



ANNUAL PROGRESS REPORT

April 2015 to March 2016

**KRISHI VIGYAN KENDRA,
JAGATSINGPUR**

Contents

Sl. No.	Particular	Page No
	Instructions for Filling the Format	03
	Summary of KVK Annual Report (Quantifiable Achievement) for the year 2015-16	04
1	General Information	06
2	On Farm Testing	9
3	Achievements of Frontline Demonstrations	14
4	Documentation of the need assessment conducted by the KVK for the training programme	21
5	Training programmes	23
6	Extension Activities	32
7	Literature Developed/Published (with full title, author & reference)	33
8	Production and supply of Technological products	34
9	Activities of Soil and Water Testing Laboratory	35
10	Rainwater Harvesting	44
11	Utilization of Farmer Hostel facilities	35
12	Utilization of Staff Quarter facilities	36
13	Details of SAC Meeting	36
14	Status of Kisan Mobile Advisory	36
15	Status of Convergence with agricultural schemes	36
16.	Status of Revolving Funds	37
17.	Awards & Recognition	37
18.	Details of KVK Agro-technological Park	37
19.	Farm Innovators	37
20.	KVK interaction with progressive farmers	38
21.	Outreach of KVK	38
22.	Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize	38
23.	KVK Ring	38
24.	Important visitors to KVK	38
25.	Status of KVK Website	39
26.	Status of E-connectivity	39
27.	Status of RTI	39
28.	Status of Citizen Charter	39
29.	Attended HRD activities organized by ZPD	39
30.	Attended HRD activities organized by DES	40
31.	Attended HRD activities by KVK Staff	40
32	Agri Alert report	40
33.	Details of Technological Week Celebration	40
34.	Interventions on Drought Mitigation	41
35.	Proposal of NICRA	42
36.	Proposed works under NAIP	43
37.	Case study / Success Story to be developed	44
38.	Action Photographs	46

Instructions for Filling the Format

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

REPORTING PERIOD – April 2015 to March 2016
Summary of KVK Annual Report (Quantifiable Achievement) for the year 2015-16

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	12	209	
	On Going OFT	0	0	
	Technologies assessed (Completed OFT)	12	209	
	Technologies refined	0	0	
	On farm trials conducted	12	209	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	11	101	
	On Going Frontline demonstrations	0	0	
	FLDs conducted on crops	04	40	
	Area under crops (ha.)	4.0	40	
	FLD on farm implement and tools	01	10	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	04	36	
	FLD on Fisheries - Finger lings	01	05	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	01	10	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)			
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	32	53	670
	Farm women	13	14	284
	Rural youth	06	08	140
	Extension personnel/ In service	07	08	70
	Vocational trainings	04	20	50
	Sponsored Training	05	09	225
	Total	67	112	1439
		No. of programmes	Participants	
4	Extension Programmes	1215	9824	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	200	OSSC LTD	
	Planting material produced (nos.)	2243	15	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains ,poultry (Nos)			
	Milk Yield - Cow, Buffelo etc. (in liter)			
	Fish (Kg.)			
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			
	Ducks (nos.)	364	12	
	Chicks etc. (nos.)	9939	155	

7	Bio Products		Qty	Beneficiaries (nos.)
	Bio Agents -Earth worm (Kg.)			
	Trichoderma (kg.)			
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)		3.32	-
	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.)		7	6500
	KVK News letter		2	1000
	SAC Meetings conducted		2	60
	Soil sample tested		383	383
	Water sample tested		0	0
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)			
	KVK-KMA (Message and beneficiaries)		35	2918
	Convergence programmes		2	
	Sponsored programmes		7	225
	KVK Progressive Farmers interaction		2	50
	No. of Technology Week Celebrations		11	1728
	Attended HRD activities organized by ZPD		2	
	Attended HRD activities organized by DES		2	
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)		-	
9	Current status of Revolving Funds (Amt. in Rs.) 410018.00			
10			No. of blocks	No. of villages
	Outreach of KVK in the District		8	112
11			ICAR	SAU Others
	No. of important visitors to KVK (nos.)		5	3 2
12			Working (Yes/No)	No. of Update
	Status of KVK Website		YES	7
13			Application received	Application disposed
	Status of RTI (nos.)		3	2
14			Query received	Query dissolved
	Citizen Charter (nos.)			
15			Working (Yes/No)	No. of programme viewed
	E-connectivity			
16			Filled	Vacant
	Staff Position		15	1
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)			5
18	Publication received from ICAR /other organization (nos.)			
19			Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)		NA	

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2016

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Jagatsinghpur	16	1	0	6	6	3	3	6	5	16	15

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Jagatsinghpur	Programme Coordinator	Vacant	-	-	-	-	-	-	-	-
Jagatsinghpur	Subject Matter Specialist1 (I/c Programme Co-ordinator)	Dr Debasis Mishra	Pathology	Ph .D.	plant Pathology	15600-39100 + AGP 6000/-	19810	2.11.2015	Temporary	Others
Jagatsinghpur	Subject Matter Specialist2	Ashis Ku. Mohanty	Horticulture	M. Sc. (Ag.)	Horticulture	15600-39100 + AGP 6000/-	23070	14.01.2005	Temporary	Others
Jagatsinghpur	Subject Matter Specialist3	Madhumita Sarangi	Home Science	MSc (Home Science)	CD & Family Welfare	15600-39100 + AGP 6000/-	19810	09.09.11	Temporary	Others
Jagatsinghpur	Subject Matter Specialist4	Samir Ranjan Dash	Extension	M.Sc. (Ag)	Agril Extension	15600-39100 + AGP 6000/-	23070	10.01.13	Temporary	Others
Jagatsinghpur	Subject Matter Specialist5	Dr. Prabhat Kumar Padhi	Animal Science	M.V.Sc.	Pharmacology and toxicology	15600-39100 + AGP 6000/-	15600	16.06.2015	Temporary	Others
Jagatsinghpur	Subject Matter Specialist5	Bijay Ku Routray	Plant protection	M.Sc. (Ag)	Entomology	15600-39100 + AGP 6000	22220	2.2.2016	Temporary	Others
Jagatsinghpur	Subject Matter Specialist6	Vacant	-	-	-	-	-	-	-	-
Jagatsinghpur	Programme Assistant	Siba Prasad Mishra	Agriculture	B.Sc. (Ag.)	-	9300-34800 + AGP 4200/-	15240	01.07.05	Temporary	Others
Jagatsinghpur	Farm Manager	Rabindra Kumar Pradhan	Horticulture	MSc.(Ag)		9300-34800 + AGP 4200/-	9710	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	Bibhu Prasad Sahoo				9300-34800 + AGP 4600/-	13450	23.12.2015	Permanent	Others
Jagatsinghpur	Stenographer	Kamal Lochan Mahanta	Comp Sc	MCA		5200 -20200 +GP 2400	7560		Temporary	OBC
Jagatsinghpur	Driver	Pradipta Kumar Barik		9 th class		5200-20200 +1900 GP	7130	04.08.08	Temporary	Others
Jagatsinghpur	Driver	Manoj Kumar Sahoo		9 th class		5200+ 1900 GP	7130	14.11.13	Temporary	Others
Jagatsinghpur	Supporting staff	Kashinath Bihari		5 th Class		4400-7400+ 1500 GP	6010	19.12.07	Temporary	Others
Jagatsinghpur	Supporting staff	Urbasi Nayak		5 th Class		4400-7400+ 1500 GP	6010	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 (T ₁)	RP (T ₂)	T ₃	FP (T ₁)	RP (T ₂)	T ₃	
Jagatsinghpur	2015	Kharif	Low yield(80q/ha) due to old variety and pest infestation	Assessment of Integrated Crop Management for leaf minor in cowpea	Assessment	ICM	Cowpea	Rainfed medium land	7	106.42	158.68	146.46	32336	68344	60968	Spraying of of Neem oil @ 4ml/lit alternate with Lambdacyhalothrin 2.5 EC @ 1.5 ml/lit is very effective in controlling leaf minor in cowpea var. "Kashi Kanchan"
Jagatsinghpur	2015-16	Rabi	Low yield and heavy infestation of disease and pest	Assessment of integrated crop management for management of thrips and purple blotch in Onion.	Assessment	ICM	Onion	Irrigated medium land	7	192.2	326.81	298.64	55660	165048	42712	Alterante spraying of thiomethoxam with pyometrizine (metalyxyl+ mancozeb) is effective for management of thrips and purple blotch in Onion var. "Bhima Super"
Jagatsinghpur	2015-16	Rabi	Low yield and income,	Assessment of Tomato varieties for yield and value addition with group approach.	Assessment	Varietal evaluation	Tomato	Irrigated medium land	7	378.46	522.24	780.50	24412	52648	97680	Tomato var. "Swarna Sampad" is a high yielding F1 hybrid with combined resistance to Tomato Leaf Curl Virus (TLCV) and bacterial

