ANNUAL REPORT

2012-13

KVK, JAGATSINGHPUR, ODISHA

Contents

PERIOD – April 2012 to March, 2013

Summary of the activities

KVK Name	Activity	Target		Achievement		
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	Total value of resource generated/Fund received from diff. sources (Rs.)
Jagatsinghpur	OFTs	**19**	**117**	**19**	**112**	
Jagatsinghpur	FLDs – Oilseeds (activity in ha)Rabi-Groundnut	**5.0**	**15**	**5**	**15**	
Jagatsinghpur	FLDs – Pulses (activity in ha)Rab-Black gram=5.0ha and Rabi, green gram=5.0ha	**10.0**	**30**	**10**	**30**	
Jagatsinghpur	FLDs – Cotton (activity in ha)					
Jagatsinghpur	FLDs – Other than Oilseed and pulse crops(activity in ha)	**18**	**115**	**15.8**	**104**	
Jagatsinghpur	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	**10**	**84**	**10**	**84**	
Jagatsinghpur	Training-Farmers and farm women	**70**	**1400**	**56**	**1160**	
Jagatsinghpur	Training-Rural youths	**12**	**245**	**13**	**245**	
Jagatsinghpur	Training- Extension functionaries	**10**	**125**	**11**	**145**	
Jagatsinghpur	Extension Activities	**425**	**6160**	**420**	**3600**	
Jagatsinghpur	Seed Production (Number of activity as seeds in quintal) 6.5ha	**250qtl**	**-**	**245 qtl**		
Jagatsinghpur	Planting material ((Number of activity as quantity of planting material in quintal)	**-**	**-**			
Jagatsinghpur	Seedling Production (Number of activity as number of seedlings in numbers)	**30000**	**200**	**-**	**-**	

KVK Name	Activity	Target		Achievement		
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	Total value of resource generated/Fund received from diff. sources (Rs.)
Jagatsinghpur	Sapling Production (Number of activity as number of sapling in numbers)			**2545**	**200**	
Jagatsinghpur	Other Bio- products (No. of quantity)earth worm=5000, vermicompost=5.0qtls	**5000Nos 5.0qtls**	**50**	**5000 5qt**	**20**	
Jagatsinghpur	Live stock products(poultry=1000, fingerlings=10000, colour fish=500)	**11500**	**250**	**1000, 1000**	**10 10**	
Jagatsinghpur	Activities of Soil and Water Testing Laboratory	**NA**		**-**		
Jagatsinghpur	Rainwater Harvesting System	**NA**				
Jagatsinghpur	Kisan Mobile Advisory (KVK-KMA)	**48**	**850**	**120**	**550**	
Jagatsinghpur	SAC Meeting (Date & no. of core/ official members)	**1**	**30**	**26.3.13**	**40**	
Jagatsinghpur	Literature to be Developed/Published	**09**	**4500**	**5**	**2500**	
Jagatsinghpur	Convergence programmes / Sponsored programmes	**04**	**200**	**4**	**300**	
Jagatsinghpur	Utilization of Farmers Hostel	**25**	**500**	**21**	**347**	
Jagatsinghpur	Utilization of Staff Quarters	**06**	**06**	**5**	**5**	
Jagatsinghpur	Details of KVK Agro-technological Park	**NA**				
Jagatsinghpur	Crop Cafeteria-	**NA**		**-**		
Jagatsinghpur	Farm Innovators- list of 10 farm innovators from the District			**10**	**10**	
Jagatsinghpur	Status of Revolving Funds	**Rs 651690**		Rs 2,13,087		
Jagatsinghpur	Awards and Recognitions	**03**	**3**	**2**	**2**	
Jagatsinghpur	Case study / Success Story to be developed	**6**	**6**	**6**	**6**	
Jagatsinghpur	KVK Progressive Farmers interaction	**02**	**100**	**4**	**100**	
Jagatsinghpur	Outreach of KVK in the District (No. of blocks, no. of villages)	**06blocks=50villages**	**5000**	**06blocks=50villages**	**5000**	

KVK Name	Activity	Target		Achievement		
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	Total value of resource generated/Fund received from diff. sources (Rs.)
Jagatsinghpur	Technology Demonstration under Tribal Sub Plan	**NA**				
Jagatsinghpur	KVK Ring	**07**	**130**	**4**		
Jagatsinghpur	Important visitors to KVK	**5**		**5**		
Jagatsinghpur	Status of KVK Website			**www.jagatsinghpurkvk.org.in**		
Jagatsinghpur	Status of RTI	**Functioning at OUAT, Bhubaneswar**				
Jagatsinghpur	E-connectivity					
Jagatsinghpur	Details of Technology Week Celebrations	**1st Wk of Nov.12**	**280**	**8**	**510**	
Jagatsinghpur	Interventions on Drought Mitigation	**03**	**150**	**-**		
Jagatsinghpur	Proposal of NAIP	**Facility not available**		**NA**		
Jagatsinghpur	Proposal of NICRA			**NA**		
Jagatsinghpur	Well labeled photographs					
Jagatsinghpur	Other Activities					

GENERAL INFORMATION

Staff Position

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	Dr Nityananda Das	Fishery	Ph D	Processing	15600-39100	15600	01.09.12	Temporary	Others
Jagatsinghpur	Subject Matter Specialist1	Hemanta Kumar Sahoo	Agronomy	M.Sc. (Ag.)	Agronomy	15600-39100	25040	07.06.11	Temporary	Others
Jagatsinghpur	Subject Matter Specialist2	Ashis Ku. Mohanty	Horticulture	M. Sc. (Ag.)	Horticulture	15600-39100	19050	22.09.09	Temporary	Others
Jagatsinghpur	Subject Matter Specialist3	Saswati Pattanaik	Home Science	MSc (Home Science)	CD & Family Welfare	15600-39100	20590	09.09.11	Temporary	Others
Jagatsinghpur	Subject Matter Specialist4	Samir Ranjan Dash	Agril Extension	M.Sc. (Ag)	Agril extension	15600-39100	20590	10.01.13	Temporary	Others
Jagatsinghpur	Subject Matter Specialist5	Arabinda Dhal	Plant Protection	M.Sc. (Ag)	Plant Pathology	15600-39100	20590	8.1.13	Temporary	Others
Jagatsinghpur	Subject Matter Specialist6	Prabhat Chandra Pradhan	Ag.Engg. (SWCE)	M.Sc.Ag.Engg.	Soil water cons. Engg.	15600-39100	16920	19.7.12	Temporary	Others
Jagatsinghpur	Farm Manager	Vacant								
Jagatsinghpur	Programme Assistant,Computer	Samir Kumar Pattanaik	Comp Sc	MCA	-	9300-34800	11940	14.9.12	Temporary	Others
Jagatsinghpur	Programme Assistant	Siba Prasad Mishra	Agriculture	B.Sc. (Ag.)	-	9300-34800	12550	01.07.05	Temporary	Others
Jagatsinghpur	Accountant / superintendent	Bhagaban Behera	-	B.A., BED	-	9300-34800	14170	17.12.12	Temporary	Others
Jagatsinghpur	Stenographer	Babuli Sahoo	-	B.Sc	-	5200 + 2400 GP	5920	03.07.07	Temporary	Others
Jagatsinghpur	Driver	Manoj Kumar Sahoo	-	9th class	-	5200+1900 GP	5870	30.07.07	Temporary	Others
Jagatsinghpur	Driver	Pradipta Kumar Barik	-	9th class	-	5200+ 1900 GP	5870	04.08.08	Temporary	Others
Jagatsinghpur	Supporting staff	Kashinath Bihari	-	9th class	-	4400+ 1300 GP	4800	19.12.07	Temporary	Others

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	Supporting staff	Urbasi Nayak	-	5th Class	-	4400+ 1300 GP	4800	22.12.07	Temporary	Others

1.2. DISTRICT PROFILE (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)–

- **No. of Blocks** **08**
- **No. of G.Ps** **196**
- **No. of Villages** **1291**
- **Total Population** **1058894**
  - **a) Male** **539528**
  - **b) Female** **519366**
- **Population Density** **633**
- **Sex ratio** **962**
- **No. of farm families** **116458**
  - **a) Small** **27352**
  - **b) Marginal** **77428**
  - **c) Big** **11678**
- **Fert. Consumption**
  - **a) Kharif** **62.42 kg/ha**
  - **b) Rabi** **50.2 kg/ha**
- **Geographical Area:** **1,65,970 ha**
- **Cultivable Area:** **105870 ha**
- **Cultivated area:** **104335 ha**
  - **a) High land** **20908**
  - **b) Medium land** **37572**
  - **c) Low land** **45855**
- **Paddy area :** **90172**
- **Non paddy area** **14163**
- **Water logged area** **11497**
- **Saline affected area** **7988**
- **Flood prone area** **11406**
- **Forest area** **2852**
- **Irrigation potential**
  - **a) Kharif** **82847**
  - **b) Rabi** **41519**
- **Cropped area**
  - **a) Single** **18175**
  - **b) Double** **75611**
  - **c) Triple** **10549**

1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2012 to 31.3.2013 (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	Tulanga	2012	Tirtol	24 kms	680	125
Jagatsinghpur	EriKundala	2012	Tirtol	9 kms	368	65
Jagatsinghpur	Kantapara	2010	Kujanga	16 kms	380	72
Jagatsinghpur	Pubapada	2010	Tirtol	13kms	615	482
Jagatsinghpur	Gamhapur	2011	Raghunathpur	40kms	618	512

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
Jagatsinghpur	Use of plasticulture
Jagatsinghpur	Popularization of floriculture
Jagatsinghpur	IDM in betel vine
Jagatsinghpur	Pisciculture for women and youth
Jagatsinghpur	Agro based micro enterprises
Jagatsinghpur	Development of SHGs
Jagatsinghpur	Use of bio-fertilizers and bio-pesticides
Jagatsinghpur	Entrepreneurship development

1.5. 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	Low yield in rice	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 due to pest disease contamination	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	All over the district
Jagatsinghpur	Low yield due to use of local varieties .	Through Survey and PRA exercise	All over the district

