ANNUAL PROGRESS REPORT

April 2013 to March 2014

Krishi Vigyan Kendra, Puri

Orissa University of Agriculture & Technology, Bhubaneswar

Contents

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	25	285	
	On Going OFT	4	52	
	Technologies assessed (Completed OFT)	16	184	
	Technologies refined			
	On farm trials conducted	20	236	
2	**Frontline demonstrations**			
	Proposed Frontline demonstrations	29	278	
	On Going Frontline demonstrations	2	10	
	FLDs conducted on crops	11	130	
	Area under crops (ha.)	64.3	130	
	FLD on farm implement and tools			
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	3	40	
	FLD on Fisheries - Finger lings	4	35	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	2	15	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	1	14	
3	**Training programmes**	**No. of Course**	**Duration (days)**	**Participants**
	Farmers	64	67	1600
	Farm women	13	14	325
	Rural youth	22	24	400
	Extension personnel/ In service	4	5	80
	Vocational trainings	4	12	67
	Sponsored Training	6	12	150
	Total	113	134	2622

		No. of programmes	Participants
4	**Extension Programmes**	877	20678
5	**Production of technology inputs etc**	**Qty**	**Beneficiaries (nos.)**
	Seed (qt.)	300	1500
	Planting material produced (nos.)	22480	46
6	**Livestock**	**Qty**	**Beneficiaries (nos.)**
	Livestock strains (Nos)		
	Milk Yield - Cow, Buffelo etc. (in liter)		
	Fish (Kg.)	14.4	14
	Fingerlings (nos.)	10500	26
	Poultry-Eggs (nos.)		
	Ducks (nos.)		
	Chicks etc. (nos.)		
7	**Bio Products**	**Qty**	**Beneficiaries (nos.)**
	Bio Agents -Earth worm (Kg.)	1000	2
	Trichoderma (kg.)		
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	20	1
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)		
8	**Any other significant achievement in the Zone**	**Nos.**	**Participants/ beneficiaries**
	Award (Best KVK award and scientist and farmer's award)	6	6
	Publications (Res. Paper/ pop. Art./ Bulletin,etc.)	9	5700
	KVK News letter	2	1000
	SAC Meetings conducted	1	30
	Soil sample tested	20	20
	Water sample tested	82	82
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)		
	KVK-KMA (Message and beneficiaries)	88	1023

	Convergence programmes	11		365
	Sponsored programmes	6		150
	KVK Progressive Farmers interaction	12		516
	No. of Technology Week Celebrations	1		342
	Attended HRD activities organized by ZPD	1		1
	Attended HRD activities organized by DES	11		9
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	4		3
9	Current status of Revolving Funds (Amt. in Rs.)			Rs.3,96,016/-
10		**No. of blocks**	**No. of villages**	
	Outreach of KVK in the District	11	89	
11		**ICAR**	**SAU**	**Others**
	No. of important visitors to KVK (nos.)	2	7	3
12		**Working (Yes/No)**	**No. of Update**	
	Status of KVK Website	Yes	9	
13		**Application received**	**Application disposed**	
	Status of RTI (nos.)	0	0	
14		**Query received**	**Query dissolved**	
	Citizen Charter (nos.)	420	420	
15		**Working (Yes/No)**	**No. of programme viewed**	
	E-connectivity	No	0	
16		**Filled**	**Vacant**	
	Staff Position	15	1	
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)			13
18	Publication received from ICAR /other organization (nos.)			7
19		**Particulars**	**Organization**	
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	0		

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
Puri	16	1	1	6	5	3	3	6	6	16	15

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joiing	Per./ Temp.	Category
Puri	Programme Coordinator	Dr. Anil Kumar Swain	Fishery Sc	Ph.D	Fishery Sc	15600-39100	16310	1.9.12	Temporary	Others
Puri	Subject Matter Specialist1	Dr. Saswati Parichha	Home Sc.	Ph.D	Home Sc.	37400-67000	53250	9.11.11	Temporary	Others
Puri	Subject Matter Specialist2	Babita Mishra	Horticulture	M.Sc.	Horticulture	15600-39100	20590	30.6.07	Temporary	Others
Puri	Subject Matter Specialist3	Samarendra Baral	Plant Protection	M.Sc.	Plant Protection	15600-39100	20590	27.6.11	Temporary	Others
Puri	Subject Matter Specialist4	Sangram Paramaguru	Agril. Extn.	M.Sc.	Agril. Extn.	15600-39100	17610	2.5.11	Temporary	Others
Puri	Subject Matter Specialist5	-	-	-	-	-	-	-	-	-
Puri	Subject Matter Specialist6	Dr. Siddharth Ranabijuli	Animal Science	M.V.Sc.	Animal Science	15600-39100	16250	12.12.12	Temporary	Others
Puri	Programme Assistant	Minati Swain	Home Sc.	B.Sc.	Home Sc.	9300-34800	21010	17.6.13	Temporary	Others
Puri	Farm Manager	Nilamadhaba Sasmal	Soil Sc.	M.Sc.	Soil Sc.	9300-34800	12930	4.7.07	Temporary	Others
Puri	Computer Programmer	Prasant Kumar Sahoo	Computer	MCA	Database Mangt	9300-34800	14120	24.12.10	Temporary	OBC
Puri	Accountant / superintendent	Bishnu Charan Mahala	-	B.A	-	9300-34800	13450	29.5.13	Temporary	OBC
Puri	Stenographer	Bibhu Prasad Dash	-	B.A.	Stenography	5200-20200	6980	6.8.12	Temporary	Others
Puri	Driver	Pramod Kumar Lenka	-	Matric	-	5200-20200	6600	24.7.07	Temporary	Others
Puri	Driver	Bijaya Kumar Barik	-	Matric	-	5200-20200	6600	23.3.11	Temporary	OBC
Puri	Supporting staff	Braja Bandhu Sahani	-	Under matric	-	4440-7440	5180	8.8.08	Temporary	Others
Puri	Supporting staff	Babaji Sethi	-	Under matric	-	4440-7440	5180	7.8.08	Temporary	SC

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
Puri	East and South East Coastal Plain zone	11	230	1697983	78	310160	173739	0.11ha

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)
Puri	Otarkera	2012	Satyabadi	8 km	176	35
Puri	Nuasahi	2013	Nimapara	30km	235	58
Puri	Barakera	2013	Delanga	25km	350	86
Puri	Subarnapur	2013	Gop	55km	385	98
Puri	Jasuapur	2013	Pipli	10km	435	135

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

KVK Name	THRUST AREA
Puri	High yielding & Hybrid rice varieties for medium and low land situation.
Puri	Cultivation of high yielding varieties of groundnut.
Puri	Cultivation of high yielding varieties of black gram and green gram.
Puri	Commercial cultivation of coconut, banana, papaya, betel vine and vegetables.
Puri	Mushroom cultivation.
Puri	Integrated pest management.
	Integrated disease management
Puri	Integrated fish farming and fish health management.
Puri	Artificial insemination of cows.
Puri	Health management of dairy animals and small ruminants.
Puri	Profitable dairy and goatery,apiary.
Puri	Commercial floriculture.
Puri	Organic farming.
Puri	Farm mechanization for timely operation and save high Labour cost.

KVK Name	THRUST AREA
Puri	Value addition to fruits, vegetables, milk and low cost marine fish and prawn.
Puri	Profitable poultry and duckery.
Puri	Fish seed production in small ponds
Puri	Fish production in low saline coastal zone
Puri	Potential inland water bodies for fish production
Puri	Small enterpreneurship development in fisheries
Puri	Rural youth for marketing of fisheries input, product
Puri	Aquatic weed infested pond
Puri	Inland Water Bodies for multiple production

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
Puri	Low yield of rice due to BLB, Leaf folder, Blast	Diagnostic field visit	All blocks
Puri	Low yield due to high Disease incidence like sigatoka in Banana, stem rot, foot rot in Betelvine, Colar rot in Groundnut, YMV in greengram and blackgram	Interactive discussion	All blocks
Puri	Low productivity of fodder & imbalanced nutritional supplements	Survey	All blocks
Puri	Low yielding local aromatic rice	Field visit	All blocks
Puri	High cost of production and poor soil management due to conventional tillage	Group discussion	All blocks
Puri	Poor soil management in rice with chemical fertilizers and pesticides. Decline in soil fertility	PRA	All blocks
Puri	Low yield of cereals, pulses and vegetables due to local variety	Survey	All blocks
Puri	Eriophide mite problem in coconut	Interactive discussion	All blocks
Puri	Lack knowledge about advantage of intercropping	Field visit	All blocks
Puri	Marketing problem of Local Mariegold(Var-Baramasi)	Diagnostic field visit	Pipili, Nimapara, Puri Sadar, Satyabadi, Gop,
Puri	Non-availablity of quality planting materials at appropriate time	Group discussion	All blocks
Puri	Lack of knowledge about high value crop cultivation like Capsicum, Brocoli, Baby corrn and off season tomato cultivation	Group discussion with farmers and farm women	All blocks
Puri	Low yield due to heavy weed infestation	Group discussion	All blocks
Puri	Low yield &quality due to imbalance application of fertilizer	Field visit	All blocks
Puri	Low yield due to high pest infestation like white fly, thrips, Jassids, Aphids	Survey	All blocks
Puri	High skill labour requirement in plucking	Survey	All blocks

