved by Sowing of groundnut seeds with tractor drawn seed cum fertilizer drill
Jajpur	The effect of multi enzyme mixture on growth rate of scavenging chicken sold excellent performance in farmers field within two months the weight gain was 1200 gm/chicken
Jajpur	Azolla probiotic mixture supplementation for increasing milk yield in cows but accepted by dairy farmers. SNF% and milk lactometer reading increased by azolla supplementation.

3. Achievements of Frontline Demonstrations (FLD)

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

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	Paddy	IDM	Demonstration on Integrated nutrient management in Potato	Training, Demonstration	10	73	15 ha
Jajpur	Onion	INM	Demonstration on	Training, Demonstration	17	158	35 ha

			micronutrient (Boron & Sulphur) application in Onion				
Jajpur	Cauliflower	INM	Demonstration on Bio fertilizer application in Cauliflower	Training, Demonstration	8	62	12 ha
Jajpur	Tractor drawn rotavator	Farm mechanization	Demonstration on use of tractor drawn rotavator	Training (F& FW) field day	12	120	120
Jajpur	Combine harvester	Farm mechanization	Demonstration on use of combine harvester	Training (F& FW), demonstration. field day	8	100	100
Jajpur	Duck	LPM	Demonstration on rearing of white pekin ducks for meat	Demonstration	8	38	-
Jajpur	Pointed gourd	Vegetable cultivation	Demonstration on suitability of pointed gourd var. Swarna Alaukik in triangular staking system	Training, Demonstration, field day	6	25	3 ha
Jajpur	mushroom	Income generation	Demonstration of Oyster variety Hypsizygous ulmarius	Training, Demonstration	35	176	18000 beds/annum
Jajpur	Poultry	Income generation	Demonstration on poultry (RIR breed) in semi intensive system	Training, Demonstration	32	380	3600 birds

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.
- *Don't press enter key to navigate among col use arrow or tab key
- *don't add space before or after statement within the table cell
- Kindly mention realistic estimated yield of your crop under Demonstration.
- If crop has been not yet harvested, mark it * on that

3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/ Technology /Entreprizes	Crop-Area (ha) / Entrep – No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Jajpur	2016	Kharif	Soil fertility management	Demonstration of lime@0.1LR to sesbania followed by Rice for improving soil productivity	Paddy	Swarna	1 ha	39.2	48.5	23.72	1	-	-	4	5
Jajpur	2016	Kharif	INM	Demonstration on B & S application in onion	Onion	Agrifound light red	1 ha	184.3	217.2	17.85	-	-	-	-	5
Jajpur	2016	Kharif	Farm mechanization	Demonstration on tractor drawn rotavator	Tractor drawn rotavator	Swarna	1 ha	48.82	49.84		-	-	-	-	5
Jajpur	2016	Kharif	Farm mechanization	Demonstration on self propelled rice transplanter	Self propelled rice transplanter	Swarna	1 ha	44.5	49.7	11.68					5
Jajpur	2016-17	Kharif	LPM	Demonstration on poultry breed palishree	Poultry	palishree	375 nos.	Avg. growth-1.9kg/3month	2.6 kg/3 months	36.84	4	-	1	10	15
Jajpur	2016-17	Rabi	INM	Demonstration on Integrated nutrient management in Potato	Potato	Kufri jyoti	1 ha	160.3	196.4	22.52	-	-	-	-	5
Jajpur	2016-17	Rabi	INM	Demonstration of Pre-limed FYM inoculated with Biofertilizer in Cauliflower	Cauliflower	Megha	1 ha	197.3	253.7	28.58	-	-	-	-	5
Jajpur	2016-17	Rabi	Vegetable cultivatin	Demonstration on pointed gourd var. Swarna Alaukik	Pointed gourd	Swarna Aulakik	0.12 ha	continuing	-	-	1	-	-	4	5

Jajpur	2016-17	Rabi	Varietal evaluation	Demonstration on capsicum var. California wonder	capsicum	California wonder	0.13 ha	84.32	110.34	30.8	1	-	4	-	5
Jajpur	2016-17	Rabi	INM	Demonstration on integrated nutrient management in watermelon var .Arka Jyoti (hybrid)	Water melon	Arka Jyoti	0.2 ha	252.6	298.1	18.01	1	-	4	-	5
Jajpur	2016-17	Rabi	INM	Demonstration on INM in marigold (var. Serakole)	Marigold	Serakole	0.2 ha	94.0	134.0	42.5	-	-	4	1	5
Jajpur	2016-17	Rabi	Farm mechanization	Demonstration on combine harvester	Combine harvester	Swarna	1 ha	49.8	49.8		1	-	-	4	5
Jajpur	2016-17	Rabi	LPM	Rearing of white pekin ducks for meat purpose	duck	White pekin	50 nos.	Avg. Wt. 1.7Kg/95 Days	Avg. Wt. 3Kg/95 Days		-	-	-	-	5

Cluster Demonstration on Oil seed & Pulse

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/Enterprise	Name of Variety/Technology/Enterprises	Crop-Area (ha) / Entrep – No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Jajpur	2016	Kharif		Improved management practices of groundnut var. Devi, soil amendment with gypsum @2.5 q/ha, seed treatment with vitavax (p) @2gm/ kg seed , seed inoculation with Rhizobium culture @20gm/kg seed along with soil test based fertilizer and need based plant protection measure	groundnut	Devi	30 ha	13.6	17.9	31.61	13	-	-	31	44
Jajpur	2016	Kharif		Improved management practices of blackgram var. PU-31, seed treatment with Vitavax (p) 2.5gm/kg seeds, seed inoculation with Rhizobium culture @20gm/kg of seed along with soil test based fertilizer	Blackgram	PU-31	30 ha	6.2	8.5	37	1	-	-	60	61
Jajpur	2016-17	Rabi		Improved management practices of groundnut var. Devi, soil amendment with gypsum @2.5 q/ha, seed treatment with vitavax (p) @2gm/ kg seed , seed inoculation with Rhizobium culture @20gm/kg seed along with soil test based fertilizer and need based plant protection measure.	Groundnut	Devi	45 ha	16.2	21.6	33.33	6	-	-	71	77

Jajpur	2016-17	Rabi		Improved management practices of mustard var. M-27, soil amendment with gypsum @2.5 q/ha, seed treatment with Vitavax (p) 2gm/1 kg of seed along with soil test based fertilizer	Mustard	M-27	15 ha	5.3	6.7	26.41	1	-	-	23	24
Jajpur	2016-17	Rabi		Green gram var.TARM-1,Seed inoculation with rhizobium culture,soil test based fertilizer,Spraying Trizophos,Thiomethoxam,Car bendezim+mancozeb,Biovita	Greengram	TARM-1	65 ha	5.3	7.1	33.96	4	-	-	158	162

