



ANNUAL PROGRESS REPORT

April 2014 to March 2015

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 2014 to March 2015

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2014-15

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	23	214	
	On Going OFT	2	10	
	Technologies assessed (Completed OFT)	11	93	
	Technologies refined	-	-	
	On farm trials conducted	13	103	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	24	275	
	On Going Frontline demonstrations	1	10	
	FLDs conducted on crops	13	128	
	Area under crops (ha.)	19.1	128	
	FLD on farm implement and tools	3	23	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	2	20	
	FLD on Fisheries - Finger lings	-	-	
	FLD on other enterprises (mushroom)	2	18	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	-	-	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	51	73	1220
	Farm women	10	13	200
	Rural youth	8	15	160
	Extension personnel/ In service	6	12	60
	Vocational trainings	4	24	60
	Sponsored Training	1	1	100
	Total	80	138	1800
		No. of programmes	Participants	
4	Extension Programmes	1263	8775	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	238.5q	-	
	Planting material produced (nos.)	7950	132	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)			
	Milk Yield - Cow, Buffelo etc. (in liter)			
	Fish (Kg.)			
	Fingerlings (nos.)	18 yearlings	25	
	Poultry-(nos.)	235	70	
	Rabbit (nos.)	6	3	
	Chicks etc. (nos.)			
7	Bio Products	Qty	Beneficiaries (nos.)	

	Bio Agents -Earth worm (Kg.)	1200	5
	Trichoderma (kg.)		
	Bio Fertilizers- Vermi compost , Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	832	122
	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)	1	1
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	9	Mass
	KVK News letter	4	2000
	SAC Meetings conducted	2	60
	Soil sample tested	21	21
	Water sample tested	0	0
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	NA	
	KVK-KMA (Message and beneficiaries)	92	2896
	Convergence programmes	9	660
	Sponsored programmes	1	100
	KVK Progressive Farmers interaction	2	60
	No. of Technology Week Celebrations	-	-
	Attended HRD activities organized by ZPD	5	2
	Attended HRD activities organized by DES	5	5
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	3	3
9	Current status of Revolving Funds (Amt. in Rs.)		25726
10		No. of blocks	No. of villages
	Outreach of KVK in the District	8	55
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)		1 1
12		Working (Yes/No)	No. of Update
	Status of KVK Website	YES	7
13		Application received	Application disposed
	Status of RTI (nos.)	2	2
14		Query received	Query dissolved
	Citizen Charter (nos.)	-	-
15		Working (Yes/No)	No. of programme viewed
	E-connectivity	No	Nil
16		Filled	Vacant
	Staff Position	12	4
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)		5
18	Publication received from ICAR /other organization (nos.)		12
19		Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	1- (HUDHUD)	ZPD & SAU

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2015

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Jagatsinghpur	16	1	0	6	4	3	3	6	5	16	12

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
Jagatsinghpur	Programme Coordinator	Vacant	-	-	-	-	-	-	-	-
Jagatsinghpur	Subject Matter Specialist1 & Programme Coordinator(I/C)	Arabinda Dhal	Plant Protection	M. Sc. (Ag.)	Plant Pathology	15600-39100 + AGP 6000/-	22220	08.01.13	Temporary	Others
Jagatsinghpur	Subject Matter Specialist2	Ashis Ku. Mohanty	Horticulture	M. Sc. (Ag.)	Horticulture	15600-39100 + AGP 6000/-	22220	14.01.05	Temporary	Others
Jagatsinghpur	Subject Matter Specialist3	Madhumita Sarangi	Home Science	MSc (Home Science)	CD & Family Welfare	15600-39100 + AGP 6000/-	22220	09.09.11	Temporary	Others
Jagatsinghpur	Subject Matter Specialist4	Samir Ranjan Dash	Extension	M.Sc. (Ag)	Agri Extension	15600-39100 + AGP 6000/-	22220	10.01.13	Temporary	Others
Jagatsinghpur	Subject Matter Specialist5	Vacant	-	-	-	-	-	-	-	-
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	Rabindra Kumar Pradhan	Horticulture	MSc.(Ag)	-	9300-34800 + AGP 4200/-	9300	31.01.2015 (AN)	Temporary	Others
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	Kamal Lochan Mahanta	Comp Sc	MCA	Comp Sc	5200 -20200 +GP 2400	7270	16.10.2006	Temporary	OBC
Jagatsinghpur	Driver	Pradipta Kumar Barik				5200-20200 +1900 GP	6600	04.08.08	Temporary	Others
Jagatsinghpur	Driver	Manoj Kumar Sahoo		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 Diary	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 (T1)	RP (T2)	T3	FP (T1)	RP (T2)	T3	
Jagatsinghpur	2014	Kharif	Manual weeding is expensive	Assessment of herbicide Oxyflurofen in Okra	Assessment	Weed Management	Okra	Rain fed	13	133.4	152.7		35520	53560		Herbicide 'Oxyflurofen' is very effective in controlling weeds in okra.
Jagatsinghpur	2014	Kharif	Low yield due to non-judicious application of fertilizers in brinjal	Assessment of Integrated Nutrient Management in brinjal	Assessment	Integrated Nutrient Management	Brinjal	Rain fed	13	252.4	299.6		72040	102060		Integrated Nutrient Management is beneficial in terms of yield and quality of brinjal.
Jagatsinghpur	14-15	Rabi,	Low yield from local cultivar-Champa	Assessment of performance of Tissue cultured banana variety 'G-9'	Assessment	Varietal evaluation	Tissue cultured banana	Irrigated	05	-	-	-	-	-	-	Results awaited

Jagatsinghpur	14-15	Rabi,	Low yield from Onion variety "N-53"	Assessment of Onion variety "Bhima Super"	Assessment	Varietal evaluation	Onion	Irrigated	13	192.2	236.8		85160	120040		Onion variety "Bhima Super" is better than the old variety 'N-53' in terms of yield and quality.
Jagatsinghpur	2014	Kharif	Low yield due to incidence of BLB in Rice	Assessment of chemicals Plantomycin, Streptocyclin and copper oxychloride in management of BLB in Rice	Assessment	Integrated disease Management	Rice	Rainfed	13	36.2	T2-42.1	T3-43.3	7370	T2-14035	T3-15305	Application of Cu Oxychloride along with plantomycine or streptocyclin is effective in management of BLB in paddy
Jagatsinghpur	2014-15	Rabi	Low yield due Leaf Blight and Rust in Bean	Assessment of Vitavax power and Hexaconazole in management of Leaf Blight and Rust in Bean	Assessment	Integrated Disease Management	Bean	Irrigated	13	42.6	T2-53.3	T3-57.8	33950	T2-53100	T3-60250	Seed treatment with Vitavax power(2gm/kg seed) and foliar spraying of Hexaconazole 5%EC @ 2ml/lit twice at 15 days interval can manage rust and blight in Bean
Jagatsinghpur	2014-15	Rabi	Low yield in Cowpea due to leaf minor infestation	Assessment of chemical Fenvalerate and Chloropyriphos in management of leaf minor infestation in cow pea	Assessment	Integrated Pest Management	Cowpea	Irrigated	13	50.2	T2-55.5	T3-57.4	52200	T2-58150	T3-61650	Spraying of Fenvalerate @2ml/lit and Chloropyriphos @2ml/lit alternating at 10 days interval is effective in management of leaf minor in cow pea
Jagatsinghpur	2013-14	Rabi	Low yield in Green gram due to pod borer and aphids infestation	Assessment of Kerosene Ash mixture and Triazophos in management of Aphids & Pod borer in	Assessment	Integrated Pest Management	Green Gram	Irrigated	13	5.1	T2-6.8	T3-7.3	11230	T2-20390	T3-22740	Spraying of Kerosene Ash mixture(10ml/1 kg Ash) followed by Triazophos 35 % EC @2ml/lit 10

