

ANNUAL PROGRESS REPORT

April 2013 to March 2014

Contents

Sl. No.	Particular	Page No
	Instructions for Filling the Format	03
	Summary of KVK Annual Report (Quantifiable Achievement) for the year 2013-14	04-5
1	General Information	06-10
2	On Farm Testing	11-18
3	Achievements of Frontline Demonstrations	18-34
4	Documentation of the need assessment conducted by the KVK for the training programme	33
5	Training programmes	35-49
6	Extension Activities	50-52
7	Literature Developed/Published (with full title, author & reference)	52-53
8	Production and supply of Technological products	53-54
9	Activities of Soil and Water Testing Laboratory	55
10	Rainwater Harvesting	56
11	Utilization of Farmer Hostel facilities	56
12	Utilization of Staff Quarter facilities	56
13	Details of SAC Meeting	56
14	Status of Kisan Mobile Advisory	56
15	Status of Convergence with agricultural schemes	56
16.	Status of Revolving Funds	57
17.	Awards & Recognition	57
18.	Details of KVK Agro-technological Park	57
19.	Farm Innovators	58
20.	KVK interaction with progressive farmers	58
21.	Outreach of KVK	58
22.	Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize	58
23.	KVK Ring	59
24.	Important visitors to KVK	59-60
25.	Status of KVK Website	60
26.	Status of E-connectivity	60
27.	Status of RTI	60
28.	Status of Citizen Charter	60
29.	Attended HRD activities organized by ZPD	60
30.	Attended HRD activities organized by DES	61
31.	Attended HRD activities by KVK Staff	61
32	Agri Alert report	62
33.	Details of Technological Week Celebration	62
34.	Interventions on Drought Mitigation	63-64
35.	Proposal of NICRA	64-66
36.	Proposed works under NAIP	66
37.	Case study / Success Story to be developed	67-69

Instructions for Filling the Format

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

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

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	15	176	
	On Going OFT			
	Technologies assessed (Completed OFT)	15	176	
	Technologies refined			
	On farm trials conducted	15	176	
2	Frontline demonstrations			
	Proposed Frontline demonstrations			
	On Going Frontline demonstrations			
	FLDs conducted on crops	19	185	
	Area under crops (ha.)	33		
	FLD on farm implement and tools	Nil		
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	04	40	
	FLD on Fisheries - Finger lings	02	15	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	03	30	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	01	10	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	47	55	1175
	Farm women	08	08	200
	Rural youth	18	25	270
	Extension personnel/ In service	11	16	110
	Vocational trainings	04	08	72
	Sponsored Training	NIL		
	Total	88	112	1827
		No. of programmes	Participants	
4	Extension Programmes	536	6879	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	196.95	Supplied OSSC Ltd.	
	Planting material produced (nos.)	42680	242	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	300	30	
	Milk Yield - Cow, Buffelo etc. (in liter)			
	Fish (Kg.)			
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			
	Ducks (nos.)	100		
	Chicks etc. (nos.)	100		

7	Bio Products	Qty	Beneficiaries (nos.)
	Bio Agents -Earth worm (Kg.)	NIL	
	Trichoderma (kg.)	NIL	
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	NIL	
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	NIL	
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)	Applied for Best KVK award	
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	01	
	KVK News letter	04	2000
	SAC Meetings conducted	01	30
	Soil sample tested	409	409
	Water sample tested	53	53
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	NIL	
	KVK-KMA (Message and beneficiaries)	105	650
	Convergence programmes	04	20
	Sponsored programmes	NIL	
	KVK Progressive Farmers interaction	03	75
	No. of Technology Week Celebrations	12	405
	Attended HRD activities organized by ZPD	02	02
	Attended HRD activities organized by DES	06	06
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	NIL	NIL
9	Current status of Revolving Funds (Amt. in Rs.)		25,400
10		No. of blocks	No. of villages
	Outreach of KVK in the District	11	189
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)	01	10 05
12		Working (Yes/No)	No. of Update
	Status of KVK Website	Yes	04
13		Application received	Application disposed
	Status of RTI (nos.)	NIL	
14		Query received	Query dissolved
	Citizen Charter (nos.)	16	16
15		Working (Yes/No)	No. of programme viewed
	E-connectivity	NO	
16		Filled	Vacant
	Staff Position	13	03
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	NIL	
18	Publication received from ICAR /other organization (nos.)	35	
19		Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	01 (Phailin)	ZPD, DES

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2014

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Ganjam-I	16	01	01	06	04	03	03	06	05	16	13

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specilization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
Ganjam-I	Programme Coordinator	Dr. Sutanu Kumar Satapathy	Horticulture	Ph.D	Fruit & Orchard Management	15600-39100 +AGP 8000	16310	29.08.2012	Per.	General
Ganjam-I	Subject Matter Specialist1	Dr.(Smt) Gitanjali Subudhi	Home Science	Ph.D	Education	15600-39100+ AGP 6000	21390	25.02.2005	Per.	General
Ganjam-I	Subject Matter Specialist2	Sri Prasant Kumar Panda	Plant Protection	M.Sc.Ag.	Entomology	15600-39100+ AGP 6000	20590	05.01.2007	Per.	General
Ganjam-I	Subject Matter Specialist4	Sri Santosh Kumar Samantaray	Agriculture Extension	M.Sc. Ag	Agriculture Extension	15600-39100+ AGP 6000	17610	08.04.2010	Per.	General
Ganjam-I	Subject Matter Specialist3	Dr.(Smt) Smrutirekha Mallick	Animal Science	M.V.Sc.	Animal physiology	15600-39100+ AGP 6000	16250	21.05.2012	Per.	General
Ganjam-I	Subject Matter Specialist5	Vacant								
Ganjam-I	Subject Matter Specialist6	Vacant								
Ganjam-I	Programme Assistant	Smt Subhasree Sahoo	Home Science	B.Sc	Home Science	9300-34800+GP 4200	12430	9.10.2006	Per.	General
Ganjam-I	Farm Manager	Sri Manas Ranjan Behera	Fishery Science	M.F.Sc	Fishery Science	9300-34800+GP 4200	12930	22.03.2006	Per.	General
Ganjam-I	Computer Programmer	Sri Sitikantha Mishra	Computer Science	Honours Diploma in Computer Science	Information Technology	9300-34800+GP 4200	12930	18.01.2006	Per.	General

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
Ganjam-I	Accountant / superintendent	Sri Paramananda Behera		B.A		9300-34800+GP 4600	16670	01.01.2005	Per.	SC
Ganjam-I	Stenographer	Vacant								
Ganjam-I	Driver	Sri Saroj Kumar Biswal		B.A		5200-20200+GP1900	6600	25.7.2007	Per.	OBC
Ganjam-I	Driver	Sri Gobinda Gouda		10 th		5200-20200+GP1900	6110	28.07.2008	Per.	OBC
Ganjam-I	Supporting staff	Sri Krushna Chandra Pradhan		10 th		4440-7440+GP 1300	5180	28.07.2008	Per.	General
Ganjam-I	Supporting staff	Sri Prafulla Kumar Swain		10 th		4440-7440+GP 1300	5180	20.09.2008	Per.	General

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

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Ganjam-I	1.East and South East Coastal Plain zone 2. North Eastern Ghat Zone	22		35,20,000	71.88%	SC – 561825 ST - 91912	317182	1.28ha

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Ganjam-I	Burujhola	2009	Buguda	40km	472	172
Ganjam-I	Halandkhola	2009	Bhanjanagar	25km	572	240
Ganjam-I	Gochha	2009	Sorada	60km	413	200
Ganjam-I	Dalak	2009	Belaguntha	23km	256	130
Ganjam-I	Chopara	2009	Jagannathaprasad	25km	1225	315

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

KVK Name	THRUST AREA
Ganjam-I	Varietal replacement of Swarna with Pratikshya, var. diversification Karpurakranti (improved scented), organic rice cultivation for higher market price & to avoid distress sale. Increasing productivity by varietals replacement & method of sowing/planting and correction of micronutrient deficiency with green manuring.
Ganjam-I	Yield maximization through pit method of planting , growing red rot resistant var. like COA 89084, Uttara, Saraju, etc. and release of egg parasite Trichogramma for control of ESB, Gur making.
Ganjam-I	Phosphorus management of Rice-Pulse system, control of wild lathyrus, growing cold tolerant var. in Rice-Pulse system like TARM-1, PU-30,OBGG-52,Prasad, etc.
Ganjam-I	Increase yield & oil content by adopting of var. like Smruti, TMV-2, Devi, TAG-24 in groundnut, introduction of export quality white seeded sesamum var. GT-2 and improved var. Amrit, growing hyb. sunflower in rice-oilseed cropping system.
Ganjam-I	Growing fodder crop cereals+legumes, Rabi season fodder crops like oat, berseam, lusern, etc. for round the year fodder availability.
Ganjam-I	Hyb. Va. Resistant of pest & disease & suitable for harvesting for longer period, correction of boron deficiency, application of vermicompost, bio intensive Integrated Pest Management schedule for pest control
Ganjam-I	Bio intensive integrated wilt management, bio intensive Integrated Pest Management for fruit & shoot borer in brinjal
Ganjam-1	Integrated Pest Management for Paddy stem borer , cabbage diamond back moth , red mite in Okra & Fruit borer in Tomato
Ganjam-1	Integrated Disease Management for Bacterial leaf blight in Paddy , Anthracnose in Mango,Phomopsis blight in Brinjal
Ganjam-1	Integrated weed management in Paddy, Groundnut, Green gram.
Ganjam-I	Introduction of EFY var. Gajendra, replacement of yam var. with Hati khojia, increase area under sweet potato var. Gouri to meet the vitamin A deficiency of poor people
Ganjam-I	Growing suitable var. for processing & regular bearing, control of mango hopper
Ganjam-I	Growing semi-dwarf var., control of Eridophyte mite in a massive way. Control of fruit drop, vermicomposting of coir peeth, use of coconut shell material for gun material
Ganjam-I	Growing var. with high % of female plants like Co-7, Koorg honey dew, extraction of papain
Ganjam-I	Introduction of tissue culture banana. Control of panama wilt, fiber extraction from the leaves & pseudo stem.
Ganjam-I	Growing good var. like Allahbad safeda, Lucknow-59, debloosming during rainy season, control of wilt disease
Ganjam-I	Growing short duration hyb. to avoid flowering & fruiting during hot months, control of Tea mosquito.
Ganjam-I	Integrated fish farming system, duckery in fish pond, value addition of marine fish, pond plankton management, mixed farming of fish and prawn
Ganjam-I	Late heat management of heifer, up gradation of desi cow through A.I, vaccination with health camp, Azolla as fodder

Ganjam-I	Popularization of Quail farming, poultry vaccination to prevent diseases
Ganjam-I	Availability of low farm implements like manual rotary transplanter, double row rotary weeder, pit maker for sugarcane, development of power operated multipurpose intercultural equipment
Ganjam-I	Cultivation of medicinal plants like Bramhi, Bachcha, Sarpagandha, etc.
Ganjam-I	Growing long staple hyb. like Bunny, Sabitha, practice of low cost bio intensive Integrated Pest Management schedule
Ganjam-I	Development of pond based farming systems, value addition & post harvest operation, mixed fish farming, F.W prawn culture, air breathing & ornamental fishery
Ganjam-I	Cultivation of mushroom (Paddy straw & Oyster) for additional income generation and nutritional security

1.4. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Ganjam-I	Paddy : low yield, distress sale, deterioration of soil productivity, Oaddy stem borer,Bacterial leaf blight,weed, water scarcity	PRA, Group discussion, exploratory survey	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska
Ganjam-I	Ragi : Low yield from existing variety	PRA	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska, soroda, Digapahandi
Ganjam-I	Groundnut :low yield, hairy caterpillar & Tikka disease incidence	Response analysis, PRA, diagnostic field visit	Bhanjanagar, Buguda, Jagannath Prasad, Aska, soroda
Ganjam-I	Maize : low yield due to stalk borer infestation	PRA , Group discussion	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska
Ganjam-1	Cabbage -Low yield due to Diamond back moth infestation		
Ganjam-1	Mango -Anthracnose & fruit dropping		
Ganjam-I	Green gram : Low yield to traditional var. & YMV problem	Response analysis, PRA, diagnostic field visit	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska, soroda
Ganjam-I	Papaya : Low yield from local tall variety	PRA , Group discussion	Bhanjanagar, Buguda, Jagannath

