



ANNUAL PROGRESS REPORT

April 2013 to March 2014

KVK, Jagatsinghpur

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Instructions for Filling the Format

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

REPORTING PERIOD – April 2013 to March 2014
Summary of KVK Annual Report (Quantifiable Achievement) for the year 2013-14

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	24	312	
	On Going OFT	2	18	
	Technologies assessed (Completed OFT)	22	221	
	Technologies refined	-		
	On farm trials conducted	24	239	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	26	260	
	On Going Frontline demonstrations	-	-	
	FLDs conducted on crops	20	176	
	Area under crops (ha.)	33.2	176	
	FLD on farm implement and tools	4	30	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	2	30	
	FLD on Fisheries - Finger lings	4	20	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	2	30	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	-	-	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	44	65	880
	Farm women	13	16	260
	Rural youth	13	29	260
	Extension personnel/ In service	6	10	70
	Vocational trainings	4	13	60
	Sponsored Training	2	2	125
	Total	82	135	1655
		No. of programmes	Participants	
4	Extension Programmes	397	7731	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	247		
	Planting material produced (nos.)	3595	343	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	-		
	Milk Yield - Cow, Buffelo etc. (in liter)	-		
	Fish (Kg.)	-		
	Fingerlings (nos.)	18 kg yearlings	6	
	Poultry-Eggs (nos.)	-		
	Ducks (nos.)	100	10	
	Chicks etc. (nos.)	1449	140	
	Rabbit+Kitten	1000	6	
7	Bio Products	Qty	Beneficiaries (nos.)	
	Bio Agents -Earth worm (Kg.)	-		
	Trichoderma (kg.)	-		
	Bio Fertilizers- Vermicompost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	602	8	
	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.)	4	Mass	
	KVK News letter	3	1500	
	SAC Meetings conducted	1	40	
	Soil sample tested	56	56	
	Water sample tested	10	10	
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	-	-	
	KVK-KMA (Message and beneficiaries)	90	1447	
	Convergence programmes	6	750	
	Sponsored programmes	2	125	
	KVK Progressive Farmers interaction	4	175	
	No. of Technology Week Celebrations	1	390	
	Attended HRD activities organized by ZPD	2	2	
	Attended HRD activities organized by DES	6	6	
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	4	4	
9	Current status of Revolving Funds (Amt. in Rs.)		2,79,810/-	
10		No. of blocks	No. of villages	
	Outreach of KVK in the District	8	50	
11		ICAR	SAU	Others
	No. of important visitors to KVK (nos.)	1	8	2
12		Working (Yes/No)	No. of Update	
	Status of KVK Website	Yes	5	
13		Application received	Application disposed	
	Status of RTI (nos.)	1	1	
14		Query received	Query dissolved	
	Citizen Charter (nos.)			
15		Working (Yes/No)	No. of programme viewed	
	E-connectivity	No	-	
16		Filled	Vacant	
	Staff Position	13	3	
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	5		
18	Publication received from ICAR /other organization (nos.)	7		
19		Particulars	Organization	
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	2 (Cyclone – Phailine,Flood)	ZPD,Zone-VII	

GENERAL INFORMATION

1.1. Staff Position (as on date) 31.03.2014

Summary of Staff position in KVKs on March, 2014

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Jagatsinghpur	16	1	1	6	5	3	2	6	5	16	13
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	
Jagatsinghpur	Programme Coordinator	Dr Nityananda Das	Fishery	Ph D	Fish Processing	15600-39100 + AGP 8000/-	16310	01.09.12	Temporary	Others	
Jagatsinghpur	Subject Matter Specialist1	Ashis Ku. Mohanty	Horticulture	M. Sc. (Ag.)	Horticulture	15600-39100 + AGP 6000/-	21390	14.01.2005	Temporary	Others	
Jagatsinghpur	Subject Matter Specialist2	Saswati Pattanaik	Home Science	MSc (Home Science)	CD & Family Welfare	15600-39100 + AGP 6000/-	21390	09.09.11	Temporary	Others	
Jagatsinghpur	Subject Matter Specialist3	Samir Ranjan Dash	Extension	M.Sc. (Ag)	Agril Extension	15600-39100 + AGP 6000/-	21390	10.01.13	Temporary	Others	
Jagatsinghpur	Subject Matter Specialist4	Arabinda Dhal	Plant Protection	M.Sc. (Ag)	Plant Pathology	15600-39100 + AGP 6000/-	21390	8.1.13	Temporary	Others	
Jagatsinghpur	Subject Matter Specialist5	Prabhat Chandra Pradhan	Agril Extension	M.Sc.Ag.Engg.	Soil water cons. Engg	15600-39100 + AGP 6000/-	17610	19.7.12	Temporary	Others	
Jagatsinghpur	Subject Matter Specialist6	Vacant	-	-	-	-	-	-	-	-	
Jagatsinghpur	Programme Assistant	Siba Prasad Mishra	Agriculture	B.Sc. (Ag.)		9300-34800 + AGP 4200/-	14120	01.07.05	Temporary	Others	
Jagatsinghpur	Farm Manager	Vacant			---				-	-	

Jagatsinghpur	Computer Programmer	Samir Kumar Pattanaik	Comp Sc	MCA		9300-34800 + AGP 4200/-	12430	14.9.12	Temporary	Others
Jagatsinghpur	Accountant / superintendent	Vacant-	-	-	-	--	-	-	-	-
Jagatsinghpur	Stenographer	Babuli Sahoo		B.Sc.		5200 - 20200 +GP 2400	6980	03.07.07	Temporary	Others
Jagatsinghpur	Driver	Pradipta Kumar Barik		9 th class		5200-20200 +1900 GP	6600	04.08.08	Temporary	Others
Jagatsinghpur	Driver	Biswonath Parida		9 th class		5200+1900 GP	5870	14.11.13	Temporary	Others
Jagatsinghpur	Supporting staff	Kashinath Bihari		5 th Class		4400-7400+1300 GP	5380	19.12.07	Temporary	Others
Jagatsinghpur	Supporting staff	Urbasi Nayak		5 th Class		4400-7400+1300 GP	5380	22.12.07	Temporary	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
Jagatsinghpur	East & South East coastal plain zone	08	196	1058894	87.13%	SC-2228889 ST-8640	116458	1.2ha

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)
Jagatsinghpur	Gamhapur	2011	Raghunathapur	40 km	618	512
Jagatsinghpur	Tulanga	2012	Tirtol	24 kms	680	125
Jagatsinghpur	EriKundala	2012	Tirtol	9 kms	368	65
Jagatsinghpur	Majhisahi	2013	Kujanga	24 kms	380	72
Jagatsinghpur	Sainto	2013	Jagatsinghpur	38kms	560	150

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

KVK Name	THRUST AREA
Jagatsinghpur	Management of saline soil
Jagatsinghpur	IPM in rice
Jagatsinghpur	Popularization of scented rice
Jagatsinghpur	Introduction of high yielding varieties of vegetables and pulses
Jagatsinghpur	Use of plasticulture
Jagatsinghpur	Popularization of floriculture
Jagatsinghpur	IDM in betel vine
Jagatsinghpur	Fish pond management
Jagatsinghpur	Agro based micro enterprises
Jagatsinghpur	Empowerment of SHGs through agro enterprise
Jagatsinghpur	Use of bio-fertilizers and bio-pesticides
Jagatsinghpur	Entrepreneurship development
Jagatsinghpur	Farm mechanization

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
Jagatsinghpur	Less return from paddy cultivation	Through Survey and PRA exercise	All over the district
Jagatsinghpur	Low yield in pulse	Through Survey and PRA exercise	All over the district
Jagatsinghpur	Low yield in fish farming	Through Survey and PRA exercise	All over the farm ponds in the district
Jagatsinghpur	Low milk yield in Dairy	Through Survey and PRA exercise	All over the district
Jagatsinghpur	Low yield in vegetables	Through Survey and PRA exercise	All over the district
Jagatsinghpur	Leaf blight and stem rot in betel vine	Through Survey and PRA exercise	Ersama, Kujanga and Tirtol blocks
Jagatsinghpur	Low yield in mushroom	Through Survey and PRA exercise	Jagatsinghpur, Tirtol, Ersama, Kujanga
Jagatsinghpur	Less availability of inputs like seed fertilizer and fingerlings	Through Survey and PRA exercise	All over the district
Jagatsinghpur	Underutilization of marine fish	Through Survey and PRA exercise	Kujanga, Ersama
Jagatsinghpur	Low yield due to use of local varieties	Through Survey and PRA exercise	All over the district

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)	FP (T ₁)	RP (T ₂)	
Jagatsinghpur	2013	Kharif	Low return from existing rice varieties	Assessment of scented rice variety Nua Kalajeera	Assessment	Varietal evaluation	Paddy	Rainfed	13	22.7	32.4	7105	19836	Scented var. Nua Kalajeera gives 425 higher yield over local cultivar.
Jagatsinghpur	2013	Kharif	Leaching loss of urea fertilizer in low land rice	Assessment of Nimin coated urea (10ml/kg) to minimize the loss of urea in low land paddy	Assessment	Integrate nutrient management	Paddy	Rainfed	13	44.6	48.1	17430	20645	Application of Nimin coated urea check leaching loss of urea and increases of yield of paddy.
Jagatsinghpur	2012	Kharif	Heavy weed infestation and manual weeding incurs high cost	Assessment of Metribuzin for weed management in Sugarcane	Assessment	Integrated weed management	Sugarcane	Irrigated	06	930.0	1020	105025	128600	Metribuzin is very effective in controlling weed sugarcane

Jagatsinghpur	2012	Kahrif	Low yield in sugarcane	Assessment of sugarcane intensification	Assessment	Integrated Crop Management	Sugarcane	Irrigated	03	980	1260	121463	194888	Planting of sugarcane in intensification method increases of yield up to 28.5%
Jagatsinghpur	2013	Kharif	Low yield due to incidence of blast in Rice	Assessment of Trichoderma and Tricyclazole for management of blast in rice	Assessment	Integrated disease Management	Rice	Rainfed	13	38.8	44.9	17,900	22,925	Seed treatment with Trichoderma @ 5g/kg of seed and two sprays of Tricicloazole @ 1ml/ltr at 10 days interval after initiation of disease is effective to reduce blast in rice
Jagatsinghpur	2013	Kharif	Low yield due to infestation of BPH in rice	Assessment of Buprofezin for management of BPH in Rice	Assessment	Integrated Pest Management	Rice	Rainfed	13	39.1	44.7	18275	22,975	Drying of field temporarily and applying Buprofezin @ 2ml/ltr is effective in management of BPH.
Jagatsinghpur	2013-14	Rabi	Low yield in Okra due to YVM disease	Assessment of Imidacloprid and neem oil against YVM of Okra	Assessment	Integrated Pest Management	Okra	Irrigated	13	122	145	33100	43600	Seed treatment with imidacloprid @ 7gm/kg of seed and spearing neem oil @ 4ml/ltr is effective in reducing YVM in Okra.
Jagatsinghpur	2013-14	Rabi	Low yield in cauliflower due to caterpillar infestation	Assessment of IPM measure against tobacco caterpillar in cauliflower	Assessment	Integrated Pest Management	Cauliflower	Irrigated	13	248	325	1,06,500	1,48,400	Installing pheromone trap @ 8nos/acre and alternate spray of BT (2gm/ltr) with Cypermethrin (10EC) @ 2ml/ltr is effective in managing caterpillar infestation in cauliflower