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Puri	Labour scarcity and drudgery	Diagnostic visit	All blocks
Puri	Drudgery	Group discussion	All blocks
Puri	Labour scarcity and low plant density	PRA	All blocks
Puri	Unutilised swampy& /marshy lands	Survey	All blocks
Puri	High cost of production due to lack of knowledge about low cost feed	Field visit	All blocks
Puri	Less profit from fish culture	Diagnostic visit	All blocks
Puri	High cost of production and improper utilization of waste	Survey	All blocks
Puri	High cost of production in paddy straw mushroom	PRA	All blocks
Puri	Marketing problems of Agarbati, wood carving, coir products of Farm women	Group discussion	All blocks
Puri	Non adoption high tech technology for mushroom cultivation in poly house	Group discussion	All blocks
Puri	Manual decorticating is tedious	Interactive discussion	All blocks
Puri	High Parasitic load in the animals	Field visit	All blocks
Puri	Low milk yield due to insufficient nutrition	Survey	All blocks
Puri	High prevalence of disease like HS,BQ, FMD)	Group discussion	All blocks
Puri	Low income from single enterprise & under utilization of pond based resources	Field visit	All blocks
Puri	Low income of the farm family & under utilization of marine fish	Diagnostic visit	Four Blocks
Puri	Low yield of fresh water fish due to disease out break	Survey & group discussion	All blocks
Puri	High FCR in fish feed	Interactive discussion	All blocks
Puri	Low production in single culture practice in fisheries	Farmers field visit & survey	All blocks
Puri	Un-availability of organic manure	Field visit	All blocks
Puri	Less enterpreneurs in fisheries sector	Training programme of OLM	All blocks
Puri	Un-utilized low saline area	Field visit	Four Blocks

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.**

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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)	
Puri	2013-14	Kharif	Yield loss due to soil degradation & improper green manuring	Assessment of Brown manuring in upland paddy	**Assessment**	Integrated nutrient management	Crop	Upland	13	39.1	45.2	21675	27200	
Puri	2013-14	Rabi	Yield loss due to soil degradation following monocropping	Assessment of Maize+ cowpea (2:2) intercrop system under Rainfed upland situation	**Assessment**	Intercrop system	Crop	Upland	13					Result Awaited
Puri	2013-14	Rabi	Low yield of sunflower due to local variety	Assessment of sunflower Var-SSH-48	**Assessment**	Varietal Evaluation	Crop	Medium land	13	12.1	15.6	16750	27400	
Puri	2013-14	Rabi	Low yield due to local variety	Assessment of summer Greengram Var-SML-668	**Assessment**	Varietal Evaluation	Crop	Medium land	13	5.6	7.8	3100	11900	
Puri	2013	Kharif	Low yield due to local Var- Desi Kankad	Assessment of Sprine gourd Var-CHSG-28	**Assessment**	Varietal Evaluation	Spinegourd	Irrigated, Medium Land	5	51	77.7	81200	131650	Recommend to Govt. Dept. for horizontal spread

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)		Recomme-ndations
										FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	
Puri	2013	Rabi	Low profit due to heavy production of Tomato in winter season	Assessment of offseason Tomato Var-Pusa Hybrid-I	**Assessment**	Varietal Evaluation	Tomato	Irrigated, Medium Land	13					Result Awaited
Puri	2013-14	Rabi	Less productivity as well as profit due to adoption of mono crop	Assessment of intercropping of French Bean (Arka Komol) in papaya orchard (Red Lady)	**Assessment**	Vegetable cultivation	Papaya + French Bean	Irrigated, Medium Land	13					Damaged due to Cyclone
Puri	2013-14	Kharif	Low yield of leaves due to severe infestation of food rot disease	IDM in control of Foot rot disease in Betelvine	**Assessment**	Integrated Disease Management	Crop	Upland	13	1600000	2460000	734000	1585000	
Puri	2013-14	Rabi	Low yield of groundnut due to severe infestation of collar rot disease	Assessment of IDM in collar rot in groundnut	**Assessment**	Integrated Disease Management	Crop	Medium land	13	17.2	23.8	36800	60700	
Puri	2013-14	Rabi	Low yield of greengram due to severe infestation of YVM disease	Assessment of Integrated disease management of yellow vain mosaic in Greengram	**Assessment**	Integrated Disease Management	Crop	Low Land	13	5.2	7.6	3700	10900	
Puri	2013-14	Kharif	Less plankton production in pond due to lack of RCD	Assessment of efficacy of liquid organic manure for plankton production	**Assessment**	Production and management	Crop	Pond based	13	16.3	19.3	83700	120800	
Puri	2013-14	Rabi	High FCR of feed needs to more cost of production	Assessment of FCR of floating feed in composite fish culture	**Assessment**	Feed and feeding management	Crop	Pond based	13	23.4	28.9	78500	150075	
Puri	2013-14		No Quail farming	Quail bird farming	**Assessment**	Livestock & production management	Enterprise	No quail farming	5		Egg-651no., Meat-49 birds	-	-2377	Not advisable in backyard

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)		Recomme-ndations
										FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	
Puri	2013-14		Poor nutrition of Dairy Animals	Minmix + Prebiotics	**Assessment**	Livestock & production management	Enterprise	No mineral mixture feeding	13	6.3lit	7.35lit	69.70 lit	95.55 lit	Min mix + prebiotic providing good result
Puri	2013-14		Poor nutrition of Dairy Animals	Guinea Grass	**Assessment**	Livestock & production management	Crop	unutilized orchard inter space	13					Surviability is 85%
Puri	2013-14		Poor nutrition of Dairy Animals	Blackrock	**Assessment**	Livestock & production management	Enterprise	local poultry breed reared	13					Result Awaited

2.2 Economic Performance

KVK name	OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	Refined Practice, 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)
Puri	Assessment of Brown manuring in upland paddy	EBT (Yield-q/ha)	215	247	27200	29300		48875	56500		21675	27200		1.7	1.9	
Puri	Assessment of Maize+ cowpea (2:2) intercrop system under Rainfed upland situation															
Puri	Assessment of sunflower Var-SSH-48	Head Diameter(y-q/ha)	15	20	25600	27200		42350	54600		16750	27400		1.65	2	
Puri	Assessment of summer Greengram Var-SML-668	No. of Pods/plant	11	19	22100	23200		25200	35100		3100	11900		1.14	1.51	
Puri	Assessment of Sprine gourd Var-CHSG-28	yield - Q/ha	51	77.7	46300	62600		127500	194250		81200	131650		2.75	3.1	

KVK name	OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	Refined Practice, 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)
Puri	Assessment of offseason Tomato Var-Pusa Hybrid-I															
Puri	Assessment of inter cropping of French Bean (Arka Komol) in papaya orchard (Red Lady)															
Puri	IDM in control of Foot rot disease in Betelvine	No. of leafs/ha/year	1600000	2460000	866000	875000		1600000	2460000		734000	1585000		1.84	2.81	
Puri	Assessment of IPM in collar rot in groundnut	No of damaged(rot) plants/ sq m	19.2	11.4	32000	34500		68800	95200		36800	60700		2.15	2.76	
Puri	Assessment of Integrated disease management of yellow vain mosaic in Greengram	% of Infection	32	17	19700	23300		23400	34200		3700	10900		1.18	1.47	
Puri	Assessment of efficacy of liquid organic manure for plankton production	Plankton (ml/100lit.)	1.5	3.2	54800	71200		138500	191500		83700	120800		2.52	2.68	
Puri	Assessment of FCR of floating feed in composite fish culture	FCR	1.5	1	78400	130500		156900	280575		78500	150075		2	2.15	
Puri	Quail bird farming	Egg production, Meat (bird no.)		651		5800			3423			2377			0.5	
Puri	Minmix + Prebiotics	Milk yield	6.38	7.35	50	58.8		119.7	154.35		69.7	95.55		2.39	2.99	
Puri	Guinea Grass															
Puri	Blackrock															