			Prasad, Belaguntha, Aska, soroda
Ganjam-I	Elephant Foot Yam : non-use of waste land & growing of traditional var. having acidity.	PRA, Response analysis, Group discussion	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska, soroda
Ganjam-I	Brinjal, Cow pea, Ginger, Tomato, Drumstick, Cauliflower : Low yield, Lack of HYV, Pest management for fruit borer, Mosaic disease, Spodoptera	Focus & Group discussion, Response analysis	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska, soroda
Ganjam-I	Brinjal : Fruit and shoot borer, wilting, Phomopsis blight	Response analysis, PRA, diagnostic field visit	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska, soroda
Ganjam-I	Potato : Low yield and cracking, fertilizer management, micronutrient management	Group discussion, Response analysis	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska, soroda
Ganjam-I	Low income of farm women : unaware about agricultural allied activities, lack of awareness for utilization of surplus commodities	Focus & Group discussion, Response analysis	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska, soroda
Ganjam-I	Cattle : No of estrus per conception is high, Low milk yield due to poor genetic potential and non-availability of feed & fodder during lean period.	Response analysis, PRA, diagnostic field visit	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska, soroda
Ganjam-I	Goat : High morbidity and poor growth rate due to worm infestation & mortality due to diseases like pox, enterotoxemia and PPR	PRA, Group discussion, exploratory survey	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska, soroda
Ganjam-I	Backyard poultry : Low income due to improper management practices	PRA	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska, soroda
Ganjam-I	Soil health : less use of organic matter, imbalance use of chemical fertilizer	Response analysis, PRA, diagnostic field visit	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska, soroda
Ganjam-I	Fishery : Seasonal pond, lack scientific pond management practice, disease and parasite infestation, low income	PRA, Group discussion, diagnostic field visit	Bhanjanagar, Buguda, Jagannath Prasad, Belaguntha, Aska, Soroda

2. On Farm Testing

Note-

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

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

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

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

2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	No. of trials	Results (q/ha)		Net Returns (Rs./ha)		Recommendations
										FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	
Ganjam-I	2013-14	Rabi	Damage d fruits and low yield	Assessment of Integrated Pest Management practices for management of Tomato fruit borer(H. armigera)	Assessment	Integrated Pest Management	Tomato	Irrigated	13	176	213	35600	46600	Application of pheromone traps@ 3 /acre, Prophylactic spray of neem oil @ 5 ml/lt, followed by indexocarb 0.5ml/lt.
Ganjam-I	2013-14	Rabi	Deformed leaves, fruits and low yield	Assessment of Prpparizite(57 % EC) against Red mite in Okra	Assessment	Integrated Pest Management	Okra	Irrigated	13	118	134	56600	64500	Application of Prpparizite(57 % EC) @ 2 ml/lt against Red mite in Okra
Ganjam-I	2013	Khari f	Drying of leaves and stunted growth	Assessment of Thiophenate methyl against Anthracnose in Mango	Assessment	Integrated Disease Management	Mango	Rainfed	13					CONT.
Ganjam-I	2013	Khari f	stunted growth	Assessment of Post emergence	Assessment	Integrated Weed	Paddy	Rainfed	13	10.6	12.4	-5200*	-3900*	Application of Post emergence

			and low yield due to heavy weed infestation	weedicide-Bispyrabac Sodium in Transplanted Paddy(Medium Land)		Managem ent								weedicide-Bispyrabac Sodium @ 60 ml/Ac. At 12 DAT in Transplanted Paddy(Medium Land)
Ganja m-I	2013	Khari f	Mortality & Poor growth rate of calves due to calf diarrhoea	Assessment of Pro-biotic supplementati on- bio-bloom	Assessment	Nutrition Managem ent	Calves	-	13	Body Wt. gain – 1.2kg/month	Body Wt. gain – 1.52kg/month	1200/calf	3700/calf	Less than 5% mortality and better calf growth in calf supplied with pro-biotic in first of life
Ganja m-I	2013	Khari f	Poor body condition and low growth rate due to ecto-parasite infestation	Assessment of flumethrinan d deltamethrin for ecto-parasite control in Goat	Assessment	Diseases managem ent	Goat		13	Body Wt. gain – 720gm/month	Body Wt. gain – 880gm/month	1500/animal	2360/animal	Deltamethrin is better for ecto-parasite control than flumethrinan d in goat.
Ganja m-I	2013-14	Rabi	High cost of poultry feed	Assessment of <i>Azolla</i> feeding in poultry	Assessment	Nutrition Managem ent	Poultry	-	13	Body Wt. gain – 370gm/month	Body Wt. gain – 400gm/month	120/bird	180/bird	Cost of production reduced upto 15% by supplementing in poultry feed
Ganja m-I	2013-14	Rabi	Less availability of poultry meat	Assessment of Quail farming	Assessment	Evaluation of breeds	Quail	-	13	Body Wt. gain – 70gm/month	Body Wt. gain – 100gm/month	18/bird	25/bird	Attend 200gm body wt. in 6 weeks
Ganja m-I	2013-14	Rabi	Low yield due to heavy fruit dropping	Assessment of NAA against fruit drop in	Assessment	INM	Mango	Irrigated	13					CONT.

				Mango										
Ganja m-I	2013-14	Rabi	Low yield due to use of Local variety	Assessment of high yielding Brinjal Variety Var. <i>Pusa Samrat</i>	Assessment	Varietal Evaluation	Brinjal	Irrigated	13	194	237	68200	88500	high yielding Brinjal Variety Var. <i>Pusa Samrat</i> is suitable under Ganjam agroclimatic condition.
Ganja m-I	2013	Khari f	High FCR	Assessment of FCR of floating feed in composite pisciculture	Assessment	Feeding management	Fishery	Pond based	13	29.55	38.30	1,74,888	2,45,231	Application of floating feed @ 2% Of body wt
Ganja m-I	2013	Khari f	Pond water becomes unsuitable for domestic use	Assessment of efficacy of liquid organic manure (Humic acid) for plankton production	Assessment	Production and management	Fishery	Pond based	13	27.34	36.65	1,59,484	2,29,235	Application of Earth @ 1 lt/ha. Metre at every 3 months interval.

2.2 Economic Performance

KV K nam e	OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
Ganja m-I	Assessment of Integrated Pest Management practices	Affected fruit %	11.4	3.6	34800	38600		70400	85200		35600	46600		1.98	2.21	

	for management of Tomato fruit borer(H. armigera)															
Ganjam-I	Assessment of Prpparizite (57% EC) against Red mite in Okra	No. of mites/ leaf	3.8	0.7	37800	40700		94400	107200		56600	64500		2.50	2.64	
Ganjam-I	Assessment of Thiophenate methyl against Anthracnose in Mango	Diseased leave %,	11.4	3.1	CON T.											
Ganjam-I	Assessment of Post emergence weedicide-Bispyrabac Sodium in Transplanted Paddy(Medium Land)	No. of weeds/m2 Efficacy of weedicide,	34	4(84%)	15600	16500		10400	12600		-5200*	-3900*		0.67	0.81	
Ganjam-I	Assessment of Pro-biotic supplementation-bio-bloom in calf	Incidence of calf Body wt. Gain - - kg/month, mortality in %	1.220	1.52, 6	8000	1800		2000	5500		1200	3700		2.5	3.05	
Gan	Assessm	Growth rate -	720	880	1240	1300		2740	3660		1500	2360		2.2	2.8	

jam-I	ent of flumethrin and deltamethrin for ecto-parasite control in Goat	Body wt. gm/month												0	1	
Ganjam-I	Assessment of <i>Azolla</i> feeding in poultry	Body wt. gain – gm/month	370	400	120	108		240	288		120	180		2.0	2.6	
Ganjam-I	Assessment of Quail farmin Ruiuifgi ni	Weight at 6 weeks age, (Kg ; Eggs laid, No)	70	100	12	15		30	40		18	25		2.5	2.6 6	
Ganjam-I	Assessment of NAA against fruit drop in Mango	Fruit dropping percentage, Yield	Contd..													
Ganjam-I	Assessment of high yielding Brinjal Variety Var. <i>Pusa</i>	Avg. fruit wt. (gram)	275	410	4820 0	53700		116400	14220 0		68200	88500		2.4 1	2.6 5	

	Samrat															
Ganjam-I	Assessment of FCR of floating feed in composite pisciculture	Feed Conversion Ratio	2.0	1.2	1,20,612	1,37,769		2,95,500	3,83,000		1,74,888	2,45,231		2.45	2.78	
Ganjam-I	Assessment of efficacy of liquid organic manure (Humic acid) for plankton production	Plankton concentration (ml.)	1.1	2.0	1,13,916	1,37,265		2,73,400	3,66,500		1,59,484	2,29,235		2.40	2.67	

- Low yield & return due to cyclone affect.

2.3 Information about Home Science OFT:

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
Ganjam-I	2013-14	Rabi	Low income from backyard	Assessment of marigold cultivation in backyard	Assessment	Small Scale income generating	Proper management of fertilizer and water	Ceracol	Backyard	5	Seed treatment with carbandazim @ 2gm/lit with spacing 45 X 30 cm

						enterprises					
Ganjam-I	2013-14		Low production in V.V variety	Assessment of paddy straw mushroom <i>V.diplacea</i>	Assessment	Mushroom production	Repeated sprinkling of water inside mushroom shed	Volavarila diplacie	Backyard	5	During high climatic temperature variety is highly appreciated
Ganjam-I	2013-14		Low efficiency and high drudgery in plucking okra	Assessment of Bhendi plucker	Assessment		Plucking okra by Bhendi plucker	Cutting okra by ring cutter (Phalcon)		10	It is comfortable and increases efficiency

2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Ganjam-I	Assessment of marigold cultivation in backyard	Contd.																					
Ganjam-I	Assessment of paddy straw mushroom <i>V.diplacea</i>											0.8kg/bed	1.45kg/bed	55/b ed	55/b ed	80/b ed	145/b ed	0.8kg/bed	1.45kg/bed	25	90	1.45	2.63
Ganjam-I	Assessment of Bhendi plucker	8kg/hr	10kg/hr		12.75	130	108		20	10	25												

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Ganjam-I	New weedicide Bispyribac sodium is very against medium land weeds in Paddy but costlier.
Ganjam-I	Insecticide having acaricide action against red mite in Okra may be tested for reducing pesticide cost.
Ganjam-I	Suitable bio agent against Helico verpa armigera in Tomato may be tested
Ganjam-I	Suitable bioagent may be tested against shoot & fruit borer in Brinjal
Ganjam-I	Suitable drumstick var. may be tested as PKM-1 is not performing well
Ganjam-I	Mosaic resistant var. of Green gram should be developed
Ganjam-I	More research is required on specific mineral requirement of grower quail

3. Achievements of Frontline Demonstrations

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

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

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Ganjam-1	Cabbage	Integrated Pest Management	Use of Neem oil & spinosad for diamond back moth	Demonstration, field day, Training	34	276	104
Ganjam-1	Paddy	Integrated Weed Management	Application of Pretilachlor @ 1500ml/ha at 3 dat	Demonstration, field day, Training	64	453	271
Ganjam-I	Paddy	Varietal Evaluation	High yielding & pest ,disease resistant var. Pratikshya	Farmers' field school, demonstration, field day	675	2356	1235
Ganjam-I	Paddy	Integrated Farming System	SRI method of rice cultivation	Farmers' field school, demonstration, field day	127	675	397
Ganjam-1	Poultry	Vanaraja	Backyard rearing of vanaraja	Demonstration, field day	176	823	24890 nos
Ganjam-1	Tomato	Varietal evaluation	Wilt resistant var. BT-10	Demonstration, field day	213	2435	674
Ganjam-I	EFY	Varietal Evaluation	Use of non-acrid EFY var. Gajendra	Demonstration, training	22	232	16
Ganjam-I	Hybrid Papaya	Varietal Evaluation	Use of dwarf hybrid var.Red lady	Demonstration, training	24	114	19
Ganjam-I	Groundnut	Varietal Evaluation	Suitable high yielding var. TMV-2	Seed production, demonstration, field day	56	712	342
Ganjam-	Arhar	Varietal	High yielding short duration	Demonstration, field day	34	279	174