				Green Gram													days after Ist spray is effective in management of Aphids & Pod borer in Green Gram
Jagatsinghpur			Improper water management	Assessment of sugarcane under drip irrigation	Assessment	AEG	sugarcane	Irrigated	5	700 q/ha	1050 q/ha		66500	135500			Drip irrigation in sugarcane saves water and recorded higher yield
Jagatsinghpur	2014-15	Kharif	Manual sowing causes non-uniform spreading	Assessment of manual seed spreader for mat nursery	Assessment	AEG	rice	Irrigated	5	42q/ha	44.5q/ha		23200	28450			
Jagatsinghpur	2014-15	Kharif	Low yield & weed infestation	Assessment of polyethylene mulching in banana	Assessment	AEG	Banana	Irrigated	5	Ongoing							Result awaited
Jagatsinghpur	2014-15	Rabi	Low water use efficiency	Assessment of inline drip irrigation in tomato	Assessment	AEG	Tomato	Irrigated	5	462 q/ha	625 q/ha	603 q/ha	43890	593750	572850		Water saving method and higher yield
Jagatsinghpur	2014-15	Rabi	Threshing capacity is less	Assessment of tractor operated axial flow thresher	Assessment	AEG	Rice	Irrigated	5	Threshing capacity 1.5q/hr	5q/hr	18q/hr					

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)	(T ₃)	FP (T ₁)	RP (T ₂)	Refined (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 herbicide Oxyflurofen (Zargon) in Okra	No of weed count @ 30 DAP	14	04		71200	68600		106720	122160		35520	53560		1.49	1.78	
Jagatsinghpur	Assessment of Integrated Nutrient Management in brinjal	No. of branches/ plant at 60 DAP	11.40	13.75		79400	77700		151440	179760		72040	102060		1.90	2.31	
Jagatsinghpur	Assessment of performance of Tissue cultured banana variety 'G-9'	Height of plant(cm)	126.25	135.35		-	-		-	-		-	-		-	-	
Jagatsinghpur	Assessment of Onion variety "Bhima Super"	No. of leaves/plant at 120 DAP	8.61	9.26		68600	69400		153760	189440		85160	120040		2.24	2.73	
Jagatsinghpur	Assessment of chemicals Plantomycin ,Streptocyclin and copper oxychloride in management of BLB in Rice	Disease incidence (%)	24.3	4.1	3.5	41500	42800	43150	48870	56835	58455	7370	14035	15305	1.17	1.32	1.35
Jagatsinghpur	Assessment of Vitavax power and Hexaconazole in management of Leaf Blight and Rust in Bean	Disease incidence (%)	38.2	9.4	4.6	51250	53500	55350	85200	106,600	115,600	33950	53100	60250	1.66	1.99	2.08

Jagatsinghpur	Assessment of chemical Fenvalerate and Chloropyriphos in management of leaf minor infestation in cow pea	Leaf infestation (%)	43.0	11.7	6.2	48200	52850	53150	100,400	111,000	114,800	52,200	58,150	61,650	2.08	2.10	2.16
Jagatsinghpur	Assessment of Kerosene Ash mixture and Triazophos in management of Aphids & Pod borer in Green Gram	Aphid infested leaf (%)	13.3	5.2	3.8	20900	22450	23250	32130	42840	45990	11230	20390	22740	1.53	1.90	1.97
		Pods infected (%)	11.2	6.8	4.1												
Jagatsinghpur	Assessment of sugarcane under drip	Yield Q/ha	700q/ha	1050 q/ha		87500	95500	-	154000	231000	-	66500	135000	-	1.76	2.4	
Jagatsinghpur	Assessment of manual seed spreader for mat nursery	Q/ha	42 q/ha	44.5 q/ha		33500	31625	-	56,700	60075	-	23200	28450	-	1.7	1.9	
Jagatsinghpur	Assessment of polyethylene mulching in banana	On going	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jagatsinghpur	Assessment of inline drip irrigation in Tomato	Q/ha	462 q/ha	625 q/ha	603 q/ha	76500	83162	-	438900	593750	572850	362400	510588	489688-	5.7	7.1	6.8
Jagatsinghpur	Assessment of tractor operated axial flow thresher	Threshing capacity q/hr	1.5 q/hr	5 q/hr	18 q/hr										1.7	1.77	1.8

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	2014	Kharif	Low income of farm family	Assessment of Rainbow rooster as bagkyard poultry	Assessment	SSIGE	Brooding with proper vaccination	Var- Rainbow rooster,	Enterprise	13	As good layer and meet purpose this breed can be recommended for income generation
Jagatsinghpur	2014-15	Rabi	Low income and malnutrition	Assessment of oyster mushroom Pleuratus Eringii in winter	Assessment	Varietal evaluation	Bed preparation and care	Oyster Mushroom var. – P. Eryngii	Enterprise	13	The variety can be suggested for the farm women for high production per bed and appreciable flavor and texture.
Jagatsinghpur	2014-15	Rabi	High drudgery during parboiling	Assessment of Mini Paddy parboiling unit for Drudgery reduction	Assessment	Drudgery	T1-Manual parboiling T2-Parboiling by parboiling unit	Enterprise	Enterprise	13	Can be suggested to farm women for drudgery reduction during parboiling rice.