Jagatsinghpur	2013	Kharif	Low yield in brinjal due to bacterial wilt	Assessment of Wilt resistant Brinjal variety "Arka Keshav"	Assessment	Varietal evaluation	Brinjal	Rainfed	13					No yield obtained due to failure of the crop as affected by "Phailin".
Jagatsinghpur	2013	Kharif	Low yield in brinjal	Assessment of Integrated Nutrient Management in brinjal	Assessment	Integrated Nutrient Management	Brinjal	Rainfed	13					No yield obtained due to failure of the crop as affected by "Phailin".
Jagatsinghpur	2013-14	Rabi	Low yield from local variety	Assessment of French bean variety "Pusa Parvati"	Assessment	Varietal evaluation	French bean	Irrigated	13	48.6	57.4	45300	61600	The yield of French bean variety "Pusa Parvati" is 18% more than the local cultivar. This variety has greater demand in market due to its tenderness.
Jagatsinghpur	2013-14	Rabi	Low yield from local variety	Assessment of watermelon variety "Arka Jyoti"	Assessment	Varietal evaluation	Watermelon	Irrigated	13	268.6	328.2	106360	138720	The yield of watermelon variety "Arka Jyoti" is 22% more than the yield of the variety "Sugar baby". This variety has greater demand in market due to its sweetness.
Jagatsinghpur	2013	Kharif	Damage of seedling due to adverse weather condition	Assessment of low tunnel for seedling raising	Assessment	Protected cultivation	vegetables	Irrigated	5	-	-	580/- per unit per season	1400/- per unit per season	Low tunnel is recommended to raise seedlings in rainy season
Jagatsinghpur	2013-14	Rabi	Manual weeding incurs High labour cost	Assessment of twin wheel hoe in tomato	Assessment	Farm mechanisation	Tomato	Irrigated	5	288	320	68000	86520	Twin wheel hoe is less intensive & time consuming

Jagatsinghpur	2013-14	Rabi	Operation of Power Thresher is affected due to interrupted power supply	Assessment of power tiller operated axial flow thresher	Assessment	Farm mechanisation	Rice	Irrigated	5	1.5 quintal/hr	5 quintal/hr			Threshing capacity is more as compared to power operated thresher
Jagatsinghpur	2013-14	Rabi	Improper water management	Assessment of sugarcane in drip irrigation	Assessment	Water management	Sugarcane	Irrigated	5	-	-	-	-	On going
Jagatsinghpur	2013-14	Rabi	Shelf life dry fish is only one month	Assessment of use of preservatives in salted and dried fish	Assessment	Value addition	Enterprise	House hold situation	13	Shelf life of salted and dried fish 1 month	Shelf life of salted and dried fish 6 months	38/ kg fish	63/kg fish	Use of preservatives as Sodium benzoate@0.25% and sodium dihydrogen phosphate @1.5% and Potassium sorbate @0.5% of total salt
Jagatsinghpur	2013-14	Kharif	Heavy mortality of <i>Penaeus monodon</i> due to White spot disease in shrimp pond	Assessment of resistant variety <i>Litopenaeus vannamei</i> in shrimp pond	Assessment	Varietal evaluation	Fish	Pond based	5	37.5	75	8.75 lakh	20lakh	Stock PL of <i>Litopenaeus.vanna mei</i> in shrimp pond @25/sq.m
Jagatsinghpur	2013-14	Kharif	Less profit with IMC in fish pond	Assessment of additional stocking of medium carp with IMC	Assessment	Production and Management	Fish	Pond based	5	40	56	2,40,000	3,40,800	Stock medium carp fingerlings @8000/ha and IMC fingerlings also @ 8000/ha and harvest all medium carp after 4 months

Jagatsinghpur	2013-14	Kharif	High feed cost in fish farming	Assessment of reduced percentage of protein based feed for grow out carp culture	Assessment	Feed Management	Fish	Pond based	5	62.5	60	3,57,156	4,02,962	Application of feed should be 26% for 4 months and next 4 months should be 20%
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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)
Jagatsinghpur	Assessment of scented rice variety Nua Kalajeera	No of grains,/ Panicle	92	118	26945	28764	-	34050	48600	-	70105	19836	-	1.3	1.7	-
Jagatsinghpur	Assessment of Nimin coated urea (10ml/kg) to minimize the loss of urea in low land paddy	No of grains,/ Panicle	110	146	38320	39480	-	55750	60125	-	17430	20645	-	1.4	1.5	-
Jagatsinghpur	Assessment of Metribuzin weed management in Sugarcane	No of weed count @ 30 DAP	12	04	90275	85600	-	195300	214200	-	105028	128600	-	2.2	2.5	-
Jagatsinghpur	Assessment of sugarcane	No of tillers	09	13	84337	69712	-	205800	264600	-	121463	194888	-	2.4	3.8	-

	intensification															
Jagatsinghpur	Assessment of Trichoderma and Tricyclazole for management of blast in rice	Disease incidence (%)	22.2	4.5	30,600	33,200		48500	56125		17900	22925		1.58	1.69	
Jagatsinghpur	Assessment of Buprofezin for management of BPH in Rice	No of hoppers/hi ll	14.0	1.5	30,600	32,900		48,875	55,875		18,275	22,975		1.59	1.70	
Jagatsinghpur	Assessment of Imidacloprid and neem oil against YVM of Okra	Plants Infected(%)	18.5	3.0	40,100	43,400		73,200	87,000		33,100	43,600		1.82	2.0	
Jagatsinghpur	Assessment of IPM measure against tobacco caterpillar in cauliflower	Curds infested (%)	8.4	1.2	42,300	46,600		1,48,800	1,95,000		1,06,500	1,48,400		3.51	4.18	
Jagatsinghpur	Assessment of Wilt resistant Brinjal variety "Arka Keshav"	Plant height(cm) at 60 DAP	54.20	61.56	-	-	-	-	-	-	-	-	-	-	-	-
		No. of branches/plant at 60 DAP	13.20	16.02	-	-	-	-	-	-	-	-	-	-	-	-
Jagatsinghpur	Assessment of Integrated Nutrient Management in brinjal	Plant height(cm) at 60 DAP	52.76	56.38	-	-	-	-	-	-	-	-	-	-	-	-
		No. of branches/plant at 60 DAP	11.40	13.75	-	-	-	-	-	-	-	-	-	-	-	-
Jagatsinghpur	Assessment of French bean variety "Pusa Parvati"	Plant height(cm) at 60 DAS	46.8	52.6	51900	53200		97200	114800		45300	61600		1.87	2.15	
		No. of branches	6.17	8.33												
		No. of pods/plant	21.40	33.70												
Jagatsinghpur	Assessment of watermelon variety "Arka Jyothi"	Vine length(cm) at 90 DAS	159.46	186.67	54800	56200		107440	131280		52640	75080		1.96	2.33	
		No. of fruits/vine	2.17	3.23												

		M:F (sex) ratio	5.97	4.63												
Jagatsinghpur	Assessment of low tunnel for seedling raising	Percentage of germination	60%	80%	920/season	1100/season	-	1500/-	2500/-		580/-	1400/-		1.6	2.2	
Jagatsinghpur	Assessment of twin wheel hoe in tomato	Labour use for weeding	25MD	08MD	76000	73858	-	144000	160000		68000	86520		1.8	2.1	
Jagatsinghpur	Assessment of power tiller operated axial flow thresher	Threshing capacity	1.5 quintal/hr	5 quintal/hr	33500	32240	-	52500	53500		19000	20010		1.55	1.6	
Jagatsinghpur	Assessment of sugarcane in drip irrigation	Water use efficiency	On going				-	-	-		-	-		-	-	-
Jagatsinghpur	Assessment of use of preservatives in salted and dried fish	Bacterial count of skin/cm ²	10 ⁴	10 ²	82/kg of fish	87/kg of fish	-	120/ kg fish	150/kg fish		38/ kg fish	63/kg fish		1.46	1.7	-
Jagatsinghpur	Assessment of resistant variety <i>Litopenaeus vannamei</i> in shrimp pond	Growth of shrimp in 3 month	22 g	28 g	6.25 lakh	17.5 lakh	-	15 lakh	37.5 lakh		8.75	20 lakh		2.4	2.14	
Jagatsinghpur	Assessment of additional stocking of medium carp with IMC	Avg. Growth of IMC	710	700	200000	270000		440000	6,10,800		240000	3,40,800		2.2	2.26	
Jagatsinghpur	Assessment of reduced percentage of protein based feed for grow out carp culture	Avg. growth of fish	780	750	3,30,344	257038		687500	660000		357156	402962		2.08	2.56	

2.3 Information about Home Science OFT:

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
Jagatsinghpur	2013-14	Kharif	Unavailability of gram flour & costly input	Assessment of alternative additives in paddy straw mushroom	Assessment	Income generation activity	Use of wheat bran in place of gram flour as an additive in paddy straw mushroom which decreases the cost of production and good yield	Wheat the cheapest source of additive in paddy straw mushroom substrate. It decreases the cost of production while not hampering the production.	Enterprise situation	13	Wheat bran can be used as additive in paddy straw mushroom cultivation in place of gram flour
Jagatsinghpur	2013-14	Rabi	Low yield of oyster mushroom (P.Sajorcaju) during peak winter	Assessment of oyster mushroom var.Hypsizygus ulmarius in winter season	Assessment	Small scale income generative activates	Cultivation of Hypsizygus ulmarius in winter season (120 ^o -150 ^o C) by using paddy straw as substrate and whole wheat as additive . color of buds are blue.	Very good yield during peak winter i.e Avg.2.1kg /bed. Blue in color and it fades when the buds grow older.	Enterprise situation	13	Hypsizygus ulmarius suitable variety in peak winter in Jagatsinghpur district.
Jagatsinghpur	2013-14	Rabi	Drugery during manual winnowing	Assessment of power operated winnower	Assessment	Drudgery reduction	Measurement of working heart rate (beat/min), energy expenditure (kj/min), ODR of women worker	Power operated winnower has adavanstatges over hand operated winnower in	Farming	13	Winnower is easier is power operated winnower than manual winnower.

							working at power operator winnower and comparing the same with manual winnower.	terms of efficiency, drudgery, less energy expenditure. Thus resulting saving in labour and time.			Women suggested for special dress during winnowing as they feel hazardous that any accident may happen due to lose sari
Jagatsinghpur	2013-14	Rabi	Comparatively low egg production from Banaraja bird in backyard	Assesment of Gramapriya as backyard boulrty	Assessme nt	Small scale income generat ive activate s	Gramapriya breed is very suitable for backyard a specially for egg production. Proper Brooding, feed management, vaccination, medication, deworming and proper hygiene is maintained for good egg production	Egg production 220 /year .1500-1800gm of body weight at laying stage , ASM - 20-22 weeks	Enterpri se situation	13	Gramapriya breed is recommended for egg production in backyard sution.