I		Evaluation	variety Asha Seed treatment with Rhizobium culture and Spraying Traizophos against pod borer				
Ganjam-I	Cauliflower	Drudgery reduction	Use of hand ridger	Demonstration, training	34	87	45
Ganjam-I	Groundnut	Drudgery reduction	use of groundnut decorticator for drudgery reduction	Demonstration, training	25	67	342 nos
Ganjam-I	Paddy	Integrated Crop Management	Green manuring in paddy	Demonstration, training	32	198	87
Ganjam-I	Greengram	Varietal Evaluation	Better variety TARM-1 tolerant to cold, Seed treatment with Rhizobium culture, PSB and Lime soil application and Spraying Imidachloropid against aphid	Demonstration, training	28	345	142

Note-

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

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

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3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Enterprizes	Crop-Area (ha) / Enterp - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		S C	S T	Others	General	Total
Ganjam-I	2013	Khari f	Integrated Disease Manageme nt	Seed treatment with Carboxyn + Thiram @ 2gm/kg and spraying of Thiophenate methyl @ 1ml/lit	Brinjal	Blue Star	2.0	184	213	15	2	-	3	5	10

Ganja m-I	2013-14	Rabi	Integrated Pest Management	Pheromone trap @15/ha, prophylactic spray of Neem oil @ 3ml/lt and Spinosad @ 60ml/acre	Cabbage	<i>Golden acre</i>	2.0	196	234	19	3	1	2	4	10
Ganja m-I	2013	Khari f	Integrated Disease Management	Application of Copper oxy chloride 1500 gram+ Plantomycin @ 500 gram/Ha.	Paddy	<i>MTU-1001</i>	2.0	14.8*	18.4*	19	2	-	3	5	10
Ganja m-I	2013	Khari f	Integrated Pest Management	Pheromone trap @15/ha, Trichocard @ 15/ha and Cartaf hydrochloride 1kg/10cent and spraying of Neem oil @ 3ml/lt	Paddy	<i>Pratikshya</i>	2.0	12.6*	14.2*	13	3	2	2	3	10
Ganja m-I	2013	Khari f	Integrated Crop Management	SRI method of planting of 12 days old seedling at a spacing of 25 x 25 cm and weeding through cono weeder.	Paddy	<i>Pratikshya</i>	5.0	15.6*	22.4*	43	2	1	3	4	10
Ganja m-I	2013	Khari f	Varietal Evaluation	Growing Elephant foot yam var. Gajendra at a spacing of 3', tuber size 250 gms, seed treatment with Panchagabya & fertilizer dose of 100:50:75 of NPK/ha	EFY	<i>Gajendra</i>	1.0	32	36	12	4	2	2	2	10

Ganja m-I	2013	Khari f	Varietal Evaluation	Improved variety with TSS content with scientific technology, 100:60:60, 60 P as basal dose. 50 gm Urea and 25 gm. K2O @ 21 days and rest at 42 days	Tomato	<i>BT-12</i>	2.0	192	236	21	3	1	3	3	10
Ganja m-I	2013-14	Rabi	Varietal evaluation	Cultivation of improved Chilli variety-Pusa jwala	Chilli	<i>Pusa Jwala</i>	2.0 ha.	68.6	84.8	24	4	1	2	3	10
Ganja m-I	Round the year	-	Production & Management	Mineral mixture supplementation @ 30gm/day/animal in home prepared feed	Cattle	<i>Cattle</i>	30nos	No. of estrus/conception – 2.4	No. of estrus/conception – 1.3	184	3	1	2	4	10
Ganja m-I	Round the year		Disease management	Deworming of small animal with fenbendazol @ 7.5mg / kg body wt.	Goat	<i>Goat</i>	100nos	Body wt. gain – 720gm/month	Body wt. gain – 920gm/month	78	5		1	4	10
Ganja m-I	Round the year		Evaluation of breeds	Selecting dual purpose rainbow rooster for backyard poultry	Poultry	<i>Rainbow rooster</i>	100nos	Body wt. gain – 280gm/month	Body wt. gain – 400gm/month	78	2		2	6	10
Ganja m-I	Round the year		Evaluation of breeds	Selecting duck breed (<i>khaki campbell</i>) for egg & meat purpose	Duck	<i>Duck</i>	100nos	Body wt. gain – 410gm/month	Body wt. gain – 460gm/month	89			7	3	10

Ganjam-I	Round the year		Production and management	Construction of vermicompost unit (2 x 1x0.75m ³ and application of agricultural waste, FYM in the ratio 10:3 after decomposing partially for 15 days and then application of <i>E. foetida</i> .)	Vermicompost	<i>E. foetida</i>	10 units		2.4		3	1	2	4	10
Ganjam-I	Khari f		Integrated Crop Management	Improved variety <i>Asha</i> , @ 20 kg./ ha. Seed treatment with Rhizobium @ 20 gm./Kg. of seed, Fertilizer dose N:P:K – 20:40:40 kg./ha.	Pigeon Pea	<i>Asha</i>	5.0	2.4	2.9	20.83	6	2	4	3	15
Ganjam-I	Rabi		Integrated Crop Management	Improved variety <i>Devi</i> @ 150 kg./ ha. Seed treatment with Rhizobium @ 20 gm./Kg. of seed, Fertilizer dose N:P:K – 20:40:40 kg./ha. Application of Zypsum @ 250 kg./ha. at 20 DAS.	Groundnut	<i>TMV-2</i>	5.0	18.4	23.6	28.26	8	3	3	1	15

Ganja m-I	Khari f		Integrated Crop Management	Improved variety <i>Prasad</i> @ 20 kg./ ha. Seed treatment with Rhizobium @ 20 gm./Kg. of seed, Fertilizer dose N:P:K – 20:40:20 kg./ha.	Blackgram	<i>Prasad</i>	5.0	1.4	1.9	35.71	5	4	3	3	15
Ganja m-I	Rabi		Integrated Crop Management	Improved variety TARM-1 @ 20 kg./ ha. Seed treatment with Rhizobium @ 20 gm./Kg. of seed, Fertilizer dose N:P:K – 20:40:20 kg./ha.	Greengram	<i>Tarm-1</i>	5.0	5.9	7.8	32.20	7	3		5	15
Ganja m-I	2013	Khari f	Production & management	Stocking of yearlings of Catla, Rohu & Mrigal @ 5,000/ha with proper management practices	Pisciculture	<i>Catla, Rohu, Mrigal</i>	2.0	27.00	36.50	35%	1	-	3	1	5
Ganja m-I	2013-14	Rabi	Production & management	Stocking of grass carp (<i>C.idella</i>) advance fingerlings @ 200nos/ha for control of aquatic weeds	Pisciculture	<i>Grass carp (C.idella)</i>	2.5	26.50	34.75	31%	2	1	4	3	10

***Low yield & return due to cyclone affect**

3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Ganjam-I	Seed treatment with Carboxyn + Thiram @ 2gm/kg and spraying of Thiophenate methyl @ 1ml/lt	Brinjal	Disease leaf% affected fruit%	10.4 8.6	4.2 3.8	42500	46700	110400	127800	67900	81100	2.6	2.74
Ganjam-I	Pheromone trap @15/ha, prophylactic spray of Neem oil @ 3ml/lt and Spinosad @ 60ml/acre	Cabbage	Damage dead %	14.3	3.2	38500	43700	98000	117000	60300	74000	2.54	2.68
Ganjam-I	Application of Copper oxy chloride 1500 gram+ Plantomycin @ 500 gram/Ha.	Paddy	Disease leaf%	9.4	2.6	14100	16800	12600	14200	-1500	-2400	0.89	0.84
Ganjam-I	Pheromone trap @15/ha, Trichocard @ 15/ha and Cartaf hydrochloride 1kg/10cent and spraying of Neem oil @ 3ml/lt	Paddy	Dead heart% & white ear head%	7.4 3.1	3.4 0.6	16300	18400	12600	14200	-3700*	-4200*	0.77	0.77

Ganjam-I	SRI method of planting of 12 days old seedling at a spacing of 25 x 25 cm and weeding through cono weeder.	Paddy	No.of tiller/hill	18.4	26.8	14600	19200	15600	22400	1000	3200	1.07	1.66
Ganjam-I	Growing Elephant foot yam var. Gajendra at a spacing of 3', tuber size 250 gms, seed treatment with Panchagabya & fertilizer dose of 100:50:75 of NPK/ha	EFY	Avg. wt. of tuber in gram	580	630	36500	42700	32000	36000	-4500*	-4000	0.88	0.85
Ganjam-I	Improved variety with TSS content with scientific technology, 100:60:60, 60 P as basal dose. 50 gm Urea and 25 gm. K ₂ O @ 21 days and rest at 42 days	Tomato	No.of fruits/plant & avg. fruit wt in gram	31 55	46 75	38700	44300	76800	94400	38100	50100	1.98	2.13
Ganjam-I	Cultivation of improved Chilli variety- Pusa jwala	Chilli	No.of fruits/plant	126	184	54300	59700	137200	169600	82900	109900	2.53	2.84
Ganjam-I	Mineral mixture supplementation @ 30gm/day/animal in home prepared feed	Cattle	No. of estrus/conception	2.4	1.3								
Ganjam-I	Deworming of small animal with fenbendazol @ 7.5mg / kg body wt.	Goat	Body wt. gain(gm/month) (Price at Marketable stage)	720	920	1230	1280	2800	3400	1570	2120	2.27	2.65

Ganjam-I	Selecting dual purpose rainbow rooster for backyard poultry	Poultry	Body wt. gain(gm/month), Mortality %	280 12	400 5	185	255	400	700	215	445	2.16	2.74
Ganjam-I	Selecting duck breed (<i>khaki Campbell</i>) for egg & meat purpose	Duck	Body wt. gain(gm/month), Mortality %	410 13	460 6	212	215	560	640	348	425	2.64	2.97
Ganjam-I	Construction of vermicompost unit (2 x 1x0.75m ³ and application of agricultural waste, FYM in the reatio 10:3 after decomposing partially for 15 days and then application of <i>E. foetida</i> .)	Vermicompost	Vermi produced (Kg)		2.6		1200		2500		1300		2.08
Ganjam-I	Improved variety <i>Asha</i> ,@ 20 kg./ ha. Seed treatment with <i>Rhizobium</i> @ 20 gm./Kg. of seed, Fertilizer dose N:P:K – 20:40:40 kg./ha.	Pigeon Pea	Pods/plant	42	64	10500	12600	12000	14500	1500*	1900*	1.14	1.15
Ganjam-I	Improved variety <i>TMV-2</i> @ 150 kg./ ha. Seed treatment with <i>Rhizobium</i> @ 20 gm./Kg. of seed, Fertilizer dose N:P:K – 20:40:40 kg./ha. Application of Zypsum @ 250 kg./ha.at 20 DAS.	Groundnut	Pods/plant	19.2	24.2	17400	20300	57600	72600	40200	52300	3.31	3.57

Ganjam-I	Improved variety <i>Prasad</i> @ 20 kg./ha. Seed treatment with Rhizobium @ 20 gm./Kg. of seed, Fertilizer dose N:P:K – 20:40:20 kg./ha.	Blackgram	Pods/plant	5.2	8.5	7500	8400	5600	7600	-1900*	-800*	0.75	0.91
Ganjam-I	Improved variety TARM-1 @ 20 kg./ha. Seed treatment with Rhizobium @ 20 gm./Kg. of seed, Fertilizer dose N:P:K – 20:40:20 kg./ha.	Greengram	Pods/plant	8.4	13.4	12300	14800	23600	31200	11300	16400	1.91	2.08
Ganjam-I	Stocking of yearlings of Catla, Rohu & Mrigal @ 5,000/ha with proper management practices	Fish	Avg. body wt. in kg	0.675	0.910	1,14,893	1,34,191	2,70,000	3,65,000	1,55,107	2,30,809	2.35	2.72
Ganjam-I	Stocking of grass carp (<i>C.idella</i>) advance fingerlings @ 200nos/ha for control of aquatic weeds	Fish	Avg. body wt. in kg	0.660	0.870	1,16,228	1,31,628	2,65,000	3,47,500	1,48,772	2,15,872	2.28	2.64