2. On Farm Testing

2.1 Information about OFT

KVK name	Year/ season	**Problem diagnose**	Category of technology (**Assessment/ Refinement**)	Thematic Area	Crop/ enterprise	Farming Situations	Target	No. of trials	Title of OFT	Results (grain yield qt/ha)		Net Returns (Rs./ha)	
										Farmer practice T1	Rec. Tech T2	T1	T2
Jagatsinghpur	Kharif 2012	Low yield of transplanted rice due to high weed infestation	Assessment	Weed management	Crop	Rainfed	2 .0ha	6	Assessment of Metsulfuron+ chloromuron (Almix) for weed management in transplanted paddy	45.7	49.2	23430	29762
Jagatsinghpur	Kharif 2012	Low yield of mid land rice in saline affected areas	Assessment	Varietal evaluation	Crop	Rainfed	2.0ha	6	Assessment of paddy variety “Luna Subarna” in saline mid land	40.2	44.6	17470	22670
Jagatsinghpur	Kharif 2012	Low yield in sugarcane	Assessment	Integrated Crop Management	Crop	Irrigated	0.4ha	3	Assessment of sugarcane intensification	Continuing			
Jagatsinghpur	Rabi 2012-13	Low yield of groundnut due to high weed infestation	Assessment	Weed management	Crop	Irrigated	2 .0ha	6	Assessment of Imazethapyr for weed management in groundnut	15.6	19.2	12400	25410
Jagatsinghpur	Kharif 2012	Manual weeding is expensive	Assessment	ICM	Crop	Irrigated	1.0ha	10	Assessment of herbicide oxyflurofen in brinjal	402.4	486.6	204440	221960
Jagatsinghpur	Kharif 2012	Low yield in Baby corn	Assessment	Varietal evaluation	Crop	Irrigated	0.4ha	5	Assessment of Baby corn HYV “Early composite”	41.6	52.4	108600	121000
Jagatsinghpur	Rabi 2012-13	Low yield in Pointed gourd	Assessment	Varietal evaluation	Crop	Irrigated	0.4ha	5	Assessment of Pointed gourd HYV “Swarna Alaukik”	276.0	326.3	176000	226300

Jagatsinghpur	Rabi 2012-13	Low yield in Pumpkin	Assessment	Integrated crop management	Crop	Irrigated	1.0 ha	10	Assessment of Ethrel in Pumpkin	298.4	372.8	108200	144400
Jagatsinghpur	Kharif 2012	Lower weight gain and less price from desi bird.	Assessment	Poultry	Enterprise	Fedd management	100 birds	5	Assessment of enriched bone meal on the body weight of backyard poultry	1kg/bird	1.5kg/ bird in 60 days	Rs40/ bird	Rs100/ Bird
Jagatsinghpur	Kharif 2012	Low SNF content of milk and less price from it	Assessment	Feed management	Enterprise		25 cows	5	Assessment of *Azolla* as supplementary feed for milch cow.	SNF 8.25%	SNF 8.5%	Rs54/ cow/day	Rs80/ cow/day
Jagatsinghpur	Kharif 2012	Lower yield of mushroom during summer	Assessment	Mushroom	Enterprise	House hold based	150 beds	10	Assessment of performance of paddy straw mushroom variety *Volvariella diplesia* in summer season	1.5kg/ Bed	1.7kg/ bed	Rs 63/bed	Rs 90/bed
Jagatsinghpur	Rabi 2012-13	Wastage and low price of tomato during peak season of harvesting	Assessment	Value Addition	Crop	House hold based	5 units	5	Assessment of self keeping quality of tomato concentrate in polypropylene bag.	1 kg Kept for 1 month	1 kg kept for 4 months	30/per 10 kg	50/ per kg
Jagatsinghpur	Rabi 2012-13	High cost of the concentrate feed	Assessment	High cost of the concentrate feed	Fish	Pond based	1.0ha	5	Assessment of growth performance of grass carp with alternative feed	40	40.1	2,00,000	2,29,000
Jagatsinghpur	Kharif 2012	White spot syndrome virus in Brackish water prawn	Assessment	Varietal evaluation	Fish	Pond based	1.0ha	5	Assessment of fresh water prawn in saline water	7.0	9.0	90,000	1,20,000
Jagatsinghpur	Rabi 1012-13	Low yield from total harvest once and theft threat	Assessment	IMC	Fish	Pond based	1.0ha	5	Assessment of multiple stocking and multiple harvesting	40	53	2,00,000	3,05,000
Jagatsinghpur	Kharif 2012	Use of Metribuzin for weed management in Sugarcane	Assessment	ICM	Sugarcane	Irrigated	2.0ha	06	Assessment of Metribuzin for weed management in Sugarcane	continuing			

Jagatsinghpur	Kharif 2012	Low efficiency of bullock drawn puddler	Assessment	Farm Mechanisation	Paddy	Irrigated	1.0ha	5	Assessment of rotavator in puddling of rice field	42	45	19000	22750
Jagatsinghpur	Kharif 2012	Manual weeding is time taking & increases labour cost	Assessment	Farm mechanisation	Paddy	Irrigated	1.0ha	5	Assessment of power (SRI) weeder	45	48	22750	28020
Jagatsinghpur	Rabi 2012-13	Manual stripping causes injury to hand and labour intensive	Assessment	Drudgery reduction through use of implement	Sugar cane	Irrigated	0.4ha	5	Assessment of sugarcane stripper	940	940	118900	120616

2.1a Recommendations of OFTs

Recommendations		
Title of OFT	**For Farmers**	**For Deptt. Personnel**
Assessment of Metsulfuron+ chloromuron (Almix) for weed management in transplanted paddy	Almix application can effectively control the weeds in the rice field. Its application can reduce the labour cost.	Almix should be applied in transplanted rice @ 20 gm/ha to control the grassy and broad leaved weeds
Assessment of paddy variety "Luna Subarna" in saline mid land	Saline tolerant rice variety Luna Subarna can increases the yield of rice over local rice variety Chakaakhi	Saline tolerant rice variety Luna Subarna should be cultivated in saline affected areas for getting higher yield.
Assessment of Imazethapyr for weed management in groundnut	Imazethapyr application as post-emergence can reduce the weed population in the groundnut and reduces the cost of weeding.	Imazethapyr application @ 750 ml/ha as early post emergence at 7-10 days after sowing can effectively control the grassy and broadleaved weeds in groundnut and thereby increases the yield.
Assessment of herbicide "Oxyflurofen" in brinjal	"Oxyflurofen" is very effective in controlling weeds in brinjal and reduces cost of cultivation up to 22%.	The technology needs to be popularized through large scale demonstrations.
Assessment of baby corn hybrid "HM-4"	Baby corn is more profitable than Maize. The B:C ratio is 3.29 in baby corn as compared to 1.72 in maize.	Cultivation of baby corn needs to be popularized through large scale demonstrations.
Assessment of pointed gourd hyv "Swarna alaukik"	The yield of pointed gourd var.Swarna alaukik is 18% more than the local cultivar.	Quality planting materials may be produced at departmental nurseries for supply to farmers.
Assessment of ethrel in pumpkin	It is a low cost technique and effective in increasing female flower percentage up to 21%.	The technology needs to be popularized through large scale demonstrations..
Assessment of growth performance of grass carp with alternative feed	Grass carp takes grass as feed. So grasses can be applied as alternative feed for them.	Where grass carp has stocked grass should be applied as alternative feed to reduce the feed cost. Grass carp should be 10% of total fish stocking in the pond.
Assessment of fresh water prawn in saline water	Fresh water prawn can survive in the saline water .But this environment is not suitable for the growth of fresh water prawn.	Fresh water prawn can grow in the salinity of less than 10 ppt. So the environment suitable for shrimp is not suitable for fresh water prawn. Culture of fresh water prawn in shrimp pond increases 28.5% of production as compared to the shrimp culture in extensive method..

Assessment of multiple stocking and multiple harvesting	Multiple stocking and multiple harvesting helps in better production of fish.	In the four months interval of culture period the suitable nos of fish are harvested for selling the same nos of yearlings should be stocked for better production.
Assessment of Azolla as supplementary feed for milk cow	Substitution of 1.0kg of concentrate with 2kg., Azolla per day	Azolla cultivation at backyard to substitute concentrate feed @ 2kg of Azolla for 1kg. Concentrate.
Assessment of Mushroom of paddy straw mushroom	Volvariella diplesia has good yield	Should be popularize d in the district due to its high production capacity
Assessment of tomato concentrate self-keeping quality in polyprepelene bag.	Farmer should preserve tomato concentrate in polyprepele bag for more self life.	Line dept. should popularize the method
Assessment of rotavator in puddling of rice field	Tractor operated rotavator should be used for puddling of rice field before transplanting for less weed & better yield	Tractor operated rotavator should be recommended for puddling of rice field for better field capacity.
Assessment of SRI(power weeder)in transplanted rice	Power weeder is effective if 1st weeding & 2nd weeding is done during 12-15 days after transplanting and 22-25 days after transplanting.	Power weeder is recommended for weeding in line transplanted rice in irrigated condition
Assessment of Sugarcane stripper	Sugarcane stripper is effective for propping the sugarcane plants during rainy season for better growth.	Sugarcane stripper is effective for propping the standing sugarcane crop during rainy season and also detaching of leaves after harvest and before commercial use.

2.2 Economic Performance

KVK name	OFT Title	Parameter			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	Demo	Check	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	Assessment of Metsulfuron+ chloromuron (Almix) for weed management in transplanted paddy	Weed count at harvest/m^2	3	11	33695	31738		57125	61500		23430	29762		1.69	1.94	
Jagatsinghpur	Assessment of paddy variety "Luna Subarna" in saline mid land	No of Tillers/hill	15	11	32780	33080		50250	55750		17470	22670		1.53	1.68	
Jagatsinghpur	Assessment of Imazethapyr for weed management in groundnut	Weed count at harvest/m^2	04	14	33600	32190		46000	57600		12400	25410		1.37	1.79	
Jagatsinghpur	Assessment of herbicide	Weed count at harvest/m^2 (No.)	04	12	68040	66260		198677	208056		130637	141796		2.92	3.14	

