

ANNUAL PROGRESS REPORT

April 2015 to March 2016

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 2015 to March 2016

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2015-16

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	21		230
	On Going OFT	1		7
	Technologies assessed (Completed OFT)	20		223
	Technologies refined			
	On farm trials conducted	20		223
2	Frontline demonstrations			
	Proposed Frontline demonstrations	23		235
	On Going Frontline demonstrations			
	FLDs conducted on crops	15		175
	Area under crops (ha.)	58.3		175
	FLD on farm implement and tools	4		20
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)			
	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		40
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	23	43	625
	Farm women	7	11	180
	Rural youth			
	Extension personnel/ In service	4	6	70
	Vocational trainings	18	90	180
	Sponsored Training	1	30	33
	Total	54	180	1098
		No. of programmes	Participants	
4	Extension Programmes	1920		11605
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	240.8		OSSC
	Planting material produced (nos.)	1,31,482		25
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)			
	Milk Yield – Cow, Buffelo etc. (in liter)			
	Fish (Kg.)	1.36	25	
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			
	Ducks (nos.)			
	Chicks etc. (nos.)	4610	120	

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.)	20 qtl	10
	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)		
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	27	3500
	KVK News letter	4	200
	SAC Meetings conducted	2	65
	Soil sample tested	459	1519
	Water sample tested		
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)		
	KVK-KMA (Message and beneficiaries)	137	4486
	Convergence programmes	11	5880
	Sponsored programmes	1	33
	KVK Progressive Farmers interaction	10	6338
	No. of Technology Week Celebrations	5	172
	Attended HRD activities organized by ZPD	22	22
	Attended HRD activities organized by DES	7	7
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	2	2
9	Current status of Revolving Funds (Amt. in Rs.)	60953/-	
10		No. of blocks	No. of villages
	Outreach of KVK in the District	10	45
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)	2	5 2
12		Working (Yes/No)	No. of Update
	Status of KVK Website		
13		Application received	Application disposed
	Status of RTI (nos.)		
14		Query received	Query dissolved
	Citizen Charter (nos.)		
15		Working (Yes/No)	No. of programme viewed
	E-connectivity		
16		Filled	Vacant
	Staff Position	14	2
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)		
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)		

GENERAL INFORMATION

Table 5.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2016

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	37400-67000	53670/-	20.06.2012	Permanent	Others
Jajpur	Subject Matter Specialist1	Mrs. Babita Mishra	Horticulture	M.Sc .Ag	Horticulture	15,600-39,100	22220/-	13.08.2014	Contractual	Others
Jajpur	Subject Matter Specialist2	Mrs. Dharitri Patra	Women Agril.	M.Sc .Ag	Women Agril.	15,600-39,100	23070/-	16.01.2016	Contractual	Others
Jajpur	Subject Matter Specialist3	Vacant	-	-	-	-	-	-	-	-
Jajpur	Subject Matter Specialist4	Mrs Bijayalaxmi Mohanta	Ag.Engg	M.Tech	Post harvest processing and food Engineering	15,600-39,100	19810/-	12.04.2012	Contractual	Others
Jajpur	Subject Matter Specialist5	Mr. Subhasis Dash	Soil Science	M.Sc. Ag	Soil science	15,600-39,100	19810/-	11.06.2013	Contractual	Others
Jajpur	Subject Matter Specialist6	Vacant	-	-	-	-	-	-	-	-
Jajpur	Programme Assistant	Dr. A.K. Das	Vety.Sc	MVSc	.	9300-34,800	9300/-	23.12.2015	Contractual	Others
Jajpur	Farm Manager	Mr. Bipra Charan Swain	Agronomy	M.Sc. Ag	Agronomy	9300-34,800	11010/-	27.07.2013	Contractual	Others
Jajpur	Computer Programmer	Mrs. Sangita Panda	Computer	B.Sc. PGDCA	Computer	9300-34,800	12930/-	02.09.2014	Contractual	Others
Jajpur	Accountant / superintendent	Mr. Pradip Kumar Mangaraj	Accountant	B.A		9300-34,800	14560/-	07.03.2014	Permanent	Others
Jajpur	Stenographer	Mr. Trupti Ranjan Barik	Steno	B.Sc	Computer	5200-20,200	7560/-	29.06.2012	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	Driver	Mr. Pravat Ku. Nayak	-	10 th	-	5200-20,200	7130/-	5.11.2015	Contractual	Others
Jajpur	Driver	Mamtaz Alli Khan	-	10 th	-	5200-20,200	6600/-	08.07.2013	Contractual	Others
Jajpur	Supporting staff	Mr. Lachhaman Swain	-	-	-	4,440-14,680	6010/-	27.09.2013	Contractual	Others
Jajpur	Supporting staff	Sri Bhagira Dalei	-	-	-	4,440-14,680	5580/-	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	Danagodi	55	413	123
Jajpur	Sankharidiha	2014	Dharmasala	25	325	45
Jajpur	Bhubaneswarpur	2015	Jajpur	130	800	140

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, goaterly 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	Prathamakhandi,Dihakuransa ,Rasulpur Sankharidiha, Dharmasala
Jajpur	Distress sale of seasonal vegetables	PRA survey & group discussion	Dihakuransa ,Rasulpur, Sankharidiha, Dharmasala, Bhubaneswarpur, 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, Bhubaneswarpur, Jajpur

Jajpur	Lack of proper crop management practice in field, vegetable and pulses and other cash crops	PRA survey & group discussion	Dihakuransa ,Rasulpur, Sankharidiha, Dharmasala, Bhubaneswarpur, Jajpur
Jajpur	Loss of food grain due to lack of post harvest management	PRA survey & group discussion	Bhubaneswarpur, Jajpur, Sankharidiha, Dharmasala,
Jajpur	Improper farm resource management	PRA survey & group discussion	Dihakuransa ,Rasulpur ,Dhanajaypur Danagadi, Sankharidiha, Dharmasala
Jajpur	Lack of knowledge on integrated pest and disease management	PRA survey & group discussion	Dihakuransa ,Rasulpur, Sankharidiha, Dharmasala, Bhubaneswarpur, 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, Bhubaneswarpur, Jajpur
Jajpur	Limited farm mechanization	PRA survey & group discussion	Dihakuransa ,Rasulpur, Sankharidiha, Dharmasala, Bhubaneswarpur, Jajpur
Jajpur	Lack of knowledge on soil and water conservation	PRA survey & group discussion	Dihakuransa ,Rasulpur Danagadi, Sankharidiha, Dharmasala

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	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)	T ₃	FP (T ₁)	RP (T ₂)	T ₃	
Jajpur	2015	Kharif	Low yield and poor soil fertility status.	Assessment of soil fertility management practices by Brown Manuring in medium land Paddy	Assessment	INM	Paddy	Rainfed medium land	13	39.6	46.5	-	22500	28825	-	The weed population was minimum, Nitrogenous fertilizers were reduced upto 25% & organic carbon build up upto 15.5%
Jajpur	2015	Kharif	High market price of onion in Kharif due to scarcity of kharif onion	Assessment of onion varieties	Assessment	Varietal evaluation	Onion	Irrigated medium land	13	162.4	215.4	236.2	58240	101580	115540	Bhima super is found most suitable for kharif

																cultivation
Jajpur	2015	Kharif	Low profit from mono cropping due to increase in atmospheric temperature, degradation of soil health due to non leguminous crop cultivation	Economic studies on performance of Okra cowpea intercropping system for maintenance of soil health	Assessment	Intercropping	Okra-cowpea	Irrigated medium land	5	46.5	82.4	111.2	81300	40400	118700	Okra cow pea intercropping 2:1 is profitable to farmer
Jajpur	2015	Kharif	Heavy leaf folder incidence causes low yield	Assessment of integrated management practices for control of leaf folder in paddy	Assessment	IPM	Paddy	Rainfed medium land	13	39.2	43.1	48.5	23500	27125	32425	Technology is easily adopted by farmers and it should be popularize by line dept. personnel
Jajpur	2015	Kharif	Broadcasting of paddy leads to uneven plant population and difficulty in intercultural operation	Assessment of performance of tractor drawn seed cum fertilizer drill for sowing paddy	Assessment	Farm mechanization	paddy	Irrigated medium land	13	36.3	39.2	39.4	18115	20740	21970	Bullock drawn seed cum fertilizer drill is working well and the crop is also good
Jajpur	2015	Kharif	Suboptimal utilization of scavenged feed leading to slow growth	Assessment of multi-enzyme mixture on growth of scavenging chicken	Assessment	LPM	Poultry	Backyard poultry	210 nos . bird	Body wt at 2 mont hs- 800 gm	Body wt at 2 mont hs-1.2 kg gm	-	-	-	-	

