

**ANNUAL ACTION PLAN FOR
2016-17
KVK, JAJPUR**



OUAT, BHUBANESWAR



ZPD (ICAR) ZONE VII

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Instructions for Filling the Format

- 1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.**
- 2. Do not merge columns, rows.**
- 3. Please repeat the name of KVK in each table in the column “Name of KVK”.**
- 4. Do not fill the non-numerical values in numeric field**
- 5. Do not repeat the unit while reporting data as it is already mentioned in the heading row**
- 6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit**
- 7. Please mention only Standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)**
- 8. Additional relevant information may be provided at the end of Format mentioning “Additional Information”**
- 9. 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.**

Note for Annual Action Plan 2016-17

- 1) Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1st April, 2014 to 31st March 2015 in the table no.1,(1.1,1.2,1.3,1.4), 2.1, 3.2, 3.4, 3.5, 4.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6 6.0, 7.1, 7.2, 7.3, 7.4, 8.1, 9.0, 10.0, 11, 12.1, 12.2, 12.3, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29. Remaining of the column and tables will be filled up after completion of the work as Annual Progress Report.

- 2) Any other activities proposed not mentioned in this format may be incorporated in the last page with certain specification.

PERIOD – April 2016 to March, 2017

Summary of the activities

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
Jajpur	OFTs	20	221			
Jajpur	FLDs – Oilseeds (activity in ha)	90	190			
Jajpur	FLDs – Pulses (activity in ha)	80	180			
Jajpur	FLDs – Cotton (activity in ha)	-	-			
Jajpur	FLDs – Other than Oilseed and pulse crops(activity in ha)	5.6	40			
Jajpur	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	11	90			
Jajpur	Training-Farmers and farm women	45	1125			
Jajpur	Training-Rural youths /Vocational training	24	240			
Jajpur	Training- Extension functionaries	9	225			
Jajpur	Extension Activities	2158	12920			
Jajpur	Seed Production (Number of activity as seeds in quintal)	3 nos. 274 qtl.	OSSC			
Jajpur	Planting material ((Number of activity as quantity of planting material in quintal)	-	-			
Jajpur	Seedling Production (Number of activity as number of seedlings in numbers)	100000	45			
Jajpur	Sapling Production (Number of activity as number of sapling in numbers)					
Jajpur	Other Bio- products (No. of quantity)	50qntl. Vermin compost	25			
Jajpur	Live stock products (Poultry, fish)	5000birds 5qntl.	350			
Jajpur	Activities of Soil and Water Testing Laboratory	1000 nos.				
Jajpur	Rainwater Harvesting System	-	-			
Jajpur	Kisan Mobile Advisory (KVK-KMA)	48	23000			
Jajpur	SAC Meeting (Date & no. of core/ official members)	20.07.2016	30			

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
		7.12.2016	30			
Jajpur	Literature to be Developed/Published	10				
Jajpur	Convergence programmes / Sponsored programmes	-	-			
Jajpur	Utilization of Farmers Hostel	5				
Jajpur	Utilization of Staff Quarters	2	2			
Jajpur	Details of KVK Agro-technological Park					
Jajpur	Crop Cafeteria-	12				
Jajpur	Farm Innovators- list of 10 farm innovators from the District	10	10			
Jajpur	Status of Revolving Funds	3				
Jajpur	Awards and Recognitions	5				
Jajpur	Case study / Success Story to be developed	2				
Jajpur	KVK Progressive Farmers interaction	5				
Jajpur	Outreach of KVK in the District (No. of blocks, no. of villages)	Intensive :7/16 Extensive :3/8	100 30			
Jajpur	Technology Demonstration under Tribal Sub Plan					
Jajpur	KVK Ring	2				
Jajpur	Important visitors to KVK	-	-			
Jajpur	Status of KVK Website	8				
Jajpur	Status of RTI	-	-			
Jajpur	E-connectivity	-	-			
Jajpur	Details of Technology Week Celebrations	7	200			
Jajpur	Interventions on Drought Mitigation					
Jajpur	Proposal of NAIP	-	-			
Jajpur	Proposal of NICRA	-	-			
Jajpur	Well labeled photographs					
Jajpur	Other Activities (Mushroom production(paddy straw & oyster mushroom	4 qtl.				

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

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)
Jajpur	Senior Scientist & Head	Dr.(Mrs) Tilottama Pattnaik	Home Science	Ph.D	Human Resource Development	37400-67000	53670/-	20.06.2012	Permanent	Others
Jajpur	Scientist 1	Mrs. Babita Mishra	Horticulture	M.Sc .Ag	Horticulture	15,600-39,100	22220/-	13.08.2014	Contractual	Others
Jajpur	Scientist 2	Mrs. Dharitri Patra	Women Agril.	M.Sc .Ag	Women Agril.	15,600-39,100	23070/-	16.01.2016	Contractual	Others
Jajpur	Scientist 3	Mrs Bijayalaxmi Mohanta	Ag.Engg	M.Tech	Post harvest processing and food Engineering	15,600-39,100	19810/-	12.04.2012	Contractual	Others
Jajpur	Scientist 4	Mr. Subhasis Dash	Soil Science	M.Sc. Ag	Soil science	15,600-39,100	19810/-	11.06.2013	Contractual	Others
Jajpur	Scientist 5	Vacant	-	-	-	-	-	-	-	-
Jajpur	Scientist 6	Vacant	-	-	-	-	-	-	-	-
Jajpur	Programme Assistant	Dr. A.K. Das	Vety.Sc	MVSc	.	9300-34,800	9300/-	23.12.2015	Contractual	Others
Jajpur	Farm Manager	Mr. Bipra Charan Swain	Agronomy	M.Sc. Ag	Agronomy	9300-34,800	11010/-	27.07.2013	Contractual	Others
Jajpur	Computer Programmer	Mrs. Sangita Panda	Computer	B.Sc. PGDCA	Computer	9300-34,800	12930/-	02.09.2014	Contractual	Others
Jajpur	Accountant / superintendent	Mr. Pradip Kumar Mangaraj	Accountant	B.A		9300-34,800	14560/-	07.03.2014	Permanent	Others
Jajpur	Stenographer	Mr. Trupti Ranjan Barik	Steno	B.Sc	Computer	5200-20,200	7560/-	29.06.2012	Contractual	Others
Jajpur	Driver	Mr. Pravat Ku. Nayak	-	10th	-	5200-20,200	7130/-	5.11.2015	Contractual	Others
Jajpur	Driver	Mamtaz Alli Khan	-	10th	-	5200-20,200	6600/-	08.07.2013	Contractual	Others
Jajpur	Supporting staff	Mr. Lachhaman Swain	-	-	-	4,440-14,680	6010/-	27.09.2013	Contractual	Others
Jajpur	Supporting staff	Sri Bhagira Dalei	-	-	-	4,440-14,680	5580/-	08.07.2014	Contractual	Others

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

Geographical area	28,9990 ha
Cultivation land	14,54,50ha
Resources	2,66,000ha land
Forest Area	7,2527
Opportunities	Water bodies & river valley
Irrigation	93,725 ha
Population	18,27,192

1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2015 to 31.3.2016 (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Jajpur	Dihakuransa	2014	Rasulpur	35	473	90
Jajpur	Dhanjayapur	2013	Danagodi	55	413	123
Jajpur	Sankharidiha	2014	Dharmasala	25	325	45
Jajpur	Bhubaneswarpur	2015	Jajpur	130	800	140
Jajpur	Nuapala	2016	Binjharpur	162	2000	300

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

KVK Name	THRUST AREA
Jajpur	Varietal substitution in field and horticultural crops.
Jajpur	Off-season vegetable cultivation.
Jajpur	Popularization of energy rich, high value and cash crops.
Jajpur	Commercial cultivation of fruit, flowers, medicinal and aromatic crops.
Jajpur	Production of quality seed and planting materials in different major crops of the district.