	"Oxyflurofen" in brinjal															
Jagatsinghpur	Assessment of baby corn hybrid "HM-4"	No. of cobs /plant (No.)	03	01	29500	48600		41600	157200		12100	108600		1.41	3.2	
Jagatsinghpur	Assessment of pointed gourd hyv "Swarna alaukik"	Fruit weight (g)	17.9	13.8	68372	72070		176400	226300		108028	154223		2.58	3.14	
Jagatsinghpur	Assessment of ethrel in pumpkin	% of female flowers (%)	87	61	51037	52202		108200	144600		57163	92398		2.12	2.77	
Jagatsinghpur	Assessment of rotavator in puddling of rice field	Puddling index	0.7	0.5	33500	33500		52500	56250		19000	22750		1.5	1.6	
Jagatsinghpur	Assessment of power (SRI) weeder	Labour saving in weeding	5man days	36 man days	33500	31980		56250	60000		22750	28020		1.6	1.8	
Jagatsinghpur	Assessment of sugarcane stripper	Labour saving in propping	30 man days	40 man days	88375	86659		220900	223250		132525	136591		2.4	2.6	
Jagatsinghpur	Assessment of growth performance of grass carp with alternative feed	Wt of grass carp	1.5	1.4	2,00,000	1,81,000		4,00,000	4,10,000		2,00,000	2,29,000		2	2.2	
Jagatsinghpur	Assessment of fresh water prawn in saline water	Wt. of prawn	20g	40g	1,20,000	1,50,000		2,10,000	2,70,000		90,000	1,20,000		1.7	1.8	
Jagatsinghpur	Assessment of multiple stocking and multiple harvesting	Avg.Wt.of fish	600g	600g	2,00,000	2,25,000		4,00,000	5,30,000		2,00,000	3,05,000		2	2.3	
Jagatsinghpur	Assessment of *Azolla* as supplementary feed for milch cow.	Milk yield Lit/day	8.5	8.0	2900/ month	2450/month		4700/-	5610/		3800	5160		1.6	2.2	

Jagatsinghpur	Assessment of performance of paddy straw mushroom variety *Volvariella diplesia* in summer season	Yield (kg)/day	1.5	1.0	45	45		108	135		63	90		2.4	3	
Jagatsinghpur	Assessment of enriched bone meal (0.5%) on the body weight of backyard poultry	Body weight/ bird(kg)	1.5	1.7	1200	1500		3000	3800		1800	2300		2.5	2.53	
Jagatsinghpur	Assessment of self keeping quality of tomato concentrate in polypropelene bag	Self keeping quality Duration	1month	4months	30/- per 10 kg	250/ per kg		30	550		-	300			2.2	

3. Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years (upto 2011-12)

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Jagatsinghpur	Paddy	Varietal introduction	Introduction of HYV paddy variety Varshadhan in low land situation	Field day, Trainings, Group discussion, Night meetings, booklets-leaflets, CD show, Seed village programme	90	780	450
Jagatsinghpur	Paddy	Varietal introduction	Introduction of HYV paddy variety Manaswini in medium land situation	Trainings, Group discussion, Night meetings, booklets-leaflets, CD shows, Seed village programme	06	30	25
Jagatsinghpur	Paddy	Varietal introduction	High yielding rice in medium to low land situation var. Pratikshya	Trainings, Group discussion, Night meetings, booklets-leaflets, CD shows,	08	72	140
Jagatsinghpur	Paddy	Varietal introduction	Package demonstration of scented rice var. Ketakijuha	Demonstration, Group Discussion	03	20	15
Jagatsinghpur	Brinjal	Varietal introduction	Cultivation of wilt resistant variety of brinjal “Utkal Keshari”	Demonstration, Training, Field visit	06	42	26
Jagatsinghpur	Papaya	Varietal introduction	High yielding papaya cultivation	Training exposure visit, literature	07	16	6.1
Jagatsinghpur	Cauliflower	INM	INM in cauliflower	Field visit, Training , Exposure visit	06	71	12.4

Jagatsinghpur	Marigold	Varietal introduction	Introduction of marigold	Training, Field visit	03	60	7.0
Jagatsinghpur	Banana	INM	Cultivation of Tissue cultured banana	Field visit, Training , Exposure visit	04	12	4.8
Jagatsinghpur	Paddy	IPM	Need based pesticide application	ID, field day, training, exposure visit	08	82	162
Jagatsinghpur	Brinjal	IPM	Neem based pesticide application to control fruit shoot borer in brinjal	Training, GD, demonstration	03	14	3.2
Jagatsinghpur	Betel vine	IDM	Spraying bordeux Mixture to manage leaf and stem blight in betel vine	GD, field visit, Training, demonstration	09	17	
Jagatsinghpur	Groundnut	INM	Groundnut cultivation	GD, Field visit, Training	06	44	32
Jagatsinghpur	Greengram, Blackgram	INM	Green gram & Black gram cultivation	Training, EF, Field day	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	30	7
Jagatsinghpur	Fish	Magur culture	Introduction of magur culture	GD, Field visit, Field day, CD show, Demonstration	06	13	1
Jagatsinghpur	Fish	Integrated fish farming	Poultry-cum-pisciculture	GD, Field visit, Field day, CD show, Demonstration	09	16	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	-

Details of FLDs implemented during 2012-13

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep – No.	Name of Variety Entreprizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Jagatsinghpur	Varietal substitution	Rice	Kharif 2012	Rice variety Hanseswari under low land situation	2.0 ha	Hanseswari	49.8	41.6	19.7	2	-	5	-	7

Jagatsingh pur	Weed management	Rice	Kharif 2012	Application of herbicide pyrozosulfuron ethyl (Sathi) @ 200 gm / ha in paddy	2.0 ha	CR-1018	49.4	45.0	9.5	-	-	8	-	8
Jagatsingh pur	INM	Sunflower	Rabi 2012-13	Soil test based fertilizer + gypsum 250 kg/ha + borax 10 kg/ha	1.0 ha	JK Chitra	Continuing	-	-	-	-	2	3	5
Jagatsingh pur	Vermicompost production	Vermi compost	Rabi 2012-13	Vermi compost production	10 units	*Eisenia foetida*	42kg/ m^3 per 3 months cycle	-	-	-	-	6	4	10
Jagatsingh pur	Varietal substitution	Fodder	Kharif 2012	Demonstration of Hybrid Napier variety "CO-4"	0.4ha	Hybrid Napier var. CO-4	1500	1200	20	-	-	3	-	3
Jagatsingh pur	INM	Chilli	Rabi 2012-13	Soil test based NPK (120:50:75kg/ha) + Sulphur @ 625g/ha + Zinc EDTA @ 625g/ha	1.0ha	Suryamukhi	198.9	168.4	18.11	4		2	4	
Jagatsingh pur	INM	Pumpkin	Summer 2013	Demonstration of grounded Neem Seed 2.0kg +10kg f\fresh Cow dung+ 200lt of water once 30DAS	1.0ha	Guamala	361.2	312.6	15.54	1		6	3	
Jagatsingh pur	ICM	Cucumber	Rabi 2012-13	Demonstration of Ethrel @ 1.0ml/10lt of water	1.0ha	Poinset	181.6	156.1	16.33	2		6	2	
Jagatsingh pur	INM	Pointed gourd	Rabi 2012-13	Soil test based NPK(120:80:80kg/ha) + Magnessium Sulphate @ 25kg/ha	1.0ha	Baialishmouza local	239.5	203.1	17.92	2		8		
Jagatsingh pur	Varietal substitution	Water Chest nut	Kharif 2012	Demonstration of Water Chest nut in waste water bodies	0.4ha	Balasore Green	31.4	-	-			4	1	
Jagatsingh pur	Poultry	Poultry	Kharif 2012	Demonstration of vaccine & medicines for colour birds in back yard	100 nos	OUAT colour synthetic birds	2.5kg /bird	1.7kg/ bird	47%	5	-	5	-	10

Jagatsingh pur	Live stock production	Milch cow	Kharif 2012	Balanced feed preparation from rice bran, pulse, mineral mixture (2:1:1)	10 nos.	CB Cows	9liter milk/ day	8 liter /day	12.5%	-	-	3	-	3
Jagatsingh pur	Mushroom cultivation	Paddy straw Mushroom	Rabi 2012	Demonstration of Paddy straw mushroom cultivation during winter in low cost poly house	100 beds	*Volvariella volvacea*	1.0 kg/bed	0.7 kg/bed	42.8	1	-	-	3	4
Jagatsingh pur	Enterprise	Prawn pickle preparation	Additional cost and increment of self-life	Value addition in fish	10 units	Mine fish	200 per kg	400 per kg	Additional cost 200 per kg	6		4		10
Jagatsingh pur	Feed Mnagement	Fish	Kharif 2012	Growth promoter for fish (Raa fres AQ@ 500g/1ton of feed)	1.0ha	IMC	45.2	40.7	11				5	5
Jagatsingh pur	IPM	Paddy	Kharif 2012	Stage 1 – (Nursery) – apply Cartap hydrochloride 4G@20kg/ha, Stage 2 – (Mid tillering) when 5% dead heart or 1 egg mass /sqmt, apply cartap hydrocloride 4G(20kg/ha), Stage 3 – (P.I. Stage and – when 1 moth /m2, apply triazophos 40EC @1lt/ha) for management of stem borer in paddy	2.0ha	Swarna	44.8	39.1	13.41	2	-	3	5	10
Jagatsingh pur	IPM	Green gram	Rabi 2012-13	Spray of triazophos 40EC @1lt/ha)management of pod borer in green gram	2.0ha	Farmers variety (Jhain Muga)	5.4	4.7	14.89	-	-	4	6	10

Jagatsinghpur	Varietal substitution	Paddy	Kharif 2012	Demonstration of hybrid rice variety Rajalaxmi	2.0ha	Rajalaxmi	65.6	53.2	18.9	-	-	10	-	10
Jagatsinghpur	Farm mechanisation	Paddy	Kharif 2012	Demonstration of self propelled rice transplanter	2.0 ha	CR -1018	50	45	11.0					6
Jagatsinghpur	Farm Mechanisation	Paddy	Kharif 2012	Demonstration self propelled reaper	2.0 ha	CR -1018	46	45	2.2					7
Jagatsinghpur	Drudgery reduction	Coconut	Rabi 2012-13	Demonstration of coconut dehuskaer	200 nuts	coconut	100nos/hr	15nos/hr	566					20
Jagatsinghpur	Drudgery reduction	Sunflower	Rabi 2012-13	Demonstration of sunflower thresher	1.0ha	Chitra	Cont.							10