Jajpur	2015-16	Rabi	Low yield and poor grain filling due to imbalanced nutrition	Assessment of micronutrient management practices (Boron+ Sulphur) in groundnut	Assessment	INM	Groundnut	Irrigated medium land	13	17.3	20.1	21.6	34400	45150	50775	Combined application of B & S enhance the maximum yield of 24.85% over farmer practices.
Jajpur	2015-16	Rabi	Low yield due to heavy weed infestation	Assessment of weedicide Imizathapyr for weed management in Groundnut	Assessment	IWM	Groundnut	Irrigated medium land	13	16.2	20.3	-	30000	44600		The weed(celostia, Bathua) population was minimum, WCE was 84.5%, application of weedicide enhance the crop yield up to 25.30% over farmer practice.
Jajpur	2015-16	Rabi	Reduced tuber size of local cultivar due to increased temperature during winter fetches low market price	Management of heat tolerant potato var. Kufri surya during short winter period	Assessment	Varietal evaluation	Potato	Irrigated medium land	13	168.4	184.8	237.9	47500	68280	76350	Kufri surya fetches good price in local market
Jajpur	2015-16	Rabi	Low yield and low keeping quality of BT-	Yield performance studies on bacterial wilt	Assessment	Varietal evaluation	Tomato	Irrigated medium land	13	212.6	272.4	298.6	53,470	62660	86070	Swarna sampad var. is

			2 due to high infestation of bacterial wilt, early blight due to climate change	tolerant Tomato var. Swarna Sampad in adverse climatic situation												profitable as compare to other varieties
Jajpur	2015-16	Rabi	Dropping groundnut seeds behind the plough is labour intensive work	Assessment of performance of bullock drawn seed cum fertilizer drill for sowing groundnut	Assessment	Farm mechanization	Groundnut	Irrigated medium land	5	18.2	19.8	19.9	41250	49650	50550	The machine is working well . Farmers are interested to purchase it
Jajpur	2015-16	Rabi	Wastage of water is more in surface flow irrigation	Assessment of performance of drip irrigation in cabbage	Assessment	Farm mechanization	cabbage	Irrigated medium land	3	285	336		123950	149050		Weeding problem is less and cost of irrigation is reduced
Jajpur	2015-16	Rabi	Heavy infestation leads to crop disaster and reduce quality and production of the crops	Assessment of Integrated pest management practices against tobacco caterpillar in cabbage	Assessment	IPM	Cabbage	Irrigated medium land	13	265	285	305	103500	113800	124650	Technology is easily adopted by farmers and it should be popularize by line dept. personnel
Jajpur	2015-16	Rabi	Heavy incidence of aphids leads to poor growth and low yield	Assessment of management practices against Aphids in Summer Green gram	Assessment	IPM	Green gram	Irrigated medium land	13	7.4	8.1	9.8	11900	17700	25700	Technology is easily adopted by farmers

																		and it should be popularize by line dept. personnel
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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 2015	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	52.40	55.6	56.2	58.72	59.14	36200	39200	38650	42600	41825	Balanced dose of fertilizer @NPK@120:80:60 kg/ha & adequate amount of Zn@5kg/ha& boron 1kg/ha performed well with increased in yield by 20.19%
Jajpur	Rabi, 2015-16	High cost of ploughing, loss of residual soil moisture broadcasting leads to uneven plant	Assessment	Resource conservation	Mustard	Irrigated medium land	Assessment of Resource conservation technology in mustard in rice mustard cropping	10	6.2	7.1	6.8			8250	10350	11650			Cost of cultivation is reduced by using zero till drill but the machine is not available

		population					system of North Eastern coastal plain zone												
Jajpur	Rabi, 2015-16	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											

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	180	85	70	155	55000	115000	65000	2.09
2	Mushroom	20 beds/months	950gm/bed	20	30	50	3000	9500	6500	3.1

3	Diary (country cow)	1	600	70	115	185	7500	21000	13500	1.8
4	Poultry	20nos	1200-1300gm/bird	1	1	2	1000	5600	4600	5.6
5	Ducks	20nos	900-1000gm/bird	1	1	2	1000	6000	5000	6.0
6	Pisciculture(Nil e iffere)	2kg/pond	25-35gm/fish	2	1	3	8000	20,000	12,000	2.50

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	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 soil fertility management practices by Brown Manuring in medium land Paddy	Yield(q/ha)	39.6	46.5	27000	29300	-	49500	58125	-	22500	28825		1.83	1.98	-
		Change in O.C%	0.45	0.52												
		Test wt.(gm)	21.1	22.3												
Jajpur	Assessment of Nutrient Management in Hybrid Rice	EBT/sq. mt	241	255	29300	30300	31600	64250	69500	70250	34950	39200	38650	2.19	2.29	2.22
		Test wt. gm	21.52	22.03												
Jajpur	Assessment of onion	Bulb wt	4.26gm	78.6 gm	39200	49200	49800	97440	1,50,780	1,65,340	58,240	1,01,580	1,15,540	2.48	3.06	3.3

	varieties	No. of bulb/plant Yield	10.2 162.4 qtl./ha	1 236.2 qtl/ha												
Jajpur	Economic studies on performance of Okra cowpea intercropping system for maintenance of soil health	Individual okra fruit length no. of okra fruit/plant total yield/ha	17.3 cm 16.9 82.4 qtl./ha	16.9 cm 16.4 111.2 qtl/ha.	42300	37500	49200	1,23,600	77,900	1,66,800	81,300	40,400	1,18,700 -	2.92	2.07	3.46
Jajpur	Assessment of integrated management practices for control of leaf folder in paddy	Yield (q/ha) Yield ,%of LF infestation	39.2 20%	43.1 12%	25500	26750	28200	49000	53875	60625	23500	27125	32425	1.9	2.01	2.14
Jajpur	Assessment of performance of tractor drawn seed cum fertilizer drill for sowing paddy	Field capacity Seed rate	0.57 ha/hr 87.5 kg/ha	0.163 ha/hr 40kg/ha	27260	28260	27260	46625	49000	49250	18115	20740	21970	1.66	1.73	1.68
Jajpur	Assessment of multi-enzyme mixture on growth of scavenging chicken	Body wt. gain	Body wt. at 1 month-800 gm	Body wt. at 1 month-1.2 kg	550/10 birds	670/10 birds	-	-	-	-	-	-	-	-	-	-
Jajpur	Assessment of micronutrient	Yield(q/ha) No of	17.3 18	20.1 22	34800	35250	35625	69200	80400	86400	34400	45150	50775	1.98	2.28	2.42

	management practices (Boron+ Sulphur) in groundnut	pod/plant														
Jajpur	Assessment of weedicide Imizathapyr for weed management in Groundnut	Yield(q/ha) WCE% No of pods/plant	16.2 17	20.3 84.5 21	34800	36600	-	64800	81200	-	30000	44600	-	1.86	2.21	-
Jajpur	Management of heat tolerant potato var. Kufri surya during short winter period	No. of tuber/plant Individual tuber wt Yield	3.8 110.8 gm 168.4 qtl/ha.	4.2 138.2 gm 237.9 qtl/ha.	36,500	42,600	42,600	84,200	1,10,880	1,18,950	47,500	68280	76350	2.30	2.60	2.79
Jajpur	Yield performance studies on bacterial wilt tolerant Tomato var. Swarna Sampad in adverse climatic situation	Individual fruit Wt. Yield	18.8 gm 212.6 qtl/ha	24.6 gm 298.6 qtl/ha	42,200	46,300	48,300	95,670	1,08,960	1,34,370	53,470	62,660	86,070	2.26	2.35	2.78
Jajpur	Assessment of performance of bullock drawn seed cum fertilizer drill for sowing	Field capacity Seed rate	0.067 ha/hr 175kg/ha	0.067 ha/hr 162kg/ha	31550	29550	29050	72800	79200	79600	41250	49650	50550	2.3	2.68	2.74

	groundnut															
Jajpur	Assessment of performance of drip irrigation in cabbage	Weed control (no/m ²)	55	13	48570	53930	-	171900	202560	-	123330	148630	-	3.54	3.76	-
Jajpur	Assessment of Resource conservation technology in mustard in rice mustard cropping system of North Eastern coastal plain zone	Field capacity (ha/hr) Yield (q/ha)	0.57 ha/hr 6.5	0.4 ha/hr 7.1	16550	18050	15550				8250	10350	11650	1.52	1.57	1.75
Jajpur	Assessment of Integrated pest management practices against tobacco caterpillar in cabbage	Yield (q/ha) % foliar feeder infestation	265 22	285 15	55500	57200	58350	159000	171000	183000	103500	113800	124650	2.9	2.98	3.2
Jajpur	Assessment of integrated pest management practices to control aphids in summer greengram.	Yield (q/ha) % infestation	7.4	8.1	22100	22800	23300	34000	40500	49000	11900	17700	25700	1.53	1.7	1.96

Table 5.1. Information about Home Science OFT:

KVK Name	Year	Season	Problem diagnosis	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	2015	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) sown by drum seeder	-	13	
Jajpur	2015	Kharif	Low yield of paddy straw mushroom during peak period of summer	Assessment of Management of paddy straw variety OSM-II in extreme heat period	Assessment	Small scale income generation	Cultivation of OSM-II using paddy straw as a substrate (3 layers) covering the floor with sand T3-SHG3-T2-SHG2- Cultivation of OSM-II using paddy straw as a substrate (3 layers) covering the floor with sand and wet gunny bag in the wall	Management of OSM-II variety of paddy straw with different layers, yield is more in summer	Home stead	13	
Jajpur	2015-16	Rabi	Low yield from P. Sajarcaju during later part of winter	Assessment of use of different substrate in oyster mushroom (H. Ulmarious) cultivation	Assessment	Income generation	Cutting of straw into 2 inch, soaking for 8-10 hour, sterilization of straw spawning of mushroom bed , use of paddy straw and drumstick stem as substrate	Use of different substrate for cultivation of oyster mushroom	Home stead	13	
Jajpur	2015-16	Rabi	Heavy infestation of storage pest in pulses	Assessment of storage bin (plastic bin) for storing of pulses greengram	Assessment	Storage loss minimization technique	Sun drying of pulses for 24 hours in concrete floor followed by filling the pulses in plastic bin covering the top with 3cm. Sand layer with air tight cover	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	13	

Table 5.1. Economic Performance Home Science OFT:

K V K n a m e	OFT Title	Performance Indicator / Parameter																																			
		Output m2/h			Est. Energy Expenditure kj/min.			WHR beat/min			% reduction in drudgery			% increase in efficiency			Production per unit			Cost of input			Incremental income			Yield(Kg/ha)			Net Return			Saving in Rs			BC ratio		
		T 1	T2	T3	T 1	T 2	T 3	T 1	T 2	T 3	T 1	T 2	T3	T1	T2	T 3	T1	T 2	T 3	T 1	T 2	T 3	T 1	T 2	T3	T1	T2	T3	T 1	T 2	T3	T1	T2	T 3			
Ja jp ur	Assessment of Drudgery reduction by use of four row drum seeder by farm women	142	840	925	13.22	11.5	11.95	13.8	12.7	13.0	-	85.35	86.25	-	492	551	-	-	-	-	-	-	-	-	42.5 q/ha	43.6 q/ha	44.1 q/ha	-	-	-	-	-	-	-	-	-	
Ja jp ur	Assessment of Management of paddy straw variety OSM-II in extreme heat period	Fruit wt. In gm - 20	Fruit wt. In gm 20.32	Fruit wt. In gm 20.47	Pinhed in days - 11.2	Pinhed in days - 14.6	Pinhed in days - 13.2										7.8 kg/10 bed	8.3 kg/10 bed	8.8 kg/10 bed	500	550	570	936	996	1056	0.78 kg/bed	0.83 kg/bed	0.88 kg/bed	436	446	486	-	10	50	1.8	1.81	1.85
	Assessment of Management and use ofiffered substr																20 kg/10 bed	26 kg/10 bed	28.5 kg/10 bed	400	300	300	1200	1560	1710	2.0 kg/bed	2.6 kg/bed	2.85 kg/bed	800	1260	1410	-	460	610	3.0	5.2	5.7

[illegible]

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Jajpur	Micronutrient(B&S) application in groundnut enhance the pod yield up to 25%.& also increases the pod quality.
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.
Jajpur	Yield is higher by sowing in seed cum fertilizer drill and intercultural operation is easier.
Jajpur	Farmers appreciated the technology and interested for such technologies introduction
Jajpur	Tomato var. Swarna Sampad is a high yielding variety but the keeping quality is low
Jajpur	Okra cowpea intercropping system is a profitable cultivation but the fertilizer recommendation for intercropping system need to be standardized

3. Achievements of Frontline Demonstrations

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	Groundnut	INM	Demonstration on application of Sulphur @30kg/ha along with RDF in groundnut	Training, Demonstration	12	150	30 ha
Jajpur	paddy	IPM	Demonstration on integrated management of yellow stem borer in paddy	Demonstration training group meeting	15	315	225
Jajpur	Enterprise	Farm mechanization	Demonstration on use of tractor drawn rotavator	Trainees (F& FW,Is) field day	8	80	20
Jajpur	Enterprise	LPM	Demonstration on rearing of white pekin ducks for meat	Trainees (F& FW,Is) field day	4	25	-
Jajpur	Cauliflower	INM	Demonstration on Use of sodium molybdate @1kg/ha, soil application in cauliflower	Training, Demonstration	6	50	10 ha
Jajpur	Enterprise	Farm mechanization	Demonstration on use of combine harvester	Demonstration and training	12	50	40
Jajpur	Enterprise	LPM	Demonstration in Health management in goat	Training, Demonstration	15	160	1200g oats
Jajpur	Enterprise	Income generation	Demonstration on rearing of Black rock poultry in semi intensive system	Training, Demonstration	30	350	3500 birds
Jajpur	Enterprise	Income generation	Cultivation of blue mushroom var. Hypsizygous ulmarius	Training, Demonstration	24	150	15000 beds/a nnum

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

3.2 Details of FLDs implemented

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	2015	Kharif	ICM	Demonstration on improved management practices of groundnut variety DEVI	Groundnut	Devi	5 ha	13.5	17.2	27.4	2	-	11		13
Jajpur	2015	Kharif	IDM	Demonstration on Integrated disease Management of sheath blight in paddy	Paddy	Swarna	1 ha	38.9	45.8	17.7			5		5
Jajpur	2015	Kharif	IPM	Demonstration on Integrated pest management practices for control chilli thrips	Chilli	Pant-c	1 ha	94.5	115.2	21.9	1		4		5
Jajpur	2015	Kharif	Farm mechanization	Demonstration on use of tractor drawn rotavator	Enterprise	Tractor drawn rotavator -	1 ha	42.7	43.4	1.64	-	-	3	2	5
Jajpur	2015	Kharif	Farm mechanization	Demonstration on use of self propelled rice transplanter	Enterprise	Rice transplanter -	1 ha	42.2	45.3	7.34	1		4		5
Jajpur	2015	Rabi	INM	Demonstration on Integrated nutrient management in Potato Application of 25% recommended dose of Nitrogen through FYM and 75% recommended dose of NPK fertilizer through chemical fertilizer.NPK applied as per soil test based	Potato	Kufri Jyoti	1 ha	160.2	196.3	22.53			5		5

Jajpur	2015	Rabi	INM	Demonstration on micronutrient (Boron & Sulphur) application in Onion	Onion	N-53	1 ha	185.3	216.2	16.67			5		5
Jajpur	2015	Rabi	INM	Demonstration on Bio fertilizer application in Cauliflower.	Cauliflower	Hemalata	1 ha	196.2	252.7	28.73			5		5
Jajpur	2015	Rabi	Vegetable cultivation	Demonstration on suitability of pointed gourd var. Swarna Alaukik in triangular staking system for heavy rainfall areas	Pointed gourd	Swarna Aulakik	0.1 ha	continuing			1	-	-	4	5
Jajpur	2015	Rabi	Varietal evaluation	Demonstration on performance of capsicum var. California wonder in ridge and furrow planting method	capsicum	California wonder	0.4 ha	83.4	104.8	25.6	1	-	4	-	5
Jajpur	2015	Rabi	INM	Effect of diazotrophs and sea weed extract on growth, yield & quality of marigold	Marigold	Serakole	0.4 ha	88.6	119.4	34.78	-	-	4	1	5
Jajpur	2015	Rabi	INM	Demonstration on integrated nutrient management in watermelon var .Arka Jyoti (hybrid)	Water melon	Arka Jyoti	0.4 ha	267.6	310.8	16.1	-	-	2	3	5
Jajpur	2015	Rabi	IPM	Demonstration on management yellow vein mosaic disease in Green Gram	Greengram	TARM-1	1 ha	8.3	10.4	25	-	-	3	2	5
Jajpur	2015	Rabi	IDM	Demonstration on management of collar rot disease in ground nut	Groundnut	DEVI	1 ha	17.2	20.5	19	1	-	4		5
Jajpur	2015	Rabi	Farm mechanization	Demonstration on use of tractor drawn axial flow thresher	Enterprise	Tractor drawn axial flow thresher	1 ha	42.8	42.8	-	-		-	5	5
Jajpur	2015	Rabi	Farm mechanization	Demonstration on use of combine harvester	Enterprise	combine harvester	1 ha	42.6	42.6	-	-	-		5	5
Jajpur	2015	Rabi	ICM	Demonstration on improved management practices of green gram variety TARM-1	Greengram	TARM-1	5 ha	6.8	9.1	33	-	-	1	6	7

Cluster Demonstration on Oil seed

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	2015-16	Rabi	ICM	Cluster Demonstration on Groundnut variety Devi	Ground nut	Devi	30 ha	16.4	21.3	29.87	-	-	-	-	70
Jajpur	2015-16	Rabi	ICM	Cluster Demonstration on Mustard	Mustard	M-27	10 ha	5.4	7	29.6	-	-	-	-	30