																	wilt can be taken as a profitable crop by the farmers.
Jagatsinghpur	2015-16	Kharif + Rabi	Farmers are not getting information regularly and timely	Assessment of effectiveness of KMA in adoption of technology in Paddy cultivation	Assessment	ICT	Enterprise		50								ICT/KMAS helped farmers with value added services to improve the productivity and provide timely information to farmers
Jagatsinghpur	2015-16	Kharif & Rabi	Low efficiency of existing rural marketing system	Analyzing various Steps & Channels involved in marketing of food Grains (Kharif) vegetables (Rabi) from 'Farm To Plate'	Assessment	Ag marketing	Enterprise		30								Producers share in consumer s price is around 35 to 50 % in existing agrl market system
Jagatsinghpur	2015	Kharif	Suboptimal utilization of scavenged feed leading to slow growth	Assessment of Multienzyme mixture on growth of scavenging chicken	Assessment	LPM	Enterprise	Homestead	21 (210 birds)	1.1 kg	1.6 kg	1.7kg	Rs500	Rs 1720	Rs 1950		Multienzyme mixture improved feed utilization in scavenging chickens in 45-90 day age group.
Jagatsinghpur	2015-16	Rabi	Reduced availability of feed for goats during lean season	Assessment of concentrate feeding on production performance of goats during lean season	Assessment	LPM	Enterprise	Homestead	20 (200 goats)	4-6 month body weight change 2.7 kg	3.9 kg						Feed and mineral supplementation in march –April period improved general appearance of goats as well as their body weight
Jagatsinghpur	2015	Kharif	Slow growth and less egg production from local ducks	Assessment of dual purpose native cross under free range for meat and egg production	Assessment	LPM	Enterprise	Homestead	7 (210 ducks)	0.6kg 1.3 kg	1.1 kg 1.7 kg	1.4kg 1.9kg	Rs 420	Rs 600	Rs 1060		Native cross ducks are slightly better in terms of growth rate than local ducks.
Jagatsinghpur	2015-16	Rabi	Delayed puberty in heifers	Assessment of trace mineral feeding on performance of heifers	Assessment	LPM	Enterprise	Homestead	21 (21 heifers)	2 years 2 months	1 year 8 months	1 year 7 months					Trace mineral supplementation led quick maturity of heifers already past maturity age .

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 (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice (T ₃)
Jagatsinghpur	Assessment of Integrated Crop Management for leaf minor in cowpea	No. of pods/plant	28.2	42.6	52800	58600	56200	85136	126944	117168	32336	68344	60968	1.61	2.16	2.08
		Leaf minor incidence (%)	42.9	21.9												
Jagatsinghpur	Assessment of integrated crop management for management of thrips and purple blotch in Onion.	Thrips population (No.)	45.63/ plant	33.50/ plant	98100	96400	96200	153760	261448	238912	55660	165048	142712	1.56	2.71	2.48
		Purple blotch (PDI)%	70.73	54.25												
Jagatsinghpur	Assessment of Tomato varieties for yield and value addition with group approach.	Plant Height (cm)	65	78	51,280	51800	58,420	75692	104448	156100	24412	52648	97680	1.47	2.01	2.67
		No. of fruits/plant	52	88												
		Avg. Fruit Wt.(gm)	89	82												
Jagatsinghpur	Assessment of effectiveness of KMA in adoption of technology in Paddy cultivation	Knowledge level	35	60												
		Timeliness	25%	75%												
		Applicability	20%	80%												
Jagatsinghpur	Analyzing various Steps & Channels involved in marketing of food Grains (Kharif) vegetables (Rabi) from 'Farm To Plate'	Increase in return per quintal paddy	950	1360												
		Producers share in consumer price (Rice 2000 /qtl)	47.5%	67.%												
		Comparative market price in Brinjal -20/kg	800/- per qtl	1500/- per qtl												
		Producers share in consumer price	40.0%	75%												
Jagatsinghpur	Assessment of Multienzyme mixture on growth of scavenging chicken	Body weight at 90 days	0.9 kg	T2: 1.6 kg T3: 1.8kg	250/- per 10 birds	680/- per 10 birds	750/- per 10 birds	1350/- per 10 birds	2400/- per 10 birds	2700/- per 10 Birds	500	1720	1950	5.4	3.52	3.60
Jagatsinghpur	Assessment of dual purpose native cross ducks under free range for meat and egg production	Body weight at 2 months, 6 months, monthly egg production per flock.	0.6kg	T2: 1.1 kg T3: 1.4kg	300/- per 10 ducks	720/- per 10 ducks	620/- per 10 ducks	720	1320	1680	420	600	1060	2.4	1.83	2.70
Jagatsinghpur	Assessment of trace mineral feeding on performance of heifers	Age at puberty	2 years 2 months	T2: 1 year 8 months T3: 1 year 7 months	3500/- per heifer	4000/- per heifer	4600/- per heifer	0 for 5 month late maturity	15840	19800	0	11840	15200			
Jagatsinghpur	Assessment of concentrate feeding on production performance of goats during lean season	Change in body weight	4-6 mth body wt change 2.3 kg	3.9 kg	300/-per goat in 2 months	480/- per goat in 2 months		2040/- per goat	2520/- per goat		1740	2040		6.8	5.25	