3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	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	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
Jagatsinghpur	Rice	Var. Hanseswari	Grains/ panicle No.	188	148	33080	32780	62250	52000	29170	19220	1.88	1.59
Jagatsinghpur	Rice	Application of herbicide pyrozosulfuron ethyl (Sathi) @ 200 gm / ha in direct	Grains/ panicle No.	169	152	31820	33640	61750	56250	29930	22610	1.94	1.67

		seeded paddy											
Jagatsinghpur	Vermicompost	Vermi compost production	Copmpost production(kg/m^3/cycle of 3months)	42 kg/m^3/ cycle	-	2200/ year	-	5700 /year	-	3500/year	-	2.59	-
Jagatsinghpur	Fodder(hybridn apier)	High bird napier var. CO-4	Green fodder Qt/ha	1500	1200	32500	31000	45000	36000	12500	5000	1.38	1.16
Jagatsinghpur	Rice	Hybrid rice variety Rajalaxmi	Grains/ panicle No.	256	202	39152	34350	82000	66500	42848	32150	2.09	1.93
Jagatsinghpur	Chilli	Demonstration of INM in chili	Yield(q/ha)	198.9	168.4	68200	62800	216200	164100	148000	101300	3.17	2.61
Jagatsinghpur	Pumpkin	Demonstration of ICAR validated ITK in Pumpkin	Yield(q/ha) % female flower retention	361.286	312.673	62100	61300	174500	129400	112400	68100	2.81	2.11
Jagatsinghpur	Cucumber	Demonstration on	Yield(q/ha)	181.6	156.1			176800		115200		2.87	

		application of Plant growth regulator(Ethrel) in Cucumber	Female flower (%)	81	69	61600	60800		141100		80300		2.32
Jagatsinghpur	Pointed gourd	Demonstration of INM in Pointed gourd	Yield(q/ha) Wt. of fruit(g) No. of fruits / vine	239.5 25.6 34	203.1 28.3 12	74600	71400	236700	197100	162100	125700	3.17	2.76
Jagatsinghpur	Water chestnut	Demonstration of Water chestnut in waste water bodies	Yield(q/ha) Wt. of fruit(g) No. of fruits / vine	31.4 18.6 24	-	38600	-	82800	-	44200	-	2.14	-
Jagatsinghpur	Rice	Stage 1 – (Nursery) – apply cartap hydrochloride 4G@20kg/ha , Stage 2 – (Mid tillering) when 5%	dead heart %	2.5	6.0	31,900		48,384		16,484		1.51	1.4

		dead heart or 1 egg mass /sqmt, apply cartap hydrocloride 4G(20kg/ha), Stage 3 – (P.I. Stage and – when 1 moth /m2, apply triazophos 40EC @1lt/ha) for management of stem borer in paddy					29,400		42,228		12828		
Jagatsinghpur	Green gram	Spray of triazophos 1 lt/ha for management of pod borer in green gram	Infested pods M^2	0.6	3.4	17000	15800	29700	25850	12700	10,050	1.74	1.63
Jagatsinghpur	Rice	Rice transplanter	labour	160	200	28488	33500	62500	56250	34012	22750	2.2	1.6
Jagatsinghpur	Rice	Reaper	labour	170	200	31720	33500	57500	56250	25780	22750	1.8	1.7
Jagatsinghpur	Coco nut	Dehusker	No of coconut dehusked	100nos/hr	15nos/hr	Cost of coconut & dehusking 606/day	Cost of coconut & dehusking 3340/day	960/day	6400/day	354/day	3060/day	1.9	1.5

Jagatsinghpur	Fish	Growth promoter as feed additive	Avg. Growth of fish in kg	700	600	2,05,500	2,03,500	4,52,000	4,07,000	2,47,000	2,04,000	2.2	2
Jagatsinghpur	Poultry	Feed supplementation	Body wtkg/bird	2.5	1.7kg	120/ per bird	90	375	255	255	165	3.1	2.8
Jagatsinghpur	Enterprise	Feed management	Milk yieldltr./day	9 ltr./day	8ltr./day	2500 per month	2300 Per month	5400 per month	4800 per month	2900	2500	2.16	2.0
Jagatsinghpur	Enterprise	Mushroom	Yield/bed kg	1.0 kg/bed	0.7 kg/bed	45/bed	45/bed	120/ bed	70/bed	75/ bed	25/bed	2.67	1.55

3.4 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Jagatsinghpur	Rice	Field days	1	32	
		Farmers Training	1	20	
		Media coverage			

		Training for extension functionaries	1	25	
Jagatsinghpur	Rice	Field days	1	30	
		Farmers Training	1	20	
		Media coverage			
		Training for extension functionaries	1	15	
Jagatsinghpur	Sunflower	Field days			
		Farmers Training	1	20	
		Media coverage			
		Training for extension functionaries			
Jagatsinghpur	Vermi compost	Field days	1	25	
		Farmers Training	1	20	
		Media coverage			
		Training for extension functionaries	1	15	
Jagatsinghpur	Hybridnapier	Field days	1	30	
		Farmers Training	1	20	
		Media coverage			
		Training for extension functionaries			
Jagatsinghpur	Rice	Field days	1	20	
		Farmers Training	1	20	
		Media coverage			
		Training for extension functionaries	1	15	
Jagatsinghpur	Chili	Field days-1	1	40	
		Farmers Training-1	1	20	
		Media coverage-1	1	Mass	
		Training for extension functionaries			
Jagatsinghpur	Pumpkin	Field days-1	1	40	
		Farmers Training-1	1	20	
		Media coverage-1			
		Training for extension functionaries			
Jagatsinghpur	Cucumber	Field days-1	1	40	
		Farmers Training-1	1	20	
		Media coverage-1			
		Training for extension functionaries	1	10	
Jagatsinghpur	Poined gourd	Field days-1	1	40	
		Farmers Training-1	1	20	
		Media coverage-1			
		Training for extension functionaries			
Jagatsinghpur	Water chestnut	Field days-1	1	40	
		Farmers Training-1	1	20	
		Media coverage-1	1	Mass	
		Training for extension functionaries-1	1	10	
Jagatsinghpur	Poultry	Field days –	1	40	

		Farmers Training -	2	40	
		Media coverage -2	1	Mass	
		Training for extension functionaries- 1	1	10	
Jagatsinghpur	Cow	Field days – 1	-	-	
		Farmers Training – 1	1	20	
		Media coverage -1	-	-	
		Training for extension functionaries	-	-	
Jagatsinghpur	Mushroom	Field days – 1	-	-	
		Farmers Training -2	2	40	
		Media coverage – 4	1	Mass	
		Training for extension functionaries - 2	1	10	
Jagatsinghpur	Value addition	Field days – 1			
		Farmers Training – 2	1	20	
		Media coverage – 3			
		Training for extension functionaries			
Jagatsinghpur	IDM	Field days – 1			
		Farmers Training – 1	1	20	
		Media coverage – 1			
		Training for extension functionaries			
Jagatsinghpur	INM	Field days – 1			
		Farmers Training – 2	1	30	
		Media coverage – 1			
		Training for extension functionaries	1	15	
Jagatsinghpur	IPM	Field days – 1	1	25	
		Farmers Training – 2	2	20	
		Media coverage – 1	-	-	
		Training for extension functionaries	-	-	
Jagatsinghpur	IPM	Field days – 1	1	15	
		Farmers Training – 2	1	20	
		Media coverage – 1	-	-	
		Training for extension functionaries	-	-	
Jagatsinghpur	IDM	Field days – 1			
		Farmers Training – 2			
		Media coverage – 1			
		Training for extension functionaries			
Jagatsinghpur	IDM	Field days – 1			
		Farmers Training – 2	1	20	
		Media coverage – 1			
		Training for extension functionaries			
Jagatsinghpur	Fish	Field days	1	20	
		Farmers Training	2	40	
		Media coverage	-	-	

		Training for extension functionaries	-	-	

3.5 Details of FLD on crop hybrids.

Sr.No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
01	Jagatsinghpur	**Rice**	**Rajalxmi**	**CRRI, Cuttack**	**10**	**2.0**
02	Jagatsinghpur					
03	Jagatsinghpur					
04	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	Application of Almix in rice	Group discussion, personal contact, field visit	There is saving of Rs.2520/ha toward the cost of weeding	Accepted for 100% adoption
Jagatsinghpur	Saline tolerant rice var. Luna Subarna	Group discussion, personal contact, field visit	There is 10.9 % increase in yield of rice over ruling rice variety	Accepted for 100% adoption
Jagatsinghpur	Imazethapyr application in groundnut	Group discussion, personal contact, field visit	There is saving of Rs.1104/ha toward the cost of weeding	Accepted for 100% adoption
Jagatsinghpur	Rice variety Hangseswari	Group discussion, personal contact, field day, field visit	There is 19.7 % increase in yield of rice over ruling rice variety	Accepted for 100% adoption
Jagatsinghpur	Application of weedicide Sathi in rice	Group discussion, personal contact, field day, field visit	There is saving of Rs 1980/ha towards the cost of weeding	Accepted for 100% adoption
Jagatsinghpur	Vermicompost production	Group discussion, personal contact, field day, field visit	There is profit of Rs3500/year from $1m^3$ area.	Accepted for 100% adoption
Jagatsinghpur	Hybrid napier fodder grass	Group discussion, personal contact, field day, field visit	Perennial grass. Hence fodder is available throughout the year	Accepted for 100% adoption

Jagatsinghpur	Hybrid rice Rajalaxmi	Group discussion, personal contact, field day, field visit	There is 18.9 % increase in yield of rice over ruling rice variety Swarna	Accepted for 100% adoption
Jagatsinghpur	Assessment of herbicide "Oxyflurofen" in brinjal (Application of herbicide - Oxyflurofen @ 250ml/ha at 4-5 DAT)	Group discussion, opinion pool, field day, field visit	Labour cost reduced by Rs.8000/- Net income was Rs.204440/ha with B:C ratio of 3.14	Farmers will adopt this low cost and effective technology in future .
Jagatsinghpur	Demonstration on application of ethrel in cucumber (Foliar spray of ethrel@ 200ppm once at 2-3 leaf stage)	Group discussion, opinion pool, field day, field visit	Increased no. of female flowers, No flower drop. Net income was Rs.115200/ha with B:C ratio of 2.87	Farmers will adopt this low cost and effective technology in future .
Jagatsinghpur	Demonstration of water chestnut in waste water bodies from where no income was received previously	Group discussion, opinion pool, field day, field visit	Earlier no income was received. Net income was Rs.44200/ha with B:C ratio of 2.14	Farmers will adopt this technology in future. .
Jagatsinghpur	Demonstration of INM in chilli (Soil test based application of NPK(120:50:75 kg/ha)+Sulphur @625g/ha + Zinc EDTA @ 625g/ha)	Group discussion, opinion pool, field day, field visit	Application of Sulphur increased the pungency of chilli and Zinc increased the colour &luster of chilli. Net income was Rs.148000/ha with B:C ratio of 3.17	Farmers will adopt this technology in future.
Jagatsinghpur	Chemical management of stem borer in paddy	Group discussion, opinion pool, field day, field visit	Application of granular insecticide Cartap hydrochloride in nursery and spraying with triazophos in main field is quit effective managening paddy stem bor	Farmers will adopt this technology in future
Jagatsinghpur	Chemical Management of thrips and pod borer by spraying monocrotophos in green gram	Group discussion, opinion pool, field day, field visit	Spraying monocrotophos at flowering stage is effective in controling both thrips and pod borer in mung	Farmers will adopt this technology in future
Jagatsinghpur	Assessment of growth performance of grass carp with alternative feed	Group discussion, personal contact, field day, field visit	Feed cost is reduced due to application of grass as feed.	Accepted for 100% adoption
Jagatsinghpur	Assessment of fresh water prawn in saline water	Group discussion, personal contact, field day, field visit	Profitable , but not as shrimp farming and monoculture of prawn farming	Accepted for 100% adoption