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 on improved management practices of groundnut variety DEVI	Groundnut	Yield (q/ha)	13.5	17.2	30100	31000	54000	68800	23900	37800	1.79	2.21
			No of pods/plant	14	18								
Jajpur	Demonstration on Integrated disease Management of sheath blight in paddy	Paddy	Yield (q/ha)	38.9	45.8	25500	26800	48625	57250	23125	30450	1.9	2.1
			Infestation %	17	09								
Jajpur	Demonstration on Integrated pest management practices for control chilli thrips	chilli	Yield(q/ha)	94.5	115.2	60300	62500	141750	172800	81450	110300	2.4	2.7
			Infestation %	18	8								

Jajpur	Demonstration on use of tractor drawn rotavator	paddy	Field capacity Puddling index	0.4ha/hr 43.3%	0.4 ha/hr 62.6%	28810	27310	53375	54250	24565	26940	1.85	1.99
Jajpur	Demonstration on use of self propelled rice transplanter	Paddy	Field capacity Mandays required	0.027 ha/hr 36 mandays/ha	0.19ha/hr 1mandays/ha	28850	24250	52750	56625	23800	32375	1.86	2.28
Jajpur	Demonstration on Integrated nutrient management in Potato Application of 25% recommended dose of Nitrogen through FYM and 75% recommended dose of NPK fertilizer through chemical fertilizer.NPK applied as per soil test based	Potato	Yield(q/ha) Tuber	160.2	196.3	48300	55500	96120	117780	47820	62280	1.99	2.12
Jajpur	Demonstration on micronutrient (Boron & Sulphur) application in Onion	Onion	Yield(q/ha) Bulb size(gm)	185.3	216.2	65800	68300	148240	172960	82440	104660	2.25	2.53
Jajpur	Demonstration on Bio fertilizer application in Cauliflower.	Cauliflower	Yield(q/ha) Curd weight(gm)	196.3 758	252.7 915	51300	62500	98150	126350	46850	63850	1.91	2.02
Jajpur	Demonstration on suitability of pointed gourd var. Swarna Alaukik in triangular staking system for heavy rainfall areas	Pointed gourd	continuing										

Jajpur	Demonstration on performance of capsicum var. California wonder in ridge and furrow planting method	Capsicum	Fruit Wt Yield	3.1 gm 83.4 qtl/ha	62.4 gm 104.8 qtl/ha	43,800	49,200	1,00,080	1,46,720	56,280	97,520	2.28	2.98
Jajpur	Effect of diazotrophs and sea weed extract on growth, yield & quality of marigold	Marigold	Individual flower Wt. No. of flower/plant Yield(q/ha)	5.2 52.2 88.6	6.4 62.2 119.4	37,200	47,200	88,600	1,31,362	51,400	84,162	2.38	2.78
Jajpur	Demonstration on integrated nutrient management in watermelon var .Arka Jyoti (hybrid)	Water melon	Individual fruit Wt. No. of fruits/plant Yield (q/ha)	1.6 kg 3.9 267.6 q/ha	2.1 kg 4.2 310.8 q/ha	39,800	47,645	1,07,040	1,55,400	67,240	1,07,755	2.68	3.26
Jajpur	Demonstration on management yellow vein mosaic disease in Green Gram	Greengram	Yield (q/ha) Infestation%	8.3 22	10.4 9	23500	25500	41500	52000	18000	36500	1.7	2.03
Jajpur	Demonstration on management of collar rot disease in ground nut	Groundnut	Yield (q/ha) Infestation%	17.2 20	20.5 9	34100	35000	68800	82000	34700	46500	2.0	2.3
Jajpur	Demonstration on use of tractor drawn axial flow thresher	Paddy	Field capacity Cost of operation(Rs/q)	1.2qntl/h Rs 145/q	9.9 qntl/h Rs91/-q	27250	24739	53500	53500	27450	28761	1.98	2.16
Jajpur	Demonstration on use of combine harvester	Paddy	Field capacity Labour requirement	0.025ha/hr 40mandays/ha	0.4ha/hr 1mandays/ha	30750	25250	53250	53250	22500	28000	1.73	2.11

Jajpur	Demonstration on improved management practices of green gram variety TARM-1	Greengram	Yield(q/ha) No. of pods/plant	6.8 16	9.1 23	22100	23200	34000	45500	11900	22300	1.53	1.96
Jajpur	Cluster demonstration on oil seed groundnut var. Devi	Groundnut	Yield(q/ha) No. of pods/plant	16.4 17	21.3 23	34800	35500	65600	85200	30800	49700	1.88	2.4
Jajpur	Cluster Demonstration on Oilseed Mustard var. M-27	Mustard	Yield(q/ha)	5.4	7.0	17000	20100	27000	35000	10000	14900	1.58	1.74

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/Technology/Enterprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Jajpur	2015	Kharif	Income generation	Local breed produce less nos of egg	Demonstration on poultry (RIR breed) in semi intensive system	Enterprise	Poultry (RIR)	Homestead	100 bird (10 unit)	10
Jajpur	2015	Kharif	Storage loss Minimisation technology	Heavy infestation of storage pests in rice	Demonstration on Grain pro Super bag for safe storage of rice	Enterprise	Paddy	Homestead	-	10
Jajpur	2015-16	Rabi	Income generation	Low yield from P.sajarcaju during later part of winter due to low temperature	Demonstration of Oyster Mushroom variety Hypsizygous ulmarius	Enterprise	Mushroom(Hypsizygous ulmarius)	Homestead	100 nos. bed (10 unit)	10
Jajpur	2015-16	Rabi	Value addition	Heavy infestation of storage pests in rice	Demonstration on value addition in groundnut	Enterprise	Groundnut	Homestead	-	10

3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m ² /h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input(Rs.)		Incremental income(Rs.)		Yield(Kg/ha)		Net Return (Rs.)		Savin g in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Jajpur	Demonstration on poultry (RIR breed) in semi intensive system	---	--	--	---	---	---	--	--	--	--	8.4 kg/ 10 birds in 5	24.2 kg/ 10birds in 5	1200/ unit	1700/ unit	2520/ unit	6050 /unit	--	--	1320/u nit	4350/ unit	3030	T1-2.1 T2-3.55

												month s	mont hs										
Jajpur	Demonstration on Grain pro Super bag for safe storage of rice	Pest coun t%- 15.5	Pe st co un t%- 4.2	ger min atio n %- 82	ge rm ina tio n %- 92	---	---	--	--	--	--	Storag e loss(%) 30	Stora ge loss(%) 12	-	110	875/qt l	1100 /qtl	--	--	875/ qtl	990/qt l	115	
Jajpur	Demonstration of Oyster Mushroom variety Hypsizygous ulmarius	Fruit wt.(g m)- 25	Fr uit wt. (g m) - 42									19.5 kg/10 bed(P. Florid a)	27.5 kg/10 bed	400/un it	400/un it	1170/ unit	1850 /unit	1.95/kg/ bed	2.75kg/b ed	770	1450	680	T1- 2.92 T2- 4.62
Jajpur	Demonstration on value addition in groundnut											5 kg peanut	7.8 kg chiki	110	260	250	1170	-	-	140	910	770	T1- 2.2 T2- 3.5

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Jajpur	Paddy	Training	4	100	The technology appreciated by the farmers
Jajpur	Capsicum	Training	1	25	Yield increases
Jajpur	Okra	Training	1	25	The technology appreciated by the farmers
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	Drum seeder	Training	1	25	The technology appreciated by the farmers
Jajpur	Rice transplanter	Training	2	30	The technology appreciated by the farmers as 90% labour is saved by using the implement
Jajpur	Chilli	Training	1	25	The technology appreciated by the farmers
Jajpur	Poultry	Training	2	100	Net income increases
Jajpur	Groundnut(Cluster)	Training	1	50	Groundnut var Devi is appreciated by the farmers.
Jajpur	Groundnut(Cluster)	Field day	1	80	Yield of groundnut is appreciated by the farmers
Jajpur	Toria-M-27 (Cluster)	Training	1	50	Technology appreciated by farmers
Jajpur	Toria-M-27 (Cluster)	Field day	1	50	Yield of Toria M-27 is 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	Management of chili thrips.	Interactive demonstration	Reduce the cost of cultivation increase yield , reduce pest	Technology is accepted by farmers
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	Integrated management practice for control of leaf folder in paddy	Interactive demonstration	Reduced cost of cultivation more yield and more profit	Technology is accepted by farmers.
Jajpur	Micronutrient management practices boren pluse sulphur	Demonstration of application of boron and sulphur	Combined effect of boron and sulphur yield	Technology is accepted by farmers.
Jajpur	Bullock drawn seed cum fertilizer drill for sowing groundnut.	Interactive demonstration	Reduced cost of sowing and les labour requirement.	Technology is accepted by farmers.
Jajpur	Threshing by tractor drawn axial flow thresher is reducing time and	Interactive demonstration	Threshing time required for 1q paddy threshing is 6 min	The implement has good score for adoption
Jajpur	Biofertilizer application in cauliflower	Application of sodium molybdenum @1kg/ha as	Use of sodium molybdenum @1kg/ha as soil application	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

Jajpur	Commercial cultivation of flower is profitable	Interactive demonstration	Marigold more profitable	Farmers are interested to adopt this technology
Jajpur	Demonstration on backyard poultry (RIR)	Interactive demonstration	Good egg size, High demand on	Willing to rear again.
Jajpur	Demonstration of oyster mushroom variety <i>Hypsizygous ulmarius</i>	Interactive demonstration	High yield more profit.	Farmers interested to grow the variety.