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
Puri	2013-14	Kharif	Poor utilization of paddy straw	Assessment of low cost paddy straw mushroom cultivation	**Refinement**	Mushroom production	7.5 kg of paddy straw (1/2 size) use instead of 15 kg of straw	Disinfection of straw with Bavistin(8gms) + Formaline(100ml)/100lits/water	Utilization of homestead land under coconut shades	13	7kgs of paddy straw taken as substrate instead of 15kgs of paddy straw, leads to proper utilization of straw and yield is 880 gms/bed
Puri	2013-14	Rabi	Poor utilization of mushroom beds	Assessment of Performance of vermicomposting utilising mushroom bed	**Assessment**	Vermicomposting	Use of waste mushroom beds along with cowdung	Use of waste mushroom bed	Backyard	5	Use of poly propelene bed with waste mushroom bed and cowdung
Puri	2013-14	Rabi	Loss of viability of moong seeds during storage leads to low germ	Assessment of polylines gunny bags for storage moong seeds	**Assessment**	Storage of moong seeds	Storing of moong seeds in poly lines gunny bags		Homestead	13	Pest attack is reduced to 15%. By using 200micron poly bag moong seeds can be stored for six months
Puri	2013-14	Rabi	Low price of Tomato due to heavy production	Assessment of value addition in tomato i.e. Puree, tomato ketchup	Assessment	Value addition	Preparation of Tomato puree & ketch up by using glacial actic acid(20 ml & sodium Benzoate(5gm) as preseratives/2kg tomato sauce/puree	Value Addition	Homestead	13	Tomato puree and ketchup is a value addition to waste tomato which is priced at three times than the raw tomato.

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		
Puri	Assessment of low cost paddy straw mushroom cultivation										46.6	600	880			Rs.8/-	Rs.38/-	600 gms/bed	880 gms/bed	Rs.48/-	Rs.70/-	Rs.46/-	1.2 : 2.10
Puri	Assessment of Performance of vermicomposting utilising mushroom bed											0	30	0	4377		12123		3		16500		2.7
Puri	Assessment of polylines gunny bags for storage moong seeds										15											250	
Puri	Assessment of value addition in tomato i.e. Puree, tomato ketchup													10	30	0	20			0	20	20	3

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Puri	Cultivation of Babycorn HM-4 found net income Rs.83,050/- more profit than farmers practice
Puri	Spine Gourd Var-CHSG-28 adopted by the farmers of Puri district but sufficient Planting material production is difficult so necessary steps may be taken for production of sufficient production of planting material for popularisatio of the variety as well as horizonal spread.
Puri	Release a stem rot resistance variety of Betelvine
Puri	The expiary period of T.Viride should be increased more than 6 months
Puri	Germination of Groundnut is very less in Smruti Variety
Puri	Release of YVM resistance variety of Greengram
Puri	Cultivation of Greengram Var-Pusa Vishal gave 10.1 q/ha in the farmers field more than local variety

Name of KVK	Feedback
Puri	Initial production of plankton is poor due to application of liquid organic manure
Puri	Oilcake based floating fish feed should be developed
Puri	Quailbird farming not advisable in backyard condition, changing of diet from commercial feed to natively available feed reduced egg production & performance, mortality rate high(51%), housing cost more as the birds can fly away, no demand for egg and meat
Puri	Better milk production (Quality and Quantity), Prebiotics feeding increases the feed utilization and feed intake
Puri	85% surviability recorded, can be adopted increased where low sunlight exposure.
Puri	Oyster Mushroom variety Pleurotus Hipsizygous yielded 2.2 kg/bed and its bio efficiency is 120 % hence this may be practised in Front Line Demonstration programmes along with other demonstrations.
Puri	Vermicomposting by using waste mushroom beds and cowdung with proporation 2 :1 is good practice for organic manuring

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
Puri	Pointed Gourd	Varietal Evaluation	Pointed Gourd variety - Swarna Aloukik	Published in ATMA Newsletter communicated to Agriculture & Horticulture Dept. for popularisation, published in KVK, News letter, highlighted in Farmers' Fair	12	65	12
Puri	Capsicum	Varietal Evaluation	Capsicum Variety - California Wonder	Published in ATMA Newsletter communicated to Agriculture & Horticulture Dept. for popularisation, published in KVK, News letter, highlighted in Farmers' Fair	6	55	5
Puri	Potato	Varietal Evaluation	Potato variety - Kufri Surya	Published in ATMA Newsletter communicated to Agriculture & Horticulture Dept. for popularisation, published in KVK, News letter, highlighted in Farmers' Fair	10	75	7
Puri	Banana	Varietal Evaluation	Tissue Culture Banana - Bantala	Published in ATMA Newsletter communicated to Agriculture & Horticulture Dept. for popularisation, published in KVK, News letter, highlighted in Farmers' Fair	13	62	12
Puri	Paddy	Integrated Pest Management	Integrated Pest Management of leaf folder	IPM Methods	9	28	12
Puri	Brinjal	Integrated Disease Management	Wilt management in Brinjal	IDM strategies	17	36	6
Puri	Mariegold	Integrated Pest Management	Mites management in Mariegold	Lowest management practice	6	9	3
Puri	Brinjal	Integrated Pest Management	Integrated Pest Management of fruit and shoot borer in Brinjal	Implementation of IPM strategies	21	60	14

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
Puri	Fishery	Production & management	Demonstration of Jayanti Rohu	Farmers Fair, Fingerling production	60	85	170
Puri	Fishery	Production & management	Yearling introduction in IFS	Farmers Fair, Fingerling production	42	57	135
Puri	Fishery	Production & management	Grass carp for control of aquatic weeds	Publication, Field day	47	62	124
Puri	Enterprise	Entrepreneurship	Ornamental fish production	Newsletter, Field day	7	7	7
Puri	Enterprise	Live stock production and management	Azolla farming	Training & field visit	7	52	0.049
Puri	Enterprise	Live stock production and management	Backyard poultry	Training, field day, field visit	12	243	
Puri	Groundnut	Integrated Crop management	Demonstration of package of practices in Groundnut, seed treatment with Bavistin, Innoculation with Rhizobium, Gypsum @250kg/ha, NPK as per soil test, pesticide per need	Training, Line sowing, Hoeing operation at flower initiation stage	3	60	30
Puri	Greengram	Integrated Crop management	Demonstration of packageof practices in Greengram, seed treatment, Innoculation with Rhizobium, NPK as per soil test, pesticide as per need	Training, Line sowing	4	80	40

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/ Entreprizes	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Oth-ers	Gen-eral	Total
Puri	2013-14	Kharif	Varietal Evaluation	Demonstration of HYV Swarna Sub-1 seed rate 60 kg/ha, spacing 20 x 10 cm, FYM 10 tonne/ha, fertilization 80:40:40	Paddy	Swarna Sub-1	2	36.5	44.1	20.82	2			3	5
Puri	2013-14	Rabi	Varietal Evaluation	Demonstration of Babycorn Var-HM-4, seed rate 25kg/ha, spacing 40 x 15 cm fertilization 120 : 60 :60 and other standard practices, harvest at silking stage	Babycorn	HM-4	2	43.2	17.23		1			4	5
Puri	2013-14	Rabi	Integrated crop management	Demonstration of package of practices in Groundnut, seed treatment with Bavistin, innoculation with Rhizobium, Gypsum @ 250 kg/ha, NPK as per soil test, pesticide as per need	Groundnut	Smruti	10	16.4	21.5	31.09	4			11	15
Puri	2013-14	Rabi	Integrated crop management	Demonstration of package of practices in Greengram, seed treatment, innoculation with Rhizobium, NPK as per soil test, pesticide as per need	Greengram	PUSA VISHAL	25	7.9	10.1	27.8	15			25	40
Puri	2013-14	Rabi	Integrated crop management	Demonstration of package of practices in Blackgram, seed treatment, innoculation with Rhizobium, NPK as per soil test, pesticide as per need	Blackgram	T-9	20	7.6	9.7	27.63	2			28	30
Puri	2013	Kharif	Nursery raising	Demonstration of seedling production in Agro shade net	Brinjal, Tomato, Caulfiflower, cabbage, chilli, Capsicum, Onion, Marigold	Hybrid	5	21000	30,000	42.8			5		5
Puri	2013-14	Rabi	Varietal Evaluation	Demonstation of Capsicum Var-Calfornia Wonder	Capsicum	Calfornia Wonder	0.4	87.2	111.16	27.4			5		5
Puri	2013-14	Rabi	Varietal Evaluation	Demonstration of Potato Var-Kufri Surya	Potato	Kufri Surya	0.4	176.8	246.05	39.1			5		5
Puri	2013-14	Rabi	Weed management	Demonstration of Oxyflurofen for weed control in cauliflower	Cauliflower	Megha	1	182.4	203.6	11.6	2		3		5
Puri	2013-14	Kharif	Integrated Disease Management	Blast disease management in paddy	Paddy	Swarna	2	26	33.2	28	1			9	10
Puri	2013-14	Rabi	Integrated Disease Management	IDM of blight disease in potato	potato	Kufri jyoti	0.5	174.9	228.2	30.47	1			4	5