Jagatsinghpur	Assessment of multiple stocking and multiple harvesting	Group discussion, personal contact, field day, field visit	Profitable as the production is high and net return is high also	Accepted for 100% adoption
Jagatsinghpur	Growth promoter in the feed	Group discussion, personal contact, field day, field visit	Growth promoter increases the production as 11%	Accepted for 100% adoption
Jagatsinghpur	Demonstration of vaccine & medicines for colour birds in back yard	Group discussion, personal contact, field day, field visit	Increase in body weight, decrease in morbidity and mortality	Accepted for 100% adoption
Jagatsinghpur	Balanced feed preparation from rice bran, pulse, mineral mixture (2:1:1) (Only [illegible] KVK)	Group discussion, personal contact, field day, field visit	Increase in SNF , higher price of milk	Accepted for 100% adoption
Jagatsinghpur	Demonstration of Paddy straw mushroom cultivation during winter in low cost poly house	Group discussion, personal contact, field day, field visit	Increase in Mushroom production in off season	Will be accepted in future
Jagatsinghpur	Land preparation under wet field condition	Tractor operated rotavator	Better field capacity(OFT)	More no of farmers will adopt [illegible]
Jagatsinghpur	Power weeder in line transplanted rice	Self-propelled power weeder	1st weeding should be done during 12-15days after transplanting(OFT)	Farmers learned about power weeder
Jagatsinghpur	Propping of Sugarcane plants & detrashing of harvested	Hand operated sugarcane stripper	Ease of propping sugarcane plants(OFT)	More & more farmers will adopt sugarcane stripper
Jagatsinghpur	Mechanical transplanting of rice	Self-propelled rice transplanter	More farmers learned about mechanical transplanting of rice(FLD)	More farmers will adopt mechanical transplanting of rice
Jagatsinghpur	Mechanical Harvesting of rice	Self-propelled reaper	More farmers learned about mechanical	More farmers will adopt mechanical transplanting of
Jagatsinghpur	Coconut dehusker	Hand operated coconut dehusker	Ease & faster way of dehusking matured	Farmers are interested to use in future

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Jagatsinghpur	In Maize, high proteinous varieties in Baby corn may be released.

Jagatsinghpur	Flower drop and premature fruit drop is a problem in Pointed gourd due to lack of pollination so Gynoedioceous varieties may be developed
Jagatsinghpur	Flower drop and premature fruit drop is a problem in Pumpkin due to lack of pollination so Gynoedioceous varieties may be developed
Jagatsinghpur	**For ease of operation the weight of Power weeder should be reduced by incorporating plastic components**
Jagatsinghpur	**i) The gap between handle and knife should be more for convenient operation** **ii) ii) the spring used in the stripper gets loosened hence need to replace with better one**

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	
CP	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
RY	Rural Youth
IS	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, use abbreviations only.**

Table 5.1: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	FW	GD diagonostic visit	18.04.12, Bartira	15
Jagatsinghpur	FW	GD diagonostic visit	04.05.12, Sanakarkora	25
Jagatsinghpur	FW	GD diagonostic visit	28.05.12, Sanimula	20
Jagatsinghpur	RY	GD diagonostic visit	08.06.12, Khadagpur	30
Jagatsinghpur	IS	GD diagonostic visit	18.07.12, KVK campus	20
Jagatsinghpur	FW	GD diagonostic visit	18.08.12, Tulanga	25
Jagatsinghpur	IS	GD diagonostic visit	24.09.12, KVK campus	28
Jagatsinghpur	RY	GD diagonostic visit	14.09.12 Pubapada	18
Jagatsinghpur	IS	GD diagonostic visit	11.10.12, KVK campus	15
Jagatsinghpur	FW	GD diagonostic visit	06.11.12, Purijena	28
Jagatsinghpur	FW	GD diagonostic visit	27.11.12, Kanaguli	20
Jagatsinghpur	FW	GD diagonostic visit	05.12.12, Bhajana	35
Jagatsinghpur	FW	GD diagonostic visit	09.01.13Mahira	25
Jagatsinghpur	FW	GD diagonostic visit	21.01.13, Bhatapada	20
Jagatsinghpur	FW	GD diagonostic visit	7.02.13Bhutamundai	30
Jagatsinghpur	RY	GD diagonostic visit	27.02.13Kulasamantarapur	24
Jagatsinghpur	FW	GD diagonostic visit	06.03.13dharadharpur	25

Table 5.2. Details of Training programmes conducted by the KVKs.

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	**Target for No. of participants**	**Participants**							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	**2**	**3**	**4**	**5**	**7**	**8**		**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Jagatsinghpur	FW	ONC	SFM	Management of acidic and saline soil	1	2	20	3		4	-	-	-	13	-
Jagatsinghpur	FW	ONC	CP	Organic rice cultivation	1	2	20	2	-	-	-	-	-	18	-
Jagatsinghpur	FW	ONC	SFM	Soil testing and soil test based fertilizer recommendation	1	2	20	1	-	3	-	-	-	16	-
Jagatsinghpur	FW	ONC	PIS	Vermi compost production	1	2	20	-	-	1	-	-	-	19	
Jagatsinghpur	FW	ONC	PIS	Production of Azolla	1	2	20	1	-	-	-	-	-	16	3
Jagatsinghpur	FW	ONC	HOV	Package of practices for Baby corn	1	2	20	8		4				8	
Jagatsinghpur	FW	ONC	HOV	Package of practices for water chestnut	1	2	20	4		6				10	
Jagatsinghpur	FW	ONC	HOV	Improved package of practices of Pointed gourd	1	2	20	3		1				16	
Jagatsinghpur	FW	ONC	WOE	Popularization of paddy straw mushroom	1	2	20		15		5				
Jagatsinghpur	FW	ONC	OTH	Preparation of balanced feed for cattle from rice bran, pulse power, salt & fodder	1	2	20		19		1				
Jagatsinghpur	FW	ONC	WOE	Proper planning, cropping pattern and variety in nutritional garden	1	2	20		18		2				
Jagatsinghpur	FW	ONC	PLP	Disease pest management in Okra	1	2	20	14	-	6	-	-	-	-	-
Jagatsinghpur	FW	ONC	PLP	IPM in kharif rice	1	2	20	16	-	4	-	-	-	-	-
Jagatsinghpur	FW	ONC	PLP	Use of ITK for pest complex of paddy	1	2	20	16	-	4	-	-	-	-	-
Jagatsinghpur	FW	ONC	PLP	Preparation of Neem base pesticide	1	2	20	18	-	2	-	-	-	-	-

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	**Target for No. of participants**	**Participants**							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	**2**	**3**	**4**	**5**	**7**	**8**		**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Jagatsinghpur	FW	ONC	FIS	Composite fish farming	1	2	20	9	-	-	-	-	-	11	-
Jagatsinghpur	FW	ONC	FIS	Integrated fish farming	1	2	20	7	-	2	-	-	-	11	-
Jagatsinghpur	FW	ONC	FIS	Desi magur culture	1	2	20	8		3	-	-	-	9	-
Jagatsinghpur	FW	ONC	FIS	Monoculture of fresh water prawn	1	2	20	6	-	2	-	-	-	12	-
Jagatsinghpur	FW	ONC	AEG	Post harvest technology for pulses	1	1	20	7	-	3	-	-	--	10	-
Jagatsinghpur	FW	ONC	AEG	Use of sugarcane stripper	1	1	20	4	-	4	-	-	-	12	-
Jagatsinghpur	RY	ONC	PIS	Vermicompost production technology	1	2	20	4	-	2	-	-	-	14	-
Jagatsinghpur	RY	ONC	OTH	Integrated farming system for livelihood security	1	2	20	6	-	-	-	-	-	14	-
Jagatsinghpur	RY	ONC	HOO	Commercial floriculture	1	3	20	5		3				12	
Jagatsinghpur	RY	ONC	HOF	Entrepreneurship development through nursery business	1	3	20	7		4				9	
Jagatsinghpur	RY	ONC	FIS	Fish fingerlings production techniques	1	2	20	8		2	-	-	-	10	-
Jagatsinghpur	RY	ONC	FIS	Value addition in fin fish	1	2	20	-	4	-	-	-	-	-	16
Jagatsinghpur	RY	ONC	AEG	Use of farm implements in rice cultivation	1	2	20	7	-	2	-	-	-	11	-
Jagatsinghpur	RY	ONC	AEG	Agro service centre for income generation	1	2	20	5	-	3	-	-	-	12	-
Jagatsinghpur	IS	ONC	PIS	Vermiculture Production technology	1	2	15	2	-	-	-	-	-	12	1
Jagatsinghpur	IS	ONC	OTH	Organic farming for sustainable production	1	2	15	2	-	-	-	-	-	9	4

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	**Target for No. of participants**	**Participants**							
								General		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	HOV	Package of practices for water chestnut	1	2	10	4		1				5	
Jagatsinghpur	IS	ONC	HOV	Package of practices for exotic vegetables	1	2	10	6	1					3	
Jagatsinghpur	IS	ONC	WOE	Preparation of dry decorative earthen pot vases	1	2	10				7		3		
Jagatsinghpur	IS	ONC	WOE	Popularization of homestead based vocations for land less farm women	1	2	15				8		2	5	
Jagatsinghpur	IS	ONC	FIS	Management of brackish water environment	1	2	10		5					5	
Jagatsinghpur	IS	ONC	FIS	Recent technology in shrimp farming	1	2	10	5						5	
Jagatsinghpur	IS	ONC	AEG	Micro irrigation systems and their maintenance	1	1	15	4	-	1	-	-	-	10	-
Jagatsinghpur	IS	ONC	CBD	Reforms in Extension system	1	1	15							10	
Jagatsinghpur	FW	OFC	CP	Integrated weed management in paddy	1	1	20	5	-	8	-	-	-	7	-
Jagatsinghpur	FW	OFC	CP	Integrated nutrient management in low land paddy	1	1	20	3	-	-	-	-	-	17	-
Jagatsinghpur	FW	OFC	PIS	Vermi compost production technology	1	2	20	3	-	3	-	-	-	14	-
Jagatsinghpur	FW	OFC	CP	Production technology for scented rice	1	1	20	-	-	7	-	-	-	13	-
Jagatsinghpur	FW	OFC	CP	Integrated nutrient management in groundnut	1	1	20	1	1	5	1	-	-	8	4
Jagatsinghpur	FW	OFC	CP	Production technology for green gram and black gram	1	1	20	3	-	7	-	-	-	10	-