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		Producti on per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Savin g in Rs	BC rati o		
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2				
Jagats inghp ur	Assessment of Rainbow rooster as bagkyard poultry													450/-	900/- 20 birds (9month h)	1750/-	5346/-	1.5kg/ bird	3.5kg/b ird	1750/-	5346/-	3596/-	2.05		
Jagats inghp ur	Assessment of oyster mushroom Pleuratus Eringii in winter													32/--	39/-	-		1.8/- kg	2.3kg/b ed	900/-	1610/- /- per10 beds	710/-	3.5		
Jagats inghp ur	Assessment of Mini Paddy parboiling unit for Drudgery reduction	35kg/ batch	75kg/ batch	10.04	8.1 3	118	106		23		87.5														

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Jagatsinghpur	Fertilizer management particularly nitrogen application may be standardised for blast prone rice growing areas
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	Research for high temperature tolerant varieties (suitable for summer season) of French bean is needed for round the year cultivation.
Jagatsinghpur	Research on Biodegradable mulch material should be conducted.
Jagatsinghpur	The length of channel of manual seed spreader should be more for less no of lifting the implement.
Jagatsinghpur	The weight of manual seed spreader machine should be less by substitution of MSsheet by plastic materials.
Jagatsinghpur	Output of exhaust of tractor operated axial flow thresher should be more regulated to prevent pollution

3. Achievements of Frontline Demonstrations

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

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

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Jagatsinghpur	Banana	Integrated Nutrient Management	Cultivation of Tissue cultured banana	Field visit, Training , Exposure visit	06	18	2.6
Jagatsinghpur	Brinjal	Varietal evaluation	Cultivation of wilt resistant variety of brinjal “Utkal Keshari”	Demonstration, Training, Field visit	08	54	32
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	Poultry	SSIGE	Demonstration of Chabro for meat purpose	Scientific method of rearing practices and timely vaccination	4	10	
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	Cultivation of Tissue cultured banana	Field visit, Training , Exposure visit	06	18	2.6

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

3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Enterprizes	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Jagatsinghpur	2014	Kharif	Varietal evaluation	Demonstration of scented rice var. "Nua kalajira"	Paddy	Scented rice var. "Nua kalajira"	2.0	26.7	35.4	32.5	2		1	7	10
Jagatsinghpur	2014	Kharif	INM	Demonstration on application of Nimin coated urea in low land paddy	Paddy	Application of Nimin coated urea in low land paddy	2.0	42.6	46.2	8.5	3		2	5	10
Jagatsinghpur	2014	Kharif	Weed management	Demonstration of herbicide 'Oxyfluorofen' in brinjal	brinjal	Application of herbicide 'Oxyfluorofen' in brinjal	1.0	252.6	294.2	16	1		6	3	10
Jagatsinghpur	2014-15	Rabi	Varietal evaluation	Demonstration of Marigold var. "Siracole"	Marigold	Marigold var. "Siracole"	1.0	121.2	148.6	22	3		2	5	10
Jagatsinghpur	2014-15	Rabi	Varietal evaluation	Demonstration of French bean var. "Pusa Parvati"	French bean	French bean var. "Pusa Parvati"	1.0	180.2	216.8	20	2		6	2	10
Jagatsinghpur	2014-15	Rabi	Varietal evaluation	Demonstration of Watermelon var. "Arka Jyothi"	Watermelon	Watermelon var. "Arka Jyothi"	1.0	256.4	321.2	25	2		4	4	10
Jagatsinghpur	2014	Kharif	Integrated disease Management	Demonstration on management of Blast in Rice	Rice	Pooja	2.0	34.8	42.7	22.7	-	-	3	7	10

Jagatsinghpur	2014	Kharif	Integrated disease Management	Demonstration on management of BPH in Rice	Rice	CR-1018	2.0	36.2	44.8	23.75	-	-	2	8	10
Jagatsinghpur	2014-15	Rabi	Integrated Pest Management	Demonstration on management of YMV in Okra	Okra	Mahyco-10	2.0	121.5	145.8	16.17	-	-	5	5	10
Jagatsinghpur	2014-15	Rabi	Integrated Pest Management	Demonstration on management of tobacco caterpillar in Cauliflower	Cauliflower	White Contessa	2.0	146.1	165.4	13.21	-	-	4	6	10
Jagatsinghpur	2014	Kharif	Farm Mechanisation	Demonstration of Self propelled rice transplanter	Paddy	Self propelled rice transplanter	2.0	38.0	42.2	11	2			4	06
Jagatsinghpur	2014	Kharif	Farm Mechanisation	Demonstration of paddy power weeder	paddy	Paddy power weeder	1.0	40	42	05	1			4	05
Jagatsinghpur	2014-15	Rabi	Protected cultivation	Demonstration of low tunnel in raising vegetable seedlings	vegetables	Low tunnel	0.1	46%	80%	42.5	4			8	12

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	Demonstration of scented rice var. "Nua kalajira"	Paddy	No. of grains/panicle	95	122	27100	28915	40050	53100	12950	24185	1.47	1.83
Jagatsinghpur	Demonstration on application of Nimin coated urea in low land paddy	Paddy	No. of grains/panicle	115	156	37920	39050	57510	62370	19590	23320	1.51	1.60
Jagatsinghpur	Demonstration of herbicide 'Oxyfluorofen' in brinjal	Brinjal	No of weed count @ 30 DAP	12	04	79600	77700	151560	176520	71960	98820	1.9	2.27
Jagatsinghpur	Demonstration of Marigold var. "Siracole"	Marigold	Yield/plant(kg)	0.2616	0.2981	87400	97400	242400	297200	155000	199800	2.77	3.05
Jagatsinghpur	Demonstration of French bean var. "Pusa Parvati"	French bean	No. of pods/plant	21.40	33.70	77900	74500	180200	216800	102300	142300	2.31	2.91
Jagatsinghpur	Demonstration of Watermelon var. "Arka Jyothi"	Watermelon	M:F (sex) ratio	5.97	4.63	60400	66900	128200	160600	67800	93700	2.12	2.82
Jagatsinghpur	Demonstration on management of Blast in Rice	Rice	Disease incidence (%)	13.4	2.6	28600	31800	46980	57645	18380	25845	1.11	1.81
Jagatsinghpur	Demonstration on management of BPH in Rice	Rice	No of hoppers/ Hill	14.0	2.5	27700	32100	48870	60480	21170	28380	1.76	1.88
Jagatsinghpur	Demonstration on management of YMV in Okra	Okra	Infestation (%)	18.5	4.2	41200	44900	97200	116,640	56000	71740	2.35	2.59

Jagatsinghpur	Demonstration on management of tobacco caterpillar in Cauliflower	Cauliflower	Curds infestation(%)	9.4	2.1	42100	45350	1,02,270	1,15,780	60,170	70,480	2.42	2.55
Jagatsinghpur	Demonstration of Self propelled rice transplanter	Paddy	Labour requirement for transplanting	62	04	33500	26192	51680	57392	18180	31200	1.54	2.19
jagatsinghpur	Demonstration of paddy power weeder	Paddy	Labour requirement for weeding	15	02	33500	31862	54400	57120	20900	25258	1.62	1.79
jagatsinghpur	Demonstration of low tunnel in raising vegetable seedlings	vegetables	Germination, percent	46	80	1000	1200	1380	2400	180	1200	1.15	2.0

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/Entreprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Jagatsinghpur	2014-15	kharif	SSIGE	Low income from desi breed of birds	Demonstration of Chhabro for meat purpose	Enterprise	Demonstration of Chhabro for meat purpose	Homestead	100 chicks	10
Jagatsinghpur	2014-15	Kharif	SSIGE	Channa chuni is more expensive for farm women	Demonstration of alternate additives in paddy straw mushroom	Enterprise	Demonstration of alternate additives in paddy straw mushroom	Homestead	100 beds	10
Jagatsinghpur	2015	Rabi	Varietal evaluation	Low income from P.	Demonstration of blue oyster in winter	Enterprise	Demonstration of blue oyster in winter	Homestead	100 beds	8