Economic Impact of cluster demonstration on Oil seed & pulse

KVK Name	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	Cluster demonstration on oil seed Kharif groundnut var. devi	Groundnut	Yield (q/ha)	13.6	17.9	34800	35500	54400	71600	19600	36100	1.56	2.01
Jajpur	Cluster demonstration on pulse blackgram var. PU-31	Blackgram	Yield (q/ha)	6.2	8.5	20800	22200	31310	42925	10510	20725	1.50	1.93
Jajpur	Cluster demonstration on oil seed Rabi groundnut var. devi	Groundnut	Yield (q/ha)	16.2	21.6	34800	35500	64800	86400	30000	50900	1.86	2.43
Jajpur	Cluster demonstration on oil seed mustard var. M-27	Mustard	Yield (q/ha)	5.3	6.7	17000	19000	26500	33500	9500	14500	1.55	1.76
Jajpur	Cluster demonstration on oil seed greengram var. TARM-1	Greengram	Yield (q/ha)	5.3	7.1	22100	23200	26500	35500	4400	12300	1.19	1.53

3.3 Economic Impact of FLD

KVK Name	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 of lime@0.1LR to sesbania followed by Rice for improving soil productivity	Paddy	Yield (q/ha)	39.2	48.5	27000	29300	50960	63050	23960	33750	1.88	2.15
Jajpur	Demonstration on B & S application in onion	Onion	Yield (q/ha)	184.3	217.2	65800	68300	147440	173760	81640	105460	2.24	2.54
Jajpur	Demonstration on tractor drawn rotavator	Tractor drawn rotavator	Yield Field capacity (ha/hr) Pudding index	48.82 0.52 ha/h 41.8	49.84 0.52ha/h 63	30362	28112	65907	66884	35545	38772	2.17	2.37
Jajpur	Demonstration on self propelled rice transplanter	Self propelled rice transplanter	Yield q/ha Labour requirement manday/ha	44.5 36 mandays/ha	49.7 3 mandays/ha	31292	28167	60075	67041	28785	38876	1.92	2.38
Jajpur	Demonstration on poultry breed palishree	Poultry	Avg. growth- Avg. dressing %- Avg. wt. of egg	1.9kg/3 month 75 47 gm	2.6kg/3month 83 51 gm	1500 (Rs. 60/- per bird for 3 month)	1750	5700 (Rs. 120/kg)	7800	4200	6050	3.8	4.45
Jajpur	Demonstration on Integrated nutrient management in Potato	Potato	Yield (q/ha)	160.3	196.4	48300	55500	96180	117840	47880	62340	1.99	2.12

Jajpur	Demonstration of Pre-limed FYM inoculated with Biofertilizer in Cauliflower	cauliflower	Yield (q/ha	197.3	253.7	51300	62500	98650	126850	47350	64350	1.92	2.02
Jajpur	Demonstration on pointed gourd var. Swarna Alaukik	Pointed gourd	Continuing	-	-	-	-	-	-	-	-	-	-
Jajpur	Demonstration on capsicum var. California wonder	Capsicum	No. Fruit/plant Wt. of Individual fruit	63.2 (chilli) 3.3gm	4.6 (Capsicum) 68.4gm.	42600	50800	101184	165510	58584	114710	2.37	3.25
Jajpur	Demonstration on INM in marigold (var. Serakole)	Marigold	Individual flower Wt. No. of flower/plant Diameter Yield/ha	5.1 75.2 5.1 94.0 qtl/ha	7.2 86.1 5.4 34.0 qtl/ha	38600	46800	112800	160800	74200	116600	2.92	3.43
Jajpur	Demonstration on integrated nutrient management in watermelon var .Arka Jyoti (hybrid)	Water melon	Individual fruit wt. No. of fruits/plant	1.51kg 3.80 nos.	1.70kg 4.0 nos.	43900	47700	126300	149050	82400	101350	2.87	3.12
Jajpur	Demonstration on combine harvester	Combine harvester	Yield q/ha Field capacity	49.8 0.003 ha/hr	49.8 0.04 ha/hr	31774	27050	64530	64530	32756	37480	2.03	2.38

Jajpur	Rearing of white pekin ducks for meat purpose	Duck	Avg. Wt. – Avg. dressing% Avg. Wt. of egg	1.7 kg/95 days 79 50	3Kg/95 Days 85 53	1200 (Rs. 120 per bird for 95 days)	1500	2040 (Rs. 120/- per kg)	2880	840	1380	1.7	1.92
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3.4 Information about Home Science FLDs – (For All Thematic Area)

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/Technology/Enterprises	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Jajpur	2016-17	Rabi	Income generation	Low meat and egg production in Banaraja birds and high mortality due to disease incidence	Demonstration on Rearing of Rainbow rooster	Poultry	Rainbow rooster	Home stead	45 nos. bird	15
Jajpur	2016-17	Rabi	Storage loss minimization technique	Heavy infestation of storage pests in greengram	Demonstration on use of grain pro super bag	Grain pro super bag	Grain pro super bag	Home stead	10 ns.	10
Jajpur	2016-17	Rabi	Income generation	Low yield from P.sajaraju during later part of winter due to low temperature	Demonstration of Oyster Mushroom variety Hypsizygous ulmarius	Mushroom	Hypsizygous ulmarius	Home stead	100 nos. bed	10
Jajpur	2016-17	Rabi	Value addition	Distress sale of groundnut in peak period of harvest	Demonstration on value addition in groundnut	Groundnut	groundnut	-	-	10

3.5 (A) Economic Performance Home Science FLD: (For Drudgery Reduction)

KVK name	OFT Title	Performance Indicator / Parameter													
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

3.5 (B) Economic Performance Home Science FLD: (For Income Genration)

KVK name	FLD Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Jajpur	Demonstration on Rearing of Rainbow rooster	6.6 (3nos. bird)	8.7 (3 nos. bird)	225	225	990	1305	2.2 kg/bird	2.9 kg/bird	765	1080	315	5.8
Jajpur	Demonstration of Oyster Mushroom variety Hypsizygous ulmarius	18.5kg/unit (10 nos. bed)	26.5 kg/unit (10 nos. bed)	300	300	1110	1590	1.85 kg/bed	2.65 kg/bed	810	1290	480	5.3
Jajpur	Demonstration on use of grain pro super bag	30 storage loss %	15 storage loss %	1100	1220	1575	1935	35 Pest count %	4.6 Pest count %	475	715	Rs240/- 50kg greengram	1.58

3.5 © Economic Performance Home Science FLD: (For value addition)

KVK name	FLD Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Jajpur	Demonstration on value addition in groundnut	groundnut		Groundnut	groundnut	5kg groundnut	7.5 kg chicki	125	640	400	2250	530	1610	1080	3.5

3.5 (D) Economic Performance Home Science FLD: (For Nutritional security)

KVK name	FLD Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Jajpur	Paddy	Training	2	50	The technology appreciated by the farmers
Jajpur	Capsicum	Training	1	25	Yield increases
Jajpur	Groundnut	Field day	1	25	Groundnut var. Devi is preferred by the farmers
Jajpur	Groundnut	Training	1	25	Groundnut var. Devi is preferred by the farmers
Jajpur	Marigold	Training	1	25	The technology appreciated by the farmers
Jajpur	Combine harvester	Training	1	25	Technology appreciated by the farmers
Jajpur	Self propelled rice transplanter	Training	1	25	The technology is labour saving technology
Jajpur	Mushroom production	Training	2	25	The technology appreciated by the farmers

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.