2.4 Economic Performance Home Science OFT:

KVK name	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		Savings in Rs	BC ratio		
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2				
Jagatsinghpur	Assessment of alternative additives in paddy straw mushroom	-	-	-	-	-	-	-	-	-	-	162.5kg/130bed	195kg/130beds	7150	5850	16250 @Rs.100/kg	Rs.19500	1.25kg/bed	1.5kg/bed	9100	13650	4550	3.33		
Jagatsinghpur	Assessment of oyster mushroom var. <i>Hypsizygus ulmarius</i> in winter season	-	-	-	-	-	-	-	-	-	221kg/130beds	273kg/130beds	4550/130beds (@Rs.45/bed)	4550/130beds (@Rs.45/bed)	11050 @Rs.50/kg	Rs.13650	1.7kg/bed	2.1kg/bed	6500	9100	2600	3			
Jagatsinghpur	Assessment of power operated winnower	50kg/hr	3qt/hr	22.8	6.89	133	98.2	-	73.8	-	50%	50kg/hr	3qt/hr	3000	9900	-	-	50kg/hr	3qt/hr	-	800/- (4 labours)	Rs2700	-		
Jagatsinghpur	Assesment of Gramapriya as backyard poultry	-	-	-	-	Ongoing	-	-	-	-	-	1.5kg/bird/150 days	1.7kg/150 days/bird	700	700	2850(Rs.2250, Rs.600 (16 eggs/bird)	3350{2550, Rs.800(20 eggs/bird/mont)}	1.8kg/65 days, 1.8kg/40 days	1.8kg/65 days, 1.8kg/40 days	2150/10 birds	2650/10 birds	500	4.78		

															/month}}	r	/year									
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2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Jagatsinghpur	Research for high temperature tolerant varieties (suitable for summer season) of French bean is needed for round the year cultivation.
Jagatsinghpur	Flower drop and premature fruit drop is a problem in watermelon due to lack of pollination, so research should be emphasized on production of gynodioecious varieties. More numbers of seedless varieties may be developed for commercial cultivation.
Jagatsinghpur	Fertilizer management particularly nitrogen application may be standardised for blast prone rice growing areas

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
Jagatsinghpur	Paddy	Varietal introduction	Introduction of HYV paddy variety Varshadhan in low land situation	Field day, Trainings, Group discussion, Night meetings, booklets-leaflets, CD show, Seed village programme	90	780	450
Jagatsinghpur	Paddy	Varietal introduction	Introduction of HYV paddy variety Manaswini in medium land situation	Trainings, Group discussion, Night meetings, booklets- leaflets, CD shows, Seed village programme	06	30	25
Jagatsinghpur	Paddy	Varietal introduction	High yielding rice in medium to low land situation var. Pratikshya	Trainings, Group discussion, Night meetings, booklets-leaflets, CD shows,	08	72	140
Jagatsinghpur	Rice	Varietal introduction	Package demonstration of scented rice var. Ketakijuha	Demonstration, Group Discussion	03	20	15
Jagatsinghpur	Brinjal	Varietal evaluation	Cultivation of wilt resistant variety of brinjal "Utkal Keshari"	Demonstration, Training, Field visit	08	54	32
Jagatsinghpur	Papaya	Varietal evaluation	High yielding papaya cultivation	Training exposure visit, literature	08	24	9.4
Jagatsinghpur	Cauliflower	Integrated Nutrient Management	INM in cauliflower	Field visit, Training, Exposure visit	07	82	16.8

Jagatsinghpur	Marigold	Varietal evaluation	Introduction of marigold	Training, Field visit	05	65	9.0
Jagatsinghpur	Banana	Integrated Nutrient Management	Cultivation of Tissue cultured banana	Field visit, Training , Exposure visit	06	18	2.6
Jagatsinghpur	Banana	Integrated Nutrient Management	Cultivation of Tissue cultured banana	Field visit, Training , Exposure visit	04	12	4.8
Jagatsinghpur	Rice	Integrated Pest Management	Need based pesticide application	ID, field day, training, exposure visit	08	82	162
Jagatsinghpur	Brinjal	Integrated Pest Management	Neem based pesticide application to control fruit shoot borer in brinjal	Training, GD, demonstration	03	14	3.2
Jagatsinghpur	Betel vine	Integrated Disease Management	Spraying bordeaux Mixture to manage leaf and stem blight in betel vine	GD, field visit, Training, demonstration	09	17	
Jagatsinghpur	Rice	Integrated Disease Management	Management of Sheath blight disease in rice	GD, field visit, Training, demonstration	12	38	8.0
Jagatsinghpur	Groundnut	Integrated Nutrient Management	Groundnut cultivation	GD, Field visit, Training	06	44	32
Jagatsinghpur	Greengram, Blackgram	Integrated Nutrient Management	Green gram & Black gram cultivation	Training, Extension Functionaries	04	42	14
Jagatsinghpur	Vegetables	House Hold Food Security	Nutritional gardening	GD, field visit, demonstration	02	12	1.2
Jagatsinghpur	Fish	Composite fish culture	Composite fish farming	GD, Field visit, Field day, CD show, Demonstration	17	65	13
Jagatsinghpur	Fish	Integrated fish farming	Poultry-cum-pisciculture	GD, Field visit, Field day, CD show, Demonstration	09	18	4
Jagatsinghpur	Mushroom	Mushroom cultivation	Bed method, use of spawn, sterilization	GD, Field visit, Field day, CD show, Demonstration	11	20	400
Jagatsinghpur	Mushroom	Mushroom cultivation	Bag method, use of spawn, sterilization	GD, Field visit, Field day, CD show, Demonstration	06	15	480
Jagatsinghpur	Vegetable	Vegetable cultivation	Proper layout, crop rotation, waste utilization	GD, Field visit, Field day, CD show, Demonstration	04	12	0.24
Jagatsinghpur	Groundnut thresher	Drudgery reduction	Threshing groundnut by pedal operated groundnut thresher	GD, Field visit, Field day, CD show, Demonstration	03	5	-

Note-

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

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

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3.2 Details of FLDs implemented

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)		S C	S T	Other s	Gener al	Total
Jagatsinghpur	2013	Kharif	Varietal substitution	Rice variety Luna Subarna under saline mid-land situation	Rice	Luna Subarna	2.0	31.3	42.5	35				6	6
Jagatsinghpur	2013	Kharif	Weed management	Application of herbicide Metsulfuron+ Chloromuron(Almix) @ 20gm/ha at 15 DAT in transplanted paddy	Rice	CR-1018	2.0	39.3	45.7	16				5	5
Jagatsinghpur	2013	Kharif	Integrated disease Management	Seed treatment with- Vitavax@2g/kg seed & spraying Validamycin@ 3ml/ltr to control Sheath blight disease in paddy	Rice	Ranidhan	2.0	35.8	43.6	21.7	1	-	4	5	10

Jagatsinghpur	2013-14	Rabi	Integrated disease Management	Seed treatment with- Vitavax@2g/kg seed & spraying Saaf@ 2gm/ltr to control collar rot disease in ground nut	Ground nut	TMV-2	2.0	13.2	16.5	25.0	1	-	3	6	10
Jagatsinghpur	2013-14	Rabi	Integrated Pest Management	Spraying with monocrotophos@ 1ltr/ha in management of pod borer in green gram	Green gram	Local (Jhainmung)	2.0	5.2	7.4	42.3	-	-	3	7	10
Jagatsinghpur	2013-14	Rabi	Integrated Pest Management	Spraying of Prophenphos@ 2ml /ltr for controlling leaf minor infestation in cucumber	Cucumber	Suprava	2.0	252	298	18.0	-	-	4	6	10
Jagatsinghpur	2013	Kharif	Weed Management	Demonstration of herbicide Oxyflurofen (Zargon) in brinjal	Brinjal	Utkal Tarini	1.0	No results obtained due to the crop affected by "Phailin"	No results obtained due to the crop affected by "Phailin"	-	3	-	4	6	13
Jagatsinghpur	2013	Kharif	Varietal evaluation	Demonstration of baby corn Hybrid "HM-4"	Baby corn	HM-4	1.0	37.2	20.8	(-)48.25	-	-	4	9	13

Jagatsinghpur	2013-14	Rabi	Varietal evaluation	Demonstration of Pointed gourd var. "Swarna Alaukik"	Pointed gourd	Swarna Alaukik	0.2	Results awaited	Results awaited		2	-	3	5	10
Jagatsinghpur	2013-14	Rabi	Integrated crop Management	Demonstration of Plant growth regulator(Ethrel) in pumpkin	Pumpkin	Guamala	1.0	294.8	332.4	12.75	3	-	2	8	13
Jagatsinghpur	2013-14	Kharif	Farm Mechanization	Demonstration of self propelled paddy transplanter	Paddy	Self propelled paddy transplanter	2.0	40q/ha	44q/ha	10%				05	05
Jagatsinghpur	2013-14	Kharif	Farm Mechanization	Demonstration of paddy power weeder	paddy	Power weeder	1.0	43.2q/ha	45q/ha	4%				05	05
Jagatsinghpur	2013	Rabi	Farm Mechanization	Demonstration of sugarcane stripper	Sugarcane	Sugarcane stripper	1.0	0.4q/hr	0.60q/hr	50%				10	10
Jagatsinghpur	2013	Rabi	Farm Mechanization	Demonstration of power sprayer	Greengram	Power sprayer	1.0	16500 /	16060 /-	-2.7%				10	10
Jagatsinghpur	2012-13	Rabi	Farm mechanisation	Demonstration on sunflower threshing bench	Sunflower	Chitra	1.0	5.5kg/hr/per son	9kg/hr/per son	63.6				5	5

Jagatsinghpur	2013-14	Rabi	Varietal substitution	Demonstration of green gram var HUM-12, seed rate 20kg/ha, Rhizobium inoculation @20gm /kg seed, soil test based fertilizer application (20:40:20 NPK kg /ha) with need based plant protection measures	Green gram	HUM-12	5.0	6.2	8.1	30.6	100	1	4	15
Jagatsinghpur	2013-14	Rabi	Integrated nutrient management in Ground Nut	Demonstration of G Nut Var TMV-2, soil test based fertilizer application (20:40:40NPK kg /ha), Gypsone @250kg/ha, with need based plant protection measures	Ground Nut	TMV-2	5.0	14.60	19.20	31.5	120	2	6	20
Jagatsinghpur	2013-14	Kharif	Production and management	Demonstration on spawn rearing of Jayanti rohu	Fish	Jayanti rohu	0.5	17.5	22.5	28.57	-	-	6	6
Jagatsinghpur	2013-14	Kharif	Production and management	Demonstration on fresh water prawn (<i>Macrobrachium rosenbergii</i>) with IMC	Fish	<i>Macrobrachium rosenbergii</i>	1	Fish 40 q	Prawn 7.35 q Fish 25.5 q	- 21.76			5	5