				Sajarkaju						
Jagatsinghpur	2015	Rabi	SSIGE	To increase the income of fish pond	Demonstration of rearing of duck (white peckin) in fish pond	Enterprise	Demonstration of rearing of duck (white peckin) in fish pond	Pond based	100 chicks	10

3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m ² /h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		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				
Jagatsinghpur	Demonstration of Chhabro for meat purpose												3kg/bird (5month)		800/10bird		2100		150/kg		3000	2100	3.7
Jagatsinghpur	Demonstration of alternate additives in paddy straw mushroom											800g m/bed	1.5 kg/bed	69	55/-		900	800 gm/bed	1.5 kg/bed	900/-	1800/10bed	900	3.2
Jagatsinghpur	Demonstration of blue oyster in winter											2.1 kg/bed	2.4 kg/bed	32/-	39/-		1060	2.1 kg/bed	2.4 kg/bed	1260/-	1440/10bed	1060	3.6
Jagatsinghpur	Demonstration of rearing of duck (white peckin) in fish pond												Result awaited										

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
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Jagatsinghpur	Brinjal	Field days, Farmers Training.	2	60	
Jagatsinghpur	Marigold	Field days, Farmers Training, Media coverage.	3	90	
Jagatsinghpur	French bean	Field days, Farmers Training.	2	60	
Jagatsinghpur	Watermelon	Field days, Farmers Training, Media coverage.	3	90	
Jagatsinghpur	Paddy	Field days, Farmers Training, Media coverage.	6	120	
Jagatsinghpur	vegetable	Field days.	1	20	
Jagatsinghpur	Rice	Training, Demonstration, Field day	4	50	
Jagatsinghpur	Rice	Training, Demonstration, Field day	10	80	
Jagatsinghpur	Okra	Training, Demonstration, Field day	7	60	
Jagatsinghpur	Cauliflower	Training, Demonstration, Group meeting	2	20	
Jagatsinghpur	Poultry	Training, Demonstration	4	50	
Jagatsinghpur	Paddy straw Mushroom	Training, Demonstration, Media coverage	10	80	
Jagatsinghpur	Oyster Mushroom	Training, Demonstration, Media coverage	7	60	
Jagatsinghpur	Duckery	Training, Demonstration, Media coverage	2	20	
Jagatsinghpur	Paddy	Demonstration, Field days, Farmers Training, Media coverage.	3	90	
Jagatsinghpur	Paddy	Demonstration, , Field days, Farmers Training, Media coverage.	2	60	
Jagatsinghpur	vegetables	Demonstration, , Field days.	3	90	

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	-	-	-	-	-

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	Demonstration of herbicide 'Oxyfluorofen' in brinjal	Group discussion, personal contact, field day, field visit	There is an increase in net profit of Rs.26860/ha in demonstrated technology	Farmers will adopt this variety in future because the yield is 16% more than the local
Jagatsinghpur	Demonstration of Marigold var."Siracole"	Group discussion, personal contact, field day, field visit	There is an increase in net profit of Rs.44800/ha in variety "Siracole" of marigold	Farmers will adopt this variety in future because the yield is 22% more than the local
Jagatsinghpur	Demonstration of 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	Farmers will adopt this variety in future because the yield is 18% more than the local cultivar and it has greater
Jagatsinghpur	Demonstration of 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	Farmers will adopt this variety in future because the yield is 22% more than the local cultivar and it has greater
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	Group discussion, personal contact, field	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	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	Minimizes blight incidence and yield increases up to 18	High acceptance of the technology
Jagatsinghpur	Demonstration of Chhabro for meat purpose	Group discussion, personal contact, Training,	There is increase in income of farm women	Well accepted
Jagatsinghpur	Demonstration of alternate additives in paddy straw mushroom	Group discussion, personal contact, Training,	Increase in yield and decrease in cost of cultivation	Highly accepted
Jagatsinghpur	Demonstration of blue oyster in winter	Group discussion, personal contact, Training,	Increase in production	Accepted by farm women for its soft texture and size

Jagatsinghpur	Demonstration of rearing of duck (white peckin) in fish pond	Group discussion, personal contact, Training, Demonstration, Field visit	Increase in productivity of water thereby increase in income from fish pond	Accepted by fisher women
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4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Jagatsinghpur	Fertilizer management particularly Nitrogen application may be standardized for Blast prone rice growing areas.
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	In rainbow rooster, for both egg and meat purpose this breed can be recommended for income generation
Jagatsinghpur	The variety P. eryngii can be suggested for the farm women for high production per bed and appreciable flavor and texture.
Jagatsinghpur	In Parboiling unit there is no facility for measurement of temperature of paddy and water during boiling.

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	04.04.14, Majhisahi	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	08.04. 14, Baniasahidihi	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	09.04. 14, Tulanga	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	12.04. 14, Baniasahidihi	28
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	15.04. 14, Ghodansa	24
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	16.04. 14, Bagoi	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	17.05. 14, Oddisso	23
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	18.05. 14, Phulbelari	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	20.05. 14, Erikundala	24
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	22.05. 14, Erikundala	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	24.06. 14, Erikundala	32
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	29.06. 14, Tulanga	28
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	06.06. 14, Gamhapur	24
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	08.08. 14, Tulanga, Erikundala	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.08. 14, Sanakorkora	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.09. 14, Ranitola	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.09. 14, Kantapada	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.09. 14, Mahira	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.10. 14, Sainito	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.10. 14, Bagoi	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.11. 14, Banito	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.11. 14, Badabelari	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.11. 14, Achutadaspur	22

Abbreviation Used

FW	(A) Farmers & Farm Women	Thematic Areas for Training	
RY	(B) Rural Youths	CRP	Crop Production
IS	(C) Extension Personnel	HOV	Horticulture – Vegetable Crops
ONC	On Campus Training Programme	HOF	Horticulture-Fruits
OFC	Off Campus Training Programme	HOO	Horticulture- Ornamental Plants
M	Male	HOP	Horticulture- Plantation crops
F	Female	HOT	Horticulture- Tuber crops
T	Total	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	CRP	Management of acidic soil	1	2	12		2				6	
Jagatsinghpur	FW	ONC	CRP	Chemical weed control in rice	1	2	8		4				8	
Jagatsinghpur	FW	ONC	CRP	Raising of seedlings with bud in sugarcane by bud chipper	1	2	11		4				5	
Jagatsinghpur	FW	ONC	CRP	Vermicompost production technology	1	2	9		3				8	
Jagatsinghpur	FW	ONC	CRP	Vermiculture production technology	1	2	13		2				5	
Jagatsinghpur	FW	ONC	CRP	Integrated farming system for livelihood security	1	2	12		2				6	
Jagatsinghpur	FW	ONC	CRP	Production of Azolla for feed of cow	1	2	8		4				8	
Jagatsinghpur	FW	ONC	HOV	Vegetable Seedling raising techniques in kharif	1	2	6		2				12	
Jagatsinghpur	FW	ONC	WOE	Techniques of mushroom spawn production	1	2		2		4				14
Jagatsinghpur	FW	ONC	WOE	Techniques of mixed jam preparation from mango for entrepreneurship	1	2								20
Jagatsinghpur	RY	ONC	HOF	Air layering technique in Kagzi lime	1	2	9		3				8	
Jagatsinghpur	RY	ONC	WOE	Popularization of mushroom spawn production	1	2				1				19
Jagatsinghpur	RY	ONC	WOE	Paddy straw mushroom cultivation for entrepreneurship	1	2				2				18
Jagatsinghpur	IS	ONC	CRP	Organic farming for sustainable production	1	2	6		1				3	
Jagatsinghpur	IS	ONC	WOE	Preparation of peanut butter for healthy breakfast for young children	1	2				2				8