Jajpur	Improved crop management practices in cereals, pulses, vegetables and cash crops.
Jajpur	Post harvest technology and value addition of cereals, pulses, oil seeds, vegetables and fruits.
Jajpur	Farm resource management.
Jajpur	Insect pest disease management.
Jajpur	Drudgery reduction through use of farm implements.
Jajpur	Creating avenues for self employment through entrepreneurship development.
Jajpur	Family food and nutritional security.
Jajpur	Production and management of organic input.
Jajpur	Farm mechanization
Jajpur	Soil and water conservation.
Jajpur	Disaster management
Jajpur	Protected cultivation and precession farming.
Jajpur	Poultry, duckery, goatery and dairy farming.
Jajpur	Fresh water aquaculture

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
Jajpur	Deterioration of existing varieties used by the farmers in field and horticultural crops	PRA survey & group discussion	Dihakuransa ,Rasulpur Badabiruan ,Korei
Jajpur	Distress sale of seasonal vegetables	PRA survey & group discussion	Dihakuransa ,Rasulpur,Badabiruan ,Korei
Jajpur	Less production from traditional field & vegetable crops	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana
Jajpur	Traditional farming gives low farm income	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana
Jajpur	Unavailability of quality seed and planting materials	PRA survey & group discussion	Dihakuransa ,Rasulpur Badabiruan ,Korei

Jajpur	Lack of proper crop management practice in field, vegetable and pulses and other cash crops	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana Dihakuransa ,Rasulpur Badabiruan ,Korei
Jajpur	Loss of food grain due to lack of post harvest management	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana
Jajpur	Improper farm resource management	PRA survey & group discussion	Dihakuransa ,Rasulpur Badabiruan ,Korei,Dhanajaypur Danagadi
Jajpur	Lack of knowledge on integrated pest and disease management	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana Dihakuransa ,Rasulpur Badabiruan ,Korei
Jajpur	Ignorance of latest farm technology increase the drudgery of farm women	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana Dihakuransa ,Rasulpur Badabiruan ,Korei
Jajpur	Unemployment problem of rural youth	PRA survey & group discussion	Dihakuransa ,Rasulpur Badabiruan ,Korei,Dhanajaypur Danagadi
Jajpur	Food and nutritional insecurity of farm families	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana Dihakuransa ,Rasulpur Badabiruan ,Korei
Jajpur	Limited farm mechanization	PRA survey & group discussion	Badasila ,Rambhadeipur Badachana Dihakuransa ,Rasulpur
Jajpur	Lack of knowledge on soil and water conservation	PRA survey & group discussion	Dihakuransa ,Rasulpur Badabiruan ,Korei,Dhanajaypur Danagadi

WHOLESOME AGRICULTURE MODEL FOR JAJPUR DISTRICT

Vill- Dihakuransa Block- Rasulpur, Dist- Jajpur

For Irrigated upland Eco system

Existing cropping system

Rice-vegetable, Rice-greengram, Rice- groundnut

MODULE-I

Problem	1 st Year Intervention	2 nd Year Intervention	3 rd Year Intervention
Low yield of paddy due to improper nutrient management practices from existing paddy Var- Khandagiri	Introduciton of high yielding paddy var. Jogesh, Sahabghadidhan with soil test based fertiliser application , needbased plantprotection measures.	Nutrient management in Paddy. <ul style="list-style-type: none"> Application of N-P₂O₅-K₂O as per soil test result and ZnSo₄@2.5 kg/ha as basal application 	<ul style="list-style-type: none"> Follow up action for practicing all the intervention in Kharif. Follow up training for capacity building. Skill training for soil sample collection , testing.
Low yield of groundnut due to soil acidity and inadequate nutrient management practices .	<ul style="list-style-type: none"> Acid soil management in groundnut with lime @ 0.2LR or soil amendment with PMS @5q/ha Soil test based fertilizer dose +FYM@ 2t/ha. 	<ul style="list-style-type: none"> Introduction of groundnut variety Devi. Integrated nutrient management practices for Rabi groundnut. Seed treatment with Carboxin @2gm/kg seed seed inoculation with rhizobium culture @20gm/kg seed Application of Gypsum @250kg/ha in the root zone area two spraying of Boron 0.2% at flowering & 20 days after flowering stages along with soil test based fertilizer application. 	<ul style="list-style-type: none"> Follow up action for practicing all the interventions. Follow up training for capacity building acid soil management. Skill oriented training for entrepreneur ship on grading & packaging, export & value addition and market linkage.
Low yield from existing potato var- Kufri lalima with improper fertilizer management.	Introduction of high yielding potato var- Kufri Surya with soil test based fertilizer application varietal characteristic – yield potential 250 -300 qt/ha, duration 75 days ,heat tolerant good cooking quality	Integrated nutrient management in potato includes Seed tuber treatment with25gm Azotobactoer / kg of tuber, application of Neem oil cake 2.5qt/ha, application of FYM 15 ton/ha Soil test based fertilizer application.	Skill orientated training for entrepreneur ship development, safe storage of potato, value addition of potato market linkage
Dropping Groundnut seeds behind the plough is labour intensive work	Line sowing with the use of Bullock drawn seed cum fertilizer drill .	Line sowing with the use of Bullock drawn seed cum fertilizer drill . Application of Gypsum @ 250 kg/ha along with soil test based fertiliser application.	Skill Training on entrepreneurship development on farm mechanization

Cont....

Problem	1st Year Intervention	2nd Year Intervention	3rd Year Intervention
Un utilization of Paddy straw & use of existing variety Volvariella volvacea	Paddy straw mushroom var-OSM 11 & 12 (30bed/month/person) with management practices like straw sterilization, bed preparation & nutrient supplement with gram powder	Paddy straw mushroom var-OSM 11 & 12 (30bed/month/person) and <ul style="list-style-type: none"> ▪ Oyster mushroom cultivation var-P.Sajarcaju with different substrate.(Paddystraw+ Sugarcane bagasse, Paddystraw+ Pasteurized banana leaves) 30 bed /month 	Skill training on mushroom spawn production, value addition in mushroom (Mushroom soup powder dried mushroom) & Market linkage
Less Egg & meat Production From Local poultry (60Nos. of Egg) & 1kg of chicken	Backyard Poultry rearing with pallisree (50nos. Bird) egg laying capacity 150 egg/year, average body weight bird(2 months) 1.7kg	Backyard Poultry rearing with pallisree (100nos. Bird) egg laying capacity 150 egg/year, average body weight bird(2 months) 1.7kg	Skill Training on entrepreneurship development in poultry farming & Market linkage.
	Expected increase income 30% & 140 man days	Expected increase income 45% & 180 man days	Expected increase income 60% & 220 man days

Village- Choromuha, Block- Dhrmasala, Dist-Jajpur

For Irrigated medium land Eco system

Existing cropping system
Rice-vegetable, Rice-greengram, Rice-Blackgram

Module-II

Problem	1 st Year Intervention	2 nd Year Intervention	3 rd Year Intervention
Low yield from existing variety Lalat with poor nutrient management .	Cultivation of HYV variety Lalat with Application of N-P ₂ O ₅ -k ₂ O as per soil test result and ZnSO ₄ @25 kg/ha, Borax @10kg/ha along with FYM @ton/ha as basal application.	<ul style="list-style-type: none"> ▪ Nutrient management in Hybrid rice Rajalaxmi with application of balance doze of fertilizer (as per soil test result) ▪ Application of N-P₂O₅-k₂O as per soil test result and ZnSO₄@25 kg/ha, Borax @10kg/ha along with FYM @ton/ha as basal application. 	<ul style="list-style-type: none"> ▪ Skill training on post harvest management on cleaning grading of hybrid rice & packaging for marketing. ▪ Follow up training for capacity building in hybrid rice production.
Low yield of Greengram Jhain moong, due to inadequate nutrient management practices and soil acidity.	<ul style="list-style-type: none"> ▪ Acid soil management in green gram by application of Lime@0.2 LR or soil amendment with PMS@5q/ha. ▪ Soil test based fertilizer dose +FYM @ 2t/ha. 	Varietal substitution with TARM-1. Seed treatment with vitavax @ 2.5gm/kg & inoculation with rhizobium culture @ 20gm/kg of seed along with RDF (as per soil test based)	Skill training on post harvest management on cleaning, grading, dal making & packaging for marketing
Low yield due to cultivation of local blackgram variety, Lahabiri with improper nutrient management.	Varietal substitution with PU-31Seed treatment with vitavax @ 2.5gm/kg & inoculation with rhizobium culture @ 20gm/kg of seed along with RDF (as per soil test based)	Variety PU-31, with Seed treatment with vitavax @ 2.5gm/kg & inoculation with rhizobium culture @ 20gm/kg of seed,FYM@ 2ton/ha incubated with PSB 5kg/ha. spraying of thiomethoxam@5gm/10lit water. <ul style="list-style-type: none"> ▪ Line sowing with the use of seed cum fertiliser drill along with RDF (as per soil test based), 	Skill training on post harvest management including cleaning, grading, dal making, packaging & Market linkage.
Heavy incidence of YMV disease in Greengram	YMV management through Seed treatment with vitavax @ 2.5gm/kg installation of yellow sticky trap 50 nos/ha spraying of thiomithoxam @ 5 gm/10lit of water at 7 th & 14 th & 21DAS	YMV management through Seed treatment with vitavax @ 2.5gm/kg installation of yellow sticky trap 50 nos/ha spraying of thiomithoxam @ 5 gm/15lit of water at 7 th & 14 th & 21DAS , soil test based fertilizer application.	Skill training on post harvest management including cleaning, grading, dal making, packaging & Market linkage

Cont.....