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	**Target for No. of participants**	**Participants**							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	**2**	**3**	**4**	**5**	**7**	**8**		**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Jagatsinghpur	FW	OFC	HOV	Integrated weed management in Brinjal	1	1	20	5		3				12	
Jagatsinghpur	FW	OFC	HOV	INM in chili	1	1	20	8		4				8	
Jagatsinghpur	FW	OFC	HOV	Package of practices for drumstick	1	1	20	9		4				7	
Jagatsinghpur	FW	OFC	HOF	Package of practices for papaya	1	1	20	11		2				7	
Jagatsinghpur	FW	OFC	HOV	INM in cucumber	1	1	20	14						6	
Jagatsinghpur	FW	OFC	HOV	INM in Pumpkin	1	1	20	12		1				7	
Jagatsinghpur	FW	OFC	HOV	Application of micro-nutrient in Cauliflower	1	1	20	15		1				4	
Jagatsinghpur	FW	OFC	HOV	Use of hormones in Pumpkin	1	1	20	10		2				8	
Jagatsinghpur	FW	OFC	HOV	Use of hormones in Cucumber	1	1	20	12						8	
Jagatsinghpur	FW	OFC	OTH	Care and maintenance of brooding chicks	1	1	20	10						10	
Jagatsinghpur	FW	OFC	WOE	Preparation of squash from mango	1	1	20		15		5				
Jagatsinghpur	FW	OFC	WOE	Preparation of pickles from mango	1	1	20		12	-	3				5
Jagatsinghpur	FW	OFC	WOE	Proper planning and layout of kitchen garden	1	2	20		10				3		7
Jagatsinghpur	FW	OFC	WOE	Preparation of pickle and sauce from Mushroom	1	2	20		8		2				10
Jagatsinghpur	FW	OFC	WOE	Women friendly tools and implements for drudgery reduction	1	1	20		7		3				10
Jagatsinghpur	FW	OFC	OTH	Preparation of Azolla pit for supplementing the feed of milch cow	1	1	20		8		2				10
Jagatsinghpur	FW	OFC	WOE	Techniques of compost making in kitchen garden	1	1	20		5		3				12
Jagatsinghpur	FW	OFC	WOE	Preparation of lemon squash and pickle	1	1	20		11						9

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	**Target for No. of participants**	**Participants**							
								General		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	WOE	Preparation of pickle from seasonal vegetables	1	1	20		7		1				12
Jagatsinghpur	FW	OFC	WOE	Preparation of low cost and nutrient efficient diet from groundnut	1	1	20		7		3			3	7
Jagatsinghpur	FW	OFC	PLP	Disease pest management in banana	1	1	20	20	-	-	-	-	-	-	-
Jagatsinghpur	FW	OFC	PLP	Wilt management in solanaceous vegetables	1	1	20	14	-	6	-	-	-	-	-
Jagatsinghpur	FW	OFC	PLP	IDM in Betelvine	1	1	20	20	-	-	-	-	-	-	
Jagatsinghpur	FW	OFC	FIS	Pond management in pisciculture	1	1	20	3	-	3	-	-	-	14	-
Jagatsinghpur	FW	OFC	FIS	Feeds for fish and its preparation method	1	1	20	3	-	7	-	-	-	10	-
Jagatsinghpur	FW	OFC	FIS	Shrimp culture in healthy aquatic environment	1	1	20	2	-	7	-	-	-	11	-
Jagatsinghpur	FW	OFC	FIS	Feeds for shellfish and its preparation method	1	1	20	3		6	-	-	-		
Jagatsinghpur	FW	OFC	FIS	Finfish diseases and their control	1	1	20	3	-	3	-	-	-	8	6
Jagatsinghpur	FW	OFC	FIS	Shellfish diseases and their control	1	1	20	2	-	3	-	-	-	10	5
Jagatsinghpur	FW	OFC	AEG	Rice transplanting through self propelled rice transplanter	1	1	20	7	-	5	-	-	-	8	-
Jagatsinghpur	FW	OFC	AEG	Use of weeders in transplanted rice	1	1	20	5	-	2	-	-	-	13	-
Jagatsinghpur	FW	OFC	AEG	Erection of Low tunnel for raising vegetable seedlings	1	1	20	7	-	3	-	-	-	10	-
Jagatsinghpur	FW	OFC	AEG	Plastic mulching in vegetable cultivation	1	1	20	6	-	3	-	-	-	11	-

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	**Target for No. of participants**	**Participants**							
								General		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	AEG	Mechanical weeding in vegetable cultivation	1	1	20	4	-	3	-	2	-	11	-
Jagatsinghpur	FW	OFC	AEG	Mechanical harvesting of rice	1	1	20	3	-	4	-	1	-	12	-
Jagatsinghpur	FW	OFC	AEG	Use of coconut tree climber and coconut dehusker	1	1	20	7	-	2	-	3	-	8	-
Jagatsinghpur	FW	OFC	CBD	Farmer organization and its management	1	1	20	10						10	
Jagatsinghpur	RY	OFC	CP	Foundation and certified seed production in rice	1	2	20	2	-	5	-	-	-	13	-
Jagatsinghpur	RY	OFC	CP	Seed production technology in green gram and black gram	1	2	15	1	-	-	-	-	-	14	-
Jagatsinghpur	RY	OFC	WOE	Paddy straw mushroom cultivation	1	2	10		4						6
Jagatsinghpur	IS	OFC	AEG	Mechanization of rice cultivation	1	1	20	5	-	3	-	1	-	11	-

Table 5.3. Details of Vocational training programmes for Rural Youth to be conducted by the KVKs

Name of KVK	**Training title**	**Crop / Enterprise**	**Identified Thrust Area**	**Duration of training (days)**	**Number of Beneficiaries**					
					SC		ST		Others	
					M	F	M	F	M	F
Jagatsinghpur	Commercial floriculture	Crop	Horticulture-Ornamental plants	3	5		3		12	
Jagatsinghpur	Entrepreneurship development through nursery business	Enterprise	Horticulture-Fruits	3	7		4		9	

Table 5.4. Details of training programme to be conducted for Livelihood Security in rural areas by the KVKs

Name of KVK	**Training title**	**Self employed after training**			**Number of persons employed else where**
		Type of units	**Number of units**	**Number of persons employed**	
Jagatsinghpur	Entrepreneurship development through nursery business	Nursery unit	6	6	3

Table 5.5. Sponsored Training Programmes- Nil

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)	Dura-tion (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Jagatsinghpur														

Table 5.6 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)	Dura-tion (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Jagatsinghpur														

Table 5.7 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	Training on INM in paddy	20	25	65	39.5	47	39500	47000	1. 16ha, 2. Out of 20 farmers 14 farmers have adopted the INM in paddy, 3. (i)Knowlwdgw: 25%(Before)/ 65%(After), (ii)Production: Increased by 19%, (iii)Income: Increased by 15%
Jagatsinghpur	Weed management in paddy	20	30	90	42	47.5	42000	47500	. 16ha, 2. Out of 20 farmers 14 farmers have adopted the INM in paddy, 3. (i)Knowlwdgw: 30%(Before)/ 90%(After), (ii)Production: Increased by 13%, (iii)Income: Increased by 15%
Jagatsinghpur	Seed production in paddy	20	25	80	35	40	52500	60000	. 16ha, 2. Out of 20 farmers 14 farmers have adopted the INM in paddy, 3. (i)Knowlwdgw: 25%(Before)/ 80%(After), (ii)Production: Increased by 14.3%, (iii)Income: Increased by 4.3%
Jagatsinghpur	Management of saline soil	20	20	80	35	42	35000	42000	. 16ha, 2. Out of 20 farmers 14 farmers have adopted the INM in paddy, 3. (i)Knowlwdgw: 20%(Before)/ 80%(After), (ii)Production: Increased by 20%, (iii)Income: Increased by 39%
Jagatsinghpur	Nutrient management of sunflower	20	30	70	18	25	72000	100000	. 16ha, 2. Out of 20 farmers 14 farmers have adopted the INM in paddy, 3. (i)Knowlwdgw: 30%(Before)/ 70%(After), (ii)Production: Increased by 38%, (iii)Income: Increased by 38%

Jagatsinghpur	Training on cultivation of high yielding paddy varieties	20	45	85	43	38	34000	30000	1. 35ha, 2. Out of 20 farmers 18farmers have adopted the newly released variety of paddy, 3. (i)Knowlwdge:45% (Before)/85%(After), (ii)Production: Increased by 13%, (iii)Income: Increased by 14%
Jagatsinghpur	INM in Cauliflower	20	25	80	170	200	17800	26800	1. 18ha, 2. Out of 20 farmers 16farmers have adopted the new technology of cauliflower, 3. (i)Knowledge:25% (Before)/ 85%(After), (ii)Production: Increased by 17.64%, (iii)Income: Increased by 50.56%
Jagatsinghpur	Cultivation of wilt tolerant variety of Tomato	20	35	85	240	300	24500	42500	1. 27ha, 2. Out of 20 farmers 18farmers have adopted the newly released variety of tomato., 3. (i)Knowledge:35% (Before)/ 75%(After), (ii)Production: Increased by 25%, (iii)Income: Increased by 73.46%
Jagatsinghpur	Cultivation of wilt tolerant variety of Chilli	20	25	80	100	125	31800	51800	1. 22ha, 2.Out of 20 farmers 18farmers have adopted the newly released variety of tomato., 3. (i)Knowledge:25% (Before)/ 70%(After), (ii)Production: Increased by 25%, (iii)Income: Increased by 62.89%
Jagatsinghpur	Cultivation of HYV of Colocassia	20	30	75	161.86	196.33	42000	58600	1. 26ha, 2.Out of 20 farmers 16farmers have adopted the newly released variety of colocassia, 3. (i)Knowledge:25% (Before)/ 75%(After), (ii)Production: Increased by 23%, (iii)Income: Increased by 64.22%
Jagatsinghpur	Management of YMV of Okra	20	35	75	114.22	148.42	17600	28400	1. 18 ha, 2.Out of 20 farmers 16farmers have adopted the newly released variety of tomato., 3. (i)Knowledge:32% (Before)/ 85%(After), (ii)Production: Increased by 16.36%, (iii)Income: Increased by 52.28%
Jagatsinghpur	Management of wilt in solanaceous vegetables	20	25	70	210	270	73150	1,01,570	1. 33ha, 2. Out of 20 farmers 18farmers have adopted the new technology., 3. (i)Knowledge:25%(Before)/ 85% (After), (ii)Production: Increased by 22%, (iii)Income: Increased by 38%
Jagatsinghpur	Management of fruit & shoot borer in brinjal	20	20	75	115	165	72800	1,12,000	1. 38ha, 2. Out of 20 farmers 16farmers have adopted the new technology., 3. (i)Knowledge:20%(Before)/ 80%(After), (ii)Production: Increased by 43%, (iii)Income: Increased by 53%
Jagatsinghpur	Management of thrips infestation in chilly	20	30	80	16.5	20.3	69100	85650	1. 41ha, 2.Out of 20 farmers 15farmers have adopted the new technology, 3. (i)Knowledge:30% (Before)/ 85% (After), (ii)Production: Increased by 23%, (iii)Income: Increased by 24%
Jagatsinghpur	IPM in paddy	20	25	75	35	41.5	28000	35000	1. 28ha, 2. Out of 20 farmers 17 farmers have adopted the new technology, 3. (i)Knowledge: 25% (Before)/ 90%(After), (ii)Production: Increased by 19%, (iii)Income: Increased by 25%
Jagatsinghpur	Composite fish farming	20	20	80	22.2	40.1	59200	2,00.000	1. 7ha, 2. 30 farmers, 3. (i) Knowledge:80%, (ii) Production: Increased by 80% (iii)Income: Increased by 237%