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	Soil fertility management by brown manuring	Interactive demonstration	Weed population was minimized and application of nitrogenous fertilizer reduced	Technology is accepted by farmers.
Jajpur	Potato var. Kufri Surya was very much accepted by the farmers	Potato var. Kufri Surya with recommended package of practices	Potato var. Kufri Surya was very much appreciated by the farmers due to its pleasant looking, high yielding, good cooking quality, high market demand and short duration (75 days)	Recommended to line department for horizontal spread
Jajpur	Tomato var. Swarna Vijaya is a high yielding variety but the keeping quality is very low and has less market demand	Tomato var. Swarna Vijaya with recommended package of practices	Not accepted by the farmers due to low keeping quality	-

Jajpur	Integrated nutrient management in watermelon var. Arkajyoti	recommended package of practices 100:60:60 kg NPK/ha, , seed treatment with Azotobactor 25gm/kg of seed, neem oil cake 2.5qtl/ha, spraying of planofix @2.5ml/10 lit of water at 2-4 leaf stage, sea weed extract 25kg /ha.	Application of neem oil cake & seed weed extract increased the fruit size and weight and also reduced disease pest incidence in watermelon cultivation	Success story published in KVK News letter & distributed to the farmers for popularization
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	Commercial cultivation of flower is profitable	Interactive demonstration	Marigold more profitable	Farmers are interested to adopt this technology in next season
Jajpur	Demonstration on Rearing of Rainbow rooster	Interactive demonstration	Good egg size, High demand on availability of chicks due to good marketability of eggs	Willing to rear again.
Jajpur	Demonstration of oyster mushroom variety Hypsizygous ulmarius	Interactive demonstration	High yield more profit.	Farmers interested to grow the variety.
Jajpur	Demonstration on white peckin rearing	Interactive demonstration	In short span growth rate was very high	Farmers were satisfied on the performance of ducks
Jajpur	Demonstration on Pallishree breed	Interactive demonstration	The pallishree breed has high growth rate within a duration of three month male attained 3.5kg body weight. female attained 3kg. egg weight was 52gm	Farmers were satisfied on the performance of pallishree breed
Jajpur	Demonstration on tractor drawn rotavator	Interactive demonstration	Reduced cost of puddling	Farmers were satisfied on the performance of rotavator

Japur	Demonstration on combine harvester	Interactive demonstration	Reduced cost of harvesting and threshing and time saving	Farmers were interested for using the technology and the implement has good scope for adoption
Jajpur	Demonstration on self propelled rice transplanter	Demonstration	Reduced cost of transplanting	The machine has good scope for adoption.
Jajpur	Demonstration on grainpro superbag	Interactive demonstration	Pest infestation is reduced	Farmers appreciated the technology

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Jajpur	Tomato var. Swarna Vijaya is a high yielding variety, farmers got an yield of 311.8 qtl/ha but due to its low keeping quality and more sourness not accepted by the farmers of Jajpur district.
Jajpur	Potato var. Kufri Surya was very much appreciated by the farmers due to its pleasant looking, high yielding, good cooking quality, high market demand and short duration (75 days)
Jajpur	Multi enzyme mixture scavenging chicken is preferred by the farmers
Jajpur	Oyster mushroom P-Sajarcaju yield is high in using banana pseudostem as substrate and the performance is well in this climatic condition
Jajpur	OSM-11 yield is higher in comparison to OSM-12 in this climatic condition.
Jajpur	Drip irrigation along with mulching is a good technology for reducing weeds in vegetable but the initial cost of input is very high.
Jajpur	labour requirement is reduced by Sowing of groundnut seeds with tractor drawn seed cum fertilizer drill
Jajpur	Bullock drawn groundnut digger is not suitable for heavy weed infestation condition
Jajpur	The effect of multi enzyme mixture on growth rate of scavenging chicken is excellent performance in farmers field. Within two months the weight gain was 1200 gm/chicken

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	25.07.16, 27.07.16, 26.07.16, 12.08.16, 25.08.2016, 27.08.16, 17.09.16, 14.09.16, 20.09.16, 13.10.16, 3.11.16, 10.11.16, 16.11.16, 19.11.16, 24.11.16, 29.11.16, 02.12.16, 15.12.16, 16.12.16, 23.12.16, 24.12.16, 19.12.16, 03.1.17, 11.01.17, 15.02.17 Khadipada, Dihakuransa, Kankadapala, Choromuha, Dangadi, Sukinda, Chhatia, Krushnapada, Khadipada, Dihakuransa, Naupala, Chaulathali, Upula	

Jajpur	Vocational	PRA & group discussion	21.09.16, 14.09.16, 22.09.16, 07.09.16, 13.10. 16, 14.10.16, 5.10.16, 6.10.16, 5.11.16, 23.11.16, 25.11.16, 14.12.16, 12.01.17, 14.02.17, 09.03.17 Choromuha, Khadipada, Amiyajhari, Chhatia, Solar, Sabo, Dihakuransa, Bhubaneswarpur, Dihakuransa	
Jajpur	Extension personnel	Group discussion and district level meeting	12.09.16, 16.09.16, 21.09.16, 8.9.16, 04.10.16, 02.11.16, 7.11.16, 11.11.16, 15.11.16, 6.01.17, 06.03.17 Mandapada, Choromuha, Khadipada, Amiyajhari, Dihakuransa, choromuha DDA office, jajpur, DAO office, Dharmasala	

Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) 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	7	8	9	10	11	12	13	14	15	16
Jajpur	FW	OFFC	SFM	Green manuring in paddy	1	1	24	-	1	-	-	-	-	-
Jajpur	FW	OFFC	SFM	INM in paddy	1	1	23	-	2	-	-	-	-	-
Jajpur	FW	OFC	SFM	Micronutrient deficiency and its control measures in vegetables.	1	1	25	-	-	-	-	-	-	-
Jajpur	FW	OFC	HOV	Production technique of Tissue culture banana	1	1	25	-	-	-	-	-	-	-
Jajpur	FW	OFC	HOT	Production technology of potato cultivation	1	1	25	-	-	-	-	-	-	-
Jajpur	FW	OFC	HOV	Production technique of capsicum	1	1	24	-	1	-	-	-	-	-
Jajpur	FW	OFC	HOO	Integrated nutrient management in marigold	1	1	20	5	-	-	-	-	-	-
Jajpur	FW	ONC	HOV	Advantage of organic manure in vegetable production	1	1	24	1	-	-	-	-	-	-
Jajpur	FW	OFC	LPM	Goat husbandary and its economics	1	1	22	1	2	-	-	-	-	-
Jajpur	FW	OFC	LPM	Quail husbandary	1	2	19	3	3	-	-	-	-	-

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	7	8	9	10	11	12	13	14	15	16
Jajpur	FW	OFC	LPM	Fodder cultivation										
Jajpur	FW	ONC	LPM	Different cooling system in livestock for summer	1	1	18	6	-	1	-	-	-	-
Jajpur	FW	ONC	LPM	Gestation and parturition related diseases and its treatments in livestock	1	1	23	1	1	1	-	-	-	-
Jajpur	FW	ONC	LPM	Integrated farming system and its benefit	1	1	25	-	-	-	-	-	-	-
Jajpur	FW	OFC	AEG	Care and safety measures during operation of implements	1	1	25	-	-	-	-	-	-	-
Jajpur	FW	OFC	AEG	Use of M.B plough for summer ploughing	1	2	25	-	-	-	-	-	-	-
Jajpur	FW	OFC	AEG	Implements used for groundnut harvesting	1	1	23	-	2	-	-	-	-	-
Jajpur	FW	OFC	AEG	Implements used for groundnut threshing	1	1	25	-	-	-	-	-	-	-
Jajpur	FW	OFC	AEG	Utility of seed cum fertilizer drill	1	1	20	2	1	2	-	-	-	-
Jajpur	FW	ONC	WOE	Paddy straw mushroom cultivation	1	2	-	24	-	1	-	-	-	-
Jajpur	FW	OFC	WOE	Planning, layout and development of nutritional garden	1	1	-	25	-	-	-	-	-	-
Jajpur	FW	OFC	WOE	Safe storage of pulses by different mechanical method	1	1	-	22	-	2	-	-	-	2
Jajpur	FW	OFC	WOE	Preparation of tomato	1	1	-	25	-	-	-	-	-	-

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	7	8	9	10	11	12	13	14	15	16
				concentrate & mix vegetable pickle										
Jajpur	FW	OFC	WOE	Weeding operations of vegetables by using small garden tools	1	1	-	23	-	2	-	-	-	-
Jajpur	IS	ONC	HOT	Orchard management practices	1	1	11	3	1	-	-	-	-	-
Jajpur	IS	ONC	AEG	Use and importance of drip irrigation system	1	1	11	-	4	-	-	-	-	-
Jajpur	IS	ONC	SFM	Management of problematic soils	1	1	11	-	4	-	-	-	-	-
Jajpur	IS	OFC	WOE	Use of women friendly implements for reducing drudgery of farm women	1	1	-	14		1	-	-	-	-
Jajpur	IS	ONC	LPM	Reproductive disorders and recent advance treatment procedure	1	1	12	-	3	-	-	-	-	-

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	Planting material production technique	Crop	Production technology	4	9	-	1	-	-	-	-	-
Jajpur	Mushroom spawn production technique	Enterprise	Income generation	4	-	7	-	3	-	-	-	-
Jajpur	Skill in mat type nursery raising	Enterprise	Income generation activity	4	8	-	2	-	-	-	-	-
Jajpur	Production technique of vermin-compost	Enterprise	Production	3	9	-	1	-	-	-	-	-

			technology									
Jajpur	Azolla cultivation and its benefit in animal Husbandry	Enterprise	LPM	3	3	4	3	-	-	-	-	-

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	Medium	4	10	
Jajpur	Mushroom cultivation	Medium	5	15	

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		
Jaipur	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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		

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	Green manuring in paddy	25	12	45	34	36	24500	25200	
Jajpur	INM in paddy	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	Micronutrient deficiency and its control measures in vegetables.	25	4	8	34.2	42.8	18200	25500	1.Area expanded (ha): 25 2.No. of farmers adopted (no.): 205 3. % change in knowledge-20%
Jajpur	Production technique of Tissue culture banana	15	19	43	160	220	38000	49300	1. Area expanded (ha): 43 2. No. of farmers adopted (no.): 15 3. % change in knowledge-23%
Jajpur	Production technology of potato cultivation	25	17	34	210	250	43000	61300	1. Area expanded (ha): 48 2. No. of farmers adopted (no.): 91 3. % change in knowledge-21%
Jajpur	Production technique of capsicum	25	3	9	40.1	45.5	18200	29251	1. Area expanded (ha): 5 2. No. of farmers adopted (no.): 50 3. 3. % change in knowledge-25%
Jajpur	Integrated nutrient management in 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	Advantage of organic manure in vegetable production	25	19	38	501	624	23400	31800	1. Area expanded (ha): 9 2. No. of farmers adopted (no.):4 3. % change in knowledge-15%
Jajpur	Quail husbandary	25	50	90	1.2kg per quiel	1.8 kg per quiel	1200/10 quail	1800/10 quail	1. Area expanded (ha): 3ha 2. No. of farmers adopted (no.): 3. % change in knowledge- 4. production- , & Income-
Jajpur	Fodder cultivation	25	20	70	NA	NA	NA	NA	7 farmers willing to try fodder cultivation on small scale.
Jajpur	Different cooling system in livestock for summer	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	Care and safety measures during operation of implements	25	20	42	-	-	-	-	1.No. of farmers adopted (no.) 15 2.% change in knowledge: 45
Jajpur	Use of M.B plough for summer ploughing	25	18	38	-	-			4. Area expanded (ha): 40ha 5. No. of farmers adopted (no.): 18 % change in knowledge: 43%
Jajpur	Implements used for groundnut harvesting	25	12	45	-	-	-	-	6. Area expanded (ha): 2 ha 7. No. of farmers adopted (no.): 5 % change in knowledge: 42
Jajpur	Implements used for groundnut threshing	25	15	48					8. Area expanded (ha): 10 ha 9. No. of farmers adopted (no.): 16 % change in knowledge: 45
Jajpur	Utility of seed cum fertilizer drill	25	25	52					10.Area expanded (ha): 60 ha 11.No. of farmers adopted (no.): 20 % change in knowledge: 52%