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/ Technology/ Entreprizes	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Oth-ers	Gen-eral	Total
Puri	2013-14	Rabi	Integrated Disease Management	IDM of powdery mildew in Blackgram	Blackgram	Local	1	4.2	6.5	54	1			4	5
Puri	2013-14	Rabi	Organic Manuring	Vermicomposting in backyard	Vermicompost	E. foetida	5				1			4	5
Puri	2013-14	Kharif	Production and management	Improved Rohu variety	Fishery	Jayanti Rohu	2	23	25.5	10.86				5	5
Puri	2013-14	Kharif	Production and management	Grass carp for aquatic weed control	Fishery	Grass crap	2	22	26.3	19.54				6	6
Puri	2014	Rabi	Production and management	Yearling introduction in IFS	Fishery	Indian major carp	3	23	38	53.33	5			16	21
Puri	2014	Rabi	Enterpreneurship development	Ornamental fish production	Ornamental fish	Live Bearer	3		435					3	3
Puri	2013-14	Kharif	Livestock and production management	Prebiotics	Dairy		Prebiotics	8.46	10.03	18.55				10	10
Puri	2013-14	Kharif	Livestock and production management	Backyard poultry	Poultry	Banaraja	Poultry	1.4	2.3	64	20				20
Puri	2013-14	Rabi	Livestock and production management	Azolla	Azolla	A.Pinnata		6.2	6.6	6.45					10
Puri	2013-14	Rabi	Livestock and production management	Duck Farming	Duck	Khaki Campbell & Indian runner									5

3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Puri	Demonstration of HYV Swarna Sub-1 seed rate 60 kg/ha, spacing 20 x 10 cm, FYM 10 tonne/ha, fertilization 80:40:40	Paddy	Effective Bear tillering Sq. mt	219	241	27000	29300	45625	55125	18625	25825	1.68	1.88
Puri	Demonstration of Babycorn Var-HM-4, seed rate 25kg/ha, spacing 40 x 15 cm fertilization 120 : 60 :60 and other standard practices, harvest at silking stage	Babycorn	Income/yield	35480	83050	25000	28750	60480	111800	35480	83050	2.41	3.88
Puri	Demonstration of package of practices in Groundnut, seed treatment with Bavistin, innoculation with Rhizobium, Gypsum @ 250 kg/ha, NPK as per soil test, pesticide as per need	Groundnut	No. of pods/plant	17	23	34200	35500	65600	86000	31400	50500	1.91	2.42
Puri	Demonstration of package of practices in Greengram, seed treatment, innoculation with Rhizobium, NPK as per soil test, pesticide as per need	Greengram	No. of pods/plant	20	28	22100	23200	35550	45450	13450	22250	1.6	1.95
Puri	Demonstration of package of practices in Blackgram, seed treatment, innoculation with Rhizobium, NPK as per soil test, pesticide as per need	Blackgram	No. of pods/plant	12	22	21500	22800	34200	43650	12700	20850	1.59	1.91
Puri	Demonstration of seedling production in Agro shade net	Brinjal, Tomato, Caulfiflower, cabbage, chilli, Capsicum, Onion, Marigold	Seedlings/21m2	21000	30000	6200	7000	10500	15000	5300	8000	1.85	2.14
Puri	Demonstation of Capsicum Var-Calfornia Wonder	Capsicum	Yield Q/ha	87.2	111.6	44200	49800	130800	177856	86600	128056	2.9	3.5
Puri	Demonstration of Potato Var-Kufri Surya	Potato	Yield Q/ha	176.8	246.05	49800	59000	123760	172235	73960	113235	2.48	2.91

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)
Puri	Demonstration of Oxyflurofen for weed control in cauliflower	Cauliflower	Yield Q/ha	182.4	203.6	43600	39350	109440	122160	65840	82810	2.51	3.1
Puri	Blast disease management in paddy	Paddy	No of hills affected/sq mt	17.3	8.6	36000	38500	28600	36520	-7400	-1980	0.79	0.94
Puri	IDM of blight disease in potato	potato	No of leaves affected/sq mt	21.3	8.6	48900	59000	122430	159740	73530	100740	2.5	2.7
Puri	IDM of powdery mildew in Blackgram	Blackgram	no of infected plants/ sqm	12.3	3.5	14600	16100	16800	26000	2200	9900	1.15	1.62
Puri	Vermicomposting in backyard	Vermicompost	Result Awaited										
Puri	Improved Rohu variety	Fishery	Average Body weight	850	930	112500	115500	230000	255000	117500	139500	2.04	2.2
Puri	Grass carp for aquatic weed control	Fishery	Aquatic weed infestation(%)	70	5	113800	115600	205600	242800	91800	127200	1.8	2.1
Puri	Yearling introduction in IFS	Fishery	Cropping intensity(%)	100	200	114000	185800	225700	380500	111700	194700	1.97	2.04
Puri	Ornamental fish production	Ornamental fish	Younglings(nos.)		435		500		2175		1675		4.35
Puri	Prebiotics	Dairy	Milk yield(lit)	8.46 lit	10.03 lit	67.6	80	129.2	176.13	62	96	1.9	2.2
Puri	Backyard poultry	Poultry	Bodyweight(kg)	1.4	2.3	6100	6710	20664	39330	14564	32620	3.8	5.86
Puri	Azolla	Azolla	Milk yield(lit)	6.2	6.6	49.6	30.3	105.4	112.2	55.8	81.9	2.12	3.7
Puri	Duck Farming	Duck	Result Awaited										

3.4 Information about Home Science FLDs

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/ Technology/ Entreprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Puri	2013-14	Rabi	Mushroom Production	Low yield due to Varietal trial of Oyster Mushroom without disinfection of straw	Varietal replacement of Oyster Mushroom with Var. - Pleurotus Hypsizgous and straw treatment with Bavistin(8gms) + Formalin(100ml)/100lits of water	Mushroom cultivation	Variety- Pleurotus Hypsizgous	Backyard	25 units/ Beneficiaries	10
Puri	2013-14	Rabi	Drudgery reduction	Hand decortication of Groundnut is tedious and involves more drudgery	Use of sitting type Groundnut decorticator capacity - 7kgs	Groundnut decorticator	Variety- Smruti, Local	Backyard		14

3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																			
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/ min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield (Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Puri	Varietal replacement of Oyster Mushroom with Var. - Pleurotus Hypsizgous and straw treatment with Bavistin(8gms) + Formalin(100ml)/100lits of water										46.6	1.5 kg/ bed	2.2 kg/ bed	Rs.28/-	Rs.28/-	Rs.32/-/bed	Rs.60/-/bed	1.5kg / bed	2.2 kg/ bed	Rs.32/-/bed	Rs.60/-/bed		2.14 : 3.14

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/ min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield (Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Puri	Use of sitting type Groundnut decorticator capacity - 7kgs											3 kg/ hr	32 kg/ hr	Rs.40/ kg (G.nut)	Rs.40/ kg (G.nut)			18 kg/ day	192 kg/ day				

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Puri	Potato	Training & Field Day	2	55	Kufri Surya was accepted by the farmers due to early harvest (70-75) days, high yield 246 q/ha, good taste and high market price
Puri	Capsicum	Training & Group discussion	2	35	As a high value crop and due to high market price, high yield and demand in the market farmer accepted the crop and decided to cultivate in large scale.
Puri	Vegetable & flower	Training	1	50	After attending the training programme and seeing the performance of seedling production in agro shade net farmers wanted to set up low cost shade net house for seedling production throughout the year.
Puri	Cauliflower	Training & field visit and group discussion.	3	45	Farmers gave positive remarks about performance of Oxyflurofen in the Cauliflower cultivation as pre emergence application to keep the field weed free for initial 45 days.
Puri	Groundnut	Training	1	25	Groundnut Var-Smruti gave more yield than local Variety and positive reaction from farmer to adopt the same
Puri	Greengram	Training	1	25	Greengram Var-Pusa Vishal comparatively gave more yield than local variety and farmers convinced to adopt the same and save their crop from YMV disease