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Jajpur	Rice Leaf folder species diversity is to be studied under coastal ecosystem.
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	For operation of Zero trill drill optimum moisture content is to be optimized.
Jajpur	Multi enzyme mixture carvengine chicken is preferred by the farmers

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	Farmer & Farm Women	PRA & group discussion	9.4.15, 28.4.15, 30.4.15, 23.5.15, 26.5.15, 11.6.15, 16.6.15, 18.6.15, 7.7.15, 20.7.15, 10.8.15, 12.8.15, 19.8.15, 3.9.15, 24.9.15, 30.9.15, 6.10.15, 28.12.15, 9.10.15, 5.11.15, 11.12.15, 15.12.15, 9.2.16, 13.1.16, 14.1.16 Dihakuransa, Sankharidiha, Bhubaneswarpur, Danagadi, Duburi, Bari, chaulathali, Solar, prathamakandi, Amiyajhari, Achyutpur, Niladeipur, Bandareswar	

Jajpur	Vocational	PRA & group discussion	28.4.15, 30.4.15, 23.5.15, 26.5.15, 11.6.15, 16.6.15, 18.6.15, 7.7.15, 20.7.15, 12.8.15, 19.8.15, 3.9.15, 24.9.15, 30.9.15, 6.10.15, 28.12.15, 9.10.15, 5.11.15, 11.12.15, 15.12.15, 9.2.16, 13.1.16 Sankharidiha, Dihakuransa, Bhubaneswarpur, Solar, prathamakandi, Amiyajhari, Achyutpur, Niladeipur	
Jajpur	Extension Personnel	Group discussion and district level meeting	24.4.15, 25.4.15, 5.5.15, 15.6.15, 21.8.15, 3.11.15, 2.12.15, 26.02.15 DDA office, DAO office Dharmasala,	
Jajpur				

Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	© 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	OFC	SFM	Technique of soil sample collection	1	2	24	1	-	-	-	-	-	-
Jajpur	FW	OFC	SFM	Micronutrient deficiency & its control measures in groundnut	1	2	20	1	-	-	2	-	2	-
Jajpur	FW	OFC	SFM	Micronutrient deficiency and its control measures in vegetables	1	2	19	3	-	-	2	-	-	1
Jajpur	FW	OFC	SFM	Problematic soil and its management practices	1	2	23	2	-	-	-	-	-	-
Jajpur	FW	OFC	SFM	INM in potato	1	2	23	2	-	-	-	-	-	-
Jajpur	FW	OFC	HOV	Production technique of capsicum	1	2	20	1	3	-	-	-	-	-
Jajpur	FW	OFC	HOV	Advantage of organic manure in vegetable production	1	2	22	1	1	1	-	-	-	-
Jajpur	FW	OFC	HOT	Production technique of potato	1	2	23	2	-	-	-	-	-	-
Jajpur	FW	OFC	HOV	Production technique of Tomato	1	2	19	1	1	-	-	-	2	2
Jajpur	FW	OFC	HOV	Nursery raising techniques in summer vegetable	1	2	21	1	-	1	2	-	-	-
Jajpur	FW	OFC	PLP	IPM in Rice	1	2	20	1	-	1	-	1	2	-

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	PLP	IDM of Paddy	1	2	19	2	-	-	-	-	2	2
Jajpur	FW	OFC	PLP	Integrated crop management in groundnut	1	1	43	1	6	-	-	-	-	-
Jajpur	FW	OFC	PLP	Integrated crop management of mustard	1	1	44	1	5	-	-	-	-	-
Jajpur	FW	OFC	AEG	Utility of seed cum fertilizer drill	1	2	8	3	2	2	0	2	0	8
Jajpur	FW	OFC	AEG	Implements used for groundnut cultivation	1	2	7	3	2	2	1	2	0	8
Jajpur	FW	OFC	AEG	Care and safety measures during operation of implements	1	2	9	1	2	0	2	0	10	1
Jajpur	FW	OFC	AEG	Use of rice transplanter	1	2	8	2	1	0	3	0	10	1
Jajpur	FW	OFC	AEG	Use of combine harvester	1	2	2	13	0	0	0	0	10	0
Jajpur	FW	OFC	AEG	Implements used for groundnut threshing	1	2	25	0	0	0	0	0	0	0
Jajpur	FW	OFC	LPM	Summer management of poultry	1	2	18	1	2	1	-	1	-	2
Jajpur	FW	OFC	LPM	Common diseases of Livestock and their prevention	1	2	22	2	1	-	-	-	-	-
Jajpur	FW	OFC	LPM	Common diseases of poultry & their prevention	1	2	24	1	-	-	-	-	-	-
Jajpur	FW	OFC	LPM	Duck husbandry	1	2	23	1	-	-	-	-	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	7	8	9	10	11	12	13	14	15	16
Jajpur	FW	OFC	WOE	Paddy straw mushroom cultivation	1	1	-	24	-	1	-	-	-	-
Jajpur	FW	OFC	WOE	Vaccination schedule of poultry bird	1	2	-	20	-	2	-	3	-	-
Jajpur	FW	OFC	WOE	Oyster mushroom cultivation	1	2	-	19	-	2	-	1	-	3
Jajpur	FW	OFC	WOE	Safe storage of food grain by using grain pro super bag	1	2	-	24	-	1	-	-	-	-
Jajpur	FW	OFC	WOE	Weeding operation of vegetable by using small garden tool	1	1	-	25	-	-	-	-	-	-
Jajpur	FW	OFC	WOE	Use of TNAU trap for storage of grain	1	1	-	20	-	5	-	5	-	-
Jajpur	FW	OFC	WOE	Value addition in groundnut	1	2	-	21	-	-	-	-	-	4
Jajpur	FW	OFC		Problematic soil and managment	1	2	-	21						4
Jajpur	IS	ONC	SFM	Role of essential plant nutrient & their deficiency & control measure	1	2	12	-	2	-	-	-	1	-
Jajpur	IS	ONC	AEG	Importance of zero till drill for resource conservation	1	2	2	13	-	-	-	-	-	-
Jajpur	IS	ONC	HOV	Hi-tech horticulture	1	2	11	11	-	-	-	-	1	2
Jajpur	IS	ONC	WOE	Use of women friendly implements for drudgery reduction of farm women	1	2	-	12	-	2	-	-	-	11

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	Safe use of pesticides and preparation of spray solution	Crop		5	8	1	-	-	1	-	-	-
Jajpur	Methodology for quality vermicompost production technique	Vermin-compost		5	7	1	-	-	2	-	-	-
Jajpur	Preparation of NSKE & Neem oil and its use	crop		5	8	2	-	-	-	-	-	-
Jajpur	Record keeping in live stock& poultry farming	Enterprise	LPM	5	8	2	-	-	-	-	-	-
Jajpur	Bee keeping	Enterprise	Income generation	5	6	2	-	2	-	-	-	-
Jajpur	Planting material production technique	Crop	Planting material production	5	8	2	-	-	-	-	-	-
Jajpur	Planting material production technique	Crop	Planting material production	3	6	2	-	2	-	-	-	-
Jajpur	Production technique of commercial flower	Crop	Cultivation technology	5	5	2	-	-	-	-	2	1
Jajpur	Production technique of commercial flower	Crop	Cultivation technology	5	5	2	-	-	-	-	-	3
Jajpur	Seedling raising technique in nursery	Crop	Production of planting material	5	7	2	1	-	-	-	-	-
Jajpur	Skill in mat type nursery raising	Crop	Income generating activities through farm implements	5	8	-	-	-	-	-	2	-
Jajpur	Skill in operation of self propelled rice transplanter	Enterprise	Self employment through farm implements	5	-	-	-	-	2	-	8	-

Jajpur	Repair and maintenance of tractor	Enterprise	Self employment through farm implements	5	-	-	-	-	-	-	10	-
Jajpur	Calibration and operation of seed cum fertilizer drill	Enterprise	Self employment through farm implements	5	-	-	-	-	-	-	10	-
Jajpur	Value addition of mushroom	Enterprise	Value addition	5	-	7	-	2	-	-	-	1
Jajpur	Value addition of mushroom	Enterprise	Value addition	5	-	8	-	1	-	-	-	1
Jajpur	Value addition in milk	Enterprise	Value addition	5	-	6	-	2	-	1	-	1
Jajpur	Spawn production technique	Enterprise	Income generation	5	-	10	-	-	-	-	-	-