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	Planning, layout and development of nutritional garden	25	35	55	210qtl/ha	290qtl/ha	37000	49000	25% raised in income
Jajpur	Orchard management practices	25	20	47	80	112	17500	25600	1. Area expanded (ha): 8 2. No. of farmers adopted (no.):5 3. % change in knowledge-23%
Jajpur	Use and importance of drip irrigation system	15	30	56	-	-	-	-	12. Area expanded (ha): 5 ha 13. No. of farmers adopted (no.): 10 % change in knowledge: 55%
Jajpur	Management of problematic soils	25	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	Use of women friendly implements for reducing drudgery of farm women	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	Reproductive disorders and recent advance treatment procedure	25	20	60	2000/livestock poultry	2300/livestock poultry	2000	2300	1. Area expanded (ha): 2. No. of farmers adopted (no.): 25 3. % change in knowledge-15%
Jajpur	Planting material production technique	25	2	7	23.1	40.5	17400	25200	4. Area expanded (ha): 5 5. No. of farmers adopted (no.): 40 6. 3. % change in knowledge- 24%
Jajpur	Mushroom spawn production technique	10	26	58	-	-	-	-	

Jajpur	Skill in mat type nursery raising	10	18	48	-	-	-	-	14. Area expanded (ha): 5 ha 15. No. of farmers adopted (no.): 6 % change in knowledge: 45
Jajpur	Production technique of vermin-compost	10	4	10	16.2	20.5	30600	45500	1. Area expanded (ha): 20ha 2. No. of farmers adopted (no.): 6 % change in knowledge-82.76%
Jajpur	Azolla cultivation and its benefit in animal Husbandry	25	5	10	262	305	73900	97750	1. Area expanded (ha): 13 2. No. of farmers adopted (no.): 30 3. % change in knowledge-20%

6. 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				
				M	F	M	F	M	F	Purpose	Topic s	Crop Stages
Jajpur	Field Day	15	10	407	25	10		4	1			
Jajpur	Kisan Mela		3	1215	140	42	28	120	23			
Jajpur	Kisan Ghosthi	6	8	122	19	35	6					
Jajpur	Exhibition		6	4845	423	519	123	223	38			
Jajpur	Film Show		70	636	122	87	42					
Jajpur	Method Demonstrations		72	800	240	65	20					
Jajpur	Farmers Seminar	3	1	210	21	13	4					
Jajpur	Workshop		1									
Jajpur	Group meetings		12	189	32	15	10					
Jajpur	Lectures delivered as resource persons		35	380	58	49	33					
Jajpur	Newspaper coverage		8									
Jajpur	Radio talks		4									
Jajpur	TV talks		25									
Jajpur	Popular articles		3									
Jajpur	Extension Literature		5									
Jajpur	Farm advisory Services		250									
Jajpur	Scientific visit to farmers field		450									
Jajpur	Farmers visit to KVK	1089	1050									
Jajpur	Diagnostic visits	63	72	23	12	8	5	6	3			
Jajpur	Exposure visits		3									
Jajpur	Ex-trainees Sammelan	1	1	5	19		1					
Jajpur	Soil health Camp											
Jajpur	Animal Health Camp	3	2	25	8	108	14	3	2			
Jajpur	Agri mobile clinic											
Jajpur	Soil test campaigns											
Jajpur	Farm Science Club conveners meet	5	2									
Jajpur	Self Help Group conveners meetings	3	3	48	10	3	2					
Jajpur	Mahila Mandals conveners meetings	1	1									
Jajpur	Celebration of important days (World environment day)	4	4	624	62	18	5					

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

7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Jajpur	April 2016 to June 2016	Quarterly	500	500
Jajpur	July 2016 to September 2016	Quarterly	500	500
Jajpur	October 2016 to December 2015	Quarterly	500	500
Jajpur	January 2017 to March 2017	Quarterly	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Jajpur	Booklet	Jibanu sara ra upadayata	Mrs. B. Mishra	500
Jajpur	Leaflet	Azolla chasa o tara upjogita	Mrs. B. Mishra	500
Jajpur	Booklet	Pana Chhasa	Mrs. B. Mishra	500
Jajpur	Booklet	Pani Pariba Chhasare bunda jala sechana ra upajogita	Mrs. B. Mohanta	500
Jajpur	Booklet	Mrutika parikhya o sara parichalana	Mr. S. Dash	500
Jajpur	Booklet	Swalpa kharcha re pustikara byanjan prastuti	Mrs. D. Patra	500
Jajpur	Booklet	Abyabaharjya krushijata padarthara prani posararae mulyajukra byabahara	Dr. A.K. Das	500
Jajpur	leaflet	Utilization of undervalued organic materials as poultry feed	Dr. A.K. Das	100
Jajpur	Paper presented in national seminar on Water resources management in the context of climate change for growing India	'Climatic maneuver on aquatic biomas and innovative way of sanitation involving poultry rearing'	Dr. A.K. Das	
Jajpur	Paper presented in national seminar on Water resources management in the context of climate change for growing India	'Investigative restraining of duck mortality in an organized farm through aqua-cum-microhabitat sanitary management'	Dr. A.K. Das	

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Jajpur	DVD	Training-cum-Awareness programme on Protection of Plant Varieties and Farmer's Right Act-2001	1
Jajpur	DVD	Pradhan Mantri Fasal Beema Yojana	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	Cereal	paddy	Paddy (var. Mandakini)	50 qtl. (un processed)		Stock at OSSC, Jajpur	2.4
Jajpur	Cereal	paddy	Paddy (Pratikshya)	160 qtl. (un processed)		Stock at OSSC, Jajpur	4.0
	Pulse	Greengram	TARM-1	1.5 qtl.			2.0

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	Onion	Agrifound light red	50,000	5000	12	0.2
Jajpur	Seedling	Capsicum	California wonder	5000	5000	10	0.13
Jajpur	Seedling	Tomato	Swana Vijaya	5000	5000	11	0.13
Jajpur	Seedling	chilli	Daiya-619 (F1 hybrid)	1000	1000	8	0.02
Jajpur	Seedling	Brinjal	H-1322	3000	3000	5	0.02
				64000	19000	46	

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.)
	Bio Agents						
	Bio Agents						
	Bio Fertilizer						
	Bio Fertilizer	-	-	-	-	-	-

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	Fish	IMC	Fish fingerlings	4000 nos.		
Jajpur	Poultry	Vanaraja & rainbow rooster	Chicks	2075 nos.	68030	
Jajpur	Duck		Ducklings	85 nos. duckling	3148	
Jajpur	Mushroom	V. volvaceae	Paddy straw Mushroom	2qtl.	20000	
Jajpur	Mushroom	P. Sajorcaju	Oyster mushroom	2 qtl.	10000	
Jajpur	Mushroom spawn		Mushroom spawn	1000 nos. bottle	14000	