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Puri	Babycorn	Training	1	25	Optimistic reaction from farmers to adopt the Babycorn Variety HM-4 and give more income to the farmer
Puri	Paddy	IPM in Paddy	2	50	Farmers visually seen the trapping of adult stem borer moths inside the pheromone trap.So aopted this IPM strategies.
Puri	Bee Enterprise	Bee-keeping	1	10	Due to a rich source of income & increasing productivity of crops; the landless farmers interested to adopt bee-keeping.
Puri	Potato	Disease and pest management in Potato	1	25	Seed treatment controls upto 60% of blight disease in potato.So farmers very much appreciated & commited to adopt this method.
Puri	Greengram	IDM in Greengram	1	25	Seed treatment &Installation of yellow sticky trap found very much effective against YVM disease .So yield increases.
Puri	Potato	Field Day	1	26	Kufri Jyoti was accepted by the farmers due to high yield upto 248q/ha, good taste. high market demand & easily available in local market.
Puri	Blackgram	Field Day	1	20	Control of Powdery mildew by Sulphur dust is the cheapest source.So accepted by farmers.
Puri	Fishery	Training	4	100	
Puri	Fishery	Field Day	3	140	Shows the confident on demonstrated technology
Puri	Fishery	Video show	3	150	
Puri	Ornamental fish	Training	1	25	Entrepreneurs developed in ornamental fish
Puri	Fish cum duck farming	Training	1	25	
Puri	Fish seed	Training	2	50	Fish seed village developed by the farmers club
Puri	Shrimp	Inservice Training	1	20	

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Puri	Nutrition of Dairy animals	Training	1	25	Supplement feeding is required along with probiotics for better production
Puri	Backyard poultry	Training	2	50	Backyard poultries highly profitable in short duration of time
Puri	Azolla Feeding	Training	1	25	Azolla feeding reduces the cost of feeding & act as a better protein source
Puri	Mushroom cultivation	FLD on Oyster Mushroom cultivation	3	10 SHG group	Oyster Mushroom Var. Pleurotus Hypsizygous is a high yielding variety, its bio efficiency 120%, yield is 2.2kg/bed, well accepted by the Farm Women.
Puri	Groundnut	FLD on sitting type Groundnut decorticator	3	14	Use of Groundnut decorticator (sitting type) is less time consuming, less drudgery

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	Puri	Babycorn	HM-4	National Seed Corporation, Bhubaneswar	5	2
2	Puri	Tomato	Pusa Hybrid-I		13	2

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
Puri	Babycorn Var-HM-4	Full package and practices	More profit than Maize crop	Horizontal spread

Name of KVK	Feedback			
	Technology appropriations	**Methodology used**	**Benefits of OFT/FLD**	**Future Adoption**
Puri	Potato Var.- Kufri Surya	Var-Kufri Surya with recommended package of practices	Farmers got 39.1% higher yield than Kufri Jyoti, early harvest 70 to 75 days 10-11 eyes/tuber, fetched better market price	Recommended to Govt. Department for popularisation of the variety
Puri	Capsicum Var-California Wonder	Var-California Wonder with recommended package of practices	Yield increased upto 27.4 %, high market price and demand	Recommended to Govt. Department for popularisation of the variety
Puri	Pre-emergence application of weedicide-Oxyflourfen for control of weed in cauliflower	Pre-emergence application of Oxyflourfen @ 250ml/acre for control of weed for initial 45 days	Yield increased upto 11.6 %, cost of cultivation reduced	Popularized through TV, Radio Talk, Farmers Fair for horizontal spread
Puri	Spine Gourd Var- CHSG-28	Var- CHSG in staking system with recommended package of practices	Yield increase upto 51.3 % and variety fetched good market price	Popularized through Govt. Dept., TV, Radio Talk for future adoption
Puri	IDM of footrot in Betelvine	Soil application of Trichoderma Viride and root drenching of Thiophenate Methyl	Protect crop at initial stage and control the disease	Always use the bio pesticides
Puri	IDM of colar rot in groundnut	Soil application of Trichoderma Viride and neem cake	Seed treatment checks the disease at seedling stage	Seed treatment is the preventive methods for seed borne and soil borne disease
Puri	IDM of YVM disease in greengram	Seed treatment with Imidacloprid 70 % WS, installation of yellow sticking trap and spraying of bio-pesticides B.bassiana	Seed treatment controls 50 % of disease at initial stage and yellow sticky traps checks the sucking pest population	Seed treatment and yellow sticky trap are the two major strategy of IPM
Puri	Groundnut Var-Smruti	Full package and practices	High yield	Farmers adopted the technology in large scale and optimistic response from the farmer
Puri	Greengram Var-Pusa Vishal	Full package and practices	High yield	Positive response from the farmer
Puri	Liquid organic manure	Dilution and application in pond water	Increase the Plankton level	Combination of natural organic manure and liquid organic manure will help for more plakton production
Puri	Floating fish feed	Broadcasting in the culture pond as per biomass	Keep the better water quality and low cost of production	Intensive aquaculture

Name of KVK	Feedback			
	Technology appropriations	**Methodology used**	**Benefits of OFT/FLD**	**Future Adoption**
Puri	Jayanti Rohu	Incorporation with Catla and Mirgala	More than 10% bodyweight than normal Rohu	Fingerling of Jayanti have more surviability
Puri	Grass crap	Introduction in weed infestation pond	Removes all the submerged aquatic weeds	Removal of weeds makes more space for other fish
Puri	Stunted fish fingerling	Less numbers/acre	Crop within 6 months	More than two crops
Puri	Ornamental fish	Small tank structure	Income from backyard	Can be exported to other state
Puri	Demonstration of prebiotic on milk yield of CB cattle	Prebiotic & prebiotic mix feed @ 20g/day	Increase in milk yield by 18.55%, FAT % increase from 3.83 to 4.42, SNF % increase from 7.2 to 7.5	Farmers accepted the technology willing to feed animals by their own, better milk quality and quantity
Puri	Demonstration of backyard poultry	Color synthetics from CPDO, BBSR day old chick with nutrition for 1 month vaccination	Better result than local breeds	Farmers accepted and ready to adapt the syntetic breeds
Puri	Demonstration of Azolla culture for feed management in cow	Azolla grown on 9'x6' polythene sheet	Improved milk production & decreased feed cost	Farmers accepted and convinced about Azolla farming
Puri	Assessment of quail bird farming in backyard	5-6 week birds grown in backyard	No marketing of eggs & meat loss due to high feed cost & low demand of meat & egg	Not advisable for adaptation in backyard condition
Puri	Assessment of min. mix (AA + prebiotics) on milk yield of CB cattle	mix. Feed @ 30 g/day	Improved milk yield	Farmers convinced and adapted the technology willing to fed animals by their own
Puri	FLD on Oyster Mushroom cultivation	Varietal replacement Variety - P.Hypsizygous	Production/yield 2kg/bed	it is adopted 30 % by Farm women
Puri	FLD on Groundnut	Sitting type Coconut decorticator	its efficiency is 30kg/hr decortication with respect to 3kg by hand shelling	It is a useful tool for drudgery reduction
Puri	Assessment of low cost paddy straw mushroom cultivation	7.5 kg paddy straw used (1/2 size)	Yield is more as comparision to traditional method where 15 kg straw is used	Already accepted the technology
Puri	Assessment of Vermicomposting	By using wast mushroom beds	By use of waste mushroom beds as FYM yard manure along with cow dung 2:1 ratio the bio efficiency is improved	It is a cheap source of organic manure

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Puri	Assessment of value additon of Tomato	Preparation of Tomato Puree and Ketchup using preservatives i.e. Glacial Acetic Acid and Sodium Benzoate could save Tomato for longer period	Could save waste Tomato for longer period	it is cost effective to save tomato in the form of puree and ketchup

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Puri	Performance of liquid organic manure at the initial stage is very poor performance of plankton production
Puri	More protein based floating feed can enhance the production for intensive aquaculture
Puri	Jayanti Rohu seed production at the district level
Puri	Control of aquatic weed Eichornia in the fish pond
Puri	Production of fish @ 50 q/ha in the farmers field
Puri	Quail bird farming not available in backyard condition
Puri	Changing of diet from commercial feed to natively available feed reduced egg production & performance.
Puri	Mortality rate high (51%)
Puri	Housing cost more as the birds can fly away
Puri	No demand for egg & meat
Puri	Better milk production (Quality & Quantity)
Puri	Prebiotics feeding increases the field utilization & feed intake
Puri	Guinea grass 85% surviability recorded
Puri	Guinea grass can be adopted in areas where low sunlight exposure.