Jagatsinghpur	2013-14	Kharif	Production and management	Demonstration on alternative feed management for grass carp	Fish	Grass carp	1	Cost of cultivation 200000	Cost of cultivation 181000	-9.5				5	5
Jagatsinghpur	2013-14	Kharif	Production and management	Demonstration on Desimagur cultivation in small pond	Fish	Desi magur	0.5	Unused	24	-				5	5

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)
Jagatsinghpur	Rice variety Luna Subarna under saline mid-land situation	Rice	Tillers no/hill	8	14	36460	39100	39125	53125	2665	14025	1.1	1.4
Jagatsinghpur	Application of herbicide Metsulfuron+ Chloromuron(Almix) @ 20gm/ha at 15 DAT in transplanted paddy	Rice	Weed count at 45DAT	05	02								
			Tiller no/hill	09	12	39200	36900	49125	57125	9925	20225	1.3	1.5

Jagatsinghpur	Seed treatment with– Vitavax@2g/kg seed & spraying Validamycin@ 3ml/ltr to control Sheath blight disease in paddy	Rice	Disease incidence (%)	12.8	1.6	28,800	32,900	44,750	54,500	15950	21,600	1.55	1.66
Jagatsinghpur	Seed treatment with– Vitavax@2g/kg seed & spraying Saaf@ 2gm/ltr to control collar rot disease in ground nut	Ground nut	Disease incidence (%)	14.6	2.5	21,500	23,400	59,400	74,250	37,900	55,350	2.62	3.10
Jagatsinghpur	Spraying with monocrotophos@ 1ltr/ha in management of pod borer in green gram	Green gram	Pods infected (%)	8.6	3.2	15,800	17,000	23,400	33,300	7,600	16,300	1.48	1.96
Jagatsinghpur	Spraying of Prophenphos@ 2ml /ltr for controlling leaf minor infestation in cucumber	Cucumber	Leaf infestation(%)	20.5	3.5	58,300	61,200	1,51,200	1,78,800	92,900	1,17,600	2.59	2.92
Jagatsinghpur	Demonstration of herbicide Oxyfluorfen (Zargon) in brinjal	Brinjal	Weed count at harvest/m ² (No.)	06	18	-	-	-	-	-	-	-	-
			Plant height(cm) at 60 DAP	53.65	59.76	-	-	-	-	-	-	-	-

			No. of branches/plant at 60 DAP	11.70	14.85	-	-	-	-	-	-	-	-	
Jagatsinghpur	Demonstration of baby corn Hybrid "HM-4"	Babycorn	Plant height(cm) at 60 DAP	195.91	173.12	27500	30600	37200	62400	9700	31800	1.35	2.03	
			No. Of cobs /plant (No.)	1.2	2.2	-	-	-	-	-	-	-	-	-
			Single cob weight with husk (g)	38.64	16.31	-	-	-	-	-	-	-	-	-
Jagatsinghpur	Demonstration of Pointed gourd var. "Swarna Alaukik"	Pointed gourd	Vine length(cm) at 90 DAP	92.50	112.32									
			Fruit weight (g)	16.9	14.7									
Jagatsinghpur	Demonstration of Plant growth regulator(Ethrel) in pumpkin	Pumpkin	Vine length(cm) at 90 DAS	104.18	121.42	46900	48600	88440	99720	41540	51120	1.88	2.05	
			Sex ratio (male:female)	8.87	0.36	-	-	-	-	-	-	-	-	-
Jagatsinghpur	Demonstration of self propelled paddy transplanter	Paddy	Saving of labour	-	58MD	33500	28488	50000	55000	16500	26512	1.75	1.90	
Jagatsinghpur	Demonstration of paddy power weeder	Paddy	Field capacity		0.25ac/hr	33500	31980	54000	56250	20500	24270	1.60	1.75	
Jagatsinghpur	Demonstration of sugarcane stripper	Sugarcane	Saving of labour	-	20MD	88375	86659	141000	145000	52625	58341	1.60	1.70	
Jagatsinghpur	Demonstration of power sprayer	Greengram	Field capacity	0.05 ha/hr	0.4 ha/hr	16500/-	16060/-	32800/-	32800/-	16300/-	16740/-	1.9	2.02	
Jagatsinghpur	Demonstration on sunflower threshing bench	Sun flower	Threshing capacity	5.5 kg/hr	9 kg/hr	34800/-	33650/-	59200/-	59200/-	25550/-	24400/-	1.7	1.8	

Jagatsinghpur	Demonstration of green gram var HUM-12, seed rate 20kg/ha, Rhizobium inoculation @20gm/kg seed with need based plant protection measures	Green gram	Nosof pod / plant	11	17	11000	12550	21700	28350	10700	15800	1.9	2.2
Jagatsinghpur	Demonstration of G Nut Var TMV-2, soil test based fertilizer application (20:40:40NPK kg/ha), Gypsomes @250kg/ha, with need based plant protection measures	Ground Nut	No of pods /plant 100 seed wt (gm)	14 24	21 32	21500	24200	51100	67200	29600	43000	2.3	2.8
Jagatsinghpur	Demonstration on spawn rearing of Jayanti rohu	Fish	Survivability (%)	35	45	90,000	90,000	245000	315000	155000	225000	2.7	3.5
Jagatsinghpur	Demonstration on fresh water prawn (<i>Macrobrachium rosenbergii</i>) with IMC	Fish	Avg. growth of fish	800	750	200000	220000	440000	501000	240000	281000	2.2	2.27
Jagatsinghpur	Demonstration on alternative feed management for grass carp	Fish	Avg. growth of grass carp	800	810	200000	181000	440000	451000	240000	270000	2.2	2.49
Jagatsinghpur	Demonstration on Desimagur cultivation in small pond	Fish	Avg. growth of magur		100 g		2,40,000		5,00,000		2,60,000		2.1

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/Enterprises	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Jagatsinghpur	2013-14	Kharif	Small scale income generating activities	Low yield of <i>Volvariella volvacea</i>	Cultivation of <i>Volvariella diplesia</i> in summer (35-40°C).	Paddy straw Mushroom	Cultivation of <i>Volvariella diplesia</i> in summer	Home stead based	50 beds	10
Jagatsinghpur	2013-14	Rabi	Small scale income generating activities	Under utilization of backyard pond and water bodies	Rearing of duck var. Khaki Campbell in backyard pond @300/ha	Duck Enterprise	Rearing of khaki cambell in backyard pond.	Pond based	100 birds	10
Jagatsinghpur	2013-14	Rabi	Small scale income generating activities	Low growth of Banaraja at backyard condition	OUAT colour synthetic bird at backyard for meat purpose with proper brooding and vaccination.	Poultry Enterprise	OUAT colour synthetic bird	Home stead based	600birds	20
Jagatsinghpur	2013-14	Rabi	Value addition	Wastage of tomato during peak period of harvest.	Preparation of tomato sauce with preservatives	Enterprise	Preservation of tomato in home-scale based	Home stead based	50Kg	20

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		Incremental income		Yield(Kg/ha)		Net Return		Savings in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Jagatsinghpur	Demonstration on padyystraw	-	-	-	-	-	-	-	-	-	-	7Kg/5beds	8Kg/5beds	Rs 280	Rs 280	Rs 840(@12)	Rs960	1.4Kg/bed	1.6Kg/bed	430	680	Rs120/bed	3.42

Jagatsinghpur	Pointed gourd	Field days, Farmers Training, Media coverage, Training for extension functionaries.	3	60	
Jagatsinghpur	Pumpkin	Field days, Farmers Training, Media coverage, Training for extension functionaries.	2	60	
Jagatsinghpur	Ground nut	Field days, Farmers Training, Media coverage, Training for extension functionaries	3	60	
Jagatsinghpur	Green gram	Field days, Farmers Training, Media coverage,	4	50	
Jagatsinghpur	Fish	Field days, Farmers Training, Media coverage,	3	50	

3.7 Details of FLD on crop hybrids.

S. No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
1.	Jagatsinghpur	Baby corn	HM-4	Firm(NSC dealer at Cuttack)	13	1.0

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
Jagatsinghpur	Application of Almix in rice	Group discussion, personal contact, field visit	There is saving of Rs.2520/ha toward the cost of weeding	Accepted
Jagatsinghpur	Saline tolerant rice var. Luna Subarna	Group discussion, personal contact, field visit	There is 10.9 % increase in yield of rice over ruling rice variety	Accepted
Jagatsinghpur	Wilt resistant Brinjal variety "Arka Keshav"	Group discussion, personal contact, field visit	No benefits obtained due to the failure of the crop as affected by "Phailin"	-
Jagatsinghpur	Integrated Nutrient Management in brinjal	Group discussion, personal contact, field visit	No benefits obtained due to the failure of the crop as affected by "Phailin"	-

Jagatsinghpur	French bean variety "Pusa Parvati"	Group discussion, personal contact, field day, field visit	There is an increase in net profit of Rs.16300/ha in variety "Pusa Parvati" of French bean over local cultivar.	Farmers will adopt this variety in future because the yield is 18% more than the
Jagatsinghpur	Watermelon variety "Arka Jyothi"	Group discussion, personal contact, field day, field visit	There is an increase in net profit of Rs.22440/ha in variety "Arka Jyothi" of watermelon over local cultivar.	Farmers will adopt this variety in future because the yield is 22% more than the
Jagatsinghpur	Application of herbicide "Oxyflurofen" in brinjal	Group discussion, personal contact, field visit.	No benefits obtained due to the failure of the crop as affected by "Phailin"	-
Jagatsinghpur	Baby corn hybrid "HM-4"	Group discussion, personal contact, field day, field visit	There is an increase in net profit of Rs.22100/ha in baby corn over ruling maize crop.	Farmers will adopt this new crop (baby corn) as it is more profitable than maize crop.
Jagatsinghpur	Pointed gourd var. "Swarna Alaukik"	Group discussion, personal contact, field visit	Results awaited.	-
Jagatsinghpur	Application of Plant growth regulator(Ethrel) in pumpkin	Group discussion, personal contact, field day, field visit	There is an increase in net profit of Rs.9580/ha with application of ethrel in pumpkin over the control.	Farmers will adopt this technology in future as it is a low cost and effective
Jagatsinghpur	Sheath blight management in Rice	Group discussion, personal contact, field day, field visit	Minimizes blight incidence and yield increases up to 21.7 %.	High acceptance of the technology
Jagatsinghpur	Collar rot disease control in Groundnut	Group discussion, personal contact, field day, field visit	Minimizes blight incidence and yield increases up to 25 %.	High acceptance of the technology
Jagatsinghpur	Management of Pod borer in Green gram	Group discussion, personal contact, field day, field visit	Minimizes blight incidence and yield increases up to 42 %.	High acceptance of the technology
Jagatsinghpur	Control of Leaf minor in cucumber	Group discussion, personal contact, field day, field visit	Minimizes blight incidence and yield increases up to 18 %.	High acceptance of the technology
Jagatsinghpur	Vegetable seedlings grown under low tunnel	Low tunnel of size 45mx1.0mx0.6m with UV film covering & 6mm rodstructural elements	More germination & faster growth of seedlings under low tunnel in Kharif season	Vegetable farmers will adopt this low cost technology
Jagatsinghpur	Threshing of paddy	Power tiller operated axial flow thresher	Threshing capacity of power tiller operated axial flow thresher is 5quintal/hr as compared to 1.5Quintal/hr in case of power thresher.	This equipment has scope for wider use as power tillers are readily available.