*** Low yield & return due to cyclone affect**

3.4 Information about Home Science FLDs

KVK name	Year	Season	Thematic Area	Problem Identified	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/Entreprizes	Technology to be Demonstrated as Solution to the Identified Problem	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Ganjam-I	2013-14	Kharif	Mushroom cultivation	Low production	Paddy straw mushroom	Volavarila Volvacea	Sterilization, use of Horse gram powder	Backyard	-	15
Ganjam-I	2013-14	Rabi	Mushroom cultivation	Low production	Oyster mushroom	Pleurotus Sajorcaju	Sterilization, Use of boiled wheat	Backyard	-	10
Ganjam-I	2013-14	Rabi	Mushroom cultivation	Low production	Paddy straw mushroom	Volavarila Volvacea	Cultivation inside polyhouse	Backyard	-	5
Ganjam-I	2013-14	Rabi	Drudgery reduction	Low efficiency	groundnut		Decortications by polyhouse decorticator		-	10

3.5 Economic Performance Home Science FLDs:

KVK name	OFT Title	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/m in		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Ganjam-I	Cultivation of Paddy straw mushroom											0.8kg/unit	1.4kg/unit	55	55	80	140	0.8kg/bed	1.4kg/bed	25	85	1.45	2.54
Ganjam-I	Cultivation of Oyster mushroom											1.03kg/unit	1.8kg/unit	31	35	51	90	1.03kg/bed	1.8kg/bed	20	55	1.6	2.5
Ganjam-I	Off-season cultivation of Paddy											0.3kg/unit	1.1kg/unit	55	55	45	180	0.3kg/bed	1.1kg/bed	5	125	0.81	3.2

	straw mushroom in polyhouse																					
Ganja m-I	Decortication by Groundnut decortication	1.8kg/ hr	30.2kg /hr																			

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Ganjam-I	Brinjal	Training , field day, method demonstration, group meeting	05	94	
Ganjam-I	Cabbage	Training , field day, method demonstration, group meeting	04	74	
Ganjam-I	Paddy	Training , field day, method demonstration, group meeting	05	104	
Ganjam-I	Paddy	Training , field day, method demonstration, group meeting	06	98	
Ganjam-I	Paddy	Training , field day, method demonstration, group meeting	05	92	
Ganjam-I	EFY	Training , field day, method demonstration, group meeting	04	74	
Ganjam-I	Tomato	Training , field day, method demonstration, group meeting	05	87	
Ganjam-I	Chilli	Training , field day, method demonstration, group meeting	05	104	
Ganjam-I	Mushroom	Training , field day, method demonstration, group meeting	04	82	
Ganjam-I	Mushroom	Training , field day, method demonstration, group meeting	05	88	
Ganjam-I	Groundnut	Training , field day, method demonstration, group meeting	06	104	
Ganjam-I	Mushroom	Training , field day, method demonstration, group meeting	06	97	
Ganjam-I	Cattle	Training , field day, method demonstration, group meeting	04	76	
Ganjam-I	Goat	Training , field day, method demonstration, group meeting	05	84	

Ganjam-I	Poultry	Training , field day, method demonstration, group meeting	04	78	
Ganjam-I	Duck	Training , field day, method demonstration, group meeting	05	92	
Ganjam-I	Vermicompost	Training , field day, method demonstration, group meeting	06	115	
Ganjam-I	Pigeon Pea	Training , field day, group meeting	03	100	
Ganjam-I	Groundnut	Training , field day, group meeting	03	100	
Ganjam-I	Blackgram	Training , field day, group meeting	03	100	
Ganjam-I	Greengram	Training , field day, group meeting	03	100	
Ganjam-I	Pisciculture	Training , field day, method demonstration, group meeting	04	85	
Ganjam-I	Pisciculture	Training , field day, method demonstration, group meeting	04	92	

3.7 Details of FLD on crop hybrids.

S. No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
1	Ganjam-I					

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
Ganjam-I	Selecting dual purpose rainbow rooster for backyard poultry	Group discussion, Field visit, personal contact, Field day, Demonstration,	Rainbow rooster breed attended faster growth rate average 350gm/month with less than 5% mortality and 18 egg/month	The farmers have shown great satisfaction towards the result of the technology. KVK is taking following steps for popularization like - Follow up actions are being taken up through Ex-trainee Sammelan, Group discussions, Leaflet distribution along with KMA service also being utilised for popularization of this technology.

Ganjam-I	Mineral mixture supplementation @ 30gm/day/animal in home prepared feed	Group discussion, Field visit, personal contact, Field day, Demonstration,	Less mortality and high growth rate of calves	The farmers have shown great satisfaction towards the result of the technology. KVK is taking following steps for popularization like - Follow up actions are being taken up through Ex-trainee Sammelan, Group discussions, Leaflet distribution along with KMA service also being utilised for popularization of this technology.
Ganjam-I	Improved variety TARM-1 @ 20 kg./ha. Seed treatment with Rhizobium @ 20 gm./Kg. of seed, Fertilizer dose N:P:K – 20:40:20 kg./ha.	Group discussion, Field visit, personal contact, Field day, Demonstration,	Green gram var. TARM-1 performing well against YMV	The farmers have shown great satisfaction towards the result of the technology. KVK is taking following steps for popularization like - Follow up actions are being taken up through Ex-trainee Sammelan, Group discussions, Leaflet distribution along with KMA service also being utilised for popularization of this technology.
Ganjam-I	Improved variety TMV-2@ 150 kg./ha. Seed treatment with Rhizobium @ 20 gm./Kg. of seed, Fertilizer dose N:P:K – 20:40:40 kg./ha. Application of Zypsum @ 250 kg./ha.at 20 DAS.	Group discussion, Field visit, personal contact, Field day, Demonstration,	Availability of high yielding groundnut var TMV-2 should be ensured.	The farmers have shown great satisfaction towards the result of the technology. KVK is taking following steps for popularization like - Follow up actions are being taken up through Ex-trainee Sammelan, Group discussions, Leaflet distribution along with KMA service also being utilised for popularization of this technology.
Ganjam-I	Improved variety Prasad@ 20 kg./ha. Seed treatment with Rhizobium @ 20 gm./Kg. of seed, Fertilizer dose N:P:K – 20:40:20 kg./ha.	Group discussion, Field visit, personal contact, Field day, Demonstration,	Prasad var. of black gram is performing well as compared to local var.	The farmers have shown great satisfaction towards the result of the technology. KVK is taking following steps for popularization like - Follow up actions are being taken up through Ex-trainee Sammelan, Group discussions, Leaflet distribution along with KMA service also being utilised for popularization of this technology.
Ganjam-I	Improved variety Asha,@ 20 kg./ha. Seed treatment with Rhizobium @ 20 gm./Kg. of seed, Fertilizer dose N:P:K – 20:40:40 kg./ha.	Group discussion, Field visit, personal contact, Field day, Demonstration,	Asha var. of pigeon pea is performing well as it has more pods/plant as compared to local	The farmers have shown great satisfaction towards the result of the technology. KVK is taking following steps for popularization like - Follow up actions are being taken up through Ex-trainee Sammelan, Group discussions, Leaflet distribution along with KMA service also being utilised for popularization of this technology.
Ganjam-I	Pheromone trap @15/ha, Trichocard @ 15/ha and Cartaf hydrochloride 1kg/10cent and spraying of Neem oil @ 3ml/lit	Group discussion, Field visit, personal contact, Field day, Demonstration,	Availability of lures of different is a major constraint.	The farmers have shown great satisfaction towards the result of the technology. KVK is taking following steps for popularization like - Follow up actions are being taken up through Ex-trainee Sammelan, Group discussions, Leaflet distribution along with KMA service also being utilised for popularization of this technology.
Ganjam-I	Pheromone trap @15/ha, prophylactic spray of Neem oil @ 3ml/lit and Spinosad @ 60ml/acre	Group discussion, Field visit, personal contact, Field day, Demonstration,	Spinosad against Diamond back moth in Cabbage is very effective	The farmers have shown great satisfaction towards the result of the technology. KVK is taking following steps for popularization like - Follow up actions are being taken up through Ex-trainee Sammelan, Group discussions, Leaflet distribution along with KMA service also being utilised for popularization of this technology.

Ganjam-I	Application of Copper oxy chloride 1500 gram+ Plantomycin @ 500 gram/Ha.	Group discussion, Field visit, personal contact, Field day, Demonstration,	Copper oxy chloride & plantomycin is very effective against Bacterial leaf blight in Paddy	The farmers have shown great satisfaction towards the result of the technology. KVK is taking following steps for popularization like - Follow up actions are being taken up through Ex-trainee Sammelan, Group discussions, Leaflet distribution along with KMA service also being utilised for popularization of this technology.
Ganjam-I	Seed treatment with Carboxyn + Thiram @ 2gm/kg and spraying of Thiophenate methyl @ 1ml/lt	Group discussion, Field visit, personal contact, Field day, Demonstration,	Thiophanate methyl is very effective against Phomopsis blight in Brinjal	The farmers have shown great satisfaction towards the result of the technology. KVK is taking following steps for popularization like - Follow up actions are being taken up through Ex-trainee Sammelan, Group discussions, Leaflet distribution along with KMA service also being utilised for popularization of this technology.
Ganjam-I	Cultivation of improved Chilli variety-Pusa jwala	Group discussion, Field visit, personal contact, Field day, Demonstration,	Pusa jwala var. of chilli is performing well as compared to local var.	The farmers have shown great satisfaction towards the result of the technology. KVK is taking following steps for popularization like - Follow up actions are being taken up through Ex-trainee Sammelan, Group discussions, Leaflet distribution along with KMA service also being utilised for popularization of this technology.
Ganjam-I	Stocking of yearlings of Catla, Rohu & Mrigal @ 5,000/ha with proper management practices	Group discussion, Field visit, personal contact, Field day, Demonstration,	Multiple stocking with scientific management practices not only increases yield but motivated more number of farmers also to adopt this	The farmers have shown great satisfaction towards the result of the technology. KVK is taking following steps for popularization like Follow up actions are being taken up through Ex-trainee Sammelan, Group discussions, Leaflet distribution along with KMA service also being utilised for popularization of this technology.
Ganjam-I	Stocking of grass carp (<i>C.idella</i>) advance fingerlings @ 200nos/ha for control of aquatic weeds	Group discussion, Field visit, personal contact, Field day, Demonstration,	Aquatic weeds are one of the major problems in backyard ponds. By introducing grass carp the weed problem is minimized to a great extent.	The farmers have shown great satisfaction towards the result of the technology. KVK is taking following steps for popularization like - Follow up actions are being taken up through Ex-trainee Sammelan, Group discussions, Leaflet distribution along with KMA service also being utilised for popularization of this technology.

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Ganjam-I	1. Groundnut decorticator instrument should be refined to check more pod damage. Farmers are showing keen interest in the process due to good growth of fish tested from sample netting. 2. Off season cultivation of paddy straw mushroom by low cost poly house is highly appreciated by the farmers 3. Non-irritating EFY var. <i>Gajendra</i> has some medicinal value against piles. 4. Suitable Brinjal variety tolerant to fruit and shoot borer may be screened 5. Tomato variety tolerant to wilting may be screened 6. Suitable drought tolerant paddy variety having high tillering ability may be developed – screened 7. More research is needed on specific mineral requirement of quails 8. Suitable Post- emergence weedicide may be tested for upland paddy

4. Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Ganjam-I	Farmer and farm women training	Group discussion, Interview, Interaction	16.04.2013, Tulasi Palli, 18.04.2013-Dihapadhala, 20.05.2013- Kullada, 22.05.2013-Surada, 10.06.2013- Lepa, 13.06.2013-Sorisamuli, 28.06.2013-Sariapalli, 29.06.2013-Panchabhuti, Somanath palli	148
Ganjam-I	Rural youth Training	Group discussion, Interview, Interaction	02.04.2013- Chopara, 04.04.2013-Jagannathprasad, 09.05.2013 Malingi, Belaguntha, 30.05.2013-Nua-jirabadi, Garudapathara, 03.06.2013-Golapada 06.06.2013 Gobara, Natenga	68
Ganjam-I	In-Service Training	Group discussion, Personal Interview, Interaction, Questionnaires	08.04.2013, 16.05.2013, 13.06.2013 - KVK, Campus	23

Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total
Thematic Areas for Training	
CRP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RYH	Rural Youth
EXP	Extension Personnel

5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only,
2. For category, training type and thematic area, mention code/abbreviations only