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	848	715	10	-	715

9.2 Details of water samples analyzed so far :NA

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)
Functional								

10. Rainwater Harvesting NA

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/ST Participants		
					Male	Female	Total	Male	Female	Total

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	August	2015	RAWE student	45 days	25	30		25

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	2011	2011	2	Nil	Quarters are damaged

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Jajpur	25.11.2016	23	On farm testing on different varieties of greengram must be conducted in instructional farm during Rabi 2015-16 to find out suitable variety for the district
Jajpur			Soil application of pesticide is better to control pathogens than seed treatment
Jajpur			Farmers preference variety multiplier onion with other component should be taken under

			OFT programme
Jajpur			Post harvest technology under horticultural crops should be taken up jointly by both the Scientist of Horticulture and Agril. Engg. Discipline
Jajpur			Post-harvest technology on marigold should be conducted jointly by Scientist of Home Science and Horticulture discipline
Jajpur			Small tools and implements should be purchased under revolving fund for popularizing the same in demonstration programme
Jajpur			Drip irrigation trial must be conducted jointly by Scientist of Horticulture and Agril Engg. Discipline
Jajpur			Pointed gourd cultivation var. Swarna Alaukik popularized among the farmers through FLD
Jajpur			The protein content of mushroom is to be analyzed
Jajpur			Groundnut seed storage in grain pro super bag is to be conducted
Jajpur			Study on Binjharpuri cattle draft capacity should be made to draw inference and comparison with farm machinery
Jajpur			Post harvest technology on cereals, pulse, vegetables, fruits and mushroom should be conducted jointly by Scientist of Home Science and Agril. Engg. Discipline

14. 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	48	23000	18	Farmers portal	Pest and Disease management, Nutrient management, Production management, Livestock management , animal sc. Mushroom cultivation, vegetable, oilseed & pulse crop management

15. 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		ICAR	1,84,297/-	Awareness programme on Pradhan Mantri	Vill- Achyutpur, Block- Dharmasala	

				Fasal Beema Yojana		
Jajpur		ICAR & State	-	Rabi farmers fair on the eve of soil health day	Gautam Budha Sanskruti Bhwan, Jajpur	
Jajpur		ICAR & State	78,800/-	Awariness programme on PPV & FRA 2001	Vill- Garual, Narsinghpur Block- Rasulpur	
Jajpur		State	-	Celebration of technological week	Jajpur district	
Jajpur	RKVY	State	-	Skill orientation training	Rasulpur, Bari, Danagadi	
Jajpur		State	-	Animal Health Camp	Nagada	
Jajpur		State	-	Animal Heath Camp	Jajpur	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Jajpur	32039806804	60953	3,37165 (sale proceed + bank interest deposited in DEE, OUAT,BBSR Vide Cheque No. 726012, dt. 31.3.2017 and Lt. No. 283, Dt. 31.03.2017)	Nil

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Jajpur	Sandhyarani Mahala	Individual	OUAT	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.)

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Jajpur	Crop Cafeteria	Details giving in separate format
	Technology Desk	NA
	Visitors Gallery	NA
	Technology Exhibition	NA
	Technology Gate-Valve	NA

performance of crop cafeteria during 2016-17 (Rabi)

KVK	Name of crop	Name of variety	Specific characteristics of variety regarding climate resilience	Date of sowing/trans planting	Date of harvesting	Yield(q/ha)
Jajpur	Cauliflower	White contesa	white compact head, high yielding	22.11.2016	8.2.17	184.2 q/ha
	Capsicum	California wonder	High yielding	26.11.16	30.1.17	108.2 q/ha
	Pointed guard	Swarna Alaukik	Well suited for staking system, fruiting through out the year, high in yielding, light green fruit	15.11.2016	6.2.2017	221.2 q/ha
	Tomato	Swana Sampad	Tolerant to bacterial wilt	26.11.2016	4.2.2017	311.8 q/ha
	Onion	Agri found Light red	Good storage quality, size- light medium bulb	17.11.2016	5.4.17	248.6 q/ha
	Cabbage	Golden Acre	Small, round, compact head, avg. wt. 1-1.5kg, maturity-75 days	23.11.2016	11.3.2017	192.8 q/ha
	Brinjal	H-1322	Tolerant to wilt	22.11.2016	14.1.2017	224.8 q/ha
	Potato	Kufri suriya	Heat tolerant early variety, duration 75 days	28.11.2016	15.2.17	238.2 q/ha

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c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Demonstration on different high value vegetable crops ,hybrid 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				
2				
3				
4				

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	Exhibition and awareness programme on Pradhan Mantri Fasal Beema Yojana on 03.04.2016	550
2	Exhibition on the occasion of Dhan Divas at NRRI, Cuttack on 23.04.2016	300
3	University Foundation Day on 24.08.2016	250
4	Celebration of World Food Day on 16.10.2016	100
5	SHG Conveners Meet on 18.11.2016	50
6	Women In Agriculture Day on 4.12.2016	50
7	Rabi farmers fair the eve of world soil day 05.12.2016	200
8	Training cum Awareness programme on PPV FRA on 10.03.2017	100
9	State Level Krishi Mohastav, 2017 at Biju Patnaik play ground, Baramunda, Bhubaneswar on 11.04.17 to 13.04.17	2000
10	Vetting action plan with farmers on 21.06.2016	14
11	Monthly Research Extension interface meeting at KVK, Campus on 19.07.16	24
12	Monthly Research Extension interface meeting at KVK, Campus on 18.08.2016	32
13	Monthly Research Extension interface meeting at KVK, Campus on 20.09.2016	30
14	Monthly Research Extension interface meeting at KVK, Campus on 18.10.16	32
15	Monthly Research Extension interface meeting at KVK, Campus on 16.11.16	30
16	Monthly Research Extension interface meeting at KVK, Campus on 21.12.16	22

17	Monthly Research Extension interface meeting at KVK, Campus on 17.01.2017	30
18	Monthly Research Extension interface meeting at KVK, Campus on 23.02.17	22
19	Monthly Research Extension interface meeting at KVK, Campus on 25.03.17	28

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, Awareness programmes etc.