Problem	1st Year Intervention	2nd Year Intervention	3rd Year Intervention
Low Yield from cultivation of Tomato var- Utkal Kumari with imbalanced fertilizer application.	Varietal substitution with hybrid Swarna Vijay with soil test based fertilizer application and need based plant protection measure.	INM in Cultivation of hybrid tomato swarna vijaya comprising seed treatment with Azotobactor @25 gm/kg seed,application of neem oil cake 2.5 qtl/ha, soil test based fertilizer application & need based plant protection measures.	Skill Training on scientific management practice, nursery raising, value addition & market linkage.
Low Yield & low Profit from local pointed gourd cultivation (Gedi potala) in raised bed.	Varietal substitution with Swarna Alaukik in triangular stacking system along with planting ratio of female: male 9:1, soil test based fertilizer application.	Cultivation of Pointed gourd variety in triangular stacking system along with application of neem oil cake 2.5qt/ha, vine treatment with 25gm Azotobactor /1kg vine with soil test based fertilizer application.	Skill Training on pointed gourd rooted vine production, entrepreneurs development & Market linkage
Less Egg & meat Production From Local poultry (60Nos. of Egg) & 1kg of chicken	Backyard Poultry rearing with pallisree (50nos. Bird) egg laying capacity 150 egg/year, average body weight bird(2 months 1.7kg	Backyard Poultry rearing with pallisree (100nos. Bird) egg laying capacity 150 egg/year, average body weight bird(2 months 1.7kg	Skill Training on entrepreneurship development & Management of poultry farm & Market linkage.
Un utilization of Paddy straw & use of existing variety Volvariella volvacea	Paddy straw mushroom var-OSM 11 & 12 (30bed/month/person) with management practices like straw sterilization, bed preparation & nutrient supplement with gram powder	Paddy straw mushroom var-OSM 11 & 12 (30bed/month/person) and <ul style="list-style-type: none"> ▪ Oyster mushroom cultivation var-P.Sajarcaju with different substrate.(Paddystraw+ Sugarcane bagasse, Paddystraw+ Pasteurized banana leaves) 30 bed /month 	Skill training on mushroom spawn production, value addition in mushroom (Mushroom soup powder dried mushroom) & Market linkage
	Expected increase income 30% & 140 man days	Expected increase income 40% & 180 man days	Expected increase income 60% & 230 man days

Village- Khadipada, Block- Jajpur, Dist-Jajpur

For Rain fed medium land Eco system

Existing cropping system
Rice-vegetable, Rice-greengram, Rice-Blackgram

Module-III

Problem	1 st Year Intervention	2 nd Year Intervention	3 rd Year Intervention
Low yield of paddy due to local variety Kalachampa, Bigyan with improper nutrient management.	Varietal substitution with Swarna Sub-1 with soil test based fertilizer application . Application of N-P ₂ O ₅ -K ₂ O as per soil test result and application of half of the N, entire amount of P and two third of k as basal and the remaining N in two equal splits at 3 weeks after transplanting and at panicle initiation stage and ZnSO ₄ @ 25kg/ha, as basal application.	Nutrient management in High yielding paddy var. Swarna Sub1. Application of N-P ₂ O ₅ -K ₂ O as per soil test result and application of half of the N, entire amount of P and two third of k as basal and the remaining N in two equal splits at 3 weeks after transplanting and at panicle initiation stage and ZnSO ₄ @ 25kg/ha, as basal application.	Skill Training for enterpreneur ship development & value addition in paddy(fine rice, flaked rice, puffed rice)
Un utilisation of Paddy straw & use of Age old existing Volvariella var. causes low yield	Paddy straw mushroom var-OSM 11 & 12 (30bed/month/person) with management practices like straw sterilization then bed preparation & nutrient supplement with gram powder	Paddy straw mushroom var-OSM 11 & 12 (30bed/month/person) and <ul style="list-style-type: none"> ▪ Oyster mushroom cultivation var- P.Sajarcaju with different substrate.(Paddystraw+ Sugarcane bagasse, Paddystraw+ Pasteurized banana leaves 50 bed /month 	Skill training on mushroom spawn production, value addition in mushroom & Market linkage
Low yield of Greengram Jhain moong, inadequate nutrient management practices and soil acidity.	<ul style="list-style-type: none"> ▪ Acid soil management in green gram. ▪ Soil test based fertilizer dose +FYM @ 2t/ha +Lime@0.2 LR or soil amendment with PMS@5q/ha 	Varietal substitution with TARM-1. Seed treatment with vitavax @ 2.5gm/kg & inoculation with rhizobium culture @ 20gm/kg of seed along with RDF (as per soil test based)	Skill training on post harvest management on cleaning grading dal making & packaging for marketing
Low yield due to cultivation of local blackgram variety, Lahabiri with improper nutrient management.	Varietal substitution with PU-31Seed treatment with vitavax @ 2.5gm/kg & inoculation with rhizobium culture @ 20gm/kg of seed along with RDF (as per soil test based)	Variety PU-31 with Integrated nutrient management comprising Seed treatment with vitavax @ 2.5gm/kg & inoculation with rhizobium culture @ 20gm/kg of seed,FYM@ 2ton/ha incubated with PSB 5kg/ha. spraying of thiomethoxam@5gm/10lit water. <ul style="list-style-type: none"> ▪ Line sowing with the use of seed cum fertilizer drill along with RDF (as per soil test based), 	Skill training on post harvest management including cleaning, grading, packaging & Market linkage.

Cont.....

Problem	1st Year Intervention	2nd Year Intervention	3rd Year Intervention
Low yield due to cultivation of degenerated varieties of chilli, onion, okra, brinjal etc	Cultivation of capsicum var. California wonder, onion variety AFLR, Okra var- Mahyco-10, Brinjal var-Syngenta Hyb132	INM in capsicum var-california wonder with soil test based fertilizer application ,seed treatment with Azotobactor 25gm/kg of seeds, application of neem oil cake 2.5 qtl/ ha, FYM 15 ton/ha recommended package of practices	Follow up action for practising all intervention, Skill Training on nursery raising ,Cultivation practices of high value crop & market linkage.
Less Egg & meat Production From Local poultry (60Nos. of Egg) & 1kg of chicken	Backyard Poultry rearing with pallisree (50nos. Bird) egg laying capacity 150 egg/year, average body weight bird(2 months 1.7kg	Backyard Poultry rearing with pallisree (100nos. Bird) egg laying capacity 150 egg/year, average body weight bird(2 months 1.7kg	Skill Training on entrepreneurship development & Management of poultry farm & Market linkage.
	Expected increase income 25% & 120 man days	Expected increase income 40% & 160 man days	Expected increase income 60% & 200 man days

2. On Farm Testing

2.1 Information about OFT to be conducted

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 (with parameter)			Net Returns (Rs./ha)	
										Farmer practice T1	Rec. Tech T2	T3	T1	T2
Jajpur	Kharif-2016	Low yield & poor soil fertility status	Assessment	INM	Paddy	Rainfed medium land	1 ha	13	Assessment of soil fertility management practices by Brown Manuring in medium land Paddy.	T1: No incorporation with dhanicha Soil organic carbon content, Yield(q/ha), BC ratio	T2: Sowing of Dhanicha along with paddy seed and application of 2,4-D Ethyl ester @ 1.0kg/ha at 25-30 DAS with RDF as per soil test value. Soil organic carbon content, Yield(q/ha), BC ratio			
Jajpur	Rabi, 2016-17	Low yield due to heavy weed infestation.	Assessment	INM	Groundnut	Rainfed medium land	.13	13	Assessment of weedicide Imizathapyr for weed management in Groundnut	T1- Manual Weeding yield, No of	T2- Quizalfop-p- ethyl (Targa super)	T3-Use of post emergence herbicide Imizathapyr		