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Ganjam-I	FW	ONC	PLP	Integrated Pest Management in Paddy	1	2	9	4	6	2	2		2	
Ganjam-I	FW	ONC	PLP	Management of Mango pests	1	2	6	3	2		1	2	9	2
Ganjam-I	FW	ONC	PLP	Management of Solanaceous wilt	1	1	8		4	2			10	1
Ganjam-I	FW	ONC	PLP	Management of insect, pest in tomato	1	2	8	2	6		1		6	2
Ganjam-I	FW	ONC	PLP	Integrated Pest Management in Brinjal	1	1	9	1	7	2			6	-
Ganjam-I	FW	ONC	PLP	Management pest and diseases in Pigeon pea.	1	2	6	1	5	2	3	1	5	2
Ganjam-I	FW	ONC	PLP	Management of pests in Cowpea	1	1	14		6				2	3
Ganjam-I	FW	ONC	HOV	Cultivation of Bitter gourd	1	2	11	3	2		1	2	4	2
Ganjam-I	FW	ONC	HOT	Cultivation of Elephant foot yam	1	2	8	2	6	1			6	2
Ganjam-I	FW	ONC	LPM	Duck farming	1	2	07		11				07	-
Ganjam-I	FW	ONC	LPM	Transition cow management	1	2	02	01	09	01			09	03
Ganjam-I	RY	ONC	PLP	Use of plant products for ITK for pest control	1	1	6	2	3	4			7	3
Ganjam-I	RY	ONC	LPM	Quail farming	1	1	05	02	02				06	-
Ganjam-I	RY	ONC	LPM	Goat farming for poverty alleviation	2	2	08	04	06				12	
Ganjam-I	RY	ONC	RYH	Role of Farmers club for empowerment of Farmers	2	2	10	-	08				12	
Ganjam-I	RY	ONC	RYH	Leadership Development	1	2	05	02	01		03		02	02

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Ganjam-I	RY	ONC	RYH	Income generation activities for empowerment of rural youth	2	4	12	02					11	05
Ganjam-I	IS	ONC	PLP	Use of new generation pesticides for pest control	1	1	3	1	2	2			2	
Ganjam-I	IS	ONC	PLP	Integrated Pest Management in Paddy	1	1	2	2	1	1	1		2	1
Ganjam-I	IS	ONC	LPM	Importance of Laboratory diagnosis	2	2	6	1	2					
Ganjam-I	IS	ONC	WOE	Household food security by KG and NG	1	1		15						
Ganjam-I	IS	ONC	WOE	Gender mainstreaming through SHG	1	1		15						
Ganjam-I	IS	ONC	WOE	Formation and management of SHG	1	1								
Ganjam-I	IS	ONC	EXP	Capacity building for ICT application	1	2	05		03				02	05
Ganjam-I	IS	ONC	EXP	WTO and IPR issues	1	2	07		02				01	07
Ganjam-I	IS	ONC	EXP	Project Monitoring & Evaluation	1	2	06	01	02				01	06
Ganjam-I	IS	ONC	EXP	Information and communication intervention for effective TOT	1	2	05	02					02	05
Ganjam-I	FW	OFC	PLP	Management of Blast diseases in Paddy	1	1	5	3	6	1			8	2
Ganjam-I	FW	OFC	PLP	Diagnosis and management of diseases in Cowpea	1	1	6		7	1			9	2
Ganjam-I	FW	OFC	PLP	Management of Stem borer in Maize.	1	1	8	2	6		1		5	3
Ganjam-I	FW	OFC	PLP	Integrated Pest Management of Tea mosquit bug in Cashewnut	1	1	02	01	07	03			09	03
Ganjam-I	FW	OFC	PLP	Integrated Pest Management of Diamond Back Moth in Cabbage	1	1	05	01	06	01			07	05
Ganjam-I	FW	OFC	PLP	Integrated Pest Management in Sugarcane	1	1	7		8				10	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Ganjam-I	FW	OFC	PLP	Management of Pest in Chilli	1	1	02	01	09	01			09	03
Ganjam-I	FW	OFC	PLP	Safe use of pesticides and chemical	1	1	14		6				2	3
Ganjam-I	FW	OFC	HOO	Commercial cultivation of gladioli ,Tuberose & Marigold	1	1	4	2	5	3	1	1	4	5
Ganjam-I	FW	OFC	HOV	Cultivation of cauliflower and cabbage	1	1	02	01	09	01			09	03
Ganjam-I	FW	OFC	HOV	Improved cultivation of vegetables	1	1	08	04	06				12	
Ganjam-I	FW	OFC	HOV	Improved method of pointed guard cultivation.	1	1	4	2	7	3	1	1	4	3
Ganjam-I	FW	OFC	HOV	Cultivation of wilt tolerant tomato and brinjal	1	1	6		5				8	6
Ganjam-I	FW	OFC	HOF	Intercropping in mango orchard	1	1	7	2	3		2	1	7	3
Ganjam-I	FW	OFC	HOF	Improved technology of banana cultivation.	1	1	6	2	3		2	1	8	3
Ganjam-I	FW	OFC	HOS	Commercial cultivation of Ginger & Turmeric	1	1	3	2	6	1	2	2	5	4
Ganjam-I	FW	OFC	LPM	Fodder production	1	1	07		11				07	
Ganjam-I	FW	OFC	LPM	Requirement of balanced feed for better milk production	1	1	02	01	09	01			09	03
Ganjam-I	FW	OFC	LPM	Azolla Preparation	2	2	10	04	14	06			10	06
Ganjam-I	FW	OFC	LPM	Late heat management in heifer	1	1	05	02	07	03			05	03
Ganjam-I	FW	OFC	LPM	Importance of vaccination and deworming	2	2	10	03	11	04			18	04
Ganjam-I	FW	OFC	LPM	Care and management of new born calf	1	1	05	01	08	02			09	
Ganjam-I	FW	OFC	LPM	Various diseases of cattle, symptoms, prevention and control	1	1	05	01	05	03			09	02
Ganjam-I	FW	OFC	LPM	Importance of artificial insemination	1	1	05	03	07	03			07	

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Ganjam-I	FW	OFC	WOE	Gender mainstreaming through SHG	1	1		25						
Ganjam-I	FW	OFC	WOE	Household food security by KG and NG	1	1		25						
Ganjam-I	FW	OFC	WOE	Storage loss minimization techniques	1	1		25						
Ganjam-I	FW	OFC	WOE	Value addition	1	1		25						
Ganjam-I	FW	OFC	WOE	Income generation activities for empowerment of rural women	1	1		14		7		02		02
Ganjam-I	FW	OFC	WOE	Location specific drudgery reduction technology	3	3		25						
Ganjam-I	FW	OFC	FIS	Water quality management in fish pond	1	1	8	2	6		1		5	3
Ganjam-I	FW	OFC	FIS	Stocking & Post stocking pond management	1	1	02	01	07	03			09	03
Ganjam-I	FW	OFC	FIS	Multiple stocking & multiple harvesting in pond culture	1	1	05	01	06	01			07	05
Ganjam-I	FW	OFC	FIS	Production of fingerlings, stunted fingerlings & yearlings	1	1	02	01	09	01			09	03
Ganjam-I	FW	OFC	FIS	Feeding management for carp culture	2	2	14		6				2	3
Ganjam-I	FW	OFC	FIS	Polyculture of freshwater prawn with IMC	1	1	4	2	5	3	1	1	4	5
Ganjam-I	FW	OFC	FIS	Composite fish culture	2	2	05	01	06	01			07	05
Ganjam-I	FW	OFC	FIS	Fish diseases and their management	1	1	8	2	6		1		5	3
Ganjam-I	RY	OFC	PLP	Rearing of Honey bee	2	2	08		06		04		12	
Ganjam-I	RY	OFC	RYH	Entrepreneurial development of farmers & youths	2	2	12		10				08	
Ganjam-I	RY	OFC	RYH	Importance of group dynamics & time	2	2	14				06		10	

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				management in capacity building for small scale entrepreneurs										
Ganjam-I	RY	OFC	RYH	Ideal agricultural farm record keeping.	2	2	13		03		04		10	
Ganjam-I	RY	OFC	WOE	Mushroom production	4	4				12		17		46
Ganjam-I	RY	OFC	WOE	Value addition	1	1		15						
Ganjam-I	RY	OFC	FIS	Ornamental fish farming	1	1	04	02	03		02		03	01
Ganjam-I	RY	OFC	FIS	Rearing of fry & fingerlings	1	1	06	02	01		02		03	01
Ganjam-I	IS	OFC	WOE	Income generation activities for empowerment of rural women	1	1		15						

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

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Ganjam-I	Use of plant products &ITK for pest control	Paddy, veg.	Integrated Pest Management	2	03	02	4	-	03	-	2	1
Ganjam-I	Quail farming	Quail	Popularization of Quail farming	2	08	02			05			
Ganjam-I	Goat farming for poverty alleviation	Goat	Deworming and vaccination of Goats	2	10	03			08	09		
Ganjam-I	Seed production of carps			2	02				13	-		

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

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
Ganjam-I	Honey bee rearing	Small scale income gen. system	02	02	
Ganjam-1	Mushroom production	Small scale income gen. system	04	04	
Ganjam-1	Composite pisciculture	Small scale income gen. system	03	03	

Table 5.4. 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)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Ganjam-I																

Table 5.5 Training Programmes for Panchayatiraj Institutions Office-bearers & members - 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)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Ganjam-I																

Table 5.6 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income (59,17,25)
			Before	After	Before	After			

Ganjam-I	Integrated Pest Management in Paddy	25	27	43	36	42	12000	15000	Impact on 4. Area expanded (ha)32 5. No. of farmers adopted (no.)69 6. % change in knowledge, production & Income (69,23,33)
Ganjam-I	Management of Mango pests	25	32	54	26	32	18000	24000	Impact on 7. Area expanded (ha)42 8. No. of farmers adopted (no.)23 9. % change in knowledge, production & Income (37,17,22)
Ganjam-I	Management of Solanaceous wilt	25	41	56	184	215	64000	78000	Impact on 10. Area expanded (ha)38 11. No. of farmers adopted (no.)114 12. % change in knowledge, production & Income (78,22,22)
Ganjam-I	Management of insect, pest in tomato	25	27	48	174	213	51000	62000	Impact on 13. Area expanded (ha)31 14. No. of farmers adopted (no.)68 15. % change in knowledge, production & Income (78,19,21)
Ganjam-I	Integrated Pest Management in Brinjal	25	36	64	163	194	42000	51000	Impact on 16. Area expanded (ha)65 17. No. of farmers adopted (no.)112 18. % change in knowledge, production & Income (71,32,32)
Ganjam-I	Management pest and diseases in Pigeon pea.	25	24	41	5.6	7.4	14000	18500	Impact on 19. Area expanded (ha)81 20. No. of farmers adopted (no.)163 21. % change in knowledge, production & Income (61,17,15)
Ganjam-I	Management of pests in Cowpea	25	28	45	53	62	47000	54000	Impact on 22. Area expanded (ha)14 23. No. of farmers adopted (no.)43 24. % change in knowledge, production & Income (59,08,15)
Ganjam-I	Use of plant products for ITK for pest control	25	32	51	36	39	13000	15000	Impact on 25. Area expanded (ha)31 26. No. of farmers adopted (no.) 64 27. % change in knowledge, production & Income (81,15,14)

Ganjam-I	Cultivation of Bitter gourd	25	27	49	85	98	64000	73000	Impact on 28. Area expanded (ha)31 29. No. of farmers adopted (no.) 64 30. % change in knowledge, production & Income (73,26,24)
Ganjam-I	Cultivation of Elephant foot yam	25	26	45	65	82	38000	47000	Impact on 31. Area expanded (ha) 32. No. of farmers adopted (no.) 64 33. % change in knowledge, production & Income ()
Ganjam-I	Duck farming	25	37	65	1.75kg	2.25kg	560	640	Impact on 34. Area expanded (village)04 35. No. of farmers adopted (no.) 10 36. % change in knowledge, production & Income (76,29,14)
Ganjam-I	Transition cow management	50	45	85	Milk – 0.75lt/day	2.0lt/day	450	1200	Impact on 37. Area expanded (ha)08 38. No. of farmers adopted (no.) 20 39. % change in knowledge, production & Income (89,167,167)
Ganjam-I	Quail farming	25	15	50	150gm	240gm	30/bird	40/bird	Impact on 40. Area expanded (village)05 41. No. of farmers adopted (no.) 10 % change in knowledge, production & Income (80,60,33)
Ganjam-I	Goat farming for poverty alleviation	25	45	72	12kg	15kg	4200	5250	Impact on 42. Area expanded (ha)10 43. No. of farmers adopted (no.) 40 % change in knowledge, production & Income (60,25,25)
Ganjam-I	Capacity building for ICT application	10	28	42					Impact on 44. Area expanded (ha) 45. No. of farmers adopted (no.) % change in knowledge, production & Income (50,0,0)
Ganjam-I	WTO and IPR issues	10	20	38					Impact on 46. Area expanded (ha) 47. No. of farmers adopted (no.) % change in knowledge, production & Income (90,0,0)