Jagatsinghpur	Mechanical transplanting of rice	Self propelled rice transplanter	Ease of transplanting, less labour dependant and cost of transplanting is also reduced.	In future the adoption of self propelled paddy transplanter will increase due to labour shortage and its economic use.
Jagatsinghpur	Spawn rearing of Jayanti rohu	Training,GD,Exposure visit,CD show	As the growth of fish is more in grow out pond and the finger lings of its is not available locally farmers are interested in rearing of spawn of jayanti rohu	In future farmers will adopt this technology as the fingerlings of demandable species jayanti rohu is not available locally
Jagatsinghpur	Culture of fresh water prawn (Macrobrachium rosenbergii)with IMC	Training,GD,Exposure visit,CD show	As the prawn has more demand farmers are interested in culture of fresh water prawn	In future farmers will adopt this as it is more profitable
Jagatsinghpur	Alternative feed management for grass carp	Training,GD,Exposure visit,CD show	In pisciculture feed is the main factor which enhances the cost of cultivation so this technology is better to get more profit	I n future farmers will adopt this as it is less expensive
Jagatsinghpur	Desimagur cultivation in small pond	Training,GD,Exposure visit,CD show	In this district there more ware area wich are weed choked so this technology is better for utilization	Farmers will adopt this technology to get more profit from unused pond

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Jagatsinghpur	Research for high temperature tolerant varieties (suitable for summer season) of French bean is needed for round the year cultivation.
Jagatsinghpur	Flower drop and premature fruit drop is a problem in watermelon due to lack of pollination, so research should be emphasized on production of gynodioceous varieties. More numbers of seedless varieties may be developed for commercial cultivation..
Jagatsinghpur	Fertilizer management particularly Nitrogen application may be standardized for Blast prone rice growing areas.
Jagatsinghpur	Low tunnel with diffused film covering should be tried for coastal area.
Jagatsinghpur	Alternate attachment of axial flow thresher to power tiller may be designed as the existing one facilitate entry of debris to the power tiller when in operation

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
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	04.04.13, Majhisahi	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	08.04.13, Baniasahidihi	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	09.04.13, Tulanga	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	12.04.13, Baniasahidihi	28
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	15.04.13, Ghodansa	24
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	16.04.13, Bagoi	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	17.04.13, Oddisso	23
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	18.04.13, Phulbelari	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	20.04.13, Erikundala	24
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	22.04.13, Erikundala	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	24.04.13, Erikundala	32
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	29.04.13, Tulanga	28
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	06.05.13, Gamhapur	24
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	08.05.13, Tulanga, Erikundala	22

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
Jagatsinghpur	FW	ONC	SFM	Management of acidic soil	1	2	14	-	-	-	-	-	6	
Jagatsinghpur	FW	ONC	SFM	Green manuring in rice	1	2	7	-	3	-	-	-	10	-
Jagatsinghpur	FW	ONC	CRP	Chemical weed control in rice	1	2	17	-	2	-	-	-	1	
Jagatsinghpur	FW	ONC	CRP	Nutrient management in hybrid rice	1	2	7	-	-	-	-	-	13	
Jagatsinghpur	FW	ONC	PLP	Techniques of safe grain storage	1	2	11	5	1	-	-	-	2	1
Jagatsinghpur	FW	ONC	PLP	Preparation and use of neem base pesticide for pest control	1	2	12	-	-	-	-	-	8	
Jagatsinghpur	FW	ONC	PLP	Management of stem borer and leaf folder in rice	1	2	5	9	-	-	-	-	2	4
Jagatsinghpur	FW	ONC	PLP	Use of ITK for pest complex of paddy	1	2	12	2	1	-	-	-	4	1
Jagatsinghpur	FW	ONC	PLP	Wilt management in Solanaceous vegetables	1	2	13	-	3	-	-	-	4	
Jagatsinghpur	FW	ONC	PLP	Management of blight and fruit rot in tomato	1	2	11	-	3	-	-	-	6	
Jagatsinghpur	FW	ONC	PLP	Bio-logical pest control in vegetables	1	2	7	5	-	-	-	-	6	2
Jagatsinghpur	FW	ONC	PLP	Management of BPH in summer rice	1	2	15	-	-	-	-	-	5	
Jagatsinghpur	FW	ONC	PLP	Diseases pest management in green gram	1	2	11	7	-	-	-	-	-	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
Jagatsinghpur	FW	ONC	FIS	Duck-cum-fish farming	1	2	9	9	1	1				
Jagatsinghpur	FW	ONC	HOV	Vegetable Seedling raising techniques in kharif	1	2	6		7				7	
Jagatsinghpur	FW	ONC	HOV	Seedling treatment technique in brinjal	1	2	5		6				9	
Jagatsinghpur	FW	ONC	HOV	Propagation techniques of Pointed gourd through cuttings	1	2	5		3				12	
Jagatsinghpur	FW	ONC	HOV	seedling raising technique of cucumber in Polyhouse	1	2	6		6				8	
Jagatsinghpur	FW	ONC	WOE	Popularization of paddy straw mushroom	1	2	-	5	-	3	--	-	-	12
Jagatsinghpur	FW	ONC	WOE	Production of Azolla for cow feed.	1	2	-	-	-	2	-	--	-	18
Jagatsinghpur	FW	ONC	WOE	Proper planning & cropping pattern of nutritional garden.	1	2	-	-	-	2	-	-	-	18
Jagatsinghpur	FW	ONC	WOE	Nursery raising for kitchen garden.	1	1	-	--	-	9	-	-	-	11
Jagatsinghpur	FW	ONC	CBD	Group Dynamics formation of farm science club and its management	1	1	18	-	2	-	-	-	-	-
Jagatsinghpur	FW	ONC	CBD	Farmers organization its formation and management	1	1	14	-	6	-	-	-	-	-
Jagatsinghpur	FW	ONC	CBD	Gender mainstreaming in agriculture	1	1	19	-	-	-	-	-	1	-
Jagatsinghpur	FW	ONC	FIS	Duck-cum-fish farming	1	2	9	9	1	1				
Jagatsinghpur	RY	ONC	PIS	Vermi compost production technology	1	2	13	-	4	-	-	-	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
Jagatsinghpur	RY	ONC	FIS	Fish fingerlings production techniques	1	2	4	13		3				
Jagatsinghpur	RY	ONC	FIS	Ornamental fish breeding	1	2	20							
Jagatsinghpur	RY	ONC	HOF	Air layering technique in Kagzi lime	1	2	4		6				10	
Jagatsinghpur	RY	ONC	HOF	Grafting techniques in Mango	1	2	8		4				8	
Jagatsinghpur	RY	ONC	HOO	Propagation techniques in Marigold	1	2	6		4				10	
Jagatsinghpur	RY	ONC	AEG	Post harvest technology for pulses	01	02	20							
Jagatsinghpur	RY	ONC	CBD	Capacity building programme for Para Extension Workers for sustainable agriculture	1	2	20	-	-	-	-	-	-	-
Jagatsinghpur	RY	ONC	CBD	Role of ICT in Agriculture	1	2	11	8	1	-	-	-	-	-
Jagatsinghpur	RY	ONC	CBD	Entrepreneurship development and project module preparation	1	2	18	0	2	-	-	-	-	-
Jagatsinghpur	RY	ONC	WOE	Preparation of decorative items from paddy chaff	1	2	-	-	-	3	-	-	-	17
Jagatsinghpur	RY	ONC	WOE	Technique of profitable paddy straw mushroom cultivation	1	2	-	-	-	3	-	-	-	17
Jagatsinghpur	RY	ONC	FIS	Fish fingerlings production techniques	1	2	4			3				13
Jagatsinghpur	RY	ONC	FIS	Ornamental fish breeding techniques	1	2	20							
Jagatsinghpur	IS	ONC	PLP	Management of disease pest in ground nut	1	2	5	-	-	-	-	-	5	-
Jagatsinghpur	IS	ONC	PLP	Application of new generation insecticide	1	2	5	-	-	-	-	-	5	

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
Jagatsinghpur	IS	ONC	HOF	Canopy management of mango	1	2	4		2				4	
Jagatsinghpur	IS	ONC	HOF	High density planting (HDP) in banana	1	2	4		3				3	
Jagatsinghpur	IS	ONC	CBD	Reforms in extension system and role of the stake holders	1	1	4	3	1	1	-	-	1	-
Jagatsinghpur	FW	OFC	CRP	Integrated nutrient management in scented rice	1	1	14	-	-	-	-	-	6	
Jagatsinghpur	FW	OFC	SFM	Use of Azospirillum in lowlandrice	1	2	12	1	-	-	-	-	7	
Jagatsinghpur	FW	OFC	PLP	Management of panama wilt disease in Banana	1	1	8	2	1	-	-	-	9	
Jagatsinghpur	FW	OFC	PLP	Management of YVM in Okra	1	1	9	1	1	-	-	-	9	
Jagatsinghpur	FW	OFC	PLP	Borer management in sugarcane	1	1	8	-	3	-	-	-	9	
Jagatsinghpur	FW	OFC	PLP	Leaf spot and blight management in Betel vine	1	1	5	-	-	-	-	-	15	
Jagatsinghpur	FW	OFC	PLP	Management of sheath blight and sheath rot disease in rice	1	1	14	4	-	-	-	-	1	1
Jagatsinghpur	FW	OFC	PLP	Disease pest management in cucumber	1	1	14	-	1	-	-	-	5	
Jagatsinghpur	FW	OFC	PLP	Management of Collar rot disease in ground nut	1	1	12	4	-	-	-	-	4	
Jagatsinghpur	FW	OFC	FIS	Feed management in carp culture	1	2	18		2					
Jagatsinghpur	FW	OFC	HOV	Application of Herbicide(Oxyflurofen) in Brinjal	1	1	5		6				9	