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	2015	Kharif	Less egg & meat production from the existing variety	Assessment of Denimred breed of poultry in backyard	Assessment	SSIGA	Scientific management practices of rearing	Denimred	Homestead	13	The colour bird Denimred can be reared as backyard as a good layer and meat purpose bird
Jagatsinghpur	2016	Rabi	Less production from <i>P. Sajarkaju</i>	Assessment of oyster mushroom <i>Pleurotus pulmonarius</i> in winter	Assessment	SSIGA	Package of preparation of bed and care	<i>Pleurotus pulmonarius</i>	Homestead	13	The Oyster mushroom <i>Pleurotus pulmonarius</i> can withstand higher temperature. It can be grown in winter for higher production per bed with appreciable flavor and texture.
Jagatsinghpur	2016	Rabi	Distress sale of product during peak period	Assessment of value addition of tomato	Assessment	Value addition	Preparation of sauce and its preservation by judicious addition of preservatives	Tomato	Homestead	13	Value addition can check distress sale and generate an additional profit of Rs.1500/per quintal

2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	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		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2				
Jagatsinghpur	Assessment of oyster mushroom <i>Pleurotus pulmonarius</i> in winter																	1.8	2.3	900/- 10 beds	1610/ 10 beds	710/ 10beds	3.5
Jagatsinghpur	Assessment of Denimred breed of poultry in backyard																	1.5	3.5	1750/- 20 bird	5346/ 20 bird	3596/ 20 birds	3.05
Jagatsinghpur	Assessment of value addition of tomato																	7days (Keeping quality)	6month (Keeping quality)	30/3kg	75/- 3kg	45/- 3kg	2.5

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Jagatsinghpur	In high temperature the mushroom <i>P. Pulmonarius</i> var. gives suitable production
Jagatsinghpur	Denim red breed is a suitable breed of poultry for egg production
Jagatsinghpur	Value addition can check distress sale and generate an additional profit of Rs.1500/per quintal
Jagatsinghpur	Spraying of of Neem oil @ 4ml/lit alternate with Lambdacyhalothrin2.5 EC @ 1.5 ml/lit is very effective in managing leaf minor in cowpea var. "Kashi Kanchan"
Jagatsinghpur	Alterante spraying of thiomethoxam with pyometrizine (metalyxyl+ mancozeb) is effective for management of thrips and purple blotch in Onion var. "Bhima Super"
Jagatsinghpur	Tomato var. "Swarna Sampad" is a high yielding F1 hybrid with combined resistance to Tomato Leaf Curl Virus (TLCV) and bacterial wilt can be taken as a profitable crop by the farmers.
Jagatsinghpur	ICT/KMAS helped farmers with value added services to improve the productivity and provide timely information to farmers
Jagatsinghpur	Producers share in consumer's price is around 35 to 50 % in existing agricultural market system

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	Paddy	Varietal evaluation	Demonstration of scented rice var. "Nua kalajira"	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	06	18	2.6
Jagatsinghpur	Paddy	INM	Demonstration on application of Nimin coated urea in low land paddy	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	08	54	32
Jagatsinghpur	brinjal	Weed management	Demonstration of herbicide 'Oxyfluorofen' in brinjal	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	07	82	16.8
Jagatsinghpur	Marigold	Varietal evaluation	Demonstration of Marigold var. "Siracole"	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	05	65	9.0
Jagatsinghpur	French bean	Varietal evaluation	Demonstration of French bean var. "Pusa Parvati"	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	4	10	
Jagatsinghpur	Watermelon	Varietal evaluation	Demonstration of Watermelon var. "Arka Jyothi"	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	90	780	450
Jagatsinghpur	Rice	Integrated disease Management	Demonstration on management of Blast in Rice	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	06	30	25
Jagatsinghpur	Rice	Integrated disease Management	Demonstration on management of BPH in Rice	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	08	72	140
Jagatsinghpur	Okra	Integrated Pest Management	Demonstration on management of YMV in Okra	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	03	20	15
Jagatsinghpur	Cauliflower	Integrated Pest Management	Demonstration on management of tobacco caterpillar in Cauliflower	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	08	54	32
Jagatsinghpur	Paddy	Farm Mechanisation	Demonstration of Self propelled rice transplanter	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	08	24	9.4
Jagatsinghpur	Paddy	Farm Mechanisation	Demonstration of paddy power weeder	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	07	82	16.8
Jagatsinghpur	Vegetables	Protected cultivation	Demonstration of low tunnel in raising vegetable seedlings	Field day, Trainings, Group discussion and meeting booklets-leaflets, CD show	05	65	9.0

Note-

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

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

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

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

3.2 Details of FLDs implemented

KVK Name	Year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/ Technology/ Entreprizes	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Jagatsinghpur	2015	Kharif	Weed Management	Demonstration of herbicide Oxyfluorofen (Zargon) in Okra	Okra	Mahyco-10	1.0 ha	184.48	212.76	15.32	2	0	6	2	10
Jagatsinghpur	2015-16	Rabi	Varietal evaluation	Demonstration of Onion variety "Bhima Super"	Onion	Bhima Super	1.0 ha	190.22	238.81	25.54	3	0	4	3	10
Jagatsinghpur	2015-16	Rabi	Varietal evaluation	Demonstration of French bean variety "Pusa Parvati" :	French bean	Pusa Parvati	1.0 ha	178.28	218.64	22.63	7	0	3	0	10
Jagatsinghpur	2015-16	Rabi	Varietal evaluation	Demonstration of watermelon variety "Arka Jyothi" :	Watermelon	Arka Jyothi	1.0 ha	252.42	324.26	28.46	4	0	2	4	10
Jagatsinghpur	2015	Kharif	LPM	Demonstration on rearing of white pekin ducks for meat purpose	Duckery	White pekin	5(50 birds)	0.8 kg	1.9 Kg	137	0	0	5	0	5
Jagatsinghpur	2015	Kharif	LPM	Demonstration on backyard poultry in post adverse climatic situations	Poultry	Dual purpose backyard poultry	16 (160 bird)	56% (Survivability) 1 Kg (Body Wt.) 8 (Monthly Egg Production)	78% 2.1kg 17	39% 90% 112%	0	4	12	0	16
Jagatsinghpur	2015- 16	Rabi	LPM	Demonstration on management in cattle shed during post flood (heavy rain) situation	Dairy	Cattle shed management	5 (20 animal)	15%	3%	-80%	0	0	5	0	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	Demonstration of herbicide Oxyflurofen (Zargon) in Okra	Okra	No of weed count at 30 DAP/m ²	62	22	70200	68400	147584	170208	77384	101808	2.10	2.48
			W. C. E. (%)	80.7	91.2								
Jagatsinghpur	Demonstration of Onion variety "Bhima Super"	Onion	No. of leaves/plant at 120 DAP	8.62	9.28	68600	70800	152176	191048	83576	120248	2.21	2.69
			Plant height(cm) at 120 DAS	60.12	65.27								
Jagatsinghpur	Demonstration of French bean var. "Pusa Parvati"	French bean	No. of pods/plant	20.60	42.70	67900	71500	142624	174912	74724	103412	2.10	2.44
			Plant height(cm) at 120 DAS	61.42	75.18								
Jagatsinghpur	Demonstration of Watermelon var. "Arka Jyothi"	Watermelon	M:F (sex) ratio	5.42	4.63	60400	66800	126210	162130	65810	95330	2.08	2.42
			Average fruit wt.(Kg)	4.38	7.12								
Jagatsinghpur	White pekin	Duckery	Body weight at 2 months	0.8 kg	1.9 Kg	Rs 300/10 ducks	Rs 480/10 ducks	Rs 960/10 ducks	Rs 2280/ 10 ducks	Rs 660	Rs 1800/ 10 ducks	3.2	4.75
Jagatsinghpur	Dual purpose backyard poultry	Poultry Rainbow rooster	Survivability	56%	78%	Rs 250/10 birds	Rs 680/10 birds	Rs 1650/ 10 birds	Rs 3150/10 birds	Rs 1400	Rs 2470/10 Birds	6.6	4.63
			Body weight at 3 months,	1.2 kg	2.1kg								
			Egg production monthly per bird	8	17								
Jagatsinghpur	Cattle shed management	Dairy	Incidence of disease (mastitis) ,	15%	3%	Rs 140/day/cow	Rs 145/day/cow	Rs 209/day/cow	Rs 220/day/cow	Rs 69/day/cow	Rs 75/day/cow	1.49	1.51