Jagatsinghpur	Integrated fish farming	20	25	85	22.3+Meat	40.2+Meat	65,000	2,84,000	1. 4ha, 2. 16 farmers, 3. (i)Knowledge:85% , (ii)Production: Increased by 80.2% (iii)Income: Increased by 336%
Jagatsinghpur	Profitable mushroom production technology	20	25	85	1.8kg/bed	1.2kg/bed	1500/month	2000/month	1.5blocks 2.230nos.3.55%

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	Topics	Crop Stages
				M	F	M	F	M	F			
Jagatsinghpur	Field Day	15	22	460	55	98	53	9	5	Yield report	-	Harvesting stage
Jagatsinghpur	Kisan Mela	03	1	172	15	16	8	3	1	Awareness	-	-
Jagatsinghpur	Kisan Ghosthi	03								Awareness of kvk achievement		
Jagatsinghpur	Exhibition	06	3	Mass								
Jagatsinghpur	Film Show	25	69	1126	195	152	18	5	2	Awareness of Agril. technology	Agriculture &allied topics	
Jagatsinghpur	Method Demonstrations	15	24	230	56	80	28	7	5	-do-	-do-	
Jagatsinghpur	Farmers Seminar	02	04	84	25	32	05	4	1	-do-	-do-	
Jagatsinghpur	Workshop											
Jagatsinghpur	Group meetings	32	34	365	52	23	08	5	2	-do-	-do-	
Jagatsinghpur	Lectures delivered as resource persons	30	22	350	24	57	10	8	4	-do-	-do-	
Jagatsinghpur	Newspaper coverage	15	13	Mass						-do-	-do-	
Jagatsinghpur	Radio talks	15	7	Mass						-do-	-do-	
Jagatsinghpur	TV talks	10	3	Mass						-do-	-do-	
Jagatsinghpur	Popular Articles	15	11	Mass						-do-	-do-	
Jagatsinghpur	Extension Literature	08	6							-do-	-do-	
Jagatsinghpur	Farm Advisory Services	Mass	125	895	156	126	32	-	-	-do-	-do-	
Jagatsinghpur	Scientific visit to farmers field	150	429	1860	294	75	22	9	6	-do-	-do-	
Jagatsinghpur	Farmers Visit to KVK	Mass	-	1155	146	35	33			-do-	-do-	
Jagatsinghpur	Diagnostic Visits	150	118	425	80	27	14	5	2	-do-	-do-	
Jagatsinghpur	Exposure Visits	02	3	50	2	6	-	8	-	-do-	-do-	

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topics	Crop Stages
				M	F	M	F	M	F			
Jagatsinghpur	Ex-trainees Sammelan	02	2	35	22	15	8	-	-	Impact of training	-do-	
Jagatsinghpur	Soil Health Camp	02	2	24	8	6	3	4	-	Soil health mamangemt	Management of acidic and saline soil	
Jagatsinghpur	Animal Health Camp	02	2	46	8	5	3	3	-	Care and management of domestic animal	Vaccination and immunization	
Jagatsinghpur	Agri Mobile Clinic	04	2	50	10	10		2		Pest maanagement	IPM	
Jagatsinghpur	Soil Test Campaigns	05	2	36	10	8	3	4	-	Important of soil test	Soil sample collection and testing	
Jagatsinghpur	Farm Science Club conveners meet	02	15	195	60	10	7	6	2	Awareness of Agril. technology	Agriculture &allied topics	
Jagatsinghpur	Self Help Group conveners meetings	04	8	72	27	18	11	3	4	Awareness of Agril. technology	Agriculture &allied topics	

7. Production and supply of Technological products

7.1 SEED production

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type here SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Jagatsinghpur	Cereals	Paddy	Ranidhan	SD		42 Qtl	To be lifted by OSSC	
Jagatsinghpur		Paddy	Sarala	SD		21 Qtl		
Jagatsinghpur		Paddy	CR-1018	SD		92 Qtl		
Jagatsinghpur		Paddy	Pooja	SD		90 Qtl		
Jagatsinghpur	Pulses	Green gram	OBGG-52	SD		Qtl		
Jagatsinghpur								
Jagatsinghpur								

7.2 Planting Material production

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Jagatsinghpur	Fruits	Mango	22.06.2012	14.01.13	-	Baiganpalli	Saplings	545 nos.	9698	10628	
Jagatsinghpur	Vegetables	Papaya	20.10.2012	18.12.12	-	CO-1	Seedlings	1000 nos	2000	3000	
Jagatsinghpur	Vegetables	Drumstick	12.11.12	15.12.12	-	PKM-1	Seedlings	1000 nos	2000	3500	

7.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
Jagatsinghpur	**BIOAGENTS (Earth worn)**	5000	1500		
Jagatsinghpur	**BIOFERTILIZERS (Vermicompost)**	5 qtl		3010	
Jagatsinghpur	**BIO PESTICIDES**				

7.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
Jagatsinghpur	**Cattle**						
Jagatsinghpur	**Buffalo**						
Jagatsinghpur	**Sheep and Goat**						
Jagatsinghpur	**Poultry**	**Banaraja**	**21 days chicks**	**1000**	**27403**	**33275**	
Jagatsinghpur	**Fisheries**	**IMC**	**Fingerlings**	**10000**	**7000**	**To be harvested**	
Jagatsinghpur	**Others (Specify)**	**Mushroom**	**Spawn**	**100**	**5148**	**10000**	

8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : **Not yet established**

Year of establishment : **-**

8.1 Details of soil & water samples analyzed so far :

KVK Name	Type	No. of Samples	No. of Farmers	No. of Villages	Amount released	Resources to be generated
Jagatsinghpur	Soil Sample					
Jagatsinghpur	Water Sample					

9. Rainwater Harvesting, if available: Not available

Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RY/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/STParticipants		
					Male	Female	Total	Male	Female	Total
Jagatsinghpur										
Jagatsinghpur										
Jagatsinghpur										

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	
Jagatsinghpur	120	550	150	Varieties of field and horticultural crops, seed treatment, nutrient mgt., pest &disease mgt., post harvest mgt, fish pond mgt, popultry mgt., dairy mgt., organic farming, integrated farming

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Jagatsinghpur	26.03.2013	40	Popularization of pond based farming system
Jagatsinghpur			Assessment of suitable var of Pulses in the district
Jagatsinghpur			Value addition in vegetables should be popularized
			Introduction of high value vegetable crops

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

12.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Jagatsinghpur	01-04-12	Quarterly	500	450
Jagatsinghpur	01-07-12	Quarterly	500	450
Jagatsinghpur	01-10-12	Quarterly	500	450
Jagatsinghpur	01-01-13	Quarterly	500	450

12.2 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Jagatsinghpur	**CD**	**Back Yard poultry rearing**	**100**
Jagatsinghpur	**CD**	**Mushroom cultivation: A venture for livelihood security**	**100**
Jagatsinghpur	**CD**	**Vermicomposting**	**100**
Jagatsinghpur	**CD**	**Water chestnut in waste water bodies**	**100**

12.3 PUBLICATIONS

Category	Number	Date of start	Periodicity	Number of copies printed	Number of copies distributed
		Type	Title	Author's name	Number of copies
Research Paper	12				
Technical bulletins	06			500	500
Technical reports	03				
Popular article	24				
News paper coverage	32				
Year Planner	01				
Others (pl. specify)	01				

13. Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Jagatsinghpur	ATMA	State				
Jagatsinghpur	MNREGA	State				
Jagatsinghpur	NHM					

Jagatsinghpur	RKVY					
Jagatsinghpur	DRDA					
Jagatsinghpur	Zila Panchyat					
Jagatsinghpur	Seed Village					
Jagatsinghpur	NAIP					
Jagatsinghpur	Climate Change					
Jagatsinghpur	Others (Plz. Specify)BGREI	Central	50000	Monitoring	Jgatsinghpur, Tirtol and Ersama blocks	

14. Utilization of Farmers Hostel.

Accommodation available (No. of beds):20

KVK Name	Months	Year	Title of the training course	Duration of training(days)	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Jagatsinghpur	May	2012	Management of acidic and saline soil	2	12	1	
Jagatsinghpur	June	2012	Organic rice cultivation	2	16	1	
Jagatsinghpur	July	2012	Soil testing and soil test based fertilizer recommendation	2	9	1	
Jagatsinghpur	September	2012	Vermicompost production technology	2	8	1	
Jagatsinghpur	October	2012	Vermicompost production	2	15	1	
Jagatsinghpur	December	2012	Integrated farming system for livelihood security	2	12	1	
Jagatsinghpur	January	2013	Production of Azolla	2	15	1	
Jagatsinghpur	April	2012	Package of practices for Baby corn	2	20	1	
Jagatsinghpur	May	2012	Package of practices for water chestnut	2	20	1	
Jagatsinghpur	December	2012	Improved package of practices of Pointed gourd	2	20	1	
Jagatsinghpur	September	2012	Commercial floriculture	3	20	2	
Jagatsinghpur	March	2013	Entrepreneurship development through nursery business	3	20	2	
Jagatsinghpur	May	2012	Package of practices for water chestnut	2	10	1	
Jagatsinghpur	June	2012	Popularization of paddystraw mushroom Cultivation	2	20	1	
Jagatsinghpur	June	2012	Preparation of Balanced feed for cattle	2	20	1	
Jagatsinghpur	June	2012	Proper planning & layout of Nutritional Garden	2	20	1	
Jagatsinghpur	September	2012	Package of practices for exotic vegetables	2	10	1	
Jagatsinghpur	Sept	2012	Composite pisciculture	2	20	1	
Jagatsinghpur	Sept	2012	Integrated fish farming	2	20	1	
Jagatsinghpur	Oct	2012	Fish fingerling production	2	20	1	
Jagatsinghpur	Oct	2012	Desi magur production	2	20	1	

15. Utilization of Staff Quarters.

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	
Jagatsinghpur					
Jagatsinghpur					

16. Details of KVK Agro-technological Park –

a) Have you prepared layout plan, where sent?