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 elsewhere
		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		
Jajpur	Soil testing and soil health management	Soil fertility management		RY	30		30	-	-	-	-	-	-	-	Orissa Watershed Development Mission	Rs.4,39,500/-

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																

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	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	Micronutrient deficiency & its control measures in groundnut	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	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	Problematic soil and its management practices	25	5	8	18.2	25.5	35600	48500	1. Area expanded (ha): 42 2. No. of farmers adopted (no.): 70 3. % change in knowledge-25%
Jajpur	Problematic soil and its implements	25	4	10	16.2	20.5	30600	45500	3. Area expanded (ha): 43 4. No. of farmers adopted (no.): 80 3. % change in knowledge-23%

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	Advantage of organic manure in vegetable production	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	Production technique of potato	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 Tomato	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	Hi-tech horticulture	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	IDM of 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	Integrated pest & disease management in groundnut	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	Integrated management of pest and disease of mustard	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	Common diseases of Livestock and their prevention	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	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	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	Vaccination schedule of poultry bird								
Jajpur	Oyster mushroom cultivation	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	Safe storage of food grain by using grain pro super bag								
Jajpur	Weeding operation of vegetable by using small garden tool	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	Safe use of pesticides and preparation of spray solution	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	Methodology for quality vermicompost production technique	10	4	10	16.2	20.5	30600	45500	5. Area expanded (ha): 43 6. No. of farmers adopted (no.): 80 3. % change in knowledge-23%
Jajpur	Preparation of NSKE & Neem oil and its use	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	Record keeping in live stock& poultry farming	25	20	60	2000/livestock poultry	2300/livestock poultry	2000	2300	3. Area expanded (ha): 4. No. of farmers adopted (no.): % change in knowledge-
Jajpur	Value addition of 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	Value addition of mushroom	25	27	48			28,000/annum	35,000/annum	4. Area expanded (ha): 20ha 5. No. of farmers adopted (no.): 6 6. % change in knowledge-82.76%
Jajpur	Production technique of commercial flower	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 commercial flower	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%
Jajpur	Seedling raising technique in nursery	10	25	58					1. Area expanded (ha): 20 2. No. of farmers adopted (no.): 8 3. % change in knowledge-132%
Jajpur	Calibration and operation of seed cum fertilizer drill	10	20	60					1. Area expanded (ha): 20 2. No. of farmers adopted (no.): 6 3. % change in knowledge-200%
Jajpur	Utility of seed-cum- fertilizer drill	25	12	48					1. Area expanded (ha): 30 2. No. of farmers adopted (no.): 3 3. % change in knowledge-300%
Jajpur	Implements used for groundnut cultivation	25	20	62					1. Area expanded (ha): 10 2. No. of farmers adopted (no.): 5 3. % change in knowledge-210%

Jajpur	Care and safety measures during operation of implements	25	15	65					1. Area expanded (ha): 1 2. No. of farmers adopted (no.): 3 3. % change in knowledge-200%
Jajpur	Use of rice transplanter	25	18	52					1. Area expanded (ha): 20 2. No. of farmers adopted (no.): 7 3. % change in knowledge-333%
Jajpur	Use of combine harvester	25	20	63					1. Area expanded (ha): 10 2. No. of farmers adopted (no.): 5 3. % change in knowledge-200%
Jajpur	Importance of zero till drill for resource conservation	15	24	62					1. Area expanded (ha): 20 2. No. of farmers adopted (no.): 10 3. % change in knowledge-

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		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Jajpur	Field Day	15	10	420	30	12		7	3			
Jajpur	Kisan Mela	3	3	1250	170	50	30	150	50			
Jajpur	Kisan Ghosthi	10	8	125	25	40	10					
Jajpur	Exhibition	5	7	5150	450	525	148	230	60			
Jajpur	Film Show	80	75	650	150	100	50					
Jajpur	Method Demonstrations	20	70	800	220	40	20					
Jajpur	Farmers Seminar	3	1	250	30	15	8					
Jajpur	Workshop	2	1	20	5	5	0	15	5			

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	Group meetings	15	15	220	40	22	13					
Jajpur	Lectures delivered as resource persons	15	20	380	50	40	30					
Jajpur	Newspaper coverage	10	7									
Jajpur	Radio talks	5	2									
Jajpur	TV talks	20	15									
Jajpur	Popular articles	5	2									
Jajpur	Extension Literature	15	11									
Jajpur	Farm advisory Services	200	200									
Jajpur	Scientific visit to farmers field	400	350									
Jajpur	Farmers visit to KVK	1000	1050									
Jajpur	Diagnostic visits	50	52									
Jajpur	Exposure visits	2	3									
Jajpur	Ex-trainees Sammelan	1	1	20	3		2					
Jajpur	Soil health Camp											
Jajpur	Animal Health Camp	2	2	42	10	15	5					
Jajpur	Agri mobile clinic											
Jajpur	Soil test campaigns	3	3	122	18	6	4					
Jajpur	Farm Science Club conveners meet	5	3	58	12	3	2					
Jajpur	Self Help Group conveners meetings	3	5		82		18					
Jajpur	Mahila Mandals conveners meetings	1	1		25		5					
Jajpur	Celebration of important days (World environment day)	4	4	635	65	20	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 2015 to June 2015	Quarterly	500	500
Jajpur	July 2015 to	Quarterly	500	500

	September2015			
Jajpur	October 2015 to December2015	Quarterly	500	500
Jajpur	January2016 to March 2016	Quarterly	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Jajpur	Leflet	Namuna matiparikshya o saraparayoga	S. Dash, B. Routray & T. Pattnaik	500
Jajpur	Leflet	Jiakhataprastuti o tara upajogita	B. Mishra & B.L. Mohanta	500
Jajpur	Booklet	Labhajanaka potala chasa	B. Mishra & B.L. Mohanta	500
Jajpur	Booklet	Chatuchasa kari labhaban huantu	M. Bhol & T. Pattnaik	500
Jajpur		Year planner	ALL	500
Jajpur	Booklet	Jibanu sara ra upadyata	B. Mishra & T.Pattnaik	500
Jajpur	Leflet	Azolla chasa o tara upakarita	B. Mishra & T.Pattnaik	500
Jajpur	Research Paper	Prospection of new farmers towards duck farming	P.K. Padhi, M. Bhol, B.K. Routray & T. Pattnaik	Training of extension vol.xx no1Jan to June 2015 PP-126
Jajpur	Paper presented	Evaluation of potato varieties suitable for coastal zone of odisha	B.Mishra,G.S. Sahoo, T. Pattnaik, A. Swain, B.Das	Horticultural diversity for prosperity at OUAT, Bhubaneswar
Jajpur	Paper Presented	Post harvest loss management in pulses	B.Mohanta, T.Pattnaik, B.K. Routray	50 th convention ISAE and symposium atCAET, OUAT

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Jajpur	DVD	Pre-kharif Farmer's Fair	1
Jajpur	DVD	Rabi Farmer's fair on the eve of World Soil Health Day	1
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	Pratikshya (FS)	139 Qtl.	Rs. 3,18,310/-	OSSC	4 ha
Jajpur			Sahabhagi(FS)	60.20(Un Processed)	Rs. 1,25,950/- approx	OSSC	2 ha
Jajpur			Swarna Sub-I(FS)	20.30(Un Processed)	Rs. 41,220/- approx	OSSC	0.4 ha
Jajpur	Pulse	Greengram	TARM-1(CS)	To be harvested	Rs. 12,000/- approx	--	2 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	Onion	Bhima super, N-53	1,00,000	10,000	13	0.4
Jajpur	Seedling	Papaya	CO-2	222	1000	4	0.1
Jajpur	Seedling	Capsicum	California wonder	15500	7,750	5	0.4

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Jajpur	Seedling	Pointed guard	Swarna Alaukik	200	1600	2	0.06
Jajpur	Seedling	Tomato	Swana Sampad	15000	7500	13	0.4
Jajpur	Seedling	Cauliflower	White contesa	500	250	2	0.01
Jajpur	Seedling	Cabbage	Pusa drum head	500	250	2	0.01
Jajpur	Seedling	Brinjal	H-1322	500	250	2	0.01
					28600		

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	20 qtl.		Rs.9,600/-	10	

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	Table Fish	1.36 qtl	15,410/-	45
Jajpur	Poultry	Vanaraja & rainbow rooster	Developed chick	4610 nos.	1,69,505/-	124
Jajpur	Mushroom	V. volvaceae P. Sajorcaju	Mushroom	1qtl. 2.2 qtl.	10000	35 128
Jajpur	Mushroom spawn	P. Sajorcaju	Mushroom spawn	1000 bottle	12000	25

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)
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Jajpur	Functional	June 2013	Soil sample	848				
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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	-	-	-	-	-	-	-	-

10. 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/ST Participants		
					Male	Female	Total	Male	Female	Total
Jajpur	-	-	-	-	-	-	-	-	-	-

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	Soil testing and soil health management	30 days	33	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	2010	2012	2	Nil	Old quarter are not habitable condition

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Jajpur	14.07.2015	30	1.For conducting demonstration on farm implements involvement of company personnel, officers of line dept and farmers.