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
Jagatsinghpur	FW	OFC	HOV	Three tier system of staking in Pointed gourd	1	1	6		4				10	
Jagatsinghpur	FW	OFC	HOV	Packaging technique of Tomato	1	1	8		4				8	
Jagatsinghpur	FW	OFC	HOV	Applicaion of hormone(Ethrel) in cucumber	1	1	6		5				9	
Jagatsinghpur	FW	OFC	HOV	Application of micro-nutrient(B,Mo) in Cauliflower	1	1	7		4				9	
Jagatsinghpur	FW	OFC	AEG	Paddy transplanting through self propelled paddy transplanter	01	01	20							
Jagatsinghpur	FW	OFC	AEG	Use of weeders in transplanted rice	01	01	19	01						
Jagatsinghpur	FW	OFC	AEG	Erection of low tunnel for raising vegetable seedlings	01	01	20							
Jagatsinghpur	FW	OFC	AEG	Use of coconut tree climber	01	01	17		03					
Jagatsinghpur	FW	OFC	AEG	Use of coconut dehusker	01	01	14		06					
Jagatsinghpur	FW	OFC	AEG	Use of twin wheel hoe in vegetables	01	01	20							
Jagatsinghpur	FW	OFC	AEG	Mechanical harvesting of paddy	01	01	20							
Jagatsinghpur	FW	OFC	WOE	Care and maintenance of brooding chicks in household situation	2	2	-	7	-	9	-	3	-	21
Jagatsinghpur	FW	OFC	WOE	Preparation of squash and jam from mango	2	2	-	2	-	9	-	-	-	29
Jagatsinghpur	FW	OFC	WOE	Proper planning & layout of kitchen garden for nutritional security of resource	1	1	-	-	-	1	-	-	-	19

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
				poor farm women										
Jagatsinghpur	FW	OFC	WOE	Preparation of pickle & sauce from paddy straw mushroom	1	1	-	-	-	3	-	-	-	17
Jagatsinghpur	FW	OFC	WOE	Techniques of using women friendly implements for drudgery reduction	1	1	-	-	-	2	-	-	-	18
Jagatsinghpur	FW	OFC	WOE	Preparation of azolla pit & proper cultivation practice	1	1	-	1	-	4	-	-	-	15
Jagatsinghpur	FW	OFC	WOE	Techniques of using kitchen and organic waste for vericomposting in nutritional garden.	1	1	-	-	-	11	-	-	-	9
Jagatsinghpur	PF/FW	OFC	CBD	Mainstreaming of SHG through various agricultural and allied activity	1	1	9	9	-	-	-	-	1	1
Jagatsinghpur	RY	OFC	AEG	Use of farm implements in rice cultivation	01	01	20							
Jagatsinghpur	IS	OFC	AEG	Micro irrigation systems and their maintenance	01	01	18		02					

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	
Jagatsinghpur	Air layering technique in Kagzi lime	Crop	Propagation technique	2	4		6					10	
Jagatsinghpur	Grafting techniques in Mango	Crop	Propagation technique	2	8		4					8	
Jagatsinghpur	Mushroom spawn production technique	Enterprise	Mushroom	5	2	4	-	-	-	-	-	3	1

			Production									
Jagatsinghpur	Value addition in low cost marine fish	Enterprise	Value addition	4		8		2				

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	
Jagatsinghpur	Training-cum-orientation for livelihood security to SHT members of TRIPTI	Poultry,Paddy seed production,Mushroom cultivation	3	7	-

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		
Jagatsinghpur	Block wise financial inclusion programme for Banks, NGOs, and TRIPTI for entrepreneurship development	CBD	Financial inclusion programme for the entrepreneur	RY	1	1	22	4	11	6	5	2			NABARD,Jagatsinghpur	-
Jagatsinghpur	Farm made fish feed preparation	FIS	Fish feed preparation and management	FW	1	1	35	6	17	6	8	3			CIFA,BBSR	-

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	
Jagatsinghpur	Management of stem borer and leaf folder in rice	20	40	75	35.2	42.8	44200	53700	1. Area expanded-18 ha, 2. No. of farmers adopted- 13 nos., 3. (i) % change in knowledge:88% (ii) % change in production: 21.6 (iii) % change in income:21%
Jagatsinghpur	Management of Collar rot disease in Groundnut	20	35	50	13.0	16.5	59200	74350	1. Area expanded-13 ha, 2. No. of farmers adopted- 10 nos., 3. (i) % change in knowledge:43% (ii) % change in production: 26.9%, (iii) % change in income:25 %
Jagatsinghpur	Disease pest management in Green gram	20	45	70	5.0	7.5	23200	33600	1. Area expanded-25 ha, 2. No. of farmers adopted- 12 nos., 3. (i) % change in knowledge:55% (ii) % change in production: 50 %, (iii) % change in income:45 %
Jagatsinghpur	Management of blight and fruit rot in tomato	20	25	45	290	350	145000	175000	1. Area expanded-12 ha, 2. No. of farmers adopted- 10 nos., 3. (i) % change in knowledge:80% (ii) % change in production: 21 %, (iii) % change in income:20 %
Jagatsinghpur	Disease pest management in Cucumber	20	40	60	245	285	145300	172100	1. Area expanded-7 ha, 2. No. of farmers adopted- 12 nos., 3. (i) % change in knowledge:50% (ii) % change in production: 16 %, (iii) % change in income:18%

Jagatsinghpur	Management of YMV in Okra	20	35	60	120	142	72000	99400	1. Area expanded-8 ha, 2. No. of farmers adopted- 6 nos., 3. (i) % change in knowledge:71% (ii) % change in production: 18%, (iii) % change in income:38 %
Jagatsinghpur	Application of Herbicide(Oxyflurofen) in Brinjal	20	40	75	250	292	54800	64600	1. Area expanded-22 ha, 2. No. of farmers adopted- 12 nos., 3. (i) % change in knowledge:88% (ii) % change in production: 16.8%, (iii) % change in income:17.88%
Jagatsinghpur	Three tier system of staking in Pointed gourd	20	50	85	214.2	248.4	47600	60400	1. Area expanded-12 ha, 2. No. of farmers adopted- 13 nos., 3. (i) % change in knowledge:70% , (ii) % change in production: 15.96%, (iii) % change in income:26.89%
Jagatsinghpur	Packaging technique of Tomato	20	45	85	240	290	38150	46500	1. Area expanded-23ha, 2. No. of farmers adopted- 18nos., 3.(i) % change in knowledge:89%, (ii) % change in production:21%, (iii) % change in income: 21.88%
Jagatsinghpur	Application of hormone(Ethrel) in cucumber	20	55	90	258	296	35900	42200	1. Area expanded-26ha, 2. No. of farmers adopted- 18 nos., 3.(i) % change in knowledge:64%, (ii) % change in production:14.72%, (iii) % change in income:17.54%
Jagatsinghpur	Application of micro-nutrient(B,Mo) in Cauliflower	20	50	90	276	310	48600	59100	1. Area expanded-24ha, 2. No. of farmers adopted- 16 nos., 3. (i) % change in knowledge:80%, (ii) % change in production: 12.31%, (iii) % change in income:21.60%
Jagatsinghpur	Vegetable Seedling raising techniques in kharif	20	65	90	8400 nos.	10000 nos.	4900	6100	1. Area expanded-18ha, 2. No. of farmers adopted- 12 nos., 3. (i) % change in knowledge: 38%, (ii) % change in production:19.04%, (iii) % change in income:24.48%
Jagatsinghpur	Seedling treatment technique in brinjal	20	45	80	253	294	50600	59100	1. Area expanded-18ha, 2. No. of farmers adopted- 16nos., 3. (i) % change in knowledge:78%, (ii) % change in production:16.20%, (iii) % change in income:16.79%

Jagatsinghpur	Propagation techniques of Pointed gourd through cuttings	20	45	75	242	278	46900	54200	1. Area expanded-12ha, 2. No. of farmers adopted- 14 nos., 3. (i) % change in knowledge:67%, (ii) % change in production:14.87%, (iii) % change in income:15.56%
Jagatsinghpur	Seedling raising technique of cucumber in Poly house	20	55	80	256	292	47600	56100	1. Area expanded-16 ha, 2. No. of farmers adopted- 12nos., 3. (i) % change in knowledge:45%, (ii) % change in production: 14.06%, (iii) % change in income:17.85 %
Jagatsinghpur	Air layering technique in Kagzi lime	20	40	75	8000 nos.	10000 nos.	40000	80000	1. Area expanded-12 ha, 2. No. of farmers adopted- 16 nos., 3. (i) % change in knowledge:88%, (ii) % change in production:25 %, (iii)% change in income:100%
Jagatsinghpur	Grafting techniques in Mango	20	40	70	8000 nos.	10000 nos.	60000	75000	1. Area expanded-11 ha, 2. No. of farmers adopted- 11 nos., 3. (i) % change in knowledge:75%, (ii) % change in production: 25%, (iii) % change in income:25%
Jagatsinghpur	Propagation techniques in Marigold	20	55	90	8000 nos.	10000 nos.	6000	10000	1. Area expanded-19 ha, 2. No. of farmers adopted- 16 nos., 3. (i) % change in knowledge:64%, (ii) % change in production:25 %, (iii) % change in income:66.66%
Jagatsinghpur	Canopy management of mango	10	50	90	80	100	64000	80000	1. Area expanded-16 ha, 2. No. of farmers adopted- 16 nos., 3. (i) % change in knowledge:80%, (ii) % change in production:25 %, (iii) % change in income:25 %
Jagatsinghpur	High density planting (HDP) in banana	10	45	80	1980 nos.	3960 nos.	80600	248600	1. Area expanded-21 ha, 2. No. of farmers adopted- 16 nos., 3. (i) % change in knowledge:78%, (ii) % change in production: 100%, (iii) % change in income:208%
Jagatsinghpur	Fish fingerlings production techniques	20	40	85	10 lakhs fry/ha	17.5 lakhs fry/ha	60000	155000	. Area expanded-10 ha, 2. No. of farmers adopted- 16 nos., 3. (i) % change in knowledge:112.5% (ii) % change in production: 75%, (iii) % change in income:158%

Jagatsinghpur	Feed management in carp culture	20	45	80	25	40	175000	240000	Area expanded-20 ha, 2. No. of farmers adopted- 18 nos., 3. (i) % change in knowledge:78% (ii) % change in production: 60%, (iii) % change in income:37%
Jagatsinghpur	Duck-cum-fish farming	20	45	80	Egg laying capacity of desi duck-90/yr with fish-30q	Egg laying capacity of breed duck-200/yr with fish 45q	220000	395000	Area expanded-25 ha, 2. No. of farmers adopted- 18 nos., 3. (i) % change in knowledge:78% (ii) % change in fish production: 50%, (iii) % change in income:79.5
Jagatsinghpur	Paddy straw mushroom cultivation	20	40	70	0.5kg/bed	1.2 kg/bed	20	60	Area expanded-70 units, 2. No. of farmers adopted- 13 nos., 3. (i) % change in knowledge:75% (ii) % change in production: 140%, (iii) % change in income:200%
Jagatsinghpur	Rearing of colour bird in backyard	20	30	55	1.2 kg in 4 months	2.5 kg in 4 months	140	350	Area expanded-380 units, 2. No. of farmers adopted- 18 nos., 3. (i) % change in knowledge:83% (ii) % change in production: 108%, (iii) % change in income:150%