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
Puri	F/FW	Diagnostic field vist, Group discussion	6.9.13, Kharikuda	25

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Puri	F/FW	Diagnostic field vist, Group discussion	15.11.13.Kolitala	25
Puri	F/FW	Diagnostic field vist, Group discussion	19.11.13, Suninda	25
Puri	F/FW - Pointed Gourd cultivation in triangular staking system	Field visit and Groud discussion with the farmers	27.7.13, Talaganga	15
Puri	F/FW -Integrated Nutrient management in Potato	Farmer scientist interaction & field visti	13.9.13, Dandamukundpur	12
Puri	F/FW-Improved cultivation practices of Capsicum	Diagnostic field visit & group discussion	9.10.13, Kajipur	17
Puri	F/FW - Vegetable seedling raising and agro shade net for higher income generation	Diagnostic field visit	1.2.14,20.2.14 Kusumeswar, Bagalpur, Panchukera, Atheish	26
Puri	RY-Commerical marigold Tuberbose cultivation	Field visit & group discussion	27.11.13, Khanjipur	16
Puri	RY-Nusery raising in polyhouse for commercial purpose	Field visit and Groud discussion	16.12.13, Anijunga, Athabatia, Dumukipur, Kumareswar	11
Puri	F/FW	Group discussion	27.8.13, Odataraboi	25
Puri	F/FW	Field diagnosis	26.12.13, Otarakera	25
Puri	F/FW	Field visit	23.9.13, Sundara	25
Puri	F/FW	Group discussion	27.1.14, Nuasahi	25
Puri	F/FW	Field diagnosis	19.9.13, Talajanga	25
Puri	F/FW	Field visit	31.1.14,	25
Puri	RY	Group discussion	26.11.13	20
Puri	RY	Group discussion	25.11.13	20
Puri	IS	Group interaction	14.3.14, Nuapara	20
Puri	Vocational	Group discussion	20.3.14 to 24.3.14	10
Puri	F/FW	Field visit	8.10.13, Subarnapur	25
Puri	F/FW	Field visit	13.11.13, Kolitara	25
Puri	F/FW	Farmers discussion	11.12.13, Basudeipur	25
Puri	F/FW	Farmers discussion	12.12.13, Basudeipur	25
Puri	F/FW	Field visit	26.12.13, Bijipur	25
Puri	F/FW	Exposure visit	28.12.13, Bijipur	25
Puri	F/FW	Field visit and farmers KVK visit	11.2.14, Oterkera	25
Puri	F/FW	Farmers visit to KVK	17.2.14, Algum	25
Puri	F/FW	Field visit	20.2.14, Algum	25

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Puri	RY	Discussion with farmers club member	14-15.3.14, Kolipokhari	15
Puri	RY	Inter Departmental meeting	21-22.3.14, Gopalpur	15
Puri	IS	Inter Departmental meeting	27.3.14, Nimapara	20
Puri	F/FW	Local problem, farmers interaction	20.6.13	25
Puri	F/FW	Farmers interaction, field visit & discussion with local veterinary staffs	21.8.13	25
Puri	RY	Farmers interaction	25.7.13	20
Puri	RY	Farmers interaction	13.1.14	20
Puri	Vocational	Field visit & farmers' interaction	31.1.14	10
Puri	IS	Interaction with veterinary staffs	6.2.13	15
Puri	RY	Group discussion	24.7.13, Naruda	20
Puri	RY	Group discussion	2.8.13, Samakula	20
Puri	RY	Group discussion	29.8.13, Nahamanga	20
Puri	IS	Interaction with Agriculture staff	15.3.14, DAO office Nimapara	25
Puri	F/FW-Importance of balance diet for Farmer/Farm women	Field visit, group discussion	10.6.13, Talaganga, Puri Sadar	20
Puri	F/FW-Safe storage of food grains	Farmer scientist interaction, field visit	18.5.13, Kajipur, Nimapara	25
Puri	F/FW-Importance of green leafy vegetables in our daily diet	Field visit, group discussion	14.8.13, Indola, Nimapara	12
Puri	F/FW-Importance of Nutritional Gardening in backyard	Farmer scientist interaction	7.10.13, Subarnapur, Gop	15
Puri	RY-Oyster mushroom cultivation	Field visit, group discussion	12.11.13, Baragorda, Nimapara	25
Puri	RY-Paddy straw mushroom cultivation	Field visit, group discussion	20.9.13, Dandamukundpur, Pipili	20
Puri	F/FW-Income generation through incense sticks making	Group discussion	20.12.13, Semilipatna, Kanas	25

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	Cate-gory	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
Puri	F/FW	OFC	CP	Maize based intercropping system	1	1	23	-	2					
Puri	F/FW	OFC	CP	Integrated weed management in Rice	1	1	22	-	3					
Puri	F/FW	OFC	CP	Improved cultivated practices of sunflower	1	1	23	-	2					
Puri	F/FW	OFC	CP	Integrated crop management of babycorn	1	1	20	-	5					
Puri	F/FW	OFC	CP	Integrated crop management of groundnut	1	1	21	-	4					
Puri	F/FW	OFC	CP	Multiplication and application of biofertilizer in rice	1	1	22	-	3					
Puri	F/FW	OFC	CP	Vermicompost production	1	1	18		6	1				
Puri	F/FW	OFC	CP	Azolla production	1	1	25							
Puri	F/FW	OFC	SFM	Brown manuring in rice	1	1	21	-	4					
Puri	F/FW	OFC	SFM	Technique of soil sample collection	1	1	23		2					
Puri	F/FW	OFC	SFM	Management of Acid Soil for sustainable crop production	1	1	24		1					
Puri	F/FW	OFC	SFM	Rice based farming system	1	1	25							
Puri	F/FW	OFC	SFM	Soil and water conservation in undulated land	1	1	25							
Puri	F/FW	OFC	SFM	Fertilizer recommendation on basis of soil test value	1	1	24		1					
Puri	F/FW	OFC	SFM	Organic farming	1	1	20		5					

Name of KVK	Cate-gory	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
Puri	F/FW	ONC	HOV	Vegetable seedling raising in agroshadenet for higher income generation	2	4	2	2	6	5			28	7
Puri	F/FW	OFC	HOV	Improved package and practices of tuber crops	1	1							2	23
Puri	F/FW	OFC	HOV	Pointed gourd cultivation in triangular staking system	1	1	5		3				17	
Puri	F/FW	OFC	HOF	Scientific method of Banana cultivation	1	1							25	
Puri	F/FW	OFC	HOV	Intercropping in papaya cultivation	1	1	2		4				19	
Puri	F/FW	OFC	HOV	Integrated Nutrient management in potato	1	1	10			6			9	25
Puri	FW	OFC	HOV	Integrated Nutrient management in potato	1	1								25
Puri	F/FW	OFC	HOV	Improved cultivation practices of capcicum cultivation	1	1	2							23
Puri	F/FW	OFC	HOV	Integrated crop management in cole crops	1	1	1	2					15	7
Puri	F/FW	OFC	HOV	Weedcide application in cole crops	1	2	3		5				17	
Puri	RY	OFC	HOO	Commercial marigold, tuberose cultivation	1	1		4		3				13
Puri	RY	OFC	HOV	Nursery raising in polyhouse for commercial purpose	1	2	3		1				16	
Puri	F/FW	OFC	AOE	Drip irrigatrion in papaya	1	1	25							
Puri	F/FW	OFC	AOE	Use and operation of zero till drill	1	1	25							
Puri	RY	OFC	CBD	Agro-entrepreneurship	1	1	19		1					
Puri	RY	OFC	CBD	Agro-entrepreneurship for economic activities of SHG	1	1	7		13					
Puri	RY	OFC	CBD	Inocme generating activities for rural youth	1	1	10		10					

Name of KVK	Cate-gory	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
Puri	RY	OFC	CBD	Entrepreneurship development	1	1	20							
Puri	RY	OFC	CBD	SHG formation and their management	1	1	20							
Puri	RY	OFC	CBD	Farmers club formation and their management	1	1	20							
Puri	RY	OFC	CBD	Livelihood management	1	1	14		6					
Puri	RY	OFC	CBD	Rural entrepreneurship development through income generating activities	1	1	17		3					
Puri	RY	OFC	CBD	Intergrated farming system for sustainable livelihood	1	1	19		1					
Puri	RY	OFC	CBD	Maintenance of farm implements	1	1	3	15	1	1				
Puri	F/FW	OFC	CBD	IPM in groundnut	1	1	21		4					
Puri	F/FW	OFC	CBD	IPM in greengram	1	1	17		8					
Puri	IS	OFC	CBD	Formation of farmers club and federation	1	1	23		2					
Puri	F/FW	OFC	PLP	IPM in paddy	1	1	25							
Puri	F/FW	OFC	PLP	Disease and pest management in cole crop	1	1	25							
Puri	F/FW	OFC	PLP	Disease and pest management in cucurbits	1	1	17		8					
Puri	F/FW	OFC	PLP	Disease and pest management in Blackgram and Greengram	1	1	18		6		1			
Puri	F/FW	OFC	PLP	Disease and pest management in Betelvine	1	1	15	10						
Puri	F/FW	OFC	PLP	Disease and pest management in Banana	1	1	19		5		1			
Puri	F/FW	OFC	PLP	Disease and pest management in coconut	1	1	22		2		1			
Puri	F/FW	OFC	PLP	Disease and pest management in Potato	1	1	25							