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	Care & maintenance of young mango plantations.	1	2	4		2				4	
Jagatsinghpur	RY	ONC	HOF	Grafting techniques in Mango	1	2	12		2				6	
Jagatsinghpur	FW	ONC	HOV	Three tier system of staking in Pointed gourd	1	2	8		4				8	
Jagatsinghpur	FW	ONC	HOV	Propagation techniques of Pointed gourd through cuttings	1	2	11		2				7	
Jagatsinghpur	FW	ONC	PLP	Disease pest management in Okra	1	2	8	3	-	-			6	3
Jagatsinghpur	FW	ONC	PLP	Preparation and use of neem base pesticide for pest control	1	2	7	2					7	4
Jagatsinghpur	FW	ONC	PLP	Disease and pest management in rice nursery	1	2	6	3	1				8	2
Jagatsinghpur	FW	ONC	PLP	Management of Wilt disease in Solanaceous vegetables	1	2	9	1					8	2
Jagatsinghpur	FW	ONC	PLP	Management of disease pest in ground nut	1	2	7	4					8	1
Jagatsinghpur	FW	ONC	PLP	Management of disease pest in banana	1	2	6	3	2				7	2
Jagatsinghpur	FW	ONC	PLP	Management of disease pest in cucurbits	1	2	8	3	-	-			6	3
Jagatsinghpur	FW	ONC	PLP	Management of disease pest in cauliflower and cabbage	1	2	6	3	1				8	2
Jagatsinghpur	FW	ONC	HOV	Low cost structure for onion storage	1	2	10		3				7	
Jagatsinghpur	RY	ONC	HOO	Bouquet preparation from cut flowers	1	2	8		2				10	
Jagatsinghpur	IS	ONC	HOF	High density planting (HDP) in banana	1	2	4		1				5	
Jagatsinghpur	IS	ONC	PLP	Application of new generation insecticides	1	2	5	3	-	-	-	-	1	1
Jagatsinghpur	IS	ONC	PLP	IPM in summer rice	1	2	4	3					2	1
Jagatsinghpur	FW	ONC	CBD	Group Dynamics formation of farm science club and its management	1	2	20						20	0
Jagatsinghpur	FW	ONC	CBD	Farmers organization its formation and management	1	2	20						20	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Jagatsinghpur	FW	ONC	CBD	Gender mainstreaming in agriculture	1	2	14	1		5				
Jagatsinghpur	RY	ONC	CBD	Capacity building programme for Para Extension Workers for sustainable agriculture	1	2	6	9	4	1				
Jagatsinghpur	RY	ONC	CBD	Entrepreneurship development and project module preparation	1	2	19	1						
Jagatsinghpur	FW	OFC	CRP	Use of Azospirillum in low land rice	1	1	10		3				7	
Jagatsinghpur	FW	OFC	HOV	Packaging technique of Tomato	1	1	12		1				7	
Jagatsinghpur	FW	OFC	HOV	Method of application of herbicide Oxyfluorofen in Okra	1	1	7		2				11	
Jagatsinghpur	FW	OFC	HOV	Method of seed treatment with rhizobium culture in French bean.	1	1	10		1				9	
Jagatsinghpur	FW	OFC	HOF	Planting technique of banana variety-G 9	1	1	9		3				8	
Jagatsinghpur	FW	OFC	HOV	Method of application of herbicide "Pendimethalin" in Onion.	1	1	11		1				8	
Jagatsinghpur	FW	OFC	HOO	Propagation techniques in Marigold	1	1	4		11				5	
Jagatsinghpur	FW	OFC	HOV	Method of application of boron in Watermelon.	1	1	6		4				10	
Jagatsinghpur	FW	OFC	PLP	Techniques of safe grain storage	1	1	8	2	2				5	3
Jagatsinghpur	FW	OFC	PLP	Disease pest management in coconut	1	1	7	2					7	4
Jagatsinghpur	FW	OFC	PLP	Borer management in sugarcane	1	1	6	5	1				6	2
Jagatsinghpur	FW	OFC	PLP	Leaf spot and blight management in Betel vine	1	1	8	3					6	3
Jagatsinghpur	FW	OFC	PLP	Integrated management of fruit & shoot borer in brinjal	1	1	9	2					5	4

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	PLP	Management of blast and BPH in rice	1	1	6	3	1				8	2
Jagatsinghpur	FW	OFC	PLP	Management of blight and fruit rot disease in tomato	1	1	6	3	2				7	2
Jagatsinghpur	FW	OFC	PLP	Biological pest control in vegetables	1	1	8	3					7	2
Jagatsinghpur	FW	OFC	PLP	Management of disease pest in greengram	1	1	7	4					8	1
Jagatsinghpur	FW	OFC	AEG	Management of mat nursery for use in rice transplanter	1	1	18		02				20	
Jagatsinghpur	FW	OFC	AEG	Use and operation of paddy power weeder	1	1	17		03				20	
Jagatsinghpur	FW	OFC	AEG	Erection of low tunnel for raising vegetable seedlings	1	1	16		04				20	
Jagatsinghpur	FW	OFC	AEG	Use of coconut dehusker	1	1	15		05				20	
Jagatsinghpur	FW	OFC	AEG	Use of coconut tree climber	1	1	16		04				20	
Jagatsinghpur	FW	OFC	AEG	Use and operation of different harvesting implements for rice	1	1	14		06				20	
Jagatsinghpur	FW	OFC	AEG	Use of plastic mulch in banana cultivation	1	1	18		02				20	
Jagatsinghpur	FW	OFC	AEG	Use and operation of drip irrigation in sugarcane	1	1	17		03				20	
Jagatsinghpur	FW	OFC	WOE	Planning and layout of nutritional gardening	1	1				4				16
Jagatsinghpur	FW	OFC	WOE	Use of improved farm implements for drudgery reduction	1	1				1				19
Jagatsinghpur	FW	OFC	WOE	Paddy straw mushroom cultivation	1	1								20
Jagatsinghpur	FW	OFC	WOE	Duck and poultry rearing in the backyard	1	1								20
Jagatsinghpur	FW	OFC	WOE	Techniques of using insect traps	1	2								20
Jagatsinghpur	FW	OFC	WOE	Low cost brooding technique for poultry	1	1								20
Jagatsinghpur	RY	OFC	WOE	Preparation of decorative items from coir for self	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
				employment										
Jagatsinghpur	FW	OFC	WOE	Oyster mushroom cultivation	1	1								20
Jagatsinghpur	FW	OFC	WOE	Home scale base value addition on oyster mushroom	1	1								20
Jagatsinghpur	FW	OFC	CBD	Mainstreaming of SHG through various agricultural and allied activity	1	1							20	0
Jagatsinghpur	FW	OFC	CBD	Leadership development and role of village level leader for agriculture development	1	1							16	4
Jagatsinghpur	FW	OFC	CBD	Farm Science club formation and its management	1	1							20	
Jagatsinghpur	FW	OFC	CBD	Leadership development and role of village level leader for agriculture development	1	1	19	1						