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	Units	No. of Beneficiaries
Jagatsinghpur	2015	Kharif	Small Scale Income Generation Activities	High cost of cultivation by application of gram flour	Demonstration of alternate additives (40% gram flour and 60% wheat bran) in paddy straw mushroom	Mushroom	Valverilla valvacea	Homestead	10	10
Jagatsinghpur	2015	Kharif	Pisciculture	Less production from IMC culture	Demonstration of intercropping Javapunti in IMC culture	Javapunti	Javapunti with IMC	Pond based	5	5
Jagatsinghpur	2015-16	Rabi	Small Scale Income Generation Activities	Low income of farm family	Demonstration of colour bird 'Chhabro' for meat purpose	Poultry	Chhabro	Homestead	10	10
Jagatsinghpur	2015-16	Rabi	Drudgery reduction	High drudgery in parboiling rice	Demonstration of paddy parboiling unit for drudgery reduction	Parboiling unit	CRR Model	Homestead	10	10

3.5 Economic Performance Home Science FLDs:

KVK name	Technology Demonstrated	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield (Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Jagatsinghpur	Demonstration of alternate additives (40% gram flour and 60% wheat bran) in paddy straw mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	1.5	96/- per bed	120/- per bed	34/- bed	3.4
Jagatsinghpur	Demonstration of intercropping Javapunti in IMC culture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.2	28.46	122500	140700	18200	2.34
Jagatsinghpur	Demonstration of colour bird 'Chhabro' for meat purpose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	3	75	200	125/bird	3.0
Jagatsinghpur	Demonstration of paddy parboiling unit for drudgery reduction	35	75	10.04	8.13	118	106		23			87.5	-	-	-	-	-	-	-	-	-	-	-

3.6 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Jagatsinghpur	Okra	Training	2	40	
Jagatsinghpur	Onion	Training	2	40	
Jagatsinghpur	French bean	Training	2	40	
Jagatsinghpur	Watermelon	Training, Field day	2	70	
Jagatsinghpur	Paddy straw Mushroom	Training, Leaflets	4	80	
Jagatsinghpur	Poultry	Training, Leaflets	2	40	
Jagatsinghpur	Paddy parboiling unit	Training	1	25	
Jagatsinghpur	Cattle	Training, Leaflets	1	20	
Jagatsinghpur	Back yard poultry	Training	2	40	
Jagatsinghpur	Duck	Training	1	20	

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.
	Jagatsinghpur	Nil				

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 alternate additives (40% gram flour and 60% wheat bran) in paddy straw mushroom	Group discussion, personal contact, Training, Demonstration, Field visit	Increase in yield and decrease in cost of cultivation	Highly accepted
Jagatsinghpur	Demonstration of intercropping Javapunti in IMC culture	Group discussion, personal contact, Demonstration, Field visit	Increase in income of fish farmer	Highly accepted
Jagatsinghpur	Demonstration of colour bird 'Chhabro' for meat purpose	Group discussion, personal contact, Training, Demonstration, Field visit	There is increase in income of farm women and decrease in malnutrition of farm family	Well accepted
Jagatsinghpur	Demonstration of paddy parboiling unit for drudgery reduction	Group discussion, personal contact, Training, Demonstration, Field visit	23% reduction in drudgery and 87.5% increase in efficiency	Appreciated by farm women
Jagatsinghpur	Demonstration on rearing of white pekin ducks for meat purpose	Group discussion, personal contact, Training, Demonstration, Field visit	Body weight recorded as 1.9kg at 2 months in white pekin duck breed	Highly accepted
Jagatsinghpur	Demonstration on backyard poultry (rainbow rooster) in post adverse climatic situations	Group discussion, personal contact, Training, Demonstration, Field visit	Survivability is more and Body weight, Egg production monthly per bird is more with this breed	Highly accepted
Jagatsinghpur	Demonstration on management in cattle shed during post flood (heavy rain) situation	Group discussion, personal contact, Training, Demonstration, Field visit	Incidence of disease (mastitis) is very less.	Accepted
Jagatsinghpur	Demonstration of herbicide Oxyflurofen (Zargon) in Okra	Group discussion, personal contact, Training, Demonstration, Field visit	Application of Zargon reduces weed population and cost of cultivation	Accepted
Jagatsinghpur	Demonstration of Onion variety "Bhima Super"	Group discussion, personal contact, Training, Demonstration, Field visit	Onion variety "Bhima Super" performed well in the local condition	Accepted
Jagatsinghpur	Demonstration of French bean var. "Pusa Parvati"	Group discussion, personal contact, Training, Demonstration, Field visit	French bean var. "Pusa Parvati" give higher yield over local variety	Accepted
Jagatsinghpur	Demonstration of Watermelon var. "Arka Jyothi"	Group discussion, personal contact, Training, Demonstration, Field visit	Watermelon var. "Arka Jyothi" fruit wt is more and higher market demand	Accepted

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Jagatsinghpur	Leaf minor is a major insect problem in cowpea. So research should be conducted for development of resistant varieties or IPM module for leaf minor should be developed.
Jagatsinghpur	Thrips and Purple blotch are two major pest and disease problem in Onion affecting yield to a greater extent. So research should be conducted for development of resistant varieties or suitable IPDM module should be developed.
Jagatsinghpur	Tomato var. "Swarna Sampad" is a high yielding F1 hybrid with combined resistance to Tomato Leaf Curl Virus (TLCV) and bacterial wilt. Likewise more F1 varieties of Tomato may be developed through research.
Jagatsinghpur	The Oyster mushroom <i>Pleurotus pulmonarius</i> & also in higher temperature , It can be grown in winter for higher production per bed with appreciable flavor and texture.
Jagatsinghpur	The colour bird Denimred can be reared as backyard as a good layer and meat purpose bird
Jagatsinghpur	Value addition can check distress sale and generate an additional profit of Rs.1500/per quintal
Jagatsinghpur	Manual seed-cum-fertilizer drill should be introduced for sowing green gram for small and marginal farmers
Jagatsinghpur	High yielding paddy varieties of longer duration should be introduced in the seed chain for the district to increase the SRR.
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 <i>P. eryngii</i> 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	06.04.15, Tulanga	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	09.04.15, Baniasahidihi	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	11.04.15, Tulanga	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	15.04.15, Sanimula	28
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	17.04.15, Ghodansa	24
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	19.04.15, Bagoi	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	02.05.15, Majhisahi	23
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	10.05.15, Phulbelari	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	18.05.15, Erikundala	24
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	31.05.15, Bagoi	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	07.06.15, Erikundala	32
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	10.06.15, Tulanga	28
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	19.06.15, Gamhapur	24
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	08.07.15, Tulanga, Erikundala	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	18.07.15, Sanakorkora	25
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.08.15, Ranitola	18
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	12.08.15, Kantapada	28
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	20.08.15, Mahira	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.09.15, Sainito	19
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	17.09.15, Bagoi	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	04.10.15, Banito	21
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	14.10.15, Badabelari	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	26.10.15, Achutadaspur	24
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	04.11.15, Bodhei	22
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	29.11.15, Sanimula	27
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	20.12.15, Hashimnagar	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	16.12.15, Sorishapokhari	21