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

b) Details about Technology Park

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

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
01		
02		
03		

17. 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	Jagastinghpur	Golak Chandra Nayak	Paddy threshing machine	Pubapada Tirtol 9861288897
3	Jagatsinghpur	Bipin Bihar 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	Saurav Biswal	IMC with Pacu cultivation	Tulanga Ersama
6	Jagatsinghpur	Arakshita Nayak	Improved vermicomposting through non paddy bases	Bhutamundei Kujanga 9937336133

18. KVK interaction with progressive farmers- each KVK had already sent a list of 100 progressive farmers to the ZPD, Zone VII, Jabalpur.

Sr. No.	**Date and month of interaction programme with progressive farmers**	**No. of progressive farmers to be participated**
01	01-05-12	25
02	01-08-12	25
03	01-11-12	25
04	01-02-13	25

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Jagatsinghpur	03	03	15	35

Intensive- OFTS, FLDS etc
Extensive- Literatures, Publications, Awareness programmes etc.

20. 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**

21. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
01	Puri	Seeds, Planting materials	
02	Kendrapara	Fingerlings, Yearlings, Portable carp hatchery technology	

22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Jagatsinghpur	Dr S . D . Sharma, Project coordinator, IFFDC ltd , Bhubaneswar	20.6.12	Appreciated KVK activities
Jagatsinghpur	Sunil Gupta, Asst Finance & Acct officer , ZPD Jabalpur	4.1.13	Do
Jagatsinghpur	N .C .Swain , state consultance RKVY cell	21.1.13	Do
Jagatsinghpur	B.K Dey, Agronomist , RKVY cell Bhubanesawr	21.1.13	do

23. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
01	Jagatsinghpur	2012	6	-
02	Jagatsinghpur			
03	Jagatsinghpur			

24. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals
01	Jagatsinghpur	Nil	Nil
02	Jagatsinghpur		

25. E-CONNECTIVITY (ERNET Lab): N il

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							

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Jagatsinghpur	Gosthies			
Jagatsinghpur	Lectures organized	6	125	Agricultural technology
Jagatsinghpur	Exhibition	1	Mass	
Jagatsinghpur	Film show	8	Mass	Agricultural technology
Jagatsinghpur	Fair			
Jagatsinghpur	Farm Visit	3	25	Agricultural technology
Jagatsinghpur	Diagnostic Practical's			
Jagatsinghpur	Distribution of Literature (No.)	3	20	
Jagatsinghpur	Distribution of Seed (q)	-	-	
Jagatsinghpur	Distribution of Planting materials (No.)	2	50	
Jagatsinghpur	Bio Product distribution (Kg)	1	25	
Jagatsinghpur	Bio Fertilizers (q)	1	25	
Jagatsinghpur	Distribution of fingerlings (No)	-	-	
Jagatsinghpur	Distribution of Livestock specimen (No.)	-	-	
Jagatsinghpur	Total number of farmers visited the technology week		140	Agricultural technology

27. INTERVENTIONS ON DROUGHT MITIGATION: Nil

Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
01	Jagatsinghpur			
02	Jagatsinghpur			
03	Jagatsinghpur			

Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
01	Jagatsinghpur	Oilseeds		
02	Jagatsinghpur	Pulses		
03	Jagatsinghpur	Cereals		
04	Jagatsinghpur	Vegetable crops		
05	Jagatsinghpur	Tuber crops		
06	Jagatsinghpur	Fruits		
07	Jagatsinghpur	Spices		
08	Jagatsinghpur	Cotton		
09	Jagatsinghpur			
10	Jagatsinghpur			
11	Jagatsinghpur	**Total**		

Farmers-scientists interaction on livestock management

Sl. No.	Name of KVK	Livestock components	Number of interactions	No. of participants
01	Jagatsinghpur	Dairy Management		
02	Jagatsinghpur	Disease management		
03	Jagatsinghpur	Feed and fodder technology		
04	Jagatsinghpur	Poultry management		
05	Jagatsinghpur			
06	Jagatsinghpur			

Animal health camps to be organized

Name of KVK	Number of camps	No. of animals	No. of farmers
Jagatsinghpur	**02**	**100**	**50**
Jagatsinghpur			

Jagatsinghpur			

Seed distribution in drought hit states

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

Seedlings and Saplings to be distributed

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

Bio-control Agents

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

Bio-Fertilizer

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

Verms Produced

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

Large scale adoption of resource conservation technologies

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

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
Jagatsinghpur												
Jagatsinghpur												

28. Proposal of NICRA: Not applicable

1. Technologies to be Demonstrated

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

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
Jagatsinghpur		

5. **Proposed Activities for Seed Bank**

Established (Years)	Capacity	Current Status
Jagatsinghpur		

6. **Public Representative/District Administration Visited in NICRA Village**

Name of Representative/Officer	Designation	Date of Visit
Jagatsinghpur		

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

8. Good Action Photographs after work progress (step-wise)

29. Proposed works under NAIP (in NAIP monitoring format) Not applicable

30. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Jagatsinghpur	30773631818	2,97,922	2,13,087	2,13,087

31. Awards & Recognitions

KVK Name	Name of award /awardees	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Jagatsinghpur	First prize for state level exhibition of KVKs of Odisha	Institution	Directorate of Extension, OUAT	

32. 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
01	**Jagatsinghpur**	**12**	**06**

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

SUCCESS STORY-I

Name of the KVK- KVK, Jagatsinghur
Title :- Application of plant growth Regulator (Ethrel) in Cucumber

Introduction :-

this is all about Arjun Charan Sethy, a progressive farmer in Gamhapur village of raghunathpur block of Jagatsinghur district of Odisha state. Though he has landed property of 5 acre, he cultivates paddy in 3.5 acre and vegetables in 1.5 acres. Among vegetables cultivation, the principal crops are brinjal, Okra, Cucumber, Okra, Tomato, Chili and pointed gourd. Being ignorant of the better farming practices for growing vegetable, the yield 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 incorporated in her field. Observing his keen interest, the KVK team approached him and assessed his resources and prepared action plan for Sri Arjun Charan Sethy. He strictly followed the plan of work and guided by the scientists to grow vegetable. Last year he was given a demonstration on Application of plant growth regulator (Ethrel) in cucumber in Rabi 2012-13 in 0.1ha. in wich ethrel was foliar sprayed @ 200ppm once at 2-3 leaf stage to increase the percentage of female flower

Out put

Result	Yield q/ha	% charge in yield	Female flower	% charge in parameter	Cost of cultivation (q/ha)	Gross return	Net. income	BC ratio
FP	156.1		69		60800	141100	80300	2.32
RP	181.6	16.33	81	17.39	61600	176800	115200	2.87

Out come

In the potential patch of 1.5acre of vegetables crops cucumber was in 0.25 acre. Following all improved package of practices like selection of varieties, fertilizer application, micronutrient application, Hormone application, plant protection measures he could optimize his yield to 16.33%. he spent Rs.61600/ha as cost of cultivation against which he earned ars. 115200/ha as net profit with a benefit cost ratio of 2.87:1. With immediate success he changed his vision towards vegetable cultivation.

Impact

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

Success story-2

Value addition for livelihood options

Introduction

Krushnachandrapur village under Tirtol block of Jagatsinghpur district is 18 kms away from KVK. Smt. Latika Swain of this village is intermediate in qualification interested to do something for income generation. She is a very bold lady to do something extra-ordinary. This personality factor made her strong and determines to adopt an enterprise. She has very much positive attitude, wants to utilize her own resources and surroundings including man power to earn for their financial empowerment. During the period of onset of Mission Shakti she formed a WSHG in her village named as Nilakantheswar. She started her own enterprise with very little investment of Rs 5000. Started a venture of badi making, where she engaged her six hours daily. Packing, marketing etc. she was doing herself. Getting very marginal profit made her disheartened during that period.

KVK intervention

In the mean time, she came in contact with KVK scientists in WSHG meet and remotivated to boost up her enterprise with new modern technique. Her regular contact and visit to KVK, inspired her to add wool toy making, *papad* making, *chhatua* making with her original enterprise. She participated vocational training by KVK which further improved her knowledge and skill.

Out put

Along with her SHG members she started chhatua making in a large scale with a turnover of Rs. 6 lakhs. KVK helped in linking her to buy handy machines needed for processing, grinding and packaging of chhatua, badi and papad with proper labeling. She marketed the product at Paradeep and Jagatsinghpur. Literature on her particular enterprise provided by KVK improved her capacity. Recent market demand and future market strategy have chalked out with different sitting of interaction with KVK scientist. Timely management of enterprise, key and critical point of enterprise were being evaluated with her by KVK scientists.

Out come

At starting stage of her venture and before KVK intervention she was getting margin profit of Rs.20000/ per annum. But after the close contact and initiation by KVK she is earning a profit of Rs 1.0 lakh/ annum. Some share also she is distributing to those needy women who are helping her in this enterprise. With the profit she has cleared her the loan amount of Rs 2.5 lakhs. Again her happiness adds up when she purchased land and built up a two-storied concrete building. From her sparkling eyes she gives her admiration to KVK and God.

Impact

KVK scientist guided her in all aspect of entrepreneurship. Through constant monitoring and guidance she was awarded to expand her entrepreneurship. She has already initiated the mushroom production and mushroom spawn laboratory to be established in her village and linkage for proper marketing.