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	Grafting techniques in Mango	Mango	HOF	07	12		2				6	
Jagatsinghpur	Bouquet preparation from cut flowers	Rose, Tuberose, Marigold	HOO	07	8		2				10	
Jagatsinghpur	Mechanized transplanting in Rice	paddy	Farm mechanisation	07	07		02				01	
Jagatsinghpur	Capacity building programmes for Para extension workers	Enterprise	CBD	03	09		01					

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	Paddy straw mushroom cultivation	Small scale mushroom production unit	10	3	15
Jagatsinghpur	Duck and poultry rearing in the backyard	Poultry unit	23	10	25
Jagatsinghpur	Oyster mushroom cultivation	Small scale mushroom production unit	18	2	8

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	Training & Workshop programme on PPV & FRA	PPV&FRA	Plant variety protection	FW & RY	1	5	62	12	20		6			ICAR	80,000	

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	Application of Herbicide(Oxyflurofen) in Okra	20	40	75	250	
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	Method of application of boron in Watermelon.	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	Method of seed treatment with rhizobium culture in French bean.	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	Bouquet preparation from cut flowers	20	45	80	253	294	50600	59100	1. No. of farmers adopted- 6nos. 2. (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	Low cost structure for onion storage	20	55	80	256	292	47600	56100	1. Area expanded-0.6 ha, 2. No. of farmers adopted- 6nos., 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	Care & maintenance of young mango plantations.	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	Method of application of herbicide "Pendimethalin" in Onion.	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	Planting technique of banana variety-G 9	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	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	Mechanised transplanting in Rice	10	10	90	38.0	42.2	51680	57392	. Area expanded-45 ha, 2. No. of farmers adopted- 22 nos., 3. (i) % change in knowledge:80% , (ii) % change in production: 11.0%, (iii) % change in income:11.6%
Jagatsinghpur	Use and operation of paddy power weeder	20	05	85	40	42	54400	57120	Area expanded-15 ha, 2. No. of farmers adopted- 12 nos., 3. (i) % change in knowledge:75% , (ii) % change in production: 5.0%, (iii) % change in income:5.0%
Jagatsinghpur	Planning and layout of nutritional gardening	20	20	40	128	168	6400	8400	1. Area expanded (ha): 5 blocks 2. No. of farmers adopted (no-12 3. % change in knowledge50%, production33% & Income 32%
Jagatsinghpur	Use of improved farm implements for drudgery reduction	20	15	30	-	-	-	-	1. Area expanded (ha) : 3 blocks 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income: 50%
Jagatsinghpur	Paddy straw mushroom cultivation	20	30	60	0.8gm/bed	1.5kg/bed	80/bed	150/bed	1. Area expanded (ha)5 blocks 2. No. of farmers adopted (no.)18 3. % change in knowledge, 50% production 20%& Income both 18%
Jagatsinghpur	Duck and poultry rearing in the backyard	20	35	70	1.2kg/6month	3.5kg/6month	120/-	350/-	1. Area expanded (ha)5blocks 2. No. of farmers adopted (no.)18 3. % change in knowledge, 50%production 19%& Income15%

Jagatsinghpur	Techniques of using insect traps	20							1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
Jagatsinghpur	Low cost brooding technique for poultry	20	20	40					1. Area expanded (ha)4blocks 2. No. of farmers adopted (no.15) 3. % change in knowledge 50% mortality decreases by25%, production & Income
Jagatsinghpur	Preparation of decorative items from coir for self employment	20	25	50	100 items /person/month	250items/person/month	2000/-	5000/-month	1. Area expanded (ha)4blocks 2. No. of farmers adopted (no.)14 3. % change in knowledge, 50% production 15% & Income15%
Jagatsinghpur	Oyster mushroom cultivation	20	30	60	1.5kg/bed	2.0kg/bed	90/-	120/-	1. Area expanded (ha)4blocks 2. No. of farmers adopted (no.)13 3. % change in knowledge,50% production 33% & Income30%
Jagatsinghpur	Home scale base value addition on oyster mushroom	20	2	10					1. Area expanded (ha)2blocks 2. No. of farmers adopted (no.)3 3. % change in knowledge,20% production & Income
Jagatsinghpur	Techniques of mushroom spawn production	20	10	25					1. Area expanded (ha)3blocks 2. No. of farmers adopted (no.)4 3. % change in knowledge,15% production & Income
Jagatsinghpur	Preparation of peanut butter for healthy breakfast for young children	10	15	30					1. Area expanded (ha)3blocks 2. No. of farmers adopted (no.3) 3. % change in knowledge50%, production & Income
Jagatsinghpur	Techniques of mixed jam preparation from mango for entrepreneurship	20	20	40					1. Area expanded (ha) 2. No. of farmers adopted (no.)15 3. % change in knowledge50%, production & Income
Jagatsinghpur	Popularization of mushroom spawn production	20	10	25					1. Area expanded (ha)3blocks 2. No. of farmers adopted (no.)4 3. % change in knowledge,15% production & Income
Jagatsinghpur	Paddy straw mushroom cultivation for entrepreneurship	20	30	60	0.8gm/bed	1.5kg/brd	80/-	150/-	1. Area expanded (ha)5blocks 2. No. of farmers adopted (no.18) 3. % change in knowledge, 50%production20% & Income18%