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	HOV	Vegetable Seedling raising techniques in kharif	1	2	12	0	2	0	0	0	6	0
Jagatsinghpur	FW	ONC	HOV	INM in Okra	1	2	16	0	0	0	0	0	4	0
Jagatsinghpur	FW	ONC	HOF	Planting technique of banana variety-G 9	1	2	16	0	0	0	0	0	4	0
Jagatsinghpur	FW	ONC	HOV	Three tier system of staking in Pointed gourd	1	2	18	0	2	0	0	0	5	0
Jagatsinghpur	FW	ONC	HOV	Propagation techniques of Pointed gourd through cuttings	1	2	14	0	4	0	0	0	7	0
Jagatsinghpur	FW	ONC	HOV	Low cost structure for onion storage	1	2	13	0	2	0	0	0	5	0
Jagatsinghpur	FW	OFC	HOV	Packaging technique of Tomato	1	1	14	0	0	0	0	0	6	0
Jagatsinghpur	FW	OFC	HOV	Method of application of herbicide in Okra	1	1	11	0	0	0	0	0	9	0
Jagatsinghpur	FW	OFC	HOV	Method of seed treatment with rhizobium culture in Cowpea.	1	1	12	0	4	0	0	0	4	0
Jagatsinghpur	FW	OFC	HOV	Nursery raising technique of Capsicum.	1	1	10	0	4	0	0	0	6	0
Jagatsinghpur	FW	OFC	HOV	INM in Brinjal	1	2	16	0	0	0	0	0	4	0
Jagatsinghpur	FW	OFC	HOV	Method of application of herbicide in Onion .	1	1	13	0	0	0	0	0	7	0
Jagatsinghpur	RY	ONC	HOF	Grafting techniques in Mango	1	2	16	0	0	0	0	0	4	0
Jagatsinghpur	IS	ONC	HOF	Care & maintenance of young mango plantations.	1	2	6	0	2	0	0	0	2	0
Jagatsinghpur	IS	ONC	HOF	High density planting (HDP) in banana	1	2	6	0	2	0	0	0	2	0
Jagatsinghpur	F/FW	ONC	PLP	IPDM in oil seed and pulse	1	2	0	0	0	0	0	0	25	0
Jagatsinghpur	F/FW	OFC	PLP	IPM in groundnut	1	2	16	0	0	0	0	0	4	0

Jagatsinghpur	F/FW	OFC	PLP	Techniques of safe grain storage	1	1	0	0	4	0	0	0	16	0
Jagatsinghpur	F/FW	OFC	PLP	Disease pest management in Okra	1	2	0	0	0	5	0	0	15	0
Jagatsinghpur	F/FW	OFC	PLP	Preparation and use of neem base pesticide	1	2	0	0	1	0	0	0	19	0
Jagatsinghpur	F/FW	OFC	PLP	Disease pest management in rice nursery	1	2	0	0	1	0	0	0	19	0
Jagatsinghpur	F/FW	OFC	PLP	Disease pest management in coconut	1	1	0	0	1	0	18	1	0	0
Jagatsinghpur	F/FW	ONC	CBD	Group Dynamics formation of farm science club and its management	1	2	20	-	-	-	-	-	0	0
Jagatsinghpur	F/FW	ONC	CBD	Farmers organization its formation and management	1	2	-	-	-	-	--	-	11	9
Jagatsinghpur	RY	ONC	CBD	Entrepreneurship development and project module preparation	1	2	0	20	0	0	0	0	0	0
Jagatsinghpur	IS	ONC	CBD	Reforms in extension system and role of the stake holders	1	1	4	2	3	1	0	0	0	0
Jagatsinghpur	IS	ONC	CBD	Project management and application of management concept in extension	1	1	2	1	0	0	0	0	5	2
Jagatsinghpur	RY	OFC	CBD	Leadership development and role of village level leader for agriculture development	1	1	14	0	6	0	0	0	20	0
Jagatsinghpur	RY	OFC	CBD	Leadership development and role of village level leader for agriculture development	1	1	0	0	0	1	0	0	0	19
Jagatsinghpur	FW	OFC	WOE	Women friendly income generation activities for SHG.	1	1	0	0	0	14	0		0	6
Jagatsinghpur	FW	ONC	WOE	Paddy staw mushroom cultivation for income generation	2	1	0		0	1	0		0	38
Jagatsinghpur	FW	ONC	WOE	Paddy staw mushroom cultivation	1	2	0		0	6	0		0	14
Jagatsinghpur	FW	OFC	WOE	Planning and layout of nutritional gardening	1	1	0		0		0		0	20
Jagatsinghpur	FW	OFC	WOE	Scientific management of rearing of colour birds in backyard	1	1	0		0		0		0	20
Jagatsinghpur	FW	OFC	WOE	Training on Marigold cultivation by SHGs for income generation	1	1	0		0		0		0	20
Jagatsinghpur	FW	OFC	WOE	Safe use of improved implements for drudgery reduction	1	1	0		0		0		0	20
Jagatsinghpur	RY	ONC	WOE	Training on preparation of decorative items from coir	1	2	0	2	0	15	0		0	3
Jagatsinghpur	FW	OFC	WOE	Oyster mushroom cultivation as a source of livelihood	1	1	0		0	16	0		0	4
Jagatsinghpur	FW	ONC	WOE	Oyster mushroom cultivation as a source of livelihood	2	2	0		0		0		0	20