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 Stage s
				M	F	M	F	M	F			
Jagatsinghpur	Field Day	15	07	123	34	65	13	9	5	Technology dissemination	-	Harvesting
Jagatsinghpur	Kisan Mela	02	01	312	74	76	38	15	1	Awareness	-	
Jagatsinghpur	Kisan Ghosthi	03	08	91	28	24	12			Awareness		
Jagatsinghpur	Exhibition	04	04	980								
Jagatsinghpur	Film Show	25	31	351	130	201	28	-	-	Awareness of Agril. Technology	Agriculture & allied topics	
Jagatsinghpur	Method Demonstrations	15	28	240	60	82	24	8	6	-do-	-do-	Critical stage
Jagatsinghpur	Farmers Seminar	02	06	178	59	52	21	4	1	-do-	-do-	
Jagatsinghpur	Workshop	2										
Jagatsinghpur	Group meetings	32	28	166	84	62	28	-	-	-do-	-do-	
Jagatsinghpur	Lectures delivered as resource persons	30	18	528	64	132	26	8	4	-do-	-do-	
Jagatsinghpur	Newspaper coverage	15	11	Mass						-do-	-do-	
Jagatsinghpur	Radio talks	15	4	Mass						-do-	-do-	
Jagatsinghpur	TV talks	4	1	Mass						-do-	-do-	
Jagatsinghpur	Popular articles	15	10	Mass						-do-	-do-	
Jagatsinghpur	Extension Literature	08	7							-do-	-do-	
Jagatsinghpur	Farm advisory Services	Mass	132	912	164	115	36	-	-	-do-	-do-	
Jagatsinghpur	Scientific visit to farmers field	150	264	645	119	275	42	-	-	-do-	-do-	
Jagatsinghpur	Farmers visit to KVK	800	599	407	62	114	16			-do-	-do-	
Jagatsinghpur	Diagnostic visits	50	72	355	116	127	28	5	2	-do-	-do-	
Jagatsinghpur	Exposure visits	02	04	60	10	7	-	6	-	-do-	-do-	

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 Stage s
				M	F	M	F	M	F			
Jagatsinghpur	Ex-trainees Sammelan	02	1	9	4	5	2	-	-	Impact of training	-do-	
Jagatsinghpur	Soil health Camp	02	2	132	15	8	4	6	-	Soil health management	Managem ent of acidic and saline soil	
Jagatsinghpur	Soil test campaigns	05	6	58	16	10	6	7	-	Importan ce of soil test	Soil sample collection and testing	
Jagatsinghpur	Farm Science Club conveners meet	02	05	66	16	18	10	10	-	Awarene ss of Agril. technolo gy	Agricultur e &allied topics	
Jagatsinghpur	Self Help Group conveners meetings	04	03	14	12	8	6	3	-	Awarene ss of Agril. technolo gy	Agricultur e &allied topics	
Jagatsinghpur	Mahila Mandals conveners meetings	02	02	-	50	-	12	-	5	Awarene ss of Agril. technolo gy	Agricultur e &allied topics	
Jagatsinghpur	Celebration of important days (World environment day)	04	04	59	18	36	12	3	1	Awarene ss of Agril. technolo gy	Agricultur e &allied topics	

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
Jagatsinghpur	01-04-13	Quarterly	500	500
Jagatsinghpur	01-07-13	Quarterly	500	500
Jagatsinghpur	01-10-13	Quarterly	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Jagatsinghpur	Journal of plant protection and Environment 10 (I) 65-67,2013	Efficacy of seed dressing chemicals and Bio-agents on <i>Alternaria solani</i> , compatibility and seed germination on tomato	A.Dhal, S.K Beura and S.K.Palai	
Jagatsinghpur	International symposium on role of fungi and microbes in the 21 st century, A global s scenario Abstract-Journal of Mycological society, Kolkata in collaboration with dept. of Botany, University of Calcutta, Page No-139	Effect of botanicals on the management of <i>Alternaria</i> blight of tomato in Odisha	A.Dhal, S.K. Beura and S.K. Palai	
Jagatsinghpur	Journal of Fishery Technology	Effect of water washing on the functional properties of fish meat	Nityananda Das, B.K.Khuntia, U.Raychaudhuri & K.C.Dora	Communicated
Jagatsinghpur	Journal of Food Science and Technology(communicated)	Effect of salt treatment in washing on the functional properties of fish meat	Nityananda Das, B.K.Khuntia, U.Raychaudhuri & K.C.Dora	Communicated

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number

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.)
Jagatsinghpur	Foundation seed	Rice	Pooja	114 .0			
Jagatsinghpur	Foundation seed	Rice	CR-1018	133.0			
Jagatsinghpur	Foundation seed	Green gram	PDM-139	Not harvested			

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Jagatsinghpur	Fruits	Mango	Baiganpalli	545	10627.50	58	4.36
Jagatsinghpur	Fruits	Papaya	CO-1	1000	3000	116	0.333
Jagatsinghpur	Vegetables	Drumstick	PKM-1	1000	3500	127	0.625
Jagatsinghpur	Vegetables	Brinjal	Utkal Tarini	320	320	12	0.011
Jagatsinghpur	Vegetables	Tomato	Utkal Dipti	370	370	14	0.01
Jagatsinghpur	Vegetables	Chilly	Utkal Ava	360	360	16	0.0097

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.)
Jagatsinghpur	Bio Agents	Vermi compost	602		3010/-	8	
Jagatsinghpur	Bio Agents						
Jagatsinghpur	Bio Fertilizer						
Jagatsinghpur	Bio Fertilizer						
Jagatsinghpur	Mushroom	Mushroom spawn		348	4176/-	32	
Jagatsinghpur	Mushroom	Mushroom	55		4400	100	

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
Jagatsinghpur	Poultry	Banaraja	Chicks	1449 nos	50715/-	140
Jagatsinghpur	Duck	Khaki campbell	Ducklings	100 nos	4500/-	10
Jagatsinghpur	Fish	IMC	Yearlings	18 kg	9000/-	6
Jagatsinghpur	Fish	IMC	Spawn	5 lakhs	3000/	4
Jagatsinghpur	Rabbit	Angora	Rabbit, kitten	8	1000/-	6

9. Activities of Soil and Water Testing Laboratory- NA

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)

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)

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)
Jagatsinghpur	May	2013	Management of acidic soil	2days	20	2		20
Jagatsinghpur	June	2013	Green manuring in rice	2days	20	2		20
Jagatsinghpur	July	2013	Chemical weed control in rice	2days	20	2		20
Jagatsinghpur	Aug	2013	Nutrient management in hybrid rice	2days	20	2		20
Jagatsinghpur	Sept.	2013	Vermicompost production technology	2days	20	2		20
Jagatsinghpur	May	2013	Techniques of safe grain storage	2days	20	2		20
Jagatsinghpur	July	2013	Preparation and use of neem base pesticide for pest control	2 days	20	2		20
Jagatsinghpur	July	2013	Fish fingerlings production techniques	2 days	20	2		20
Jagatsinghpur	Sept.	2013	Management of stemborer and leaf folder in rice	2 days	20	2		20
Jagatsinghpur	Oct.	2013	Use of ITK for pest complex of paddy	2 days	20	2		20
Jagatsinghpur	Oct	2013	Wilt management in Solanaceous vegetables	2 days	20	2		20
Jagatsinghpur	Nov	2013	Management of blight and fruit rot in tomato	2 days	20	2		20
Jagatsinghpur	Nov	2013	Bio-logical pest control in vegetables	2 days	20	2		20
Jagatsinghpur	Dec	2013	Management of BPH in summer rice	2 days	20	2		20

Jagatsinghpur	Jan.	2013	Ornamental fish breeding	2 days	20	2		20
Jagatsinghpur	Jan	2013	Value addition in low cost marine fish	4days	10	2		20
Jagatsinghpur	Feb	2014	Diseases pest management in green gram	2 days	20	2		20
Jagatsinghpur	Aug	2013	Mushroom spwan production techniques	5 days	10	5		20
Jagatsinghpur	June	2013	Vegetable Seedling raising techniques in kharif	2 days	20	2	-	20
Jagatsinghpur	July	2013	Air layering technique in Kagzi lime	2 days	20	2	-	20
Jagatsinghpur	August	2013	Grafting techniques in Mango	2 days	20	2	-	20
Jagatsinghpur	October	2013	Seedling raising technique of cucumber in Polyhouse	2 days	20	2	-	20
Jagatsinghpur	October	2013	Propagation techniques in Marigold	2 days	20	2	-	20
Jagatsinghpur	November	2013	Seedling treatment technique in brinjal	2 days	20	2	-	20
Jagatsinghpur	December	2013	Propagation techniques of Pointed gourd through cuttings	2 days	20	2	-	20
Jagatsinghpur	December	2013	Canopy management of mango	2 days	20	2	-	20
Jagatsinghpur	February	2014	High density planting (HDP) in banana	2 days	20	2	-	20
Jagatsinghpur	May	2013	Popularization of paddy straw mushroom	2 days	20	2	-	20
Jagatsinghpur	June	2013	Production of Azolla for cow feed.	2 days	20	2	-	20
Jagatsinghpur	July	2013	Proper planning & cropping pattern of nutritional garden.	2 days	20	2	-	20
Jagatsinghpur	Oct	2013	Preparation of decorative items from paddy chaff	2 days	20	2	-	20
Jagatsinghpur	Aug	2013	Technique of profitable paddy straw mushroom cultivation	2 days	20	2	-	20
Jagatsinghpur	September	2013	Capacity building programme for Para Extension Workers for sustainable agriculture	2 days	20	2		20
Jagatsinghpur	October	2013	Role of ICT in Agriculture	2 days	20	2		20

Jagatsinghpur	October	2013	Entrepreneurship development and project module preparation	2 days	20	2		20
Jagatsinghpur	December	2013	Post harvest technology for pulses	2days	20	2		20

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
Jagatsinghpur	2012	2012	6	0	-

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Jagatsinghpur	30-09-2013	40	Demonstration of suitable herbicides for rice ground nut and vegetables to reduce the labour cost and popularize saline resistance paddy var Luna Subarna, Performance and acceptability of bud chip method of sugarcane cultivation should be assessed .
			Demonstrate suitable agricultural implements in paddy and Ground nut crop
			In INM trials and demonstrations of soil test based fertilizer application should be recommended and YMV resistant Green Gram variety suitable for the district should be demonstrated to replace the degenerated traditional variety
			KVK should organize Technological week with active collaboration of ATMA and line departments
			KVK should provide KMS service to a large no of farmers covering all the blocks of the district
			Onion var. Bhima Super should be taken under demonstration programme and low cost onion store house should be introduced
			Demonstration on Application of herbicides in the crop, high value vegetable cultivation, popularisation of mushroom in the district should be undertaken.
			Demonstration on rice transplanter, power reaper, power sprayer, etc should be conducted by KVK
			Demonstration on pointed gourd variety Swarna Alaukik

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.		
Jagatsinghpur	90	1447	120-	PACIFIC	Crop production, plant protection, poultry, mushroom production, pisciculture, marketing and weather information.