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
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-	Critical stage
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-	Critical stage
Jagatsinghpur	Exposure visits	02	04	60	10	7	-	6	-	-do-	-do-	Harvest stage
Jagatsinghpur	Ex-trainees Sammelan	02	1	9	4	5	2	-	-	Impact of training	-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 Stages
				M	F	M	F	M	F			
Jagatsinghpur	Soil health Camp	02	2	132	15	8	4	6	-	Soil health management	Managem ment of acidic and saline soil	Pre sowing stage
Jagatsinghpur	Animal Health Camp											
Jagatsinghpur	Agri mobile clinic	05	05	48		12		4		Managem nt of pest and diseases	Plant protection measures	Maturity stage
Jagatsinghpur	Soil test campaigns	05	06	58	16	10	6	7	-	Importan ce of soil test	Soil sample collection and testing	Pre sowing stage
Jagatsinghpur	Farm Science Club conveners meet	02	05	66	16	18	10	10	-	Awarene ss of Agril. technology	Agricultur e & allied topics	
Jagatsinghpur	Self Help Group conveners meetings	04	03	14	12	8	6	3	-	Awarene ss of Agril. technology	Agricultur e & allied topics	
Jagatsinghpur	Mahila Mandals conveners meetings	02	02	-	50	-	12	-	5	Awarene ss of Agril. technology	Agricultur e & allied topics	
Jagatsinghpur	Celebration of important days (World environment day)	04	04	59	18	36	12	3	1	Awarene ss of Agril. technology	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	01-04-14	Quarterly	500	500
Jagatsinghpur	01-07-14	Quarterly	500	500
Jagatsinghpur	01-10-14	Quarterly	500	500
Jagatsinghpur	01-01-15	Quarterly	300	300

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Jagatsinghpur	Booklet	Gramina mahilanka atma nijukti pain pala chhatu chasa	Mrs. M. Sarangi, SMS (Home Science)	200
Jagatsinghpur	Booklet	Sita dinia dhingiri chhatu chasa	Mrs. M. Sarangi, SMS (Home Science)	200
Jagatsinghpur	Leaflet folder	Khola aganare rangin kukuda palana	Mrs. M. Sarangi, SMS (Home Science)	1000
Jagatsinghpur	Research paper	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	Research paper	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	Research paper	Knowledge of tribal farmer in watershed area	S.R. Dash, S.D. Mukhopadhyay	
Jagatsinghpur	Research paper	Involvement of tribal farmers in watershed activities	S.R. Dash, S.D. Mukhopadhyay	
Jagatsinghpur	Research paper (Abstract)	Intervention with pond based integrated farming system increases net return	A.Dhal, S.R. Das, and L. Mohanty	
Jagatsinghpur	Research paper	Effect of different Carbon and Nitrogen sources on mycelia growth of <i>Alternaria solanii</i> , the incidence of early blight disease of tomato	A.Dhal, S. K. Beura, S.K. Palai and B. Khamari	

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	Cereals	Paddy	CR Dhan-10(Satyakrishna)	146			292
Jagatsinghpur	Cereals	Paddy	Pratikshya	90			180
Jagatsinghpur	Pulses	Green gram	SML-668	2.5			

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	Vegetables	Brinjal	Utkal Tarini	4620	4620	68	0.16
Jagatsinghpur	Vegetables	Tomato	Utkal Dipti	2210	2210	36	0.07
Jagatsinghpur	Vegetables	Chilli	Utkal Ava	1120	1120	28	0.03

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	Vermin		1200	1200		
Jagatsinghpur	Bio Agents						
Jagatsinghpur	Bio Fertilizer	Vermi compost	8.32		4160		
Jagatsinghpur	Bio Fertilizer						
Jagatsinghpur	Mushroom spawn			326	4890	126	-

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	Chhabaro	21 days chicks	235	9400	70
Jagatsinghpur	Rabbit	-	-	6	750	5
Jagatsinghpur	Fingerlings	IMC		18kg	9000	15

9. Activities of Soil and Water Testing Laboratory :

9.1 Details of soil samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Jagatsinghpur		-		21	21	5	-	-

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)
Jagatsinghpur	-	-	-	-	-	-	-	-

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	Sept.	2014	Management of acidic soil	2 days	20	2		20
Jagatsinghpur	Oct.	2014	Chemical weed control in rice	2 days	20	2		20
Jagatsinghpur	Oct.	2014	Raising of seedlings with bud in sugarcane by bud chipper	2 days	20	2		20
Jagatsinghpur	Nov.	2014	Vermicompost production technology	2 days	20	2		20
Jagatsinghpur	Nov.	2014	Vermiculture production technology	2 days	20	2		20
Jagatsinghpur	Dec.	2015	Integrated farming system for livelihood security	2 days	20	2		20
	Jan.		Organic farming for sustainable production	2 days	10	2		20
Jagatsinghpur	Feb.	2015	Production of Azolla for feed of cow	2 days	20	2		20
Jagatsinghpur	June	2014	Vegetable Seedling raising techniques in kharif	2 days	20	2		20
Jagatsinghpur	July	2014	Air layering technique in Kagzi lime	2 days	20	2		20
Jagatsinghpur	July	2014	Care & maintenance of young mango plantations.	2 days	10	2		20
Jagatsinghpur	August	2014	Grafting techniques in Mango	7days	20	7		20
Jagatsinghpur	Dec.	2014	Three tier system of staking in Pointed gourd	2 days	20	2		20
Jagatsinghpur	Dec.	2014	Propagation techniques of Pointed gourd through cuttings	2 days	20	2		20
Jagatsinghpur	Jan.	2015	Low cost structure for onion storage	2 days	20	2		20
Jagatsinghpur	Feb.	2015	Bouquet preparation from cut flowers	7 days	20	2		20
Jagatsinghpur	March	2015	High density planting (HDP) in banana	2 days	10	2		20
Jagatsinghpur	July	WOE	Techniques of mushroom spawn production	2 days	20	2		20
Jagatsinghpur	July	2015	Techniques of mixed jam preparation from mango for entrepreneurship	2 days	20	2		20
Jagatsinghpur	August	2015	Air layering technique in Kagzi lime	2 days	10	2		20
Jagatsinghpur	Dec.	2015	Popularization of mushroom spawn production	2 days	20	2		20
Jagatsinghpur	Dec.	2015	Paddy straw mushroom cultivation for entrepreneurship	2 days	20	2		20
Jagatsinghpur	Jan.	2015	Preparation of peanut butter for healthy breakfast for young children	2 days	20	2		20
Jagatsinghpur	Feb.	2015	Disease pest management in Okra	2 days	20	2		20
Jagatsinghpur	Nov.	2015	Preparation and use of neem base pesticide for pest control	2 days	20	2		20
Jagatsinghpur	Nov.	2015	Disease and pest management in rice nursery	2 days	10	2		20
Jagatsinghpur	Dec.	2015	Management of Wilt disease in Solanaceous vegetables	2 days	20	2		20
Jagatsinghpur	Nov.	2015	Management of disease pest in ground nut	2 days	20	2		20

Jagatsinghpur	Nov.	2015	Management of disease pest in banana	2 days	20	2		20
Jagatsinghpur	Dec.	2015	Management of disease pest in cucurbits	2 days	10	2		20
Jagatsinghpur	Jan.	2015	Management of disease pest in cauliflower and cabbage	2 days	20	2		20
Jagatsinghpur	Feb.	2015	Application of new generation insecticides	2 days	20	2		20
Jagatsinghpur	June	2015	IPM in summer rice	2 days	20	2		20
Jagatsinghpur	June	2014	Training conducted by Tripti, Erasama	6days	36	7		36
Jagatsinghpur	Aug	2014	Mechanized transplanting in Rice	7 days	10	10		10
Jagatsinghpur	Aug	2014	Capacity building programmes for Para extension workers	3 days	10	10		10
Jagatsinghpur	Sept	2014	Group Dynamics formation of farm science club and its management	2 days	20	2		20
Jagatsinghpur	Oct	2014	Farmers organization its formation and management	2 days	20	2		20
Jagatsinghpur	Nov	2014	Gender mainstreaming in agriculture	2 days	20	2		20
Jagatsinghpur	Dec	2014	Capacity building programme for Para Extension Workers for sustainable agriculture	2 days	20	2		20
Jagatsinghpur	Jan	2015	Entrepreneurship development and project module preparation	2 days	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	4	2	Due to transfer of staff