Jagatsinghpur	FW	OFC	WOE	Training on preparation of value added product(sauce& puree) from Tamato	1	1	0	4	0		0		0	21
Jagatsinghpur	FW	OFC	WOE	Training on low cost storage practices for storing rice and pulses	1	1	0		0		0		0	20
Jagatsinghpur	FW	OFC	WOE	Training on low cost brooding technique for poultry	1	1	0		0	2	0		0	18
jagatsinghpur	IS	ONC	WOE	Combating low cost winning food preparation	1	1	0	0	0	0	0	0	0	10
jagatsinghpur	FW	ONC	LPM	Diseases of Livestock and their prevention	2	2	2	10	0	0	0	0	0	8
jagatsinghpur	FW	OFC	LPM	Duck husbandry for livelihood management.	1	1	7	13	0	0	0	0	0	0
jagatsinghpur	FW	OFC	LPM	Backyard poultry farming	1	1	0	0	9	0	0	0	11	0
Jagatsinghpur	FW	ONC	LPM	Housing management in livestock and poultry farming.	2	2	0	0	2	4	0	0	0	14
Jagatsinghpur	FW	ONC	LPM	Diseases of poultry & their prevention	2	2	0	14	4	0	0	0	0	2
Jagatsinghpur	FW	ONC	LPM	Balanced feeding in livestock and poultry.	2	2	0	0	2	0	0	0	0	18
Jagatsinghpur	FW	OFC	LPM	Cultivation of Fodder crops: Hybrid Napier and Berseem.	1	1	17	2	0	1	0	0	0	0
Jagatsinghpur	FW	ONC	LPM	Management of poultry birds during extreme climate.	2	2	0	0	8	0	0	0	0	12
Jagatsinghpur	FW	ONC	LPM	Scientific broiler farming	2	2	12	7	3	3	0	0	0	0
Jagatsinghpur	FW	OFC	LPM	Nutritional enrichment of paddy straw by urea molasses treatment.	1	1	0	0	3	1	0	0	21	0
Jagatsinghpur	FW	ONC	LPM	Vaccination in Livestock and poultry.	2	2	0	0	1	0	0	0	24	0
Jagatsinghpur	IS	ONC	LPM	Adverse drug reaction in veterinary field practice.	1	1	0	0	0	0	7	3	0	0
Jagatsinghpur	IS	ONC	LPM	Worm problem in ruminants	1	1	0	0	0	0	7	3	0	0

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

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Jagatsinghpur	Entrepreneurship development through nursery business and management	Vegetables	Nursery Management	5	12	0	4	0	0	0	4	0
Jagatsinghpur	Azolla Cultivation for feed supplementation in livestock	Dairy	Feed Management	5	0	0	2	0	0	0	8	0
Jagatsinghpur	Entrepreneurship development through poultry farming	Poultry	Poultry Management	5	0	0	0	0	0	0	10	0
Jagatsinghpur	Mushroom spawn production technique	Mushroom	Income generation	5	0	0	0	0	0	0	0	10

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

Name of KVK	Training title	Self employed after training			Number of persons employed elsewhere
		Type of units	Number of units	Number of persons employed	
Jagatsinghpur	Training on preparation of decorative items from coir	Enterprise	1	11	03
Jagatsinghpur	Oyster mushroom cultivation as a source of livelihood	Enterprise	4	15	04
Jagatsinghpur	Paddy staw mushroom cultivation for income generation	Enterprise	5	20	08

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	Protected vegetable cultivation	HOV	HOV	F/FW	2	1	14	0	5	0	6	0	0	0	ATMA, Jagatsinghpur	20,000
Jagatsinghpur	Scientific method of oilseed and Pulse production	Crop Production	Crop Production	F/FW	2	1	21	0	4	0	0	0	0	ATMA, Jagatsinghpur	20,000	
Jagatsinghpur	Training & Workshop programme on PPV & FRA	PPV&FRA	Plant variety protection	FW & RY	1	1	75	0	0	0	15	0	10	0	ICAR	80,000
Jagatsinghpur	Coconut cultivation	Crop management	ICM	F/FW	2	1	38	0	12	0	0	0	0	0	AICRP on Palm	-
Jagatsinghpur	Dairy Management	LPM	LPM	F/FW	2	1	20	0	5	0	0	0	0	0	ATMA, Jagatsinghpur	20,000

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	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	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 No. of farmers adopted (no)-12 % change in knowledge50%, production33% & Income 32%
Jagatsinghpur	Use of improved farm implements for drudgery reduction	20	15	30	-	-	-	-	1. Area expanded (ha) : 3 blocks No. of farmers adopted (no.) % 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 No. of farmers adopted (no.)18 % 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 No. of farmers adopted (no.)18 % change in knowledge, 50% production 19%& Income15%
Jagatsinghpur	Women friendly income generation activities for SHG.	20	30	60	-	-	-	-	1. Area expanded (ha)2blocks No. of farmers adopted (no.)20 % change in knowledge, 50% production
Jagatsinghpur	Paddy staw mushroom cultivation for income generation	20	40	75	0.8gm/bed	1.3kg/bed	80/bed	150/bed	1. Area expanded (ha)5blocks No. of farmers adopted (no.)18% change in knowledge, 50% production 19%& Income15%
Jagatsinghpur	Paddy staw mushroom cultivation	20	40	75	0.8gm/bed	1.3kg/bed	80/bed	150/bed	1. Area expanded (ha)5blocks No. of farmers adopted (no.)18 % change in knowledge, 50% production 19%& Income15%
Jagatsinghpur	Planning and layout of nutritional gardening	20	35	70	90Q/Ha	100q/ha	—	-	1. Area expanded (ha)5blocks No. of farmers adopted (no.)180 % change in knowledge, 50% production 19%& Income15%
Jagatsinghpur	Scientific management of rearing of colour birds in backyard	20	30	55	1.2kg/6month	3.5kg/6month	120/-	350/-	1. Area expanded (ha)3blocks, No. of farmers adopted (no.)600,% change in knowledge, 40% production 19%& Income15%
Jagatsinghpur	Low cost winning food preparation for combating malnutrition	20	35	70		-	-	-	1. Area expanded (ha)2blocks, No. of farmers adopted (no.)150,% change in knowledge, 40% production 19%& Income15%
Jagatsinghpur	Training on Marigold cultivation by SHGs for income generation	20	20	40	50q/ha	120q/ha	20000	30000	1. Area expanded (ha)5blocks, No. of farmers adopted (no.)18,% change in knowledge, 50% production 19%& Income15%

Jagatsinghpur	Safe use of improved implements for drudgery reduction	20	20	50		-	-	-	1. Area expanded (ha)8blocks, No. of farmers adopted (no.)165, % change in knowledge, 60% production 20% & Income30%
Jagatsinghpur	Training on preparation of decorative items from coir	20	40	60		-	5000	15000	1. Area expanded (ha)2blocks, No. of farmers adopted (no.)20,% change in knowledge, 50% production 20% & Income30%
Jagatsinghpur	Oyster mushroom cultivation as a source of livelihood	20	35	55	2kgm/bed	2.5kg/bed	160/bed	200/bed	1. Area expanded (ha)5blocks, No. of farmers adopted (no.)18,% change in knowledge, 50% production 19% & Income15%
Jagatsinghpur	Oyster mushroom cultivation as a source of livelihood	20	35	55	2kgm/bed	2.5kg/bed	160/bed	200/bed	1. Area expanded (ha)5blocks, No. of farmers adopted (no.)18,% change in knowledge, 50% production 19% & Income15%
Jagatsinghpur	Training on preparation of value added product(sauce & puree) from Tamato	25	10	40		-	500	1000	1. Area expanded (ha)4blocks, No. of farmers adopted (no.)150,% change in knowledge, 50% production 19% & Income15%
Jagatsinghpur	Training on low cost storage practices for storing rice and pulses	25	20	40	-	-	500	1000	1. Area expanded (ha)8blocks, No. of farmers adopted (no.)150,% change in knowledge, 50% production 19% & Income15%
Jagatsinghpur	Training on low cost brooding technique for poultry	25	30	45		-	-	-	1. Area expanded (ha)5blocks, No. of farmers adopted (no.),% change in knowledge, 50% production 19% & Income15%