										pods/plant , Weed control efficiency, B.C.ratio	yield, No of pods/plant, Weed control efficiency, B.C.ratio	10%SL@0.075kg/ha 20 DAS yield, No of pods/plant, Weed control efficiency, B.C.ratio		
Jajpur	Kharif, 2016	Low yield due to defective planting system	Assessment	Vegetable cultivation	Banana	Irrigated medium land	1 ha	13	Assessment of different planting methods in banana (var. Bantala)	T1- Square system No. of bunches/ plant, no. of fingers/ bunch, finger wt., length, diameter, yield/ha, B:C ratio	T2- Paired row planting No. of bunches/ plant, no. of fingers/ bunch, finger wt., length, diameter, yield/ha, B:C ratio	T3- Triangular planting system No. of bunches/ plant, no. of fingers/ bunch, finger wt., length, diameter, yield/ha, B:C ratio		
Jajpur	Kharif 2016	Low profit from mono cropping	Assessment	Intercropping	Okra, cowpea (2:1)	Irrigated medium land	0.6	13	Assessment of Okra based intercropping system	T1:Okra only individual fruit wt, no. of fruits/plant , total yield/ha, B:C ratio	T2: Okra:cluster bean intercropping individual fruit wt, no. of fruits/plant total yield/ha, B:C ratio	T3: Okra cowpea intercropping system in 2:1 ratio with recommended package of practices individual fruit wt, no. of fruits/plant, total yield/ha, B:c ratio		
Jajpur	Kharif, 2016	Unavailability of labour	Assessment	Farm mechan	Paddy	Rainfed Medium	1ha	13	Assessment of performance of	T1: - Manual	T2- bullock	T3-		

		and high wages of labour for digging groundnut		ization		land			bullock drawn groundnut digger	digging	drawn groundnut digger			
Jajpur	Kharif 2016	Suboptimal utilization of scavenged feed leading to slow growth	Assessment	LPM	Poultry	Backyard	210 nos.	7	Assessment of Multienzyme mixture on growth of scavenging chicken	T1: Scavenging of chicken without any supplementation	T2- Scavenging of chicken with 30gm feed supplementation Body weight at 90 days	T3-Multi enzyme mixture @ of 0.5% of feed intake along with scavenging and 30gram feed supplementation Body weight at 90 days		
Jajpur	Kharif, 2016	Non availability of feed during floods Endo-parasite infestation in post flood situation. Deterioration of health of the animal due to non availability of pasture and herbs	Assessment	LPM	Goat	Goatary	100 goats	13	Assessment of concentrate feeding on survivability of goats during flood situation	T1- Feeding of low quality (wet & molded) straw as per availability Mortality, Change in body weight	T2- Mineral supplementation during floods & deworming in post flood period Mortality, Change in body weight	T3- Concentrate feeding @ 500gms + 10 gm Mineral mixture/day/adult goat during floods+Deworming with Albendazole in post flood period Mortality, Change in body weight		
Jajpur	Kharif, 2016	Drudgery due to manual transplanting	Assessment	Drudgery reduction	Enterprise	Irrigated medium land	-	13	Assessment of Drudgery reduction by use of four row drum seeder by	T1- Manual Transplanting Heart rate (Beats/mi)	T2-Use of two row drum seeder Heart rate (Beats/mi)	T3-Use of four row drum seeder Heart rate (Beats/min),		

									farm women	n), Energy Expendit ure (K5/min), output, time spent, % decreased in drudgery, % Increased in efficiency	n), Energy Expendit ure (K5/min), output, time spent, % decreased in drudgery, % Increased in efficiency	Energy Expenditure (K5/min),ou tput, time spent, % decreased in drudgery, % Increased in efficiency		
Jajpur	Kharif, 2016	Low yield of paddy straw mushroom V. Volvacea in summer	Assess ment	Small scale income generat ion	Enterprise	Home stead		7	Assessment of paddy straw mushroom strain in extreme heat period	T1: Cultivation of paddy straw mushroom V. volvacea Initiation of mycelial growth(da ys), pinhead appreance(days),wt. of fruits(gm/ 10 buds), production (kg/bed), biological efficiency %, % change in production	T2: Cultivation of paddy straw mushroom strain OSM-11 Initiation of mycelial growth(da ys), pinhead appreance(days),wt. of fruits(gm/ 10 buds), production (kg/bed), biological efficiency %, %	T3: Cultivation of paddy straw mushroom strain OSM-12 Initiation of mycelial growth(days , pinhead appreance(d ays),wt. of fruits(gm/10 buds), production(k g/bed), biological efficiency %, % change in production,		

										, cost of cultivation /bed(Rs.), net income/bed(Rs.), protein content (%) , B:C ratio	change in production , cost of cultivation /bed(Rs.), net income/bed(Rs.), protein content (%) , B:C ratio	cost of cultivation/bed(Rs.), net income/bed (Rs.), protein content (%) , B:C ratio		
Common OFT of Agroclimatic Zone(North eastern coastal plain zone)														
Jajpur	Kharif-2016	Poor nutrient management in Hybrid rice.	Assessment	INM	Paddy	Irrigated medium land	.13	5	Assessment of nutrient management strategy in hybrid rice in rice based cropping system.	T1:imbalanced NPK application Yield attributes, grain yield, soil fertility analysis and Economics	T2:NPK@ 100-50-50KG/ha Yield attributes, grain yield, soil fertility analysis and Economics	T3:NPK@1 20-60-60 kg/ha Yield attributes, grain yield, soil fertility analysis and Economics	T4: T2+ need based Zn @5KG /HA+B @1kg/ ha Yield attributes, grain yield, soil fertility analysis and Economics	
Jajpur	Rabi-2016-17	Low yield due to imbalanced nutrition in Groundnut	Assessment	INM	Groundnut	Irrigated medium land	.13	13	Assessment of micronutrient management practices (Boron+ Sulphur) in groundnut	T1: -No use of Boron and Sulphur in groundnut Yield, No of pods	T2: Soil application of Sulphur @30kg/ha with RDF. Yield, No of pods	T3: Sulphur@30 kg/ha + two foliar spray of Boron 0.2% at flowering and 20 days		

										/plant ,net profit, B.C. ratio	/plant ,net profit, B.C. ratio	after flowering stage with RDF as per soil test value Yield, No of pods /plant ,net profit, B.C. ratio		
Jajpur	Rabi, 2016-17	Low yield and low keeping quality of Utkal kumari	Assessment	Varietal evaluation	Tomato	Irrigated medium land	0.4	13	Assessment of tomato varieties	T1: Utkal Kumari Individual fruit wt., fruit diameter, No. of fruits/plant , yield/ha, B:C ratio	T2: chiranjeebi Individual fruit wt., fruit diameter, No. of fruits/plant , yield/ha, B:C ratio	T3: Hybrid Swarna vijaya along with recommended package of practices 90:60:50 kg NPK/ha with need based plant protection measures, spacing- 75cm X 75 cm Individual fruit wt., fruit diameter, No. of fruits/plant, yield/ha, B:C ratio		
Jajpur	Rabi, 2016-17	Small size tuber , low yield, low profit from local cultivar with low market	Assessment	Varietal evaluation	potato	Irrigated medium land	0.4	13	Assessment of potato varieties	T1: Kufri Lalima No. of tubers/plant, tuber weight,	T2:Kufri Jyoti No. of tubers/plant, tuber weight,	T3: Kufri surya along with recommended package of practice,		

		demand								no. of eyes/tuber, yield/ha, B:C ratio	no. of eyes/tuber, yield/ha, B:C ratio	seed treatment with Azotobacter, Soil test based fertilizer, need based plant protection measures No. of tubers/plant, tuber weight, no. of eyes/tuber, yield/ha, B:C ratio		
Jajpur	Rabi, 2016-17	Dropping groundnut seeds behind the plough is a tedious and time consuming job	Assessment	Farm mechanization	Enterprise	Irrigated medium land	0.8	13	. Assessment of performance of tractor drawn seed cum fertilizer drill in groundnut	T1- Putting groundnut seeds behind the plough by hand Field capacity(ha/hr), seed saving (kg/ha), labour saving (mandays/ha), cost of operation(Rs./ha) yield(q/ha), B:C ratio	T2- Tractor drawn seed cum fertilizer drill Field capacity(ha/hr), seed saving (kg/ha), labour saving (mandays/ha), cost of operation(Rs./ha) yield(q/ha), B:C ratio			

Jajpur	Rabi, 2016-17	Wastage of water is more in surface flow irrigation	Assessment	Farm mechanization	Enterprise	Irrigated Medium land	0.2ha	5	Assessment of drip irrigation with plastic mulching for management of water in cabbage	T1- Surface flow irrigation Yield(q/ha), weed count (no/sqmt), irrigation water use efficiency (kg/ha.cm), B:C ratio	T2- Installation of drip at 4 feet between each lateral and 1.5 feet between the plant to plant spacing with 4 LPH emitter Yield(q/ha), weed count (no/sqmt), irrigation water use efficiency (kg/ha.cm), B:C ratio	T3- drip at 4 feet between each lateral and 1.5 feet between the plant to plant spacing with 4 LPH emitter with mulching Yield(q/ha), weed count (no/sqmt), irrigation water use efficiency (kg/ha.cm), B:C ratio		
Jajpur	Rabi, 2016-17	Less milk production from exotic breed crosses.	Assessment	LPM	Diary	Small scale dairying	100 animals.	7	Assessment of probiotic supplementation with azolla to increase milk production and quality	T1- Control group. Normal concentrate : roughage feeding without probiotic + azolla. Milk quality and quantity determination.	T2- Treatment group. Concentrate mixed with 25% azolla and 20gm probiotic powder. Milk quality and quantity determination.			