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

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

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	Dr. Anupam Mishra Zonal project Director Zone-VII, ICAR	26.04.2016	ICAR			Official visit
Jajpur	Prof. L.M Garnaik Dean of Agriculture, OUAT, BBSR	27.10.2016		SAU		Supervision the activates of RAWE student
Jajpur	Dr. Anupam Mishra Zonal project Director Zone-VII, ICAR	09.11.2016	ICAR			Official visit
Jajpur	Prof. P.N Jagadev	30.08.2016		SAU		Official visit

	DEE, OUAT, BBSR					
Jajpur	Prof. Surendranath Pasupalak Hon'ble Vice Chancellor, OUAT, BBSR	23.02.2017		SAU		Official visit
Jajpur	Sri. Ranjan Ku. Dash Distt. Collector	5.12.2016			Others	Guest of Honour on the occasion of Rabi farmers fair and World soil day
Jajpur	Dr. S.C. Mohapatra , Joint Director Extension Education, OUAT, Bhubaneswar	10.3.2017		SAU		awareness programme on protection of plant varieties and farmers right act
Jajpur	Dr. Dayanidhi , I/C, IPR Cell, OUAT, Bhubaneswar	10.3.2017		SAU		awareness programme on protection of plant varieties and farmers right act
Jajpur	Dr. Banshidhra Pradhan, Professor, Dept of PBG, OUAT, Bhubaneswar	10.3.2017		SAU		awareness programme on protection of plant varieties and farmers right act
Jajpur	Dr. S.R Das, Honorary Professor Plant Breeding Genetics, College of Agriculture , OUAT	10.3.2017		SAU		awareness programme on protection of plant varieties and farmers right act

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	22	235

26. E-CONNECTIVITY- NA

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			

27. Status of RTI

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

28. Status of Citizen Charter

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

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Jajpur	Dr. (Mrs) T. Pattnaik	Sr. Scientist & Head	Attended the Pre-Zonal Consultation Workshop at Biju Pattnaik Conference hall from 4.05.2016 to 5.5.2016	Attended
Jajpur	Dr. (Mrs) T. Pattnaik	Sr. Scientist & Head	Attended Action Plan Workshop at DEE, OUAT, BBSR from 06.5.2016 to 7.05.2016	Attended
Jajpur	Mr. S. Das	Scientist (Soil Sc.)	Attended Workshop on soil fertility Management from 21.04.2016 to 23.04.2016 at Bhopal	Attended
Jajpur	Dr. (Mrs) T. Pattnaik	Sr. Scientist & Head	Attended Finalization of Action plan at DEE, OUAT, BBSR on 13.05.2016	Attended
Jajpur	Dr. A.K Das	PA (Animal sc.)	Attended Review cum Action plan Workshop at DES, Chhatisgarh from 7-8, June, 2016	Attended
Jajpur	Mr. S. Das	Scientist (Soil Sc.)	Attended Workshop on cluster demonstration on oil seed and pulse at Gwalior from 7.08.16 to 13.08.16	Attended
Jajpur	Dr. (Mrs) T. Pattnaik	Sr. Scientist & Head	Attended 23 rd Zonal Workshop at KVK, CIFA, Khurda from 03.09.2016 to 05.09. 2016	Attended
Jajpur	Mrs. D. Patra	Scientist (Home Sc.)	Attended 23 rd Zonal Workshop at KVK, CIFA, Khurda on 04 09.2016	Attended
Jajpur	Mr. A.K Dash	PA (Animal Sc.)	Attended 23 rd Zonal Workshop at KVK, CIFA, Khurda on 04 05.2016	Attended

Jajpur	Dr. (Mrs) T. Pattnaik	Sr. Scientist & Head	Attended Review Workshop on cluster demonstration on 24.01.2017	Attended
Jajpur	Mr. S. Dash	Scientist (Soil Sc.)	Attended Review Workshop on cluster demonstration on 24.01.2017	Attended
Jajpur	Mrs. B. Mishra	Scientist (Horticulture)	Attended training for Horticultural Export at IIHR, Bangaluru from 15.12.16 to 17.12.2016	Attended
Jajpur	Mrs. Dharitri Patra	Scientist (Home Sc.)	Attended the review workshop of Home Sc. Expert at Bhopal from 07.01.2017 to 09.01.2017	Attended
Jajpur	Mrs. Sangita Panda	PA (Computer)	Attended the Workshop at ZPD, Zone-VII, Jabalpur to review the progress of data entry of soil health Card, development of Management Information System and discussion on the ICT initiations from 21.04.2016 to 23.04.2016	Attended
Jajpur	Mrs. Sangita Panda	PA (Computer)	Attended workshop on “Digital KVK” at Jbalpur from 19.01.2017 to 21.01.2017	Attended
	Total			

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Jajpur	15	15

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Jajpur	Dr. (Mrs.) T. Pattnaik	Sr. Scientist & Head	Attended 10 th State Level Research & Extension Council Meeting at OUAT, BBSR from 6.06.2016 to 8.06.2017	Attended
Jajpur	Dr. (Mrs.) T. Pattnaik	Sr. Scientist & Head	Attended Review Meeting at DEE, OUAT, BBSR on 04.07.2016	Attended
Jajpur	Dr. (Mrs.) T. Pattnaik	Sr. Scientist & Head	Attended the meeting IIWM at Chandrasekhar on 2.09.2016	Attended
Jajpur	Dr. (Mrs.) T. Pattnaik	Sr. Scientist & Head	Attended the monthly Review meeting on 31.01.2017	Attended
Jajpur	Dr. B. Mohanta	Scientist (Agril. Engg.)	Attended Thematic Research group consultation meeting of post harvest Technology on 27.05.2016	Attended
Jajpur	Mr. B. Mishra	Scientist (Horticulture)	Attended meeting on rice grower on 21.11.2016 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)
KVK	3	6

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
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Jajpur	Dr. A.K Dash	PA (Animal Sc.)	1	
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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	NA		

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Jajpur	Technological week celebration at Kadei Sasana and Balichandrapur on “Nutritional Health camp of poultry” on 27.03.2017	1	10	Livestock
Jajpur	Technological week celebration on method demonstration on small implements for groundnut threshing at Dihakuransa, Block-Rasulpur on 28.03.2017	1	20	crop
Jajpur	Technological week celebration at Dhanamandala, Block- Badachana on “Deworming & Nutritional immunity increase camp for goats” on 29.3.17	1	12	Livestock
Jajpur	Technological week celebration on method demonstration on “planting material production” on 30.3.2017	1	15	crop
Jajpur	Technological week celebration on “vermin-compost production” at Rambhadeipur on 31.03.2017	1	10	Vermin-compost