Ganjam-I	Project Monitoring & Evaluation	10	28	48					Impact on 48. Area expanded (ha) 49. No. of farmers adopted (no.) % change in knowledge, production & Income (71,0,0)
Ganjam-I	Information and communication intervention for effective TOT	10	29	56					Impact on 50. Area expanded (ha) 51. No. of farmers adopted (no.) % change in knowledge, production & Income (93,0,0)
Ganjam-I	Entrepreneurial development of farmers & youths	30	35	56					Impact on 52. Area expanded (ha) 53. No. of farmers adopted (no.) 5 % change in knowledge, production & Income (60,0,0)
Ganjam-I	Importance of group dynamics & time management in capacity building for small scale entrepreneurs	30	25	49					Impact on 54. Area expanded (ha) 55. No. of farmers adopted (no.) % change in knowledge, production & Income (96,0,0)
Ganjam-I	Ideal agricultural farm record keeping.	30	29	56					Impact on 56. Area expanded (ha) 57. No. of farmers adopted (no.) 16 % change in knowledge, production & Income (93,0,0)
Ganjam-I	Role of Farmers club for empowerment of Farmers	30	29	47					Impact on 58. Area expanded (ha) 59. No. of farmers adopted (no.) 12 % change in knowledge, production & Income (62,0,0)
Ganjam-I	Leadership Development	15	26	39					Impact on 60. Area expanded (ha) 61. No. of farmers adopted (no.) % change in knowledge, production & Income (50,0,0)
Ganjam-I	Income generation activities for empowerment of rural youth	30	38	62					Impact on 62. Area expanded (ha) 63. No. of farmers adopted (no.) 16 % change in knowledge, production & Income (63,0,0)

Ganjam-I	Management of Blast diseases in Paddy	25	24	42	35	39	12000	15000	Impact on 64. Area expanded (ha) 43 65. No. of farmers adopted (no.) 94 % change in knowledge, production & Income (75,11,25)
Ganjam-I	Diagnosis and management of diseases in Cowpea	25	26	43	56	64	44000	52000	Impact on 66. Area expanded (ha) 17 67. No. of farmers adopted (no.) 43 % change in knowledge, production & Income (65,14,18)
Ganjam-I	Management of Stem borer in Maize.	25	31	54	37	44	19000	23000	Impact on 68. Area expanded (ha) 31 69. No. of farmers adopted (no.) 57 % change in knowledge, production & Income (74,19,21)
Ganjam-I	Integrated Pest Management of Tea mosquito bug in Cashew nut	25	28	47	3.0	3.6	13000	17000	Impact on 70. Area expanded (ha) 19 71. No. of farmers adopted (no.) 43 % change in knowledge, production & Income (68,20,31)
Ganjam-I	Integrated Pest Management of Diamond Back Moth in Cabbage	25	33	53	156	184	41000	48000	Impact on 72. Area expanded (ha) 23 73. No. of farmers adopted (no.) 58 % change in knowledge, production & Income (61,18,17)
Ganjam-I	Integrated Pest Management in Sugarcane	25	37	61	1600	1900	51000	65000	Impact on 74. Area expanded (ha) 19 75. No. of farmers adopted (no.) 27 % change in knowledge, production & Income (65,19,27)
Ganjam-I	Management of Pest in Chilli	25	31	48	74	92	48000	64000	Impact on 76. Area expanded (ha) 7 77. No. of farmers adopted (no.) 18 % change in knowledge, production & Income (55,24,33)
Ganjam-I	Safe use of pesticides and chemical	25	36	52					Impact on 78. Area expanded (ha) 53 79. No. of farmers adopted (no.) 84 % change in knowledge, production & Income -44

Ganjam-I	Commercial cultivation of gladioli ,Tuberose & Marigold	25	45	64	13	16	115000	135000	Impact on 80. Area expanded (ha)2 81.No. of farmers adopted (no.)12 % change in knowledge, production & Income (42,23,17)
Ganjam-I	Cultivation of cauliflower and cabbage	25	45	67	156	187	54000	68000	Impact on 82. Area expanded (ha)11 83.No. of farmers adopted (no.) 34 % change in knowledge, production & Income (49,20,26)
Ganjam-I	Improved cultivation of vegetables	25	42	67	185	205	45000	57000	Impact on 84. Area expanded (ha)17 85.No. of farmers adopted (no.)67 % change in knowledge, production & Income (60,11,27)
Ganjam-I	Improved method of pointed guard cultivation.	25	37	58	112	134	72000	85000	Impact on 86. Area expanded (ha)2 87.No. of farmers adopted (no.)8 % change in knowledge, production & Income (57,20,18)
Ganjam-I	Cultivation of wilt tolerant tomato and brinjal	25	41	64	185	213	48000	62000	Impact on 88. Area expanded (ha)3 89.No. of farmers adopted (no.)17 % change in knowledge, production & Income (56,15,19)
Ganjam-I	Intercropping in mango orchard	25	35	58	32	38	18000	25000	Impact on 90. Area expanded (ha)27 91.No. of farmers adopted (no.)15 % change in knowledge, production & Income (66, 19,39)
Ganjam-I	Improved technology of banana cultivation.	25	29	48	260	285	92000	104000	Impact on 92. Area expanded (ha)6 93.No. of farmers adopted (no.)18 % change in knowledge, production & Income (66,10,13)
Ganjam-I	Commercial cultivation of Ginger & Turmeric	25	31	56	135	162	74000	88000	Impact on 94. Area expanded (ha)2 95.No. of farmers adopted (no.)7 % change in knowledge, production & Income (81,20,19)

Ganjam-I	Fodder production	25	30	55	0.6lt/day	1.0lt/day	1500	2400	Impact on 96. Area expanded (village)04 97. No. of farmers adopted (no.)08 % change in knowledge, production & Income (83,67,60)
Ganjam-I	Requirement of balanced feed for better milk production	25	37	70	1lt/day	1.4lt/day	2400	3300	Impact on 98. Area expanded (village)05 99. No. of farmers adopted (no.)12 % change in knowledge, production & Income (84,40,38)
Ganjam-I	Azolla Preparation	25	35	65					Impact on 100. Area expanded (village)05 101. No. of farmers adopted (no.)10 % change in knowledge, production & Income (86,0,0)
Ganjam-I	Importance of vaccination and deworming	25	28	50					Impact on 102. Area expanded (village)06 103. No. of farmers adopted (no.)15 % change in knowledge, production & Income (79,0,0)
Ganjam-I	Care and management of new born calf	25	45	76	25% mortality	<10% mortality			Impact on 104. Area expanded (village)05 105. No. of farmers adopted (no.)15 % change in knowledge, production & Income (69,0,0)
Ganjam-I	Various diseases of cattle, symptoms, prevention and control		38	62	20% mortality	5% mortality			Impact on 106. Area expanded (village)04 107. No. of farmers adopted (no.)17 % change in knowledge, production & Income (63,0,0)
Ganjam-I	Importance of artificial insemination	25	35	60	0.8lt/day	1.5lt/day	1690	3200	Impact on 108. Area expanded (village)05 109. No. of farmers adopted (no.)13 % change in knowledge, production & Income (71,88,89)
	Gender mainstreaming through SHG	25	36	64					Impact on 110. Area expanded (ha) 111. No. of farmers adopted (no.)47 % change in knowledge, production & Income (77)

Ganjam-I	Gender mainstreaming through SHG	15	41	56					Impact on 112. Area expanded (ha) 113. No. of farmers adopted (no.)36 % change in knowledge, production & Income (68)
Ganjam-I	Household food security by KG and NG	15	32	54					Impact on 114. Area expanded (ha) 115. No. of farmers adopted (no.)34 % change in knowledge, production & Income (68)
Ganjam-I	Mushroom Production	100	31	56	1.2kg/bed	1.5kg/bed	120	150	Impact on 116. Area expanded (ha) 117. No. of farmers adopted (no.)28 % change in knowledge, production & Income (81,25,25)
Ganjam-I	Value addition	15	28	54			7200	8900	Impact on 118. Area expanded (ha) 119. No. of farmers adopted (no.)34 % change in knowledge, production & Income (48, , 19)
Ganjam-I	Formation and management of SHG	15	27	48					Impact on 120. Area expanded (ha) 121. No. of farmers adopted (no.)78 % change in knowledge, production & Income (77,0,0)
Ganjam-I	Storage loss minimization techniques	25	28	45			6000	7300	Impact on 122. Area expanded (ha) 123. No. of farmers adopted (no.)31 % change in knowledge, production & Income (61, 0, 22)
Ganjam-I	Household food security by KG and NG	25	24	41					Impact on 124. Area expanded (ha) 125. No. of farmers adopted (no.)64 % change in knowledge, production & Income (71,0,0)
Ganjam-I	Value addition	25	32	51			8300	9600	Impact on 126. Area expanded (ha) 127. No. of farmers adopted (no.)27 % change in knowledge, production & Income (59, 0, 16)

Ganjam-I	Income generation activities for empowerment of rural women	25	35	58			13000	17300	Impact on 128. Area expanded (ha) 129. No. of farmers adopted (no.)23 % change in knowledge, production & Income (66, 0, 33)
Ganjam-I	Location specific drudgery reduction technology	25	29	48					Impact on 130. Area expanded (ha) 131. No. of farmers adopted (no.)28 % change in knowledge, production & Income (65,0,0)
Ganjam-I	Water quality management in fish pond	25	32	54	28	34	135000	166000	Impact on 132. Area expanded (ha)4 133. No. of farmers adopted (no.)11 % change in knowledge, production & Income (69,21,23)
Ganjam-I	Stocking & Post stocking pond management	25	38	61	26	31	127000	146000	Impact on 134. Area expanded (ha)6 135. No. of farmers adopted (no.)14 % change in knowledge, production & Income (61,19,15)
Ganjam-I	Multiple stocking & multiple harvesting in pond culture	25	26	48	24.5	28.2	122000	138000	Impact on 136. Area expanded (ha)3 137. No. of farmers adopted (no.)7 % change in knowledge, production & Income (85,15,13)
Ganjam-I	Production of fingerlings, stunted fingerlings & yearlings	25	29	56	25.6	32.4	128000	151000	Impact on 138. Area expanded (ha)2 139. No. of farmers adopted (no.)6 % change in knowledge, production & Income (93,27,18)
Ganjam-I	Feeding management for carp culture	25	31	59	27.4	32.5	146000	171000	Impact on 140. Area expanded (ha)3 141. No. of farmers adopted (no.)8 % change in knowledge, production & Income (90,19,17)
Ganjam-I	Polyculture of freshwater prawn with IMC	25	25	42	22.4	28.5	118000	134000	Impact on 142. Area expanded (ha)2 143. No. of farmers adopted (no.)5 % change in knowledge, production & Income (68,27,14)

Ganjam-I	Composite fish culture	25	41	64	29	34	167000	184000	Impact on 144. Area expanded (ha)7 145. No. of farmers adopted (no.)18 % change in knowledge, production & Income (56,17,10)
Ganjam-I	Fish diseases and their management	25	23	42	23	27.5	132900	146000	Impact on 146. Area expanded (ha)7 147. No. of farmers adopted (no.)21 148. % change in knowledge, production & Income (83,20,10)
Ganjam-I	Rearing of Honey bee	30	36	63	4.3kg/box	6.3kg/box	559	819	Impact on 149. Area expanded (ha) 150. No. of farmers adopted (no.)08 151. % change in knowledge, production & Income (75,47,47)
Ganjam-I	Ornamental fish farming	15	36	64			157000	189000	Impact on 152. Area expanded (ha)1 153. No. of farmers adopted (no.)4 154. % change in knowledge, production & Income (78, 20)
Ganjam-I	Rearing of fry & fingerlings	15	32	51			145000	162000	Impact on 155. Area expanded (ha)2 156. No. of farmers adopted (no.)05 % change in knowledge, production & Income (79,0,12)
Ganjam-I	Integrated Pest Management in paddy	10	32	57					Impact on 157. Area expanded (ha) 158. No. of farmers adopted (no.) % change in knowledge, production & Income (78,0,0)
Ganjam-I	New generation pesticide	10	27	52					Impact on 159. Area expanded (ha) 160. No. of farmers adopted (no.) % change in knowledge, production & Income (93,0,0)