Jajpur	Rabi, 2016-17	Low return from selling of loose flower	Assessment	Value addition	Enterprise	Home stead	-	13	Assessment of value addition in marigold var. serakole	T1- direct selling of loose flower keeping quality, Net return, B:C ratio	T2- preparati on of garland and bouque keeping quality, Net return, B:C ratio	T3- preparation of dry flower for wall hanging keeping quality, Net return, B:C ratio		
Jajpur	Rabi, 2016-17	Heavy infestation of storage pest in pulses	Assessment	Storage loss minimization technique	Enterprise	Home stead	-	13	Assessment of storage bin (plastic bin) for storing pulses (greengram)	T1- Storing of pulses in gunny bag with begunia leaves	T2- Storing of pulses in gunny bag mixing with wood ash	T3- Storing of pulses in plastic bin with sand		
Jajpur	Rabi, 2016-17	Low yield from P. Sajarcaju during later part of winter	Assessment	Income generation	Enterprise	Home stead	-	13	Management and use of different substrate in oyster mushroom cultivation	T1- Cultivation of P.Sajarcaju by using of paddy straw as substrate (SHG1) Initiation of mycelia growth (Days), Pinhead appearance (Days), Weight of	T2- Cultivati on of P. florida by using Paddy straw as substrate +pasteurized sugarcane wastage in (50:50 basis) (SHG2) Initiation of	T3- Cultivation of H. Ulmarius by using paddy straw as substrate + drumstick stem in (50:50 basis) (SHG3) Initiation of mycelia growth (Days), Pinhead		

										fruits(gm/10 buds), Production (kg/bed), Biological efficiency (%), % change in production, Cost of cultivation /bed (Rs), Net Income/bed(Rs), Protein content (%), B:C ratio	mycelia growth (Days), Pinhead appearance (Days), Weight of fruits(gm/10 buds), Production (kg/bed), Biological efficiency (%), % change in production, Cost of cultivation /bed (Rs), Biological efficiency (%), % change in production, Cost of cultivation /bed (Rs), Net Income/bed(Rs), Protein content (%), B:C ratio	appearance (Days), Weight of fruits(gm/10 buds), Production (kg/bed), Biological efficiency (%), % change in production, Cost of cultivation /bed (Rs), Net Income/bed(Rs), Protein content (%), B:C ratio		
Common OFT of Agro climatic Zone(North eastern coastal plain zone)														
Jajpur	Rabi, 2016-17	High cost of ploughing, loss of residual soil moisture, broadcasting leads to uneven plant population	Assessment	Resource conservation	mustard	Irrigated medium land		10	Assessment of resource conservation technology in mustard in rice-mustard cropping system of North Eastern Coastal Plain zone	T1: Conventional tillage with broadcasting Field capacity (ha/h), cost of operation(Rs/ha) , yield (q/ha), B:C ratio	T2: seed cum fertilizer drill Field capacity (ha/h), cost of operation(Rs/ha) , yield (q/ha), B:C ratio	T3: Zero till drill Field capacity (ha/h), cost of operation(Rs/ha) , yield (q/ha), B:C ratio		

Jajpur	Round the year	Under utilized pond, Low family income and poor nutritional supplements to the farm family	Assessment	IFS	Paddy, ducked , fishery, mushroom , Fruit & vegetable	Medium Low land	0.4ha	05	Assessment of IFS model for marginal farmers	Analysis of the system (External, internal input use and resource use efficiency, Economics of different components , additional employment generation	Analysis of the system (External, internal input use and resource use efficiency, Economics of different components , additional employment generation	Analysis of the system (External, internal input use and resource use efficiency, Economics of different components, additional employment generation		
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2.1a Recommendations of OFTs

Recommendations		
Title of OFT	For Farmers	For Deptt. Personnel

2.2 Economic Performance

KVK name	OFT Title	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		FP (T ₁)	RP (T ₂)	RP (T ₃)	FP (T ₁)	RP (T ₂)	RP (T ₃)	FP (T ₁)	RP (T ₂)	RP (T ₃)	FP (T ₁)	RP (T ₂)	RP (T ₃)

3. Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years (upto 2015-16)

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

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Jajpur	patato	INM	INM in patato	Trainees (F&FW,Is) field day media coverage	5	50	10
Jajpur	Groundnut	ICM	Demonstration on groundnut variety Devi	Training(F&FW, Is) field day media coverage	5	100	50
Jajpur	paddy	IDM	Demonstration on Integrated disease Management of sheath blight in paddy	Training(F&FW, Is) field day media coverage	4	100	50
Jajpur	chilli	IPM	Demonstration on Integrated pest management practices for control chilli thrips	Training(F&FW, Is) field day media coverage	3	80	40
Jajpur	Water melon	INM	Demonstration on integrated nutrient management in watermelon var .Arka Jyoti (hybrid)	Trainees (F&FW,Is) field day media coverage	6	30	15
Jajpur	Marigold	INM	Effect of diazotrophs and sea weed extract on growth, yield & quality of marigold	Trainees (F&FW,Is) field day media coverage	4	20	15
Jajpur	Axial flow thresher	Farm mechanization	demonstration on axial flow thresher	Trainies (F& FW,Is) field day	10	120	-
Jajpur	Rotavator	Farm mechanization	demonstration on tractor drawn rotavator	Trainies (F& FW,Is) field day	8	80	20
Jajpur	Paddy	Storage minimization technology	Demonstration on Grain pro Super bag for safe storage of rice	Trainies (F& FW,Is) field day	5	40	-
Jajpur	Mushroom	Income generation	Demonstration of Oyster Mushroom variety <i>Hypsizygous ulmarius</i>	Trainies (F& FW,Is) field day	15	150	-
Jajpur	Duck	LPM	Demonstration on rearing of white pekin ducks for meat purpose	Trainies (F& FW,Is) field day	5	25	-

3.2 Details of FLDs to be implemented during 2016-17

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
Jajpur	Soil fertility management	Paddy	Kharif, 2016	Demonstration of Lime@0.1LR to sesbania followed by rice for improving soil productivity	1 ha	Swarna	Yield q/ha, O.C%, B;C ratio	Yield q/ha, O.C%, B;C ratio		1	-	-	4	5
Jajpur	Farm mechanization	Paddy	Kharif, 2016	Demonstration on use of tractor drawn rotavator	1 ha	Tractor drawn rotavator	Field capacity(ha/h), puddling index(%), cost of operation(Rs/ha),fuel saving(lit/ha),yield(q/ha), B.C. ratio	Field capacity(ha/h), puddling index(%), cost of operation (Rs/ha),fuel saving(lit/ha),yield(q/ha), B.C. ratio					5	5
Jajpur	Farm mechanization	paddy	Kharif, 2016	Demonstration on Self propelled rice transplanter	1 ha	Self propelled rice transplanter	Field capacity (ha/h), labour saving (mandays/ha), Yield (q/ha), cost of operation(Rs./ha), B:C ratio	Field capacity (ha/h), labour saving (mandays/ha), Yield (q/ha), cost of operation(Rs./ha), B:C ratio					5	5

Jajpur	LPM	Duckery	Kharif, 2016	Demonstration on rearing of white pekin ducks for meat purpose	50 birds	White pekin	Body weight	Body weight		2	-	3	-	5
Jajpur	LPM	Duckery + fishery	Kharif, 2016	Demonstration on integrated farming technology using duck rearing along with fish pond	200 ducks	Khaki campbell	Net profit out of harvest of fish and selling of egg	Net profit out of harvest of fish and selling of egg		-	-	-	10	10
Jajpur	Value addition	groundnut	Kharif, 2016	Demonstration on value addition in groundnut	-		Shelf life, Net return, B:C ratio	Shelf life, Net return, B:C ratio		2	-	-	8	10
Jajpur	INM	Potato	Rabi-2016-17	Demonstration on Integrated nutrient management in Potato. Application of 25% recommended dose of Nitrogen through FYM and 75% recommended dose of fertilizer through chemical fertilizer. The NPK applied as per soil test based Yield(q/ha)	1ha	Kufri sundari	Yield (q/ha), No. tuber/hill, B:C Ratio	Yield (q/ha), No. tuber/hill, B:C Ratio					5	5
Jajpur	INM	Onion	Rabi-2016-17	Demonstration on micronutrient (Boron & Sulphur) application in Onion. application of Sulfex@20kg/ha & spraying of Borax@0.5% during bulb formation stage with RDF as per soil test value	1ha	Bhima super/ Agrifo and light red	Yield(q/ha), bulb diameter (cm), bulb (wt.) (cm), B:C Ratio	Yield(q/ha), bulb diameter (cm), bulb (Wt.) (cm), B:C Ratio		1	-	-	4	5