Name of KVK	Cate-gory	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
Puri	F/FW	OFC	PLP	IPM in Brinjal	1	1	24		1					
Puri	F/FW	OFC	PLP	IPM in Tomato	1	1	25							
Puri	F/FW	OFC	PLP	Disease and pest management in Chilli	1	1	25							
Puri	F/FW	OFC	PLP	Disease and pest management in Okra	1	1	25							
Puri	F/FW	OFC	PLP	Disease and pest management in Oilseed crop	1	1	25							
Puri	F/FW	OFC	PLP	Disease and pest management in Groundnut	1	1	18		3		4			
Puri	F/FW	OFC	PLP	IPM in paddy	1	1	23		2					
Puri	RY	ONC	PLP	Rhodent management	2	1	3	6	1	10				
Puri	RY	ONC	PLP	Store Grain pest management	2	1			16		4			
Puri	IS	OFC	PLP	New generation pesticides	1	1	10	8	2					
Puri	F/FW	OFC	FIS	Pre stocking pond management	1	1	24						1	
Puri	F/FW	OFC	FIS	Water quality management in fish pond	1	1	25							
Puri	F/FW	OFC	FIS	Mulitple stocking and harvesting in pond culture	2	2	50							
Puri	F/FW	OFC	FIS	Feeding management for crap culture	1	1	16	7	1	1				
Puri	F/FW	OFC	FIS	Fish disease and their management	1	1	21	2	2					
Puri	F/FW	OFC	FIS	Production of fingerling and stunted fingerling	2	2	20		5				25	
Puri	F/FW	OFC	FIS	Fish cum duck farming	1	1	23		2					
Puri	RY	OFC	FIS	Ornamental fish farming	1	2	15							
Puri	RY	OFC	FIS	Rearing of fry and fingerling	1	2	15							
Puri	IS	OFC	FIS	Better management practices in shrink farming	1	1	20							

Name of KVK	Cate-gory	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
Puri	F/FW	OFC	LPM	Care and management of livestock in flood affected area	1	1	25							
Puri	F/FW	OFC	LPM	Advantages of artificial insemination for better milk production	1	1	25							
Puri	F/FW	OFC	LPM	Requirement of fodder and balance nutrition in milk production	1	1	25							
Puri	F/FW	OFC	LPM	Importance of vaccination in livestock	1	1	22		3					
Puri	F/FW	OFC	LPM	Importance of deworming in livestock	1	1	25							
Puri	FW	OFC	LPM	Quail farming	1	1		21		4				
Puri	F/FW	OFC	LPM	Backyard poultry farming	1	1	22	1	2					
Puri	F/FW	OFC	LPM	Emu farming	1	1	25							
Puri	F/FW	OFC	LPM	Duck farming	1	1	25							
Puri	F/FW	OFC	LPM	Dairy farming	1	1	25							
Puri	F/FW	OFC	LPM	Goat and sheep farming	1	1	25							
Puri	F/FW	OFC	LPM	Importance of Azolla farming in livestock production	1	1	25							
Puri	RY	OFC	LPM	Income generation through dairy farming	1	1	19	1						
Puri	RY	ONC	LPM	Income generation through Poultry farming	1	2	11		9					
Puri	IS	ONC	LPM	Importance of laboratory diagnosis for disease control	1	2	14		1					
Puri	FW	OFC	WOE	Safe storage of foodgrains	1	1								25
Puri	FW	OFC	WOE	Importance of balance diet for farmer and farm farmwomen	1	1		4						21
Puri	FW	OFC	WOE	Income generation activity through aplique work	1	1								25

Name of KVK	Cate-gory	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
Puri	FW	OFC	WOE	Importance of greenleafy vegetables in our daily diet	2	2				8				42
Puri	FW	OFC	WOE	Importance of nutritional gardening in backyard	2	2		8		6		1		35
Puri	FW	OFC	WOE	Income generation activity through badi, pampad and pickle making	1	1		6				1		18
Puri	FW	OFC	WOE	Income generation activities through incense stick making	2	2		46		4				
Puri	FW	OFC	WOE	Income generation through coir rope production	1	2		22						3
Puri	RY	OFC	WOE	Paddy straw mushroom cultivation	1	1		6						19
Puri	RY	OFC	WOE	Oyster mushroom cultivation	1	1		16						9

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
Puri	Bee keeping - A profitable enterprise	Enterprise	Entrepreneurship development	5		1	1	8				
Puri	Income generation through milk product processing & marketing	Enterprise	Dairy	5	2	3	1	4				
Puri	Oyster mushroom cultivation	Enterprise	Mushroom cultivation	1		16						6
Puri	Paddy straw mushroom cultivation	Enterprise	Mushroom cultivation	1		6						19

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	
Puri	Vegetable seedling raising in agroshadenet	F/FW	50	5	
Puri	Nursery raising in polyhouse for commercial purpose	RY	20	4	
Puri	Commercial marigold tuberose cultivation	RY	20	8	
Puri	Improved cultivation practices of Capsicum cultivation	F/FW	25	5	
Puri	Scientific method of Banana cultivation	F/FW	25	12	
Puri	Pointed gourd cultivation in triangular staking system	F/FW	25	7	
Puri	Bee-keeping - A profitable enterprise	Apiary	2	2	
Puri	Ornamental fish farming	Aqua shop	10	20	
Puri	Rearing of fry and fingerling	Fish seed production centre	14	32	
Puri	Production of fingerling and staunted fingerling	Fish seed production centre	9	17	
Puri	Quail farming	F/FW	25	0	
Puri	Backyard poultry farming	F/FW	25	2	
Puri	Emu farming	F/FW	25	0	
Puri	Duck farming	F/FW	25	2	
Puri	Dairy farming	F/FW	25	1	
Puri	Goat & sheep farming	F/FW	25	2	
Puri	Income generation through dairy farming	RY	20	1	
Puri	Income generation through poultry farming	RY	20	1	
Puri	Income generation through Badi, Papad and pickle making	Homestead unit - F/FW	5	30	10

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	
Puri	Income generation activities through coir rope production	Coir preparation unit-F/FW	3	15	10
Puri	Income generation activities through Insence stick making	Homestead unit - F/FW	5	20	5
Puri	Income generation activities through applique work	Applique work unit	5	20	3
Puri	Oyster mushroom cultivation	Oyster Mushroom	20	30	2
Puri	Paddy straw Mushroom cultivation	Paddy straw Mushroom unit	50	500	30
Puri	Importance of Nutrition gardening in backyards	Backyard nutrition garden	5	20	10
Puri	Importance of green leafy vegetables in our daily diet	Backyard gardening	20	20	

Table 5.4. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbre-viation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Dura-tion (days)	No. of courses	No. of Participants								Spon-soring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Puri	Feeding management in Fisheries	FIS	Feed and feeding management	FW	2	1	25								ATMA, Puri	2000
Puri	White flies manage-ment in Brinjal	PLP	Integrated Pest Management	FW	2	1	25								ATMA, Puri	2000
Puri	Leaf curl manage-ment in Papaya	HOP	Integrated Pest Management	FW	2	1	25								ATMA, Puri	2000
Puri	Cutworm manage-ment in Blackgram	CP	Integrated Disease Management	FW	4	2	50								ATMA, Puri	4000
Puri	Organic Paddy cultivation	CP	Organic farming	FW	2	1	25								ATMA, Puri	2000

Table 5.5 Training Programmes for Panchayatiraj Institutions Office-bearers & members

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Dura-tion (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		