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				
				M	F	M	F	M	F	Purpose	Topic s	Crop Stages
Ganjam-I	Field Day	20	17	478	34	239	99	22		Seeing is believing	Paddy, Brinjal. cabbage	Floweri ng & harvesti ng
Ganjam-I	Kisan Mela	02	1	245	78	176	67	54	9	Seeing is believing	Paddy, Brinjal. cabbage	Floweri ng & harvesti ng
Ganjam-I	Kisan Ghosthi	04	4	70	15	69	46	8	3	Awarene ss	Improved technolog y	
Ganjam-I	Exhibition	02	1	245	78	176	67	54	9	Specific commodi ty	Crop specific, market issues	
Ganjam-I	Film Show	32	44	467	234	373	286	35	10	Awarene ss	Agril and allied activities	
Ganjam-I	Method Demonstrations	10	12	115	28	125	32	9		To improve skill	Integrated Pest Managem ent issues	
Ganjam-I	Farmers Seminar	01										
Ganjam-I	Workshop	02	2	8	6	25	9	2		Awarene ss	Marketing , Value addition	
Ganjam-I	Group meetings	08	06	32	28	56	14			Awarene ss		
Ganjam-I	Lectures delivered as resource persons	28	25	443	217	338	152			Awarene ss & updating Knowled ge		
Ganjam-I	Newspaper coverage	06	11									
Ganjam-I	Radio talks	04	02									
Ganjam-I	TV talks	04										
Ganjam-I	Popular articles	04										
Ganjam-I	Extension Literature	10								Awarene	Pulse	

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			
										ss	production , goattery, fish disease, Integrated Pest Managem ent	
Ganjam-I	Farm advisory Services	23	18	12	2	4						
Ganjam-I	Scientific visit to farmers field	132	164	253	37	47	15					
Ganjam-I	Farmers visit to KVK	212	173	108	13	56						
Ganjam-I	Diagnostic visits	42	35	39	6	35	14			Diagnosi s of affected crops/An imals etc. and prescribe remedial measures		
Ganjam-I	Exposure visits	2	1	4		5	-			Aware farmers about new technolo gy		
Ganjam-I	Ex-trainees Sammelan	4	2	40	13	30	17			Follow up		
Ganjam-I	Soil health Camp	2	2		2	18	7			Soil health manage ment		
Ganjam-I	Animal Health Camp	4	2	28	9	12	3			Diagnosi s of sick animals and vaccinati on		
Ganjam-I	Agri mobile clinic	2	2	21	4	18	7			Diagnosi s of		

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			
										affected crops and prescribe remedial measures		
Ganjam-I	Soil test campaigns	2	2	12	8	34	16			Aware farmers about soil health		
Ganjam-I	Farm Science Club conveners meet	4	2	39		11	1			Update the knowled ge		
Ganjam-I	Self Help Group conveners meetings	4	04		100		07					
Ganjam-I	Mahila Mandals conveners meetings											
Ganjam-I	Celebration of important days (World environment day)	4	4	135	28	10	12	15		World Food Day, Women in Agriculture Day, Vana Mohastava, World Environme nt Day		

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

7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Ganjam-I	Apr-June 2013	Quarterly	500	500
Ganjam-I	July-Sept 2013	Quarterly	500	500
Ganjam-I	Oct-Dec 2013	Quarterly	500	500
Ganjam-I	Jan-Mar 2014	Quarterly	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Ganjam-I	Leaflet	Improved Cultivation of Greengram and Blackgram	Sri Santosh Kumar Samantaray	500
Ganjam-I	Leaflet	Ganjam goat farming for poverty alleviation	Dr.(Smt) Smrutirekha Mallick	500
Ganjam-I	Leaflet	Important diseases of Paddy and control measures	Sri Prasanta Kumar Panda	500
Ganjam-I	Leaflet	Various diseases in fish and their control measures	Sri Manas Ranjan Behera	1000
Ganjam-I	Leaflet	Improved Cultivation of Papaya	Dr. Sutanu Kumar Satapathy	500
Ganjam-I	Leaflet	Pest and disease management of Sesamum	Sri Prasanta Kumar Panda, Sri Santosh Kumar Samantaray	500

7.3 Details of Electronic Media Produced

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

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Ganjam-I	Cereals	Paddy	Pooja	42.50	70000	Provided to OSSC. Ltd. Bhubaneswar	70
Ganjam-I		Paddy	Pratikshya	87.10	160000	Provided to OSSC. Ltd. Bhubaneswar	160
Ganjam-I		Paddy	Swarna sub-1	64.35	11000	Provided to OSSC. Ltd. Bhubaneswar	110
	Pulses	Blackgram	Prasad	1.8	15000	Provided to OSSC. Ltd. Bhubaneswar	07
		Pigeon pea	Asha	1.2	8000	Provided to OSSC. Ltd. Bhubaneswar	5

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Ganjam-I	Vegetables	Drumstick	<i>Pkm-1</i>	2000	10000	150	0.6
Ganjam-I		Elephant Foot Yam	<i>Gajendra</i>	5.0qtl	7500	3	0.2
Ganjam-I		Papaya	<i>Red Lady</i>	1500nos	22500	32	0.5
Ganjam-I		Cabbage	<i>Harekrishna</i>	6000nos	3000	16	0.2
Ganjam-I		Cauliflower	<i>Krishna-1</i>	3000nos	1500	13	0.1
Ganjam-I		Tomato	<i>Utkal Kumari</i>	30000nos	15000	22	0.8
Ganjam-I		Chilli	<i>Utkal ava</i>	1800nos	900	6	0.05
Ganjam-I	OTHERS						
Ganjam-I		Verns	<i>Eisenia foetida</i>	25kg	12500	35	
Ganjam-I		Poultry	<i>Vanraj</i>	200nos	20000	20	
Ganjam-I		Mushroom (spawn)	<i>V.volvarcea</i> & <i>P. sajarcaju</i>	1500 bottles	18000	57	
Ganjam-I		Mushroom (Paddy straw + Oyster)	<i>V.volvarcea</i> & <i>P. sajarcaju</i>	0.6qntl	3000	24	

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) * Name of product should follow same pattern and spelled correct – NIL

KVK Name	Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Ganjam-I	Bio Agents						
Ganjam-I	Bio Agents						
Ganjam-I	Bio Fertilizer						
Ganjam-I	Bio Fertilizer						

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre)	Value (Rs.)	No. of Beneficiaries
Ganjam-I	Poultry	Rainbow Rooster	Bird	60 Kg	7,200	10

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed so far:

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Ganjam-I	Ok	2005		409	409	21	2045	409

9.2 Details of water samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Water report distributed to the farmers (Nos)
Ganjam-I	Ok	2005		47	47	06	235	47

10. Rainwater Harvesting – NIL

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

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

11. Utilization of Farmers Hostel facilities : In Damaged condition

Accommodation available (No. of beds):

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

12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Ganjam-I	1994		03	07	Damaged

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Ganjam-I	08.10.2013	30	More emphasis should be given on Weedicide application to increase Groundnut productivity
Ganjam-I			Power operated Cono weeder should be tested
Ganjam-I			More no. off trainings should be organized to increase pulse production
Ganjam-I			More emphasis will be given for Azolla production as cattle feed.
Ganjam-I			More number of demonstration and training should be conducted for fodder production
Ganjam-I			Soil Scientist of KVK, Berhampur is advised to test soil sample at KVK, Bhanjanagar once in week.
Ganjam-I			Farmers should be encouraged for commercial seed production of pulse
Ganjam-I			More number training should be given to floriculture farmer.
Ganjam-I			Use of Bio-agent should be encouraged.

14. Status of Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages sent	No. of beneficiary	Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
Ganjam-I	109	650	Ntier Software Pvt. Ltd., Bhubaneswar	Integrated Pest Managaement, Integrated Disease Management, Integrated Crop Management, Pisciculture, Animal Science, Fodder, Nutrient Management

15. Status of Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Ganjam-I	ATMA	State	5.24 lakh	Exhibition ,Farmer scientist interaction ,technology package development & refinement	Buguda, JN Prasad, Aska, Sorada, Bhanjanagar,Bellaguntha	ATMA
Ganjam-I	RKVY	Central		Seedling production ,Mushroom Spawn Production, Post harvest operation ,Vermi-compost & Vermin production	Bhanjanagar, Belaguntha	RKVY
Ganjam-I	DRDA					DRDA
Ganjam-I	Zila Panchyat			-		Zila Panchyat
Ganjam-I	Seed Village			-		Seed Village
Ganjam-I	NAIP			-		NAIP
Ganjam-I	Climate Change	ICAR	5.15 lakh	introduction of new	Chopara	Climate

	(NICRA)			variety, Introduction of new crops, water harvesting structures, percolation ponds, Mushroom cultivation , Exhibition ,Farmer scientist interaction ,technology package development refinement,		Change (NICRA)
Ganjam-I	BGREI	Central		Monitoring for improving paddy yield	Aska, jagannath Prasad, Bellaguntha, buguda, Polasara	BGREI

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Ganjam-I	30421978750	12616	25400	25400

17. Awards & Recognitions – Applied

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

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent?

S .No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent ? (ZPD/DES/any other, pl. sp.)
1	Ganjam-I	Yes	ZPD & DEE

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Ganjam-I	Crop Cafeteria	Maize, Ragi, Sweet corn, Tomato, Chilli, Spinach, Radish , Carrots, Coriander, Cabbage, Capsicum, Broccoli, Cauliflower, Medicinal Plants
Ganjam-I	Technology Desk	Use of pheromone trap, tricards and bio-pesticides in vegetables.
Ganjam-I	Visitors Gallery	Ornamental fish maintained
Ganjam-I	Technology Exhibition	Vermicompost, Azolla, mushroom unit, Net house, Apiary unit
Ganjam-I	Technology Gate-Valve	

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Vegetable based	01
2	Fruit based	04
3	Spices	01
4	Others (Medicinal plants)	01

19. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Ganjam-I	Sri Subash Chandra Maharana	Hand operated Seed Drill	Village – Brundaban Vihar, Post- Gobara, Dist. Ganjam(Odisha) ,Pin-761124 Mob. 08763346321
		Sri Mahendra Nayak	Bee capturing box	Village-Nua zirabadi,Po. J.n.Prasad,Dist.-ganjam, Mob.
		Sri Prasanta Rout	ITK for controlling sucking pest	Village-Sariapalli, Block- Bellaguntha,

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1	11.05.2013	25
2	13.06.2013	25
3	24.09.2013	25

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Ganjam-I	05	06	38	151
Ganjam-I				

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt
1				

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	G. Udayagiri, Gajapati	Action plan preparation, Dissemination of technology, critical inputs , Lecture deliberation & assessment of technology.	Increases the Team work Spirit

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Ganjam-I	Dr.S.S. Nanda, DEAN, OUAT	08.10.2013		SAUs		SAC
Ganjam-I	AGM, NABARD	08.10.2013			Others	SAC
Ganjam-I	Manager, SBI, Bhanjanagar	08.10.2013			Others	SAC
Ganjam-I	OIC, CPR, OUAT	08.10.2013		SAUs		SAC
Ganjam-I	ADR, RRTTS, G,udayagiri	08.10.2013		SAUs		SAC
Ganjam-I	MD, OFDC	08.10.2013			Others	SAC
Ganjam-I	S.R.K Singh, Senior Scientist	21.11.2013	ICAR			KVK visit and visit of NICRA village
Ganjam-I	Hon'ble Vice- Chancellor, OUAT	05.03.14		SAUs		KVK visit
Ganjam-I	Dean, Extension Education, OUAT	05.03.14		SAUs		KVK visit
Ganjam-I	Sri Bikram Keshari Arookh, Hon'ble Minister of Rural development and Cooperative , Govt. Of Odisha	19-02-2014			Others	Kissan Mela & KVK visit
Ganjam-I	Dean, Extension Education, OUAT	19.02.14		SAUs		Kissan Mela & KVK visit
Ganjam-I	Prof.Raj Kishore swain, HOD, Animal nutrition	19.02.2014		SAUs		Kissan Mela & KVK visit
Ganjam-I	Prof. Rabi Paikaray, Senior Scientist, Agronomy, OUAT	19.02.2014		SAUs		Kissan Mela & KVK visit
Ganjam-I	Dr. Markandeya Mohaptra, Associate Professor, Farm & Machinery, OUAT	19.02.2014		SAUs		Kissan Mela & KVK visit
Ganjam-I	Prof. Dilip Kumar Dora, PI,	19.02.2014		SAUs		Kissan Mela & KVK visit