34. INTERVENTIONS ON DROUGHT MITIGATION - NA

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

Farmers-scientists interaction on livestock management

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

Animal health camps organized

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

Seed distribution in drought hit states

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

Seedlings and Saplings distributed

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

Bio-control Agents

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

Bio-Fertilizer

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

Vermis Produced

Name of KVK	Vermis Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers

Large scale adoption of resource conservation technologies

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

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

35. Proposal of NICRA NA**1. Technologies to be Demonstrated**

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

2. Proposed Extension Activities in NICRA Village

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

3. Proposed Training Activities in NICRA Village

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

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status

5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status

6. Public Representative/District Administration Visited in NICRA Village

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

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

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

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	Jajpur	2	-

SUCCESS STORY ON

1 Name of the Enterprise / Crop	Mushroom cultivation & spawn production for Sustainable livelihood
2. Name of the Farmer	Sandhy Rani Mahala
3. Address-	Village- Bhusandapur, Block- Badachana, Dist Jajpur, Odisha Phone-8658724790
4. Initial status / Practice of farmer before KVK intervention-	She wanted to find a better way to get answers to her pressing family needs as she could hardly get opportunity to earn income through paddy farming and small scale diary activities
5. KVK Intervention	Training, Technology Demonstration and develop market linkage, utilizing waste land ,and update knowledge on value addition in cereals and mushroom and pulses.
6. Innovative extension approach & methodology adopted for implementation of KVK intervention	Capacity building programme for income generation activities like (Market –led approach, forward market linkage , linkage to mushroom producers federation in districts etc.)
7. Adoption of improved practice by the farmers after KVK intervention	Use of quality spawn, scientific method of mushroom bed preparation grading and packaging of mushroom, harvesting techniques, value added products from mushroom. In spawn production Quality wheat used for mother spawn and planting spawn production, autoclave sterilization of spawn bottles, inoculation for paddy straw mushroom is ten days and oyster mushroom is fifteen days.,

7. Physical/ Fiancial development over previous practice

Sl.No.	Type of Enterprise	Area/ Nos	Production/ annum(Qtl.)	Expenditure(Rs)/ Annum	Income / Annum	Net Profit (Rs./Annum)
1	Production of Paddy Straw Mushroom	5000 beds p.a.	50	2,50,000	4,00,000	1,50,000
2	Production of Oyster Mushroom	1000 beds p.a.	18	63,000	99,000	36,000
3	Production of Mushroom spawn		36000 bottles p.a.	3,60,000	5,40,000	1,80,000
	Total			6,73,000	10,39,000	3,66,000

10. Farmer's Reaction & Feedback: Acquired necessary infrastructure to take up paddy straw mushroom and oyster mushroom cultivation on a large scale to upgrade his enterprise.

11. Extent of Diffusion : She has motivated other women (around 50) and mobilized them for taking up entrepreneurship activities on mushroom and also provided employment to women in her enterprises

12. Follow up action: Diagnostic field visit by Scientists, linking her enterprise with district mushroom grower federation and forward market link.

- Impact on other farm women: Now she is a successful entrepreneur and became a role model to other women in the village as well as other villages. She became a master trainer for all the farm women in Jajpur District and also become Executive Member of Jajpur Mushroom Producers Federation
- Diagnostic field visit by Scientists, linking her enterprise with district mushroom grower federation and forward market link.
- She has motivated 36 nos of women SHGs of Badachana & Dharmasala block and mobilized them for taking up entrepreneurship activities on mushroom and also provided employment to many women in her enterprises

She was felicitated in farmers' fair organised in KVK Jajpur and also felicitated by Hon'ble MLA, Barchana through ATMA, Jajpur

Photographs



Training on spawn production



Spawn production for commercial use



Soaking pit for paddy straw mushroom production



Mushroom production in commercial scale



Drying of cleaned bottle for spawn production



Farmers felicitated in OUAT Foundation Day on 24.08.2016

Success story on Farm Mechanization (Agro-service Center)

1 Name of the Enterprise / Crop	Farm Mechanisation(Agro Service Center)
2. Name of the Farmer	Ajit Ku. Sethi 
3. Address-	Village- Deoda Block- Dharmasala, Dist Jajpur, Odisha Phone-7894837019
4. Initial status / Practice of farmer before KVK intervention-	He was having 2.5 ha land but he was unable to get much profit from only paddy, vegetable farming and groundnut farming
5. KVK Intervention	Skill oriented training, Demonstration of improved machineries and update knowledge on Agro service center.
6. Innovative extension approach & methodology adopted for implementation of KVK intervention	Capacity building programme for income generation (custom hiring Center) and market linkage
7. Adoption of improved practice by the farmers after KVK intervention	He purchased tractor and different tractor operated improved machineries and providing them for custom hiring

8. Physical/ Financial development over previous practice:

Type of Enterprise/crop	Area /No	Expenditure (Rs.)	Income	Net profit
Paddy cultivation	2.5 ha	Rs. 72000/-	Rs. 109375/-	Rs. 37375/-

Groundnut cultivation	1 ha	Rs. 48000/-	Rs. 87500/-	Rs. 39500/-
Vegetable cultivation	1 ha	Rs. 62000/-	Rs. 89000/-	Rs. 27000/-
Agro service center (Tractor/cultivator/Rotavator/Ridger)	900hr operation/year	Rs. 250000/-	Rs. 4,50,000/-	Rs. 2,00,000/-
	Total	Rs. 4,32,000/-	Rs. 735875/-	Rs. 303875/-

Photographs

		
Implements of Mr. Sethi's Agro service centre	Operation of Tractor drawn M.B. Plough	Operation of Tractor drawn cultivator

10. Farmer's Reaction & Feedback: By seeing the success of Mr. Sethi the other farmers are interested to set up the custom hiring center..

11. Extent of Diffusion: He was motivated young farmers of his village and near by villages for taking up custom hiring center

12. Follow up action: Field visit by Scientists of KVK and linking other farmers for custom hiring..

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

SI No	Title	Problem	Photo
1	Assessment of Nutrient Management in Hybrid Rice	Low profit from mono cropping	
2	Assessment of potato varieties	Small size tuber , low yield, low profit from local cultivar	
3	Assessment of tomato varieties	Low yield and low keeping quality of Utkal kumari	

				
4	Assessment of brown manuring in paddy	Low yield and poor soil fertility status.		
5	Assessment of performance of bullock drawn groundnut digger	Unavailability of labour and high wages of labour for digging groundnut		

6	Assessment of drip irrigation with plastic mulching for management of water in cabbage	Wastage of water is more in surface flow irrigation	
7	Assessment of performance of tractor drawn seed cum fertilizer drill in groundnut	Dropping groundnut seeds behind the plough is a tedious and time consuming job	
8	Assessment of resource conservation technology in mustard in rice-mustard cropping system of North Eastern Coastal Plain zone	High cost of ploughing	

9	Assessment of Multienzyme mixture on growth of scavenging chicken	Suboptimal utilization of scavenged feed leading to slow growth	
10	Assessment of Drudgery reduction by use of four row drum seeder by farm women	Drudgery due to manual transplanting	
11	Assessment of paddy straw mushroom strain OSM-11 & 12	Low yield of paddy straw mushroom V. Volvacea in peak summer	
12	Assessment and use of different substrate in oyster mushroom cultivation	Low yield from P. sajarcaju during later part of winter	