			2.On farm trial on assessment of tractor drawn M.B. plough and disc plough to be conducted is essential for larger adoption and spread of the technology.
			3.New molecule regarding pest control to be assessed against resistant species like BPH in rice.
			4.Field day should be conducted in each demonstration involving Govt. official spread for horizontal of technology.
			5.Involvement SHG members for capacity building training on poultry rearing.
Jajpur	18.12.2015	35	1.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.
			2.Post harvest technology on cereals, Pulse, vegetables, fruits and mushroom should be conducted jointly by scientist of Home science and Agril. Engg discipline.
			3.Small tools and implements should be purchased under revolving fund for popularizing the same in demonstration programme.
			Drip irrigation trial must be conducted jointly by scientist of Horticulture and Agril. Engg. discipline.
			The protein content of mushroom is to be analyzed.
			Study on Binjharpur cattle draft capacity should be made to draw inference and comparison with farm machinery.

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	137	4486			Pest and Disease management, Nutrient management, Production management, Awareness , animal sc. Mushroom cultivation, vegetable, oilseed crops

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	78,800/-	Pre-Kharif farmers fair	Bhubaneswarpur, block-Jajpur	
Jajpur		ICAR	80,000/-	Rabi farmers fair cum soil health day	KVK, Campus	
Jajpur		ICAR	78,800/-	Awareness programme on PPV & FRA 2001	Dihakurasa, block-Rasulpur	

Jajpur		state		Work shop on value chain analysis	KVK, Campus	
Jajpur	ATMA	state		Participated in Zilla Krushi Mohastav	Jajpur district	
Jajpur	RKVY(BGREI)	state	20,000/-	Monitoring and training for farmers field visit and attended	Jajpur district	
Jajpur	Watershed mission	State	4,39,500/-	Training, Practical and exposure visit	KVK, Jajpur district and Soil testing labrotory of OUAT	
Jajpur	KVK	State		Celebration of technological week	Jajpur district	
Jajpur	KVK	State,OUAT	37,500/-	AES visit for C-DAP report preparation	Bari, Korei, Binjharpur	
Jajpur	Directorate of CID-PIM	State		Panipanchyat fort night	Jajpur district (Block-Badachana, Dharmasala, Rasulpur)	
Jajpur	National Live stock Mela	State		Live stock Mela	Baliapal, Block-Bari	
Jajpur	RKVY	State		Skill opgradation training	Badachan, Dharmasal, Rasulpur, Bari, Danagadi	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
	32039806804	3,67,510/-	60,953/-	60,953/-

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Jajpur	Laxmidhar Rout	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.)
1	Jajpur	Yes	ZPD,Tweleth plan

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
	Crop Cafeteria	Yes
	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.

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	Pre kharif farmers fair 19.06.2015	500
2	University foundation day 24.08.2015 at OUAT	200
3	Workshop on agri value chain analysis, 15.10.2015	50
4	World food day celebration, 16.10.2015	50
5.	Celebration in women in agriculture day ,4.12.2105	25
6.	Rabi farmers fair the eve of world soil health day 05.12.2015	650
7.	Pani panchyat fourght night celebration 9.01.2016	150
8.	Zilla krushi mohastave, 26.02.2016 to 27.02.2016	2000
9.	Awariness programee on protection on plant varieties and farmers right act,2.03.2016	213
10	State level Krushi mohastav at Biju Pattnaik ground, BBSR, 11.03.2016 to	2500

	14.03.2016	
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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.

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	Prof. S.K. Rout, DEE, OUAT	18.12.2015		SAU		Participated in 12 th SAC meeting
Jajpur	Prof. S.K. Rout, DEE, OUAT	03.12.2015		SAU		Official visit
Jajpur	Prof. S.K. Rout, DEE, OUAT	3.9.2015		SAU		Official visit
Jajpur	Dr. Anupam Mishra, ZPD	5.10.2015	ICAR			Official visit
Jajpur	Dr. S.R.K. Singh ZPD	13.03.2016	ICAR			Official visit
Jajpur	Prof. Manoranjan Kar, Hon'ble Vice chancellor	05.12.2015		SAU		President on the occasion of Rabi farmers fair and World soil health day
Jajpur	Mr. Amar Prasad	5.12.2015			Others	Guest of Honour on the

	Satpathy Hon'ble MLA					occasion of Rabi farmers fair and World soil health day
Jajpur	Mrs. Rita Tarai Hon'ble MP	05.12.2015			Others	Chief guest on the occasion of Rabi farmers fair and World soil health day
Jajpur	Prof. M. Khalid Khan, DEE, OUAT	02.03.2016		SAU		President of on the occasion of awareness programme on protection of plant varieties and farmers right act.
Jajpur	Prof. Damodar Parida, Convener, IPR Cell-Cum-ADR Seeds, D/R, OUAT, Bhubaneswar	02.03.2016		SAU		awareness programme on protection of plant varieties and farmers right act.
Jajpur	Prof. S.R. Dash Emeritus, Dept. of PBG, OUAT, Bhubaneswar	02.03.2016		SAU		awareness programme on protection of plant varieties and farmers right act.
Jajpur	Prof. Kedaraswar Pradhan, Dept of Plant breeding , OUAT, BBSR	02.03.2016		SAU		awareness programme on protection of plant varieties and farmers right act.
Jajpur	Dr. S.C. Mohapatra	02.03.2016		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	15	156

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	-	-	-	-	-	-	-

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	Mr. B.K Routray	Scientist (Plant Protection)	IPM programme in important crops at Jabalpur Zone-VII from 16.04.2015 to 17.04.2015	Attended
Jajpur	Mr. S. Dash	Scientist (Soil Sc.)	Review cum action plan workshop on Soil fertility management at Bhopal from 21.04.15 to 22.04.2015	Attended
Jajpur	Dr. P.K Padhi	PA (Vety Sc.)	Review cum action plan workshop on livestock production at Jabalpur from 01.05.15 to 02.05.2015	Attended
Jajpur	Dr.(Mrs.) T.Pattnaik	Senior Scientist & Head	Action plan workshop 2015-16 at DEE 18.05.2015 to 19.05.2015	Attended
Jajpur	Mrs. M. Bhola	Scientist (Home Sc.)	Capacity building programme of SMS(Home Science) at Ujjain from 25.06.15 to 27.06.2015	Attended

Jajpur	Dr.(Mrs.) T. Pattnaik	Senior Scientist & Head	9 th National Conference at Patna from 25.07.15 to 26.07.2015	Attended
Jajpur	Mr. B.K Routray	Scientist (Plant Protection)	9 th National Conference at Patna from 25.07.15 to 26.07.2015	Attended
Jajpur	Mrs. M. Bhola	Scientist (Home Sc.)	9 th National Conference at Patna from 25.07.15 to 26.07.2015	Attended
Jajpur	Dr.(Mrs.) T. Pattnaik	Senior Scientist & Head	Zonal Work shop at Ujjain from 09.09.2015 to 11.09.2015	Attended
Jajpur	Dr.(Mrs.)T. Pattnaik	Senior Scientist & Head	Workshop on cluster demonstration at DEE 6.10.2015 to 7.10.2015	Attended
Jajpur	Mrs. D. Patra	Scientist (Home Sc.)	Training – cum- workshop for Home Scientist on 25-26 February, 2016 at Chitrakoot	Attended
Jajpur	Mrs. B.L Mohanta	Scientist (Agril Engg.)	Sensitization training cum Workshop “Recent Agricultural Engineering technologies” from 29 th Feb, to March 3, 2016 at Bhopal	Attended
Jajpur	Mr. B.K. Routray	Scientist(Plant Protection)	Action plan workshop 2015-16 AT DEE 18.05.2015 to 19.05.2015	Attended
Jajpur	Mr. B.K. Routray	Scientist(Plant Protection)	Workshop on cluster demonstration at DEE 6.10.2015 to 7.10.2015	Attended
Jajpur	Dr.(Mrs.) T. Pattnaik	Senior Scientist & Head	Review meeting on soil Health card at DEE preparation 30.10.2015	Attended
Jajpur	Mr. S.Dash	Scientist (Soil Sc.)	Review meeting on soil Health card at DEE preparation 30.10.2015	Attended
Jajpur	Dr.(Mrs.) T. Pattnaik	Senior Scientist & Head	Zonal workshop on cluster demonstration at DEE 5.1.2015 to 6.1.2015	Attended
Jajpur	Mrs. B.Mishra	Scientist(Horticulture)	Training cum workshop at	Attended