	PFDC					
Ganjam-I	Dr. Rabi Nayak, Associate Professor, Soil Science, OUAT	19.02.2014		SAUs		Kissan Mela & KVK visit
Ganjam-I						

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Ganjam-I	01.03.2011	04	670

26. E-CONNECTIVITY

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No of lectors organized by KVK	Brief achievements	Remarks
Ganjam-I	-				-		
Ganjam-I							Stops working due to LNB, ODU & IDU out of order since last 3 years

27. Status of RTI - NIL

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	Ganjam-I			

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1	Ganjam-I	16	16	

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Ganjam-I	Dr.(smt.) Smrutirekha Mallick	SMS(Animal Science)	01	Zonal Workshop on Animal Science, Jabalpur

Ganjam-I	Sri Santosh Kumar Samantaray	SMS(Agriculture Extension)	01	Workshop on write shop success story and case studies
	Total		2	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Ganjam-I	02	02

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Ganjam-I	Dr. Sutanu Kumar Satapathy	Programme Coordinator	01	Orientation training programme
Ganjam-I	Sri Santosh Kumar Samantaray	SMS(Agriculture Extension)	01	Orientation training programme
Ganjam-I	Dr.(smt.) Smrutirekha Mallick	SMS(Animal Science)	01	Orientation training programme
Ganjam-I	Sri Manas Ranjan Behera	Programme Assistant (Fishery)	01	Orientation training programme
Ganjam-I	Dr.(Smt) Gitanjali Subudhi	SMS(Home Science)	01	Orientation training programme
Ganjam-I	Smt. Subhasree Sahoo	Programme Assistant(Home Science)	01	Orientation training programme

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Ganjam-I	06	06

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

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks

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

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

Name of KVK	Alert observed	Particulars	Reported to organization
Ganjam-1	Cyclone (Phailin)	Due to cy a severe cyclonic storm yield of different crops are severely affected	DEE, ZPD, Zone-VII, Jabalpur, MP

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Ganjam-I	Group meeting	1	25	Crop production, Horticulture, Plant protection, Ag. Engineering, Home Science, Fishery
Ganjam-I	Lectures organized	2	50	Crop production, Horticulture, Plant protection, Ag. Engineering, Home Science, Fishery
Ganjam-I	Exhibition	1	50	Crop production, Horticulture, Plant protection, Ag. Engineering, Home Science, Fishery
Ganjam-I	Animal Health camp	1	50	Vaccination, Treatment
Ganjam-I	Fair	1	100	Crop production, Horticulture, Plant protection, Ag. Engineering, Home Science, Fishery
Ganjam-I	Farm Visit	2	30	Crop production, Horticulture, Plant protection, Ag. Engineering, Home Science, Fishery
Ganjam-I	Distribution of Literature (No.)	4	100	Crop production, Horticulture, Plant protection, Ag. Engineering, Home Science, Fishery
Ganjam-I	Distribution of Seed (q)			
Ganjam-I	Distribution of Planting materials (No.)			
Ganjam-I	Bio Product distribution (Kg)			
Ganjam-I	Bio Fertilizers (q)			
Ganjam-I	Distribution of fingerlings (No)			
Ganjam-I	Distribution of Livestock specimen (No.)			
Ganjam-I	Total number of farmers visited the technology week	12	405	

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
Ganjam-I	Paddy –Short duration	10	29
Ganjam-I	Maize	2	05
Ganjam-I	Green gram	10	25
Ganjam-I	Black gram	4	14

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries
Ganjam-I	Paddy –Short duration	10	29
Ganjam-I	Maize	2	05
Ganjam-I	Green gram	10	25
Ganjam-I	Black gram	4	14
Ganjam-I	Paddy –Short duration	10	29

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No.of participants
Ganjam-I	Feed management , disease management	01	34

Animal health camps organized

Name of KVK	Number of camps	No.of animals	No.of farmers
Ganjam-I	3	264	86

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Ganjam-I	Paddy	11.6	18	57
Ganjam-I	Maize	0.1	2	05

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Ganjam-I	Papaya	600	0.1	50

Ganjam-I	Drumstick	400	0.1	30
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Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers
Ganjam-I	Tricogama chilonis (Trichocard)	75nos	5.0	15

(e) Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers
Ganjam-I	Boron	32Kg	26	58

(f) Vermes Produced

Name of KVK	Vermes Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
KVK, Ganjam	17kg	18	1.0	10

(g) Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Ganjam-I	Adoption of short duration drought resistant paddy variety	44	124

(h) 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
Ganjam-I	3	54	4	48	2	76	01	76	01	76	04	82

35. Proposal of NICRA

1. Technologies to be Demonstrated

Name of Technology	Name of Crop	Area (ha.)	Yield (q)	% change in Yield	No. of farmers benefitted
Demon. On Drought resistant var. Khandagiri, Sahabhagi	Paddy –Khandagiri	05	8.4	13.0	15
	Sahabhagi	05	5.6	14.0	14
High yielding paddy var.	Paddy- MTU-1001	08	18.6	11.0	28
Application of Pretilachlor	Paddy	08	17.2	0.4	20

Micronutrient application(Boron)	Paddy	10	17.7	0.4	24
ITKin Paddy- Use f Neem oil @ 5ml/ltr at 30 DAT in Paddy	Paddy	02	11.4	12	10
ICM in Maize	Maize	02	47.5	13.6	05
ICM on Green gram	Green gram	10	7.4	25.0	25
ICM on Blackgram	Blackgram	4	6.8	21.0	14
ICM on Tomato	Tomato-BT-10	2	214	14.0	16
Mushroom cultivation	Oyster mushroom	100 beds	1.6	23	10
Poultry	Rainbow rooster	200 chicks	2.8	93	10
Vermicompost		10 pits	1.6		10
Kitchen gardening	Tomato, brinjal, papaya, drumstick, chilli	03 no.	12.8	09	03
High yielding chilli var. Pusa Jwala		0.1	81.4	19	06
High yielding Brinjal var. Pusa Jwala		0.4	218	16	08
High yielding cauli var. Krishna-1		0.1	164	15	06

2. Proposed Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Awareness campaign	317	95	36	448
Exposure visits	30	-	-	30
Animal health camp	186	78	08	272
Soil test campaign	65	23	1	89

3. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Trainings for farmers and farm women	114	36		150
Trainings for rural youth	10	05		25

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status
2013	11q	Running

5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status
2012	25q	Running

6. Public Representative/District Administration Visited in NICRA Village

Name of Representative/Officer	Designation	Date of Visit
Prof. S.S. Nanda	DEE, OUAT, BBSR	07.10.13
Dr.S.R.K Singh	Senior Scientist, ICAR	21.11.13

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

1. Scented variety may be introduced.
2. KVK should take initiatives for introduction of EMU rearing.
3. More Hybrid varieties should be tested in the local condition

36. Proposed works under NAIP (in NAIP monitoring format) - NIL**37. Case study / Success Story to be developed – Two best only in the following format**

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

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Ganjam-I	02	

SUCCESS STORY - 1

TITLE - MUSHROOM CULTIVATION - A REWARDING ENTERPRISE

INTRODUCTION

Women constitute half of the total population of India. Women are the major workforce in agriculture. To generate income so as to empower the women in a society mushroom cultivation is a suitable enterprise. Further, mushroom cultivation is a should be continued through out the year.

KVK INTERVENTION

Mrs. Purnabasi Swain, W/O of Sri Santosh Swain of village Natenga, Block – Belaguntha, District – Ganjam is a housewife. She came in contact with the KVK scientist in a training programme and then motivated to mushroom cultivation for six months i.e June, she was unable to cultivate paddy straw the KVK scientists again she started off season January. She constructed a poly house with polythene. This UV polythene sheet, 20 P.S as an initial incentive. Time to time supervision inside the polythene to measure the temperature parameter assessed.



cultivate mushroom throughout the year. Then she started paddy straw July, August, September, October and March @ 100beds/month. Still then mushroom profitably during winter season. Being inspired and guided by cultivation of paddy straw mushroom from the month of November to bamboo frame using a transparent 10mt x 7mt size UV film of 200 micron spawn bottles and other required materials provided by the KVK, Ganjam was done by the scientist. A thermometer and a hygrometer were kept and the humidity inside the poly house. Yield per bed was the major

OUTPUT

Mrs.Purnabasi Swain got an average yield of 1.5kg per bed for the mentioned 6 months and achieved a profit of Rs.50/- per bed and Rs.5000/- per month. The total yield from these six months is Rs.30,000/- from paddy straw mushroom.

Again she got an average yield of 1.250kg per bed inside the poly house while 0.31 kg per bed in normal outside situation of winter. In the poly house technology she received the profit of Rs.85/- per bed while in outside situation she suffered a loss of Rs.9.00 per bed. In the last December, January and February she had the profit of Rs.24000/-.

Her annual profit from 2acres of paddy cultivation of her own land was Rs.12000/- in the last year. Hence, her annual income was Rs.66,000/- and on an average Rs.5,500/- per month.

OUTCOME

As a small scale income generation activity paddy straw mushroom cultivation through out the year



is encouraging. The problem of non-productivity of paddy straw mushroom during winter season can be solved by cultivating inside the 200 micron UV polythene house. This technology will increase income of women so that it will enhance the financial empowerment of women in our society.

IMPACT

Being impressive upon the economic profitability of Mrs.Purnabasi Swain the WSHG members of the near by village Madhabarida, Jilundi, Buduli have started cultivating seasonal as well as off-season cultivation of paddy straw mushroom as an income generating activity.

SUCCESS STORY - 2

TITLE – Secondary Agriculture for additional income and self employment

INTRODUCTION

Sri Birendra Nayak aged 38 years a native of Dihapadhala village of Bhanjanagar block inherited 3 acres. He was cultivating Paddy in 2.0 acres and vegetable in 1 acre of land with an annual profit of 7,000/- and Rs. 22,000 from 1.0 acres of vegetable area which is very difficult to meet the family needs for the year.

KVK INTERVENTION

During a training programme conducted by KVK, Ganjam-1, he requested KVK scientists to visit his farm and suggest necessary remedial advice to improve his income by using available resources. After the advice of KVK scientist he opt for Secondary agriculture includes Mushroom cultivation, Poultry rearing and goat rearing along with crop activities. He started Mushroom (Paddy & Oyster) cultivation in both the season along with cultivation of Paddy straw mushroom under poly house in winter season and rearing *Vanaraja* in backyard with proper feeding and vaccination. He started rearing Vanaraja(200 nos.) in a rotation of 4 months interval and 100 nos. goat was purchased by him.

OUTPUT

Sri Birendra Nayak followed the advices of the KVK and got satisfactory income by utilizing small piece of land. The component wise net return is given below.

Sl No	Enterprises	Variety/Breed	Area /Nos	Cost of cultivation	Net return
1.	Mushroom	Volvarea &Pleorotus	800 beds	28,000/-	52,000/-
2.	Poultry	Vanaraj	600 nos	24,500/-	38,000/-
3.	Goat	Ghumsur	100 nos	55,000/-	65,000/-
4.	Vegetables	Cow pea, Tomato, Brinjal	1 acr.	27,000/-	36,000/-
5.	Paddy	MTU-1001	2.0 acr.	14,500/-	17,500/-
			Total	1,49,000/-	2,10,500/-

OUTCOME

As a result of adopting improved package of practices Sri Nayak could able to increase the yield of paddy and vegetables, which not only increases the family income but also ensured nutritional security for his family. Being impressed upon the economic profitability of Sri Nayak, other farmers of near by villages have started adopting secondary agriculture for better income by utilizing available resources and family labour.

IMPACT

- 1.Increased creation of wealth in agriculture and rural areas
- 2.Increased sustainable employment
- 3.Improved farming efficiency
- 4.Improved national and household food security
5. Technology spread to 39 villages of the district
6. Development of self confidence
- 7.Migration checked
- 8.Master trainer for small scale income generation avenues



38. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem) – photographs are provided in separate sheet to avoid inconvenience in attachment.



Anthracnose affected
fruit



Assessment of NAA in
Mango



Tomato Fruit (*Helico
verpa armigera*)



Red mite affected fruit in
OKRA