Jajpur	Varietal evaluation	Pointed gourd	Rabi 2016-17	Demonstration on pointed gourd var. Swarna Alaukik planting ratio- 9:1(female:male) . Recommended dose of fertilizer- 90:60:60 kg NPK/ha	0.4 ha	Var. Swarna Alaukik	No. of fruits/plant , vine length, wt. of individual fruit, fruit length, diameter, Yield/ha, B:C ratio	No. of fruits/plant, vine length, wt. of individual fruit, fruit length, diameter, Yield/ha, B:C ratio					5	5
Jajpur	INM	Cauliflower	Rabi, 2016-17	Demonstration on Bio fertilizer application in Cauliflower. Azotobacter + Azospirillum+ PSB(1:1:1) @ 3+3+3 kg/ha mixed with pre limed (5%), FYM(1:25) under shade at 30% moisture for 7 days	1 ha	Megha	Yield, Curd wt. size. B:C Ratio	Yield, Curd wt. size. B:C Ratio					5	5
Jajpur	INM	Marigold	Rabi, 2016-17	Demonstration on INM in marigold (var. Serakole) Seed treatment with Azotobacter 25gm/kg of seed RDF(80:80:80) Kg NPK/ha, FYM 10 ton/ha +sea weed extract 25kg/ha	0.4 ha	Var. Serakole	No. of flowers/plant, individual flower wt., diameter, keeping quality, yield/ha, B:C ratio	No. of flowers/plant, individual flower wt., diameter, keeping quality, yield/ha, B:C ratio					5	5

Jajpur	INM	Watermelon	Rabi, 2016-17	Demonstration on integrated nutrient management in watermelon var .Arka Jyoti (hybrid) Cultivation of watermelon hybrid var. Arka Jyoti with recommended package of practices 100:60:60 kg NPK/ha, spacing 2.5m X 1m, seed treatment with Azotobactor 25gm/kg of seed, neem oil cake 2.5qtl/ha, spraying of planofix @2.5ml/10 lit of water at 2-4 leaf stage	0.4	Arka Jyoti	No. of fruits/plant , individual fruit wt., diameter of fruit, yield/ha, B:C ratio	No. of fruits/plant, individual fruit wt., diameter of fruit, yield/ha, B:C ratio					5	5
Jajpur	Varietal evaluation	Capsicum	Rabi, 2016-17	Demonstration on capsicum var. California wonder Seed treatment with Ridomil MZ 2.5ml/lit of water, 162.5kg, 50:75kg NPK/ha, spacing 60cmX45cm with need based plant protection measures	0.4 ha	Var. California wonder	No. of fruits/plant , individual fruit wt., plant height, no. of branches/plant, yield/ha, B:C	No. of fruits/plant, individual fruit wt., plant height, no. of branches/plant, yield/ha, B:C					5	5

Jajpur	Farm mechanization	paddy	Rabi, 2016-17	Demonstration on use of combine harvester	1 ha	combine harvester	Field capacity (ha/h), labour saving (mandays/ha), cost saving (Rs/ha), time saving (h/ha), B:C ratio	Field capacity (ha/h), labour saving (mandays/ha), cost saving (Rs/ha), time saving (h/ha), B:C ratio					5	5
Jajpur	Farm mechanization	paddy	Rabi, 2016-17	Demonstration on tractor drawn axial flow thresher	-	Axial flow thresher	Threshing capacity(q/h), cost of operation(Rs/ qtl.), Time saving(h/ qtl.), B:C	Threshing capacity(q/h), cost of operation(Rs/ qtl.), Time saving(h/ qtl.), B:C					5	5
Jajpur	LPM	Diary	Rabi, 2016-17	Demonstration on cultivation of fodder maize in pond bund in dairy farming	10 cows	Diary	Milk yield in (lit/day)	Milk yield in (lit/day)		1	-	4	-	5
Jajpur	Income generation	poultry	Rabi, 2016-17	Demonstration on poultry Rainbow Rooster"	10 nos. bird	Rainbow Rooster	Body wt./month (kg); Days at 1st egg production; No. of eggs produced/year; B:C ratio	Body wt./month (kg); Days at 1st egg production; No. of eggs produced/year; B:C ratio		2			8	10

Jajpur	Income generation	Mushroom	Rabi, 2016-17	Demonstration of Oyster Mushroom variety Hypsizygos ulmarius	100 nos. bed	Hypsizygos ulmarius	Yield, average fruit body size, Protein content % Net return, B.C Ratio	Yield, average fruit body size, Protein content % Net return, B.C Ratio		2			8	10
Japur	Storage loss Minimization technology	Paddy	Rabi, 2016-17	Demonstration on Grain pro Super bag for safe storage of rice	-	Grain pro Super bag	No. of insect/kg, Storage loss %, periodic observation	No. of insect/kg, Storage loss %, periodic observation					5	5
CLUSTER DEMNSTRATION ON OIL SEED & PULSE														
Jajpur	ICM	Blackgram	Kharif, 2016	Cluster Demonstration on Blackgram var. PU-30	30 ha	PU-31	No.of pods/plant, Yield, B:C	No.of pods/plant, Yield, B:C			-	-	61	61
Jajpur	ICM	Groundnut	Kharif, 2016	Cluster Demonstration on Groundnut var. Devi	30 ha	Devi	No.of pods/plant, Yield, B:C	No.of pods/plant, Yield, B:C			-	-	44	44
Jajpur	ICM	Greengram	Rabi, 2016-17	Cluster Demonstration on improved management practices of green gram variety TARM-1 ,seed inoculation of rhizobium@20gm/kg seed with RDF&need based pp measures.	50 ha	TARM-1	No.of pods/plant, Yield, B:C	No.of pods/plant, Yield, B:C			-	-	120	120

Jajpur	ICM	Groundnut	Rabi-2016-17	Cluster Demonstration on improved management practices of groundnut variety Devi ,seed inoculation of rhizobium@20gm/kg seed with RDF&need based pp measures	30ha	Devi	No.of pods/plant, Yield, B:C	No.of pods /plant, Yield, B:C			-	-	70	70
Jajpur	ICM	Mustard	Rabi-2016-17	Cluster Demonstration on mustard var. M-27.	30 ha	M-27	Yield q/ha, oil content %, B:C ratio	Yield q/ha, oil content%, B:C ratio			-	-	70	70

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

3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Jajpur	Paddy	Field days	1	20	
		Farmers Training	3	75	
		Media coverage	1	800	
		Training for extension functionaries	1	15	
Jajpur	Groundnut	Field days	1	20	
		Farmers Training	2	50	

		Media coverage	1	500	
		Training for extension functionaries	1	15	
Jajpur	Potato	Field days	1	20	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries	1	15	
Jajpur	Cauliflower	Field days	1	20	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jajpur	Onion	Field days	1	20	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jajpur	Marigold	Field days	1	20	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jajpur	Watermelon	Field days	1	20	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jajpur	Pointed gourd	Field days	1	20	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jajpur	capsicum	Field days	1	20	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jajpur	Self propelled rice transplanter	Field days	1	20	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jajpur	Combine harvester	Field days	1	30	
		Farmers Training	1	25	
		Media coverage	1	200	
		Training for extension functionaries			
Jajpur	Axial flow thresher	Field days	1	20	
		Farmers Training			
		Media coverage			
		Training for extension functionaries			

Jajpur	Poultry	Field days	1	20	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Jajpur	Mushroom	Field days			
		Farmers Training	1	20	
		Media coverage	1	25	
		Training for extension functionaries			
Jajpur	Duckery	Field days	1	20	
		Farmers Training	1	25	
		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.