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Jagatsinghpur	22.7.2014 (Kharif)	26	<ul style="list-style-type: none"> ■ 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 ■ 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

			<p>of the district</p> <ul style="list-style-type: none"> ■ 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 ■ KVK should adopt saline affected villages in Erasama Block
Jagatsinghpur	12.12.2014(Rabi)	30	<ul style="list-style-type: none"> ■ Assessment of saline resistant paddy variety ■ Varietal replacement of greengram ■ Demonstration of duckery and colour bird ■ Demonstration on Management of BPH in paddy ■ Emphasis should be given on establishment of Moong processing unit (Unit) ■ Conservation of local farmers preferred crop varieties on paddy and pulse ■ More nos. of farmers should be enrolled under KMA

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.		
KVK, Jagatsinghpur	92	2826	70	Through the Govt. of India site mKISSAN	Plant Protection, Women in Agriculture, Horticulture, Ag. Engineering, Agronomy

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	PPV &FRA Training cum Awareness Programme	Protection of Plant Varieties and Farmers Right Authorities, Govt. of India	80,000	Training –cum- Awareness Programme	Jagatsinghpur and Kendrapara district	100 nos. of participants
Jagatsinghpur	TRIPTI, OLM	State	-	Training on IPM for seed growers of TRIPTI, Jagatsinghpur on 05.12.2014	Kosthi Mallikapur, Erasamapur	50 no.s of participants
Jagatsinghpur	BGREI	State	-	Crop cutting and field day unde BGREI Programme on 19.12.2014	Biridi Block	50
Jagatsinghpur	State	State	-	Celebration of Panipanchayat fortnight through convergence on 26.12.2014	Manijanga, Tirtol	200
Jagatsinghpur	Reliance Foundation Information Services	Corporate	-	Knowledge fair on ICT based information to farmers on 02.01.2015	Jagatsinghpur	100
Jagatsinghpur	RKVY	Central	-	E-Pest Surveillance training	O/O DDA, Jagatsinghpur	-
Jagatsinghpur	ICAR	Central	-	ICAR-SAU and Govt. Line Department Interface	CRRI, Cuttack	40
Jagatsinghpur	NHM	Central	-	Nursery visit inspection of planting materials at Jagatsinghpur and Cuttack	Jagatsinghpur and Cuttack	20
Jagatsinghpur	ATMA	State		National project on Management of soil health and fertility	Balikuda, Erasama	100

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Jagatsinghpur	30773631818	279810	25726	25726

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Jagatsinghpur	Sri Sananda Sahoo	Individual	ICAR Regional Committee	
Jagatsinghpur				

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent?

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

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
	Crop Cafeteria	
	Technology Desk	
	Visitors Gallery	
	Technology Exhibition	
	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 Hussien	Innovation in poultry feed management	Samang, Jagatsinghpur, 9776707786

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	2	60

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Jagatsinghpur	6	2	45	10

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

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

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
01	Puri	Seeds, Planting materials	
02	Kendrapara	seed	

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Jagatsinghpur	Sj. Satya Kumar Mallick,	12.12.14			Collector & District Magistrate, Jagatsinghpur	Appreciated
Jagatsinghpur	Prof. S.R. Das,	15.01.15		Professor Emeritus, Deptt. of PBG (Retd.)		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	7	-

26. E-CONNECTIVITY : N.A

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			
Jagatsinghpur							

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	Jagatsinghpur	2	2	Compiled and reported

28. Status of Citizen Charter

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

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Jagatsinghpur	A. Dhal	Programme Coordinator	2	IGKV, Raipur
Jagatsinghpur	S. R. Dash	SMS (Extn)	1	DRI, KVK, Satna, Chitrakut
Jagatsinghpur	S. R. Dash	SMS (Extn)	1	IGKV, Raipur
Jagatsinghpur	S. R. Dash	SMS (Extn)	1	CIFA, Bhubaneswar
Jagatsinghpur		Total	5	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Jagatsinghpur	2	5

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Jagatsinghpur	Mr. A.K. Mohanty	SMS (Horticulture)	1	Capacity building programme
Jagatsinghpur	Mrs. M. Sarangi	SMS (Home Science)	1	Capacity building programme
Jagatsinghpur	Mr. A. Dhal	Programme co-ordinator	1	Capacity building programme
Jagatsinghpur	Mr. R.N. Pradhan	Farm Manager	1	Capacity building programme
Jagatsinghpur	S R Dash	SMS (Ag Ext)	1	Capacity building programme
Total			5	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Jagatsinghpur	5	5

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	A. Dhal	Programme Coordinator	1	Directorate of Extension Education, OUAT, Bhubaneswar.
Jagatsinghpur	A. Mohanty	SMS(Horticulture)	1	Directorate of Extension Education, OUAT, Bhubaneswar.
Jagatsinghpur	Mrs. M. Sarangi,	SMS (Home Science)	1	Directorate of Extension Education, OUAT, Bhubaneswar.

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Jagatsinghpur	3	3

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	Cyclone damage report	Damage report in the district	ZPD unit and SAU

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock 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

Vermis Produced

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

Large scale adoption of resource conservation technologies

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

			farmers

Awareness campaign

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

35. Proposal of NICRA-- NA

1. Technologies to be Demonstrated

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

2. Proposed Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	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)—NIL

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.	KVK, jagaysinghpur	2	

SUCCESS STORY-1

Name of the KVK- KVK, Jagatsinghpur

Title :- Demonstration of French bean var. “Pusa Parvati”.

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 French bean, cowpea, 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 “French bean var. “Pusa Parvati” in Rabi 2014-15 in 1.0 ha.

Out put

Result	Yield q/ha	% change in yield	Plant height(cm) at 60 DAS	% change in parameter	No. of branches	% change in parameter	No. of pods/plant	% change in parameter	Cost of cultivation (q/ha)	Gross return	Net Income	BC ratio
FP	180.2		46.8		6.17		21.40		77900	180200	102300	2.31
RP	216.8	20.31	52.6	12.39	8.33	35	33.70	57.47	74500	216800	142300	2.91

Out come

In the potential patch of 1.5 hectare of vegetables crops French bean 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 20.31%. He spent Rs.74500/ha as cost of cultivation against which he earned Rs. 1,42,300/ha as net profit with a benefit cost ratio of 2.91:1. 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.

SUCCESS STORY-2

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 .

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) –