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	05	124	34	65	13	9	5	Technology dissemination	-	Harvesting
Jagatsinghpur	Kisan Mela	02	02	312	74	76	38	15	1	Awareness	-	
Jagatsinghpur	Kisan Ghosthi	03	05	91	28	24	12			Awareness		
Jagatsinghpur	Exhibition	04	06	980						Awareness		Rabi
Jagatsinghpur	Film Show	25	17	351	130	201	28	-	-	Awareness of Agril. Technology	Agriculture & allied topics	
Jagatsinghpur	Method Demonstrations	15	16	240	60	82	24	8	6	-do-	-do-	Critical stage
Jagatsinghpur	Farmers Seminar	02	04	178	59	52	21	4	1	-do-	-do-	
Jagatsinghpur	Workshop	2										
Jagatsinghpur	Group meetings	32	16	166	84	62	28	-	-	-do-	-do-	
Jagatsinghpur	Lectures delivered as resource persons	30	12	528	64	132	26	8	4	-do-	-do-	
Jagatsinghpur	Newspaper coverage	15	5	Mass						-do-	-do-	
Jagatsinghpur	Radio talks	15	4	Mass						-do-	-do-	
Jagatsinghpur	TV talks	4	1	Mass						-do-	-do-	
Jagatsinghpur	Popular articles	15	12	Mass						-do-	-do-	
Jagatsinghpur	Extension Literature	08	7							-do-	-do-	
Jagatsinghpur	Farm advisory Services	Mass	112	912	164	115	36	-	-	-do-	-do-	Critical stage
Jagatsinghpur	Scientific visit to farmers field	150	121	645	119	275	42	-	-	-do-	-do-	
Jagatsinghpur	Farmers visit to KVK	800	680	407	62	114	16			-do-	-do-	
Jagatsinghpur	Diagnostic visits	50	65	355	116	127	28	5	2	-do-	-do-	Critical stage
Jagatsinghpur	Exposure visits	02	2	60	10	7	-	6	-	-do-	-do-	Harvest stage
Jagatsinghpur	Ex-trainees Sammelan	02	2	9	14	15	12	-	-	Impact of training	-do-	
Jagatsinghpur	Soil health Camp	02	1	132	15	8	4	6	-	Soil health management	Managemman agement of acidic and saline soil	Pre sowing stage
Jagatsinghpur	Agri mobile clinic	05	3	48		12		4		Management of pest and diseases	Plant protection measures	Maturity stage
Jagatsinghpur	Soil test campaigns	05	3	58	16	10	6	7	-	Importance of soil test	Soil sample collection and testing	Pre sowing stage

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Jagatsinghpur	Farm Science Club conveners meet	02	01	5	4	6	5	2	1	Awareness of Agril. technology	Agriculture & allied topics	
Jagatsinghpur	Self Help Group conveners meetings	04	02	14	12	8	6	3	7	Awareness of Agril. technology	Agriculture & allied topics	
Jagatsinghpur	Mahila Mandals conveners meetings	02	01	-	50	-	12	-	5	Awareness of Agril. technology	Agriculture & allied topics	
Jagatsinghpur	Celebration of important days (World environment day)	04	03	59	18	36	12	3	1	Awareness of Agril. technology	Agriculture & 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	April 2015	3 months	1000	1000

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Jagatsinghpur	Leaf lets	Hybrid tomato cultivation	Ashis Mohanty and Samir ranjan Dash	500
Jagatsinghpur	Leaf lets	Package and practice of mustard cultivation	Ashis Mohanty and Samir ranjan Dash	500
Jagatsinghpur	Book lets	Infectious disease of cattle and their prevention	Dr. P.K.Padhi	500
Jagatsinghpur	Book lets	Fodder cultivation	Dr. P.K.Padhi and Samir ranjan dash	500
Jagatsinghpur	Book lets	Package and practice of mustard cultivation	Samir ranjan Dash	1000
Jagatsinghpur	Leaf lets	PMFBY	KVK,JAGATSINGPUR	3000
Jagatsinghpur	Leaf lets	Importance of farmers variety	Samir ranjan Dash & Bijaya Rautaray	500

7.3 Details of Electronic Media Produced

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

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	Cereal	Paddy	Ranidhan	120*	2,96,000		
Jagatsinghpur	Cereal	Paddy	Pratikshya	180*	4,14,000		

* Under Processing

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	Blue star	810	810	16	0.03
Jagatsinghpur	Vegetables	Chilli	Suryamukhi	790	790	23	0.03
Jagatsinghpur	Vegetables	Tomato	Utkal Kumari	400	400	18	0.014
Jagatsinghpur	Fruits	Papaya	Red lady	214	3210	29	0.04
Jagatsinghpur	Vegetables	Drumstick	PKM-1	29	145	11	0.006
Jagatsinghpur	Spawn	Mushroom	Paddy straw/Oyster	960	14600	120	12 villages

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	Nil					
Jagatsinghpur	Bio Fertilizer(vermi compost	332		1660	-	-

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	Chicken	Rainbow rooster, Vanaraja, Chhabro, Black rock,	Developed chicks	9939	506742	500
Jagatsinghpur	Duck	Khaki Campbel, White Pekin, Native cross	Developed Ducklings	364	15980	36

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	Mini Soil testing lab.	2016	Mrida Parikshyak	383	383	27		200

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	Mini Soil testing lab.	2016	Mrida Parikshyak	0	0	0	0	0

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	June	2015	Vegetable Seedling raising techniques in kharif	2	20	2		
Jagatsinghpur	July	2015	INM in Okra	2	20	2		
Jagatsinghpur	July	2015	Care & maintenance of young mango plantations.	2	20	2		
Jagatsinghpur	Aug.	2015	Grafting techniques in Mango	2	20	2		
Jagatsinghpur	Sept.	2015	Planting technique of banana variety-G 9	2	20	2		
Jagatsinghpur	Dec.	2015	Three tier system of staking in Pointed gourd	2	25	2		
Jagatsinghpur	Dec.	2015	Propagation techniques of Pointed gourd through cuttings	2	25	2		
Jagatsinghpur	Jan.	2016	Low cost structure for onion storage	2	20	2		
Jagatsinghpur	Jan.	2016	Entrepreneurship development through nursery raising and management	5	5	5		
Jagatsinghpur	March	2016	High density planting (HDP) in banana	2	20	2		
			TOTAL	25	200	23		

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	5	1	

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Jagatsinghpur	15.7.2015	30	<p>High yielding varieties for low land rice ecologies should be encouraged</p> <p>Rice-Fish cropping system should be spread</p> <p>There should be at least two field days for each FLDs</p> <p>Organize Technological week with active collaboration of ATMA and line departments</p> <p>KVK should provide KMS service to a large no of farmers covering all the blocks</p>
Jagatsinghpur	14.1.2016	21	<p>High yielding green gram varieties resistant to MYMV seed production programme should be undertaken</p> <p>There should be more area under oilseed cultivation</p> <p>Off-season vegetable cultivation should be encouraged</p> <p>Animal health camps should be organized in collaboration with the line department</p>
			<p>1.</p> <p>2.</p>