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

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested

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 to be involved
Jajpur	F&FW	PRA, Group discussion, meeting with line dept. personnel	, 14.01.15, 15.01.16, 19.01.16, 21.01.16, 06.02.16, 16.02.16, 20.02.16 (adopted villages)	25
Jajpur	IS	PRA, Group discussion, dist. Level Meeting , Discussion with line departments .	29.02.2016, 26.02.2016, 25.02.2016 , 01.03.2016 DDA Office & AAO Office	15
Jajpur	Vocational	PRA, Group discussion, dist. Level Meeting , Discussion with line departments	19.01.16, 21.01.16,	10

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

Name of KVK	Category	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		
Jajpur	FW	OFC	SFM	INM in paddy	1	2	25	20	5	-	-	-	-	-	-
Jajpur	FW	OFC	SFM	INM in Tomato	1	2	25	20	5	-	-	-	-	-	-
Jajpur	FW	OFC	SFM	INM in potato	1	2	25	19	2	2				2	
Jajpur	FW	OFC	SFM	Micronutrient deficiency and its control measures in vegetables.	1	2	25	18	3	2	-	1	-	1	-
Jajpur	FW	OFC	SFM	Improved package and practices of mustard	1	2	25	21	3	-	-	1	-	-	-
Jajpur	FW	OFC	SFM	Green & Brown Manuring in paddy	1	2	25	20	2	2	-	-	-	1	-

Name of KVK	Category	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		
Jajpur	FW	OFC	SFM	Micronutrient deficiency & its control measures in groundnut.	1	2	25	21	1	1		2	-	-	-
Jajpur	FW	OFC	SFM	Technique of soil sample collection.	1	2	25	17	5	1		2	-	-	-
Jajpur	FW	OFC	SFM	Problematic soil & its management practices.	1	2	25	20	5	-	-	-	-	-	-
Jajpur	FW	OFC	SFM	Chemical weed control in paddy.	1	2	25	22	1	-	2	-	-	-	-
Jajpur	FW	OFC	SFM	Importance of soil health management in crop production	1	2	25	19	4	-	1	-	-	1	-
Jajpur	FW	OFC	ICM	Rice based farming system.	1	2	25	20	5	-	-	-	-	-	-
Jajpur	FW	ONC	HOV	Intercropping of cowpea in okra	1	2	25	20	1	-	-	-	-	4	
Jajpur	FW	ONC	HOV	Cultivation technique of T.C Banana	1	2	25	19	2	2	-	-	-	2	
Jajpur	FW	OFC	HOV	Production technique of capsicum	1	2	25	22	3	-	-	-	-	-	-
Jajpur	FW	OFC	HOV	Production technique of tomato	1	2	25	24	1	-	-	-	-	-	-
Jajpur	FW	OFC	HOV	Importance of hybrids in vegetable cultivation	1	2	25	20	2	-	-	-	-	2	1
Jajpur	FW	ONC	HOV	Advantage of organic manure in vegetable production	1	2	25	21	1	3	-	-	-	-	-
Jajpur	FW	OFC	HOO	Integrated nutrient management in marigold	1	2	25	20	2	2	-	-	-	-	1
Jajpur	FW	OFC	HOT	Production	1	2	25	19	2	2	-	-	-	1	1

Name of KVK	Category	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			
				technique of early potato											
Jajpur	FW	OFC	AEG	Utility of rotavator for field preparation	1	2	25	15	5	2	-	-	-	3	-
Jajpur	FW	OFC	AEG	Use of rice transplanter	1	2	25	15	5	2	-	-	-	3	-
Jajpur	FW	OFC	AEG	Utility of seed cum fertilizer drill	1	2	25	15	5	2	-	-	-	2	1
Jajpur	FW	OFC	AEG	Care safety measures during operation of implements	1	2	25	15	5	2	-	-	-	3	
Jajpur	FW	OFC	AEG	Implements use for groundnut threshing	1	2	25	15	5	2	-	-	-	3	
Jajpur	FW	OFC	AEG	Use of M.B plough for summer ploughing	1	2	25	15	5	2	-	-	-	3	
Jajpur	FW	OFC	AEG	Post harvest management of greengram	1	2	25	14	6	2	-	-	-	3	
Jajpur	FW	OFC	AEG	Implements used for groundnut harvesting	1	2	25	20	5	-	-	-	-	-	-
Jajpur	FW	OFC	LPM	Quail husbandary	1	2	25	8	2	2	1	2	0	9	1
Jajpur	FW	OFC	LPM	Different cooling system in livestock for summer	1	2	25	9	2	2	0	2	0	9	1
Jajpur	FW	OFC	LPM	Goat husbandary and economics	1	2	25	9	2	2	0	2	0	9	1
Jajpur	FW	OFC	LPM	Beneficial milk products and by-products	2	2	25	9	1	2	0	2	0	10	1
Jajpur	FW	OFC	LPM	Different techniques to alleviate female infertility in livestock	1	2	25	8	2	1	0	3	0	10	1

Name of KVK	Category	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			
Jajpur	FW	OFC	LPM	Fodder cultivation	1	2	25	10	1	1	0	3	0	9	1
Jajpur	FW	OFC	LPM	Integrated farming system and its benefits	1	2	25	8	2	0	0	2	0	10	1
Jajpur	FW	OFC	LPM	Gestation and parturition related diseases and its treatments in livestock	1	2	25	8	2	1	0	3	0	10	1
Jajpur	FW	OFC	WOE	Preparation of ready to use mixes	1	2	25		21	-	-	-	-	4	-
Jajpur	FW	OFC	WOE	Cultivation of paddy straw mushroom	1	2	25	-	22	-	-	-	-	-	3
Jajpur	FW	OFC	WOE	Safe storage of food grain by using grain pro-super bag	1	2	25		19		2	-	-		4
Jajpur	FW	OFC	WOE	Preparation of tomato concentrate & mix vegetable pickle	1	2	25	-	18		2	-	-	-	5
Jajpur	FW	OFC	WOE	Oyster mushroom cultivation	1	2	25		25	-	-	-	-	-	-
Jajpur	FW	OFC	WOE	Value addition of groundnut such as chiki, ladu and groundnut milk	1	2	25	15		2	-	1	-		7
Jajpur	FW	OFC	WOE	Weeding operations of vegetables by using small garden tools	1	2	25	-	19	-	-2	-	1	-	3
Jajpur	FW	OFC	WOE	Preparation of low cost baby foods from cereal & pulses	1	2	25	-	20	-	3	-	-	-	2
Jajpur	FW	OFC	WOE	Planning, layout and development of nutritional garden	1	2	25	-	24	-	-	-	-	-	1

Name of KVK	Category	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			
Jajpur	IS	ONC	SFM	Soil management for sustainable Agriculture	1	1	15	14	-	-	-	-	-	1	
jajpur	IS	ONC	SFM	Management of problematic soils	1	1	15	10	1	-	2	-	-	2	
Jajpur	IS	ONC	HOV	Hi-tech horticulture	1	2	15	10	2	-	-	-	1	-	2
Jajpur	IS	ONC	HOT	Orchard management practices	1	2	15	-	11	-	-	-	1	-	3
Jajpur	IS	ONC	AEG	Use of zero till drill for resource conservation	1	2	15	-	13	-	-	-	-	-	2
Jajpur	IS	ONC	AEG	Use and importance of drip irrigation system	1	2	15	-	11	2	-	-	-	1	1
Jajpur	IS	ONC	LPM	Reproductive disorders and recent advance treatment procedure	1	1	15	12	2	-	1	-	-		
Jajpur	IS	ONC	WOE	Entrepreneurship development among farm women	1	2	15		10	-	-	-	-		5
Jajpur	IS	ONC	WOE	Use of women friendly implements for reducing drudgery of farm women	1	2	15		12	-	-	-	-		3

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
Jajpur	Quality vermicompost production technique	enterprise	Income generation	5	2	-	-	-	8	-
Jajpur	Soil sample production technique	Crop	Soil fertility management	5	1	2	-	-	7	-

Jajpur	Importance of organic manure in vegetable production	Crop	Soil fertility management	5	-	-	-	-	10	-
Jajpur	Soil sample production technique	Crop	Soil fertility management	5					10	-
Jajpur	Production technique of commercial flower	crop	Cultivation technology	5	1	2	-	-	7	-
Jajpur	Planting material production techniques	crop	Planting material production	5	-	-	-	-	8	2
Jajpur	Planting material production techniques	crop	Planting material production	5	1	-	-	-	7	2
Jajpur	Off season vegetable production technique	crop	Vegetable production	5	-	-	-	-	7	3
Jajpur	High value vegetable production technique	crop	Vegetable production	5	2	-	-	-	7	1
Jajpur	Skill in mat type nursery raising	Enterprise	Farm mechanization	5	1	-	1	-	8	-
Jajpur	Skill in operation of self propelled rice transplanter	Enterprise	Farm mechanization	5	-	-	-	-	10	-
Jajpur	Operating skill of tractor	Enterprise	Farm mechanization	5	4	-	-	-	6	-
Jajpur	Operating skill of tractor	Enterprise	Farm mechanization	5	4	-	-	-	6	-
Jajpur	Calibration and operation of seed cum fertilizer drill	Enterprise	Farm mechanization	5	1	-	2	-	6	1
Jajpur	Calibration and operation of zero till drill	Enterprise	Farm mechanization	5	1	-	2	-	5	2
Jajpur	Operating skill of tractor drawn axial flow thresher	Enterprise	Farm mechanization	5	1	-	1	-	7	1
Jajpur	Ornamental fish rearing	Enterprise	Fish production management	5	2	-	-	-	8	-
Jajpur	Value addition in fish	Enterprise	Income generation	5	2	-	-	-	8	-
Jajpur	Azolla Cultivation in Sialopolythene tarpolene pond	Enterprise	Livestock production management	5	-	-	-	-	8	2
Jajpur	Spawn production technique	Enterprise	Income generation	5		3	-	-		7
Jajpur	Preparation of instant Ice-cream for enterprenreship	Enterprise	Income generation	5	1	-	-	-	8	1
Jajpur	Value addition in mushroom	Enterprise	Mushroom cultivation	5		1	-	-	-	9