			IIVR varanasi 9.8.2015 to 12.08.2015	
Jajpur	Mr. B.K. Routray	Scientist(Plant Protection)	Farmers fair cum exhibition bio diversity international Dhenkal 31.10.2015	Attended
Jajpur	Mr. B.K. Routray	Scientist(Plant Protection)	Farmers fair cum exhibition bio diversity international Koraput 07.11.2015 to 8.11.2015	Attended
Jajpur	Total	22	22	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Jajpur	22	22

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Jajpur	Dr.(Mrs.) T. Pattnaik	Senior Scientist & Head	Review meeting 29.04.2015 to 30.04.2015	Attended
Jajpur	Dr.(Mrs.) T. Pattnaik	Senior Scientist & Head	Rice crop management 08.04.2015	Attended
Jajpur	Dr.(Mrs.) T. Pattnaik	Senior Scientist & Head	HRD-cum-Review meeting 13.08.2015 to 14.08.2015	Attended
Jajpur	Mr. B.K. Routray	Scientist(Plant Protection)	Concurrent evaluation workshop on BGREI, and NFSM at DEE, 19.09.2015	Attended
Jajpur	Mrs. B.L. Mohanta	Scientist (Agril. Engg.)	HRD-cum-Review meeting 13.08.2015 to 14.08.2015	Attended
Jajpur	Mr. S. Dash	Scientist(Soil Sc.)	Review cum action plan workshop on rice technology at CRRRI cuttack 27.04.2015 to 28.04.2015	Attended

Jajpur	Mrs. B. Mishra	Scientist(Horticulture)	Workshop rice check extension approach in odisha 17.12.2015	Attended
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Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Jajpur	07	07

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	Mrs.M.Bhol	Scientist(Home Sc)	Strengthening gender prospective in Agriculture research at DRWA 01.09.2015 to 10.09.2015	Attended
Jajpur	Mrs. B.L. Mohanta	Scientist(Agril. Engg)	Entrepreneurship development for Augmenting rural prospective 3.06.2015 to 23.06.2015 at CTAE, Udayapur	Attended

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Jajpur	02	02

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

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 15.01.2016(vill-Prathamakhandi, Block- Rasulpur)	1	25	Crop
Jajpur	Vaccination camp on poultry bird on 16.01.2016 (Vill- Sorei, Block- Dharmasala)	1	40	Live stock
Jajpur	Animal Health Camp on 18.01.2016 (Vill- Keutalaguan, Block- Rasulpur)	1	32	Livestock
Jajpur	Method demonstration on use of women friendly implements on 19.01.2016 (Vill- Sankharidiha, Block- Jajpur)	1	25	Enterprise
Jajpur	Field visit on 20.1.2016 (vill- Brundadeipur, Block- Dharmasala)	1	25	Crop
Jajpur	Phospho-Sulpho Nitro compost pit on 21.01.2016 (vill-Dihakuransa, Block- Rasulpur)	1	25	

34. INTERVENTIONS ON DROUGHT MITIGATION

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

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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

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			
	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

SUCCESS STORY ON HI-TECH HORTICULTURE

1 Name of the Enterprise / Crop	Paddy –Vegetable, Groundnut, Floriculture
2. Name of the Farmer	Laxmidhar Rout
3. Address-	Village-Dihakuransa , Block –Rasulpur, Dist- Jajpur Contact No- 9938620039
4. Initial status / Practice of farmer before KVK intervention-	He was a resource ful farmers having 13 acers land. He was practicing traditional method of cultivation.
5. KVK Intervention	Training, exposure visit, demonstration,
6. Innovative extension approach & methodology adopted for implementation of KVK intervention	Capacity building of like farmers & farm women training on vegetable cultivation use of micro irrigation in vegetable. FLD & OFT
7. Adoption of improved practice by the farmers after KVK intervention	Use of quality seedlings improved variety use of micro irrigation system.

8. Physical/ Fiancial development over previous practice

SI No	Enterprise	Expenditure Rs per Annum	Gross Income (Rupees per annum)	Profit Rs .per Annum
1	Paddy (10 acre)	80,000/-	2,17,500/-	1,37,500/-

2	Groundnut(8 acre)	88,000/-	2,80,000/-	1,92,000/-
3	Vegetable (Rabi- 5 acre)	72,000/-	2,50,000/-	1,78,000/-
4.	Vegetable (Kharif- 3 acre)	45,000/-	1,72,000/-	1,27,000/-
5	Floriculture	6,000/-	22,000/-	16,000/-
	Total	2,91,000/-	Rs. 9,41,500/-	Rs. 6,50,500/-

9. Action photograph

		
Farmer in Okra Field	Farmer in Ridge gourd Field	KVK Intervention

10.Farmer's Reaction & Feedback: He is able to earn Rs 6, 50,500/- from his 13 acre of land.Maximum profit he is getting from vegetable cultivation.

11.Extent of Diffusion: After getting a good income from vegetable cultivation Mr. Laxmidhar Rout has motivated the other farmers to grow vegetable.

12.Follow up action:Field visit, monitoring and technical feed back by the KVK scientist.

13.Impact on other farmers: Now he has a successful entrepreneur and became a role model for other farmers.

SUCCESS STORY ON FARM MECHANISATION (Agro Service Center)

1 Name of the Enterprise / Crop	Farm Mechanisation(Agro Service Center)
2. Name of the Farmer	Ashok Das
3. Address-	Village-Arabala, Block –Dharamasala, Dist- Jajpur Contact No- 9853308149
4. Initial status / Practice of farmer before KVK intervention-	Mr. Das was having 4 acers of land in which he was growing paddy groundnut and vegetable in traditional method and he had a tractor.

5. KVK Intervention	Training, demonstration, linkage with farmers and supply of extension of literature
6. Innovative extension approach & methodology adopted for implementation of KVK intervention	Training linkage with market lead extension for income generation.
7. Adoption of improved practice by the farmers after KVK intervention	Initially he was using his tractor with cultivator for field preparation operation. After getting training demonstration he purchased tractor operated rotavator, seed cum fertilizer drill and groundnut thresher, now he is able to operate tractor operated seed cum fertilizer drill for 160 hr and groundnut thresher for 210 hr. in Jajpur district

8. Physical/ Financial development over previous practice:

Enterprise	Expenditure Rs per Annum	Gross Income(Rs. Per annum)	Profit Rs .per Annum
Tractor with Rotavator	a)Operator cost Rs 8,000/ per month for three months Rs. 24,000/ b)Fuel 5 lit /hour @ Rs. 52 for 550 hour=Rs.143000 c)Annual maintance Rs. 30,000/-	Total income Rs. 800/ hour for 550 hour= Rs.445000/-	Rs. 243000/-
Groundnut Thresher	a)Operator cost Rs 8,000/ per month for two months Rs. 16,000/ b)Fuel 3 lit /hour @ Rs. 52 for 210 hour=Rs.32760 c)Maintance Rs. 10,000/-	Rs. 1000 /hour for 210 hours = Rs.210000	Rs. 151240
Tractor with Seed drill	a)Operator cost Rs 8,000/ per month for two months Rs. 16,000/ b)Fuel 5 lit /hour @ Rs. 52 for 160 hour=Rs.41600	Rs. 800/ hour for 160 hour= Rs.128000/-	Rs. 70400/-
paddy	24,000/-	75,250/-	51,250/-
Groundnut	22,000/-	98,000/-	76,000/-

total	3,07,360/-	9,56,250/-	5,91,890/-
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9. Action Photograph.

		
Operating rotavator	Operating seed cum fertilizer drill	Operating groundnut thresher

10. Farmer's Reaction & Feedback: In Jajpur district due to un availability labour farmers are interested to use seed cum fertilizer drill for sowing groundnut seeds and to use groundnut thresher for threshing on pods from vine.

11. Extent of Diffusion: About 210 numbers of farmers of the district have adopted the technology for sowing groundnut seeds by seed cum fertilizer drill and about 115 no of farmers of the district have adopted the technology for threshing by groundnut thresher.

12. Follow up action: Field visit and technical feed back by the KVK scientist and linkage with other farmers.

13. Impact on other farmers: Now he has a successful entrepreneur and became a role model for other farmers and they are interested to purchase groundnut thresher as it saves time labour and cost.

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) –

	Assessment of tractor drawn seed cum fertilizer drill for sowing of paddy	Broadcasting of paddy leads to uneven plant population and difficulty in intercultural operation	
	Assessment of bullock drawn seed cum fertilizer for sowing of groundnut	Dropping groundnut seeds behind the plough is tedious and time consuming job	

	Assessment of drip irrigation in cabbage	In flood irrigation wastage of water is more		
	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		
	Management and use of different substrate in oyster mushroom cultivation			

	Assessment of Drudgery reduction by use of four row drum seeder by farm women		
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