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	35	2918	55	Farmers Portal	INM, IPM, ICM, Weather forecasting

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	Bio-versity International	Central	50,000/-	<ul style="list-style-type: none"> PVS Trials (2 nos.) Crowd Sourcing trials (120 nos.) Field Day (1 no.) 	Inside the district	
Jagatsinghpur	Pradhan Mantri Fasal Bima Yojna	Central	1,85,000/-	<ul style="list-style-type: none"> Awareness-cum-training programme, Poster pasting, Leaflet distribution, Mass media publicity 	Inside the district	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Jagatsinghpur	30773631818	35126	238193	283193

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Jagatsinghpur	Krishak Bandhu/ KVK, Jagatsinghpur	Farmers' Producer Group	Producer Group of Bagoi G.P. of Kujang Block	Nil

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.)
		NO	

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	Bhutamunde, 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 participated
1	12.02.2016	25
2	18.03.2016	28

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Jagatsinghpur	6	2	49	112

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

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

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
01	Puri	Seeds, Vermin, Participation in SAC and other programme	
02	Kendrapara	Seed, Participation in PPV&FRA, SAC	

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Jagatsinghpur	Dr. Bijayketan Upadhaya,	15.07.2015			IAS, Collector cum District Magistrate, Jagatsinghpur	Attending SAC meeting
Jagatsinghpur	Mrs Beat Koch,	26.08,2015			Facilitator of Biodiversity International for India	For visiting the PVS trials under Bio-versity programme
Jagatsinghpur	Dr. S. R. Das,	31.03.2016		Honorary Professor, Dept. of PBG, OUAT, BBSR		To attend the PPV & FRA awareness-cum training rogramme

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	KVK Jagatsingpur	2014	10	

26. E-CONNECTIVITY

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

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. D Mishra	SS&H	1	
	Sri. A.Mohanty	Scientist (hort.)	1	
	Bijaya Kumar rautaray	Scientist (pp.)	1	
	Total			

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Jagatsinghpur	Dr. D. Mishra	SS & H	01	Orientation training programme

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Jagatsinghpur	01	01

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

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

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

Name of KVK	Alert observed	Particulars	Reported to organization

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Jagatsinghpur	Awareness Campaign	02	280	SRI, Line Transplanting, Soil sampling, Vaccination of goats, rearing of
Jagatsinghpur	Plant health camp	02	126	
Jagatsinghpur	Animal health camp	01	58	
Jagatsinghpur	Soil test campaign	01	112	
Jagatsinghpur	Farmers' fair-cum-Exhibition	01	500	

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

Farmers-scientists interaction on livestock management

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

Animal health camps organized

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

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	No. of farmers

			Area (ha)	

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

1. Technologies to be Demonstrated

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

2. Proposed Extension Activities in NICRA Village

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

--	--	--	--	--

3. Proposed Training Activities in NICRA Village

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

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status

5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status

6. Public Representative/District Administration Visited in NICRA Village

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

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

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

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

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

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Jagatsinghpur	01	01

SUCCESS STORY – I

Name of the KVK : Jagatsinghpur, Odisha

TITLE : GROW WITH PISCICULTURE

Introduction : Mr. Sourav Biswal is a qualified rural youth of the village- Tulanga, Po-Tulanga, Via-Tiran, Block-Tirtol, Dist-Jagatsinghpur, Odisha has accepted agriculture as his profession. He was doing paddy cultivation, without getting expected profit. After discussing with the scientists of KVK, Jagatsinghpur during 2006, he decided to convert his paddy field for fish farming. He started his fish farm after getting loan.

KVK Interventions : Through training programmes, field visit, group discussion, farmers-scientists interaction, film show etc by KVK, he was exposed to technologies on pisciculture. He was trained on seed rearing, continuous stocking and harvesting (multiple cropping) pattern, feed preparation and application method, pond water management, disease management and duck/poultrycum-fish farming. He adopted the technologies like application of cobalt chloride in the feed of spawn, multiple cropping pattern in composite fish farming, introduction of jayanti rohu to increase production, introduction of pacu in composite fish culture to increase in yield, application of probiotics in pond, application of multiplex as micronutrients, use of bag in fish feeding, use of bamboo basket for pond aeration etc. the resource of Mr Biswal was 2 ha paddy field in 2006 and profit was Rs.12000/ha. But after intervention of KVK, he started a fish farm during 2007-08 with 0.5 ha(8 nos.) nursery ponds and 2.5 ha (4 nos.) stocking ponds.

Output : Production of fish was 2 ton/ha with expenditure of Rs. 60,000 and net return was Rs.60,000/ha. During 2008-09, by multiple cropping pattern fish production was increased to 5 ton/ha. With expenditure of Rs.1,70,000/ha, he got net profit of Rs.2,05,000/ha with B:C ration of 2.2. During 2009-10 he excavated ponds in another 2 ha area and got production of 5 ton/ha.

Outcome : For this success, many farmers of the district have been motivated to go for scientific pisciculture. Six members of rural youths of the nearby villages have already started this type of fish farm and many farmers of the area have decided to start such activities.

SUCCESS STORY – II

Name of the KVK : Jagatsinghpur, Odisha

TITLE : FARM MECHANIZATION MAKES AGRICULTURE EASY

Introduction : Mr. Sanjit Mohanty is a qualified rural farmer of the village- Khadala under Kujanga block of Jagatsinghpur district, Odisha has accepted agriculture as his profession. He was doing paddy cultivation, without getting expected profit. He could not able to achieve success because of non-availability of labour at the peak time of cultivation. After discussing with the scientists of KVK, Jagatsinghpur during 2010, he decided to adopt farm mechanization in various crops during different seasons.

KVK Interventions : With KVK intervention he started different farm mechanization ,after receiving training, FLD and OFT programme in his farm. Now he is able to maximize the yield of all component enterprises to provide steady and stable income by decreasing the cost of cultivation through enhanced farm mechanization. He is adopting Rice-vegetable, Rice-green gram cropping systems besides custom hiring for mechanised rice transplanting. He uses manual seed spreader for mat nursery preparation, self propelled rice transplanter for mechanized line transplanting and uses paddy power weeder for efficient weeding. He has adopted drip fertigation in Rabi vegetables like tomato, ladies finger and cucumber etc. for efficient use of water and fertilisers. He also owned a mini dal mill and processing green gram and black gram.

Output : He earns about Rs 2,10,000/- per year as net profit.

Enterprise	Income
Custom hiring for transplanter	Rs. 60,000
Vegetable cultivation	Rs. 40,000
Dal processing mill	Rs. 22,000
Income from paddy& green gram cultivation	Rs. 88,000

Outcome : Farmers of nearby villages are impressed by seeing the use of farm mechanization and purchasing more numbers of paddy transplanter, weeder and drip irrigation for drudgery reduction, labour saving and increase in yield.

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