Jajpur	Value addition in jute	Enterprise	Value addition	5		1		2		7
Jajpur	Value addition in milk	Enterprise	Income generation	5		1		2		7

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 elsewhere
		Type of units	Number of units	Number of persons employed	
Jajpur	Backyard poultry rearing				
Jajpur	Mushroom cultivation				

Table 5.5. 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.)
							Others		SC		ST			
							M	F	M	F	M	F		
Jajpur	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

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	

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Jajpur	Field Day	20	400	100								
Jajpur	Kisan Mela	2	400	100	100	50	50	15				
Jajpur	Kisan Ghosthi	15	300	60								
Jajpur	Exhibition	5	400	100								
Jajpur	Film Show	100	1800	450								
Jajpur	Method Demonstrations	25	200	175								
Jajpur	Farmers Seminar	5	60	40								
Jajpur	Workshop	3	60	15								
Jajpur	Group meetings	20	290	35								
Jajpur	Lectures delivered as resource persons	13	2000									
Jajpur	Newspaper coverage	20										
Jajpur	Radio talks	10										
Jajpur	TV talks	50										
Jajpur	Popular Articles	15	500									
Jajpur	Extension Literature	14	500									
Jajpur	Farm Advisory Services	300	400									
Jajpur	Scientific visit to farmers field	460	360									
Jajpur	Farmers Visit to KVK	1000	1000									
Jajpur	Diagnostic Visits	55	2850									
Jajpur	Exposure Visits	2	100									
Jajpur	Ex-trainees Sammelan	2	75									
Jajpur	Soil Health Camp	2	150									
Jajpur	Animal Health Camp	2	200									
Jajpur	Agri Mobile Clinic	07	450									
Jajpur	Soil Test Campaigns	3	150									
Jajpur	Farm Science Club conveners meet	5	125									
Jajpur	Self Help Group conveners meetings	3	150									
		2158	12920									

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
	Cereals	Paddy	Pratikshya	FS	160 qtl.	Qtl.	3,66,4000/-	OSSC
		Paddy	Mandakini	FS	80 qtl.	Qtl.	1,83,200/-	OSSC
	Pulses	Greengram	TARM-1	CS	14 qtl.	Qtl.	70,000/-	OSSC

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	
Jajpur	Vegetable	Brinjal	1 st week of Aug	1 st week of Sept		H-132	seedling	5000	1000	2500	1500
Jajpur	Vegetable	Onion	Last week of Sept.	1 st week of Nov		N-53, Agri found light red	Seedling	50000	4000	10000	6000
Jajpur	Vegetable	Capsicum	1 st week of Sept	2 nd week of Nov		California wonder	Seedling	15000	3000	7500	4500
Jajpur	Vegetable	Tomato	1 st week of Oct	1 st week of Nov		Swarna Vijaya	Seedling	15000	4000	7500	3500
Jajpur	Vegetable	Cauliflower	1 st week of Oct	1 st week of Nov		White contesa	Seedling	2000	500	1000	500
Jajpur	Vegetable	Chilli	1 st week of Oct	1 st week of Nov		Utkal Rasmi	Seedling	2000	200	1000	800
Jajpur	Vegetable	papaya	1 st week of Oct	1 st week of Nov		CO2	Seedling	1000	2000	4500	2500

Jajpur	Flower	Marigold	1 st week of Oct	1 st week of Nov		Serakole		10000	4000	7500	3500
						Total		100000	18700	41500	22800

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	
Jajpur	BIOFERTILIZERS (Vermi compost)	50qtl	4000	14000	

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(Rs.)	Gross income(Rs.)	
Jajpur	Poultry	Colored bird	Meat purpose bird	5000bird	1,40,000	200000	
Jajpur	Fisheries	IMC and Exotic carps	Table size	5qtl	20000	50000	
Jajpur	Others (Specify)	Mushroom	Paddy straw Mushroom(V.volvacea)	1qtl	5000/-	10,000/-	
Jajpur			Oyster Mushroom (P. Sajarcaju)	3 qtl	5000/-	15,000/-	
Jajpur		Mushroom spawn		2000bottle	20000	24000	

8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : YES/NO, If yes, then

Year of establishment : - June 2013

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
Jajpur	Soil Sample	1000	1500	10		
Jajpur	Water Sample	-	-			

9. Rainwater Harvesting, if available.

Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit

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

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
Jajpur		Farmers	Ext. Pers.	
Jajpur	48	23000		

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Jajpur	20.07.2016	30	
Jajpur	7.12.2016	30	

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

12.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Jajpur	Aprl -16-June16	Qtr	500	
Jajpur	July-16-sept16	Qtr	500	
Jajpur	Oct-16-Dec16	Qtr	500	
Jajpur	Jan-17-Mar17	Qtr	500	

12.2 Details of Electronic Media to be Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Jajpur	DVD	Pre-kharif Farmers Fair	1
Jajpur	DVD	Pre- Rabi Farmers fair	1
Jajpur	DVD	PPV & FRA training	1

12.3 PUBLICATIONS

Category	Number	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Research Paper		Type	Title	Author's name	Number of copies
Technical bulletins	4				
Technical reports	15				
Popular article	6				
News paper coverage	10				
Year Planner	1				
Others (pl. specify)					

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
	ATMA	State				
	MNREGA	State				
	NHM	State				
	RKVY	State				
	DRDA	State				
	Zila Panchyat	State				
	Seed Village	State				
	Others (Plz. Specify)					

14. Utilization of Farmers Hostel.

Accommodation available (No. of beds): 25

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days)	Reason for short fall (if any)
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						stayed)	
Jajpur							

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
Jajpur	2010	2012 (Only PC quarter is available)	1	-	-

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.)

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
	Crop Cafeteria	Area – 320 m2
	Technology Desk	
	Visitors Gallery	
	Technology Exhibition	
	Technology Gate-Valve	

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Vegetable cultivation	1

17. Farm Innovators- list of 10 Farm Innovators from the District- NA

Sr. No.	Name of kvk	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1				

2				
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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

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Jajpur	7	3	100	30

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.

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.
1	Kendrapara		
2	CRRI, Cuttack		

22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks

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23. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	JAJPUR	10.05.2011	8	130

24. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals

25. E-CONNECTIVITY (ERNET Lab)-

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			

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Jajpur	Gosthies	3	150	
Jajpur	Lectures organized	4	100	
Jajpur	Exhibition	5	100	
Jajpur	Film show	25	400	
Jajpur	Fair	2	200	
Jajpur	Farm Visit	400	-	
Jajpur	Diagnostic Practical's	15	400	
Jajpur	Distribution of Literature (No.)	700	300	
Jajpur	Distribution of Seed (q)	-	-	
Jajpur	Distribution of Planting materials (No.)	-	-	

Jajpur	Bio Product distribution (Kg)	-	-	
Jajpur	Bio Fertilizers (q)	-	-	
Jajpur	Distribution of fingerlings (No)	-	-	
Jajpur	Distribution of Livestock specimen (No.)	-	-	
Jajpur	Total number of farmers visited the technology week	-	500	

27. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries

Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
		Oilseeds		
		Pulses		
		Cereals		
		Vegetable crops		
		Tuber crops		
		Fruits		
		Spices		
		Cotton		
		Total		

Farmers-scientists interaction on livestock management

Sl. No.	Name of KVK	Livestock components	Number of interactions	No.of participants
		Dairy Management		
		Disease management		
		Feed and fodder technology		

		Poultry management		
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Animal health camps to be 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 to be distributed

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

Bio-control Agents

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

Bio-Fertilizer

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

Vermis Produced

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

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and 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
Jajpur	4	200					2	1000	4	2000		

28. 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

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)

30. Status of Revolving Funds (Rs.)

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

31. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received

32. Case study / Success Story to be developed –

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

Two best only in the following format: Name of the KVK, **TITLE**, **Introduction**, KVK intervention, Output, Outcome, Impact

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)