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
Jagatsinghpur	ATMA-	PD,ATMA Jagatsinghpur	20,000/-	Farmers –scientists interaction	Tirtol,Kujanaga,Ersama	-

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Jagatsinghpur	30773631818	2,08,877	2,79,810	-

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Jagatsinghpur	Sourav Biswal	Farmer	OUAT, Bhubaneswar	

18. Details of KVK Agro-technological Park . (NA)

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	Jagatsinghpur	Yes	ZPD

b) Details about Technology Park ---not established yet

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

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria

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	Jagatsinghpur	Govinda Maharana	Oyster Mushroom without removing polythene covering	Alipingala, Jagatsinghpur 238800910
2	Jagatsinghpur	Golak Chandra Nayak	Power operated paddy thresher – cum-winnower	Pubapada Tirtol 9861288897
3	Jagatsinghpur	Bipin Bihari Swain	Quality paddy seed production through hand picking	Baratira Raghunathpur 9437507156
4	Jagatsinghpur	Nrusingh Charan Behera	Increased pollination in cucurbits through honey spraying	Termanpur Kujanga 9938145944
5	Jagatsinghpur	Sourav Biswal	IMC with Pacu cultivation	Tulanga Ersama
6	Jagatsinghpur	Arakshita Nayak	Improved vermicomposting through non paddy bases	Bhutamundei Kujanga 9937336133

7	Jagatsinghpur	Zakir Hussen	Innovation in poultry feed management	Samang,Jagatsinghpur, 9776707786
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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	Dt 16.11.13- "Farm made Fish feed preparation "	75
2	Dt.20.9.13-"Block wise financial inclusion programme for Banks, NGOs, and TRIPTI for entrepreneurship development "	50
3	Dt 7.10.13-"Paddy seed producers meet "	30
4	Dt 30-9-13-Entrepreneurs meet	20

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Jagatsinghpur	06	02	42	8

Intensive- OFTS, FLDS, Trainings etc

Extensive- Literatures, Publications, Awareness programmes, Trainings 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.
01	Puri	Seeds, Planting materials	
02	Kendrapara	Fingerlings, Yearlings, seed	

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Jagatsinghpur	Sri Satya Kumar Mallick	24-06-2013			Collector-cum-District Magistrate	Appreciated
Jagatsinghpur	ADR and Other scientists	01.10.2013		RRTTS(OUAT),Bhubaneswar		Appreciated
Jagatsinghpur	Dr.S.R.K.Singh,	23-11-2013	Sr. Scientist, ZPD, Zone-VII			Appreciated KVK activities
Jagatsinghpur	Team of RKVY cell.	12.12.2013			State Coordinator of Odisha	Appreciated

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Jagatsinghpur	2012	05	

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
1	Jagatsinghpur	1	1	

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
Jagatsinghpur	Dr. Nityananda Das	Programme Coordinator	2	
Jagatsinghpur	P. Pradhan	SMS(Ag. Engg.)	1	
	Total		3	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Jagatsinghpur	2	6

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Jagatsinghpur	Dr. Nityananda Das	Programme Coordinator	2	Orientation-cum-training programme for PCs of Odisha on dt. 06-12-13, Backyard poultry production as tool to augment lively hood of rural tribal farmer on dt.03-03-14 to 04-03-14
Jagatsinghpur	Mr. Ashis Kumar Mohanty	SMS(Horticulture)	1	Topic-Recent advancement in Horticulture sector conducted on dt.27-28 Dec.2013.
Jagatsinghpur	Mr. Pravat Pradhan	SMS(Ag. Engg.)	1	Topic-Recent advancement in Agricultural Engineering sector on dt. 27-28 Dec-2013

Jagatsinghpur	Mr. Samir Ranjan Dash	SMS,(Ag Extn.)	1	Orientation training of extension specialist of KVK , system on dt 13-14 March-2014
Jagatsinghpur	Mrs. Saswati Pattanaik	(SMS, Home.Sc)	2	Backyard poultry production as tool to augment lively hood of rural tribal farmer on dt 03 to 04-03-14,Orientation of Home Scientist on dt.18-19-March-14,
Jagatsinghpur	Mr. Arabinda Dhal,	SMS (PP)	1	Recent approaches of disease ,insect and nematode management in agriculture - Orientation training programme for SMS (PP), on dt. 23-24 ,Dec-2013

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Jagatsinghpur	6	8

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

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks
Jagatsinghpur	Dr. Nityananda Das	Programme Coordinator	3	
Jagatsinghpur	Mr. Arabinda Dhal	Subject Matter Specialist (PP)	5	
Jagatsinghpur	Mr. Samir Ranjan Dash	Subject Matter Specialist (Ag Extn.).	1	
Jagatsinghpur	Mrs. Saswati Pattanaik	Subject Matter Specialist (Home.Sc)	2	

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Jagatsinghpur	4	11

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
Jagatsinghpur	Phailin in Odisha dt.12-10-13 to 14-10-13	Effect of Phailin in the district Jagatsinghpur	ZPD,DES
Jagatsinghpur	Phailin followed by Flood	Effect of Flood in the district Jagatsinghpur	ZPD,DES

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Jagatsinghpur	Gosthies			
Jagatsinghpur	Lectures organized	6	130	Agricultural technology
Jagatsinghpur	Exhibition	1	Mass	
Jagatsinghpur	Film show	6	Mass	Agricultural technology
Jagatsinghpur	Fair			
Jagatsinghpur	Farm Visit	4	35	Agricultural technology
Jagatsinghpur	Diagnostic Practical's			
Jagatsinghpur	Distribution of Literature (No.)	5	120	
Jagatsinghpur	Distribution of Seed (q)	-	-	
Jagatsinghpur	Distribution of Planting materials (No.)	2	40	
Jagatsinghpur	Bio Product distribution (Kg)	100	35	

Jagatsinghpur	Bio Fertilizers (q)	1	30	
Jagatsinghpur	Distribution of fingerlings (No)	-	-	
Jagatsinghpur	Distribution of Livestock specimen (No.)	-	-	
Jagatsinghpur	Total number of farmers visited the technology week		390	Agricultural technology

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

Vermes Produced

Name of KVK	Vermes 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			
	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) : NA

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

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

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Jagatsinghpur	2	-

SUCCESS STORY-I

Name of the KVK- KVK, Jagatsinghur

Title :-Composite farming of fish is profitable

Introduction

Mr. Saroj Kanta Pattnaik of village-Hazipur, Po-Hazipur, Block- Ersama. Dist –Jagatsinghpur of Odisha is a progressive fish farmer . He is a farmer of age 50 with qualification B.A. Initially he was engaged in rice cultivation prog. in his field of 6.8 ha. But in rice cultivation he faced labour problem and profit was also less as 12500/ha. In the mean time he joined in a training programme of KVK in the yr 2008 and came to know about the profit in pisciculture programme. Now he decided to convert paddy field in to fish pond to get more profit.

KVK Intervention

As per instruction of specialist of KVK he excavated the ponds in the area of 4 ha. Before starting the pisciculture prog he joined in the programme of KVK to enhance his knowledge. The programmes are like exposure visit, film show, farmer-scientist interaction prog ,etc. The specialist of KVK also taught the technologies through demonstration programme on fish fingerling rearing in his nursery pond, composite pisciculture with rohu, catla, mrigal, pacu, grasscarp and fresh water prawn in multiple stocking and multiple harvesting pattern of technology. Mainly he was guided multiple stocking and multiple harvesting pattern of technology throughout the year. In this process mainly yearlings were stocked and reared for 3-4months and harvested the size of fish which are above 500g and stocked the yearlings from nursery pond .The no. of yearling remain same with the no of fish harvested .This process continues for year wise.

Out put

By following this practice out put was better as compare to rice cultivation. The details are mentioned below.

Result	Yield q/ha	Cost of cultivation (q/ha)	Gross return	Net.income	BC ratio
FP(Rice)	37.5	32500	45000	12500	1.4
RP(Fish)	50	200000	550000	350000	2.75

Out come

In this practice the production of fish was 50 q/ha. He was instructed by specialist for better pond management to avoid fish disease to get more profit. The net income is so higher than the rice cultivation that now he decided to excavate pond in the rest area of rice cultivation.

Impact

Mr pattanaik is now an example for others to forget the traditional practice of rice cultivation and as seeing is believing 12nos of farmers of this village has converted their paddy field in to fish pond to get more profit. 8 nos of rural youth of nearby village has also applied their application in the dept. of Fishery in FFDA scheme to excavate new pond in their paddy field .



Activities undertaken in the field of Mr Pattnaik

SUCCESS STORY-II

Name of the KVK- KVK, Jagatsinghpur

Title :- Application of ethrel (plant hormone) in Pumpkin.

Introduction :-

This is all about Laxman Sethi, a progressive farmer in Gamhapur village of Raghunathpur block of Jagatsinghpur district of Odisha. Though he has landed property of 4.0 hectare, he cultivates paddy in 2.5 hectare and vegetables in 1.5 hectare. Among vegetables cultivation, the principal crops are pumpkin cucumber, bitter gourd and ridge gourd. Being ignorant of the better farming practices for growing vegetables, the income was unable to suffice his requirements. So he decided to convert his vegetable patch into cereal crops like paddy.

KVK Intervention :-

He was attending regularly the farmers training programme conducted by KVK, Jagatsinghpur, and delighted with the knowledge he could incorporate in her field. Observing his keen interest, the KVK team approached him and assessed his resources and prepared action plan for Laxman Sethi. He strictly followed the plan of work and guided by the scientists to grow vegetables. This year he was given a demonstration on “Application of ethrel (plant hormone) in pumpkin in Rabi 2013-14 in 1.0 ha in which ethrel was foliar sprayed @ 200ppm once at 2-3 leaf stage to increase the percentage of female flowers.

Out put

Result	Yield q/ha	% change in yield	Female flower	% change in parameter	Cost of cultivation (q/ha)	Gross return	Net Income	BC ratio
FP	104.18		67		46900	88440	41540	1.88
RP	121.42	16.54	91	36	48600	99720	51120	2.05

Out come

In the potential patch of 1.5 hectare of vegetables crops pumpkin was in 1.0 hectare. Following all improved package of practices like selection of varieties, fertilizer application, micronutrient application, Hormone application, plant protection measures he could optimize his yield to 16.54%. He spent Rs.48600/ha as cost of cultivation against which he earned Rs. 51,120/ha as net profit with a benefit cost ratio of 2.05:1. With immediate success he changed his vision towards vegetable cultivation.

Impact

The KVK scientists though guided Sri Laxman Sethi, all through his endeavour, he had committed to work and eagerness to grasp the skills of the new technology helped him to achieve his profit in vegetable cultivation. He is planning to expand his vegetable area from 1.5hectare to 2.5 hectare by getting support from KVK, Jagatsinghpur.



Laxman Sethi with KVK scientist in his FLD field.



Laxman Sethi happy with his produce

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) –

Attached in separate sheet.