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

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Puri	Vegetable seedling raising in agro shade net for higher income generation	50	25	46	21000	30000	10500	15000	(5) (84, 43, 43)
Puri	Nursery raising in polyhouse for commercial purpose	20	20	34	22000	40000	11000	20000	(5), (70, 82, 82)
Puri	Commercial marigold tuberbose cultivation	25	60	90	87	106	62400	85300	(4) (8) (50, 22, 37)
Puri	Pointed gourd cultviation in triangular staking system	25	55	85	185	256	122600	267000	(12) (7) (54, 38, 117)
Puri	Improved cultivation practices of Capsicum	25	40	75	86.5	110.2	87,550	116600	(5) (5) (60, 27, 33)
Puri	Disease & pest management in potato	25	35	60	200	260	180000	250000	(40) (70), (71, 30, 39)
Puri	IPM in Brinajal	25	20	35	270	310	123000	150000	(20) (35) (70,15,20)
Puri	Disease & pest management in Greengram	25	41	79	5.5	7.25	11,000	17,000	(30) (40) (92,32,55)
Puri	Disease & pest management in Betelvine	25	30	55	2460000	1600000	734000	1585000	(5) (12) (83,54,115)
Puri	Pre stocking pond management	25	20	45	16	21	74500	87600	(78) (63) (125, 25, 17.58)
Puri	Water quality management in fish pond	25	15	40	17	20	76900	86400	(84) (97) (67,18,12)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Puri	Mulitple stocking and harvesting in pond culture	25	15	50	14	30	71600	124800	(35) (46) (233,114,74)
Puri	Feeding management for crap culture	25	25	55	13	25	69600	108400	(46) (67) (120,92,56)
Puri	Fish disease and their management	25	10	35	16	23	75400	96400	(43) (67) (250,44,28)
Puri	Production of fingerling and stunted fingerling	25	15	50	16	24	76600	98600	(67) (87) (233,50,29)
Puri	Fish cum duck farming	25	25	60	14	21	73000	80000	(85) (112) (140,50,6)
Puri	Ornamental fish farming	15	10	25	0		0	3500	
Puri	Rearing of fry and fingerling	15	25	55			34500	72800	
Puri	Care and management of livestock in flood affected area	25	40	90	-	-	-	-	(10) (20) (90,0,0)
Puri	Advantages of artificial insemination for better milk production	25	12	79					(14) (22) (80,0,0)
Puri	Requirement of fodder and balance nutrition in milk production	25	8	72	0.5	1	100	120	(2) (12) (90,50,20)
Puri	Importance of vaccination in livestock	25	4	92					(15) (80) (18,0,0)
Puri	Importance of deworming in livestock	25	3	91	6.8	7.9	1489	1951	(22) (80) (21,16,31)
Puri	Quail farming	25	2	70	0	100	0	200	(2) (24) (90,100,200)
Puri	Backyard poultry farming	25	60	90	100	200	72	150	(5) (23) (95,100,97.5)
Puri	Emu farming	25	10	70	0	400	0	560	(.5) (1) (70,400,560)
Puri	Duck farming	25	55	85	100	150	40	60	(3) (18) (90,50,66)
Puri	Dairy farming	25	40	90	5	7	40	60	(8) (12) (17,40,50)
Puri	Goat and sheep farming	25	40	90	6.5	7	1400	1900	(4) (21) (82,7,35)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Puri	Importance of Azolla farming in livestock production	25	30	85	3	6	60	120	(.05) (18) (80,50,100)
Puri	Income generation through dairy farming	20	10	70	5	7	40	60	(8) (12) (17,40,50)
Puri	Income generation through Poultry farming	20	40	95	100	200	72	150	(5) (23) (95,100,97.5)
Puri	Importance of laboratory diagnosis for disease control	15	55	95					(43) (67) (250,44,28)
Puri	IPM in Greengram	25	28	54	7.9	10.1	13450	22250	(57) (50) (82, 28, 26)
Puri	Paddy straw mushroom cultivation	25	55	82	0.8	1.2	48	70	(5) (580) (49 , 66, 46)
Puri	Oyster Mushroom cultivation	25	22	66	1.5	2.2	32	60	(5) (260) (200 , 46, 87)
Puri	Preservation of fruits & vegetables(value addition)	15	45	82	40	46	10	30	(2) (100) (80, 200, 15)

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Puri	Field Day	27	7	108	60	28	20	10	3	Dissemination of improved technology	Agricultural and allied subject	Crop maturity stage and harvesting stage
Puri	Kisan Mela	2	1	100	300	25	75	20	5	Awareness	Latest technology	Crop stage
Puri	Kisan Ghosthi	12	0	0						Income generation	Livelihood	
Puri	Exhibition	5	3	1419	719	212	150	20	5	Dissemination of Improved technology	Latest technology	
Puri	Film Show	60	37	620	296	161	24			Awareness	Agriculture technology	
Puri	Method Demonstrations	8	8	160								
Puri	Farmers Seminar	1	0	0								
Puri	Workshop	0	0	0								
Puri	Group meetings	50	39	266	182	57	43			Awareness	Agricultural activity	
Puri	Lectures delivered as resource persons	15	9	262	91	62	47			Lecture delivered to update the knowledge	Agriculture technology	
Puri	Newspaper coverage	12	7	2500						Transfer of improved technology	Agriculture and allied subject	
Puri	Radio talks	14	5	500						Transfer of improved technology	Agriculture and allied subject	
Puri	TV talks	8	5	2500								
Puri	Popular articles	14	3	2500						Awareness	Agriculture and allied subject	
Puri	Extension Literature	15	8	4000						Improved technology	Agriculture and allied subject	
Puri	Farm advisory Services	70	170	273	103	77	50			Dissemination of improved technology and awareness	Agriculture and allied subject	
Puri	Scientific visit to farmers field	210	212	385	121	51	46			Field visit	Agriculture and allied subject	Different stages of crop
Puri	Farmers visit to KVK	350	214	128	41	27	18			Field related problem	Agriculture and allied subject	

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			
Puri	Diagnostic visits	150	130	322	141	27	14			Field visit	Agriculture and allied subject	Different stages of crop
Puri	Exposure visits	4	4	33	21	17	11					
Puri	Ex-trainees Sammelan	2	1	10	5	6	4			To assess the impact of training	Agriculture & allied subject	
Puri	Soil health Camp	2	1	30								
Puri	Aqua Health Camp	0	1	13				3				
Puri	Animal Health Camp	8	10	228	113	56	20			Animal health check	vaccination of animal disease	
Puri	Agri mobile clinic	0	0									
Puri	Soil test campaigns	4	2	100								
Puri	Farm Science Club conveners meet	4	0									
Puri	Self Help Group conveners meetings	2	1	30								
Puri	Mahila Mandals conveners meetings	0	0									
Puri	Celebration of important days (World environment day)	9	9	302	158	70	40	34		Dissemination of improved technology,Awareness	Agriculture and allied subject	

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
Puri	17.713	October 12-March 13	500	500
Puri	20.1.2014	April 13-September13	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Puri	Leaflet	Vaccination schedule of livestock	S.Ranabijuli	1000
Puri	Leaflet	Urea treatment of straw	S.Ranabijuli	1000
Puri	Leaflet	Post cyclone management in fishery	A.Swain	500
Puri	Leaflet	Post flood management in fishery	A.Swain	500
Puri	Leaflet	Talighera re murtika bisodhan	S.Baral	500
Puri	Leaflet	Pana phaslare roga poka O ehara parichalana	S.Baral	500
Puri	Leaflet	Pani paribare Bhutanu Janita Rogara Samanwita parichalana	S.Baral	500
Puri	Booklet	Rehabilitation of Farm women through cottage industry	S.Parichha & A.Swain	700
Puri	Booklet	Agricultural information booklet	S.Baral & S.Ranabijuli	2000
Puri	Folder	KVK Profile	SMSs & PC	500

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Puri	VCD	Farmers Fair cum Farmer Scientist interaction	1

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.)
Puri	Foundation	Paddy	Pooja	150	3,43,500	OSSC, Bhubaneswar	300
Puri	Foundation	Paddy	Ranidhan	150	3,43,500	OSSC, Bhubaneswar	300
Puri	T.L	Groundnut	Smruti	0.52	1976	Used in Groundnut decorticator Training programme	

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Puri	Seedlings	Papaya	Coorg Honeydew	3000	13,500	13	1.2
Puri	Seedlings	Papaya	Red Lady	1280	12,800	6	0.5
Puri	Seedlings	Capsicum	Carlifornia Wonder	15000	7,500	5	0.4
Puri	Seedlings	Tomato	Pusa Hybrid-1	3200	1,600	13	0.8

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

KVK Name	Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Puri	Bio Agents	Vermin		1000	500	2	
	Bio Agents						
Puri	Bio Fertilizer	Azolla	20		400	1	0.05
	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
Puri	Fish	Jayanti Rohu & Catala	Fingerling	10,500 (nos.)	42,000	26
Puri	Fish	Catala	Table Fish	2kg	200	1
Puri	Prawn	Scampi	Table Prawn	12,400	2480	12

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)
Puri	Not established	`		20	20	10	4000	20

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)
Puri	Not established			82	82	58		82

10. Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

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

11. Utilization of Farmers Hostel facilities: Not established

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

12. Utilization of Staff Quarters facilities: Not established

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
	-	-	-	-	-

13. **Details of SAC Meeting**

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Puri	20.8.2013	13	OUAT varieties should be used for different trials and demonstrations
Puri	20.8.2013	13	Different trials to be conducted to increase the milk production
Puri	20.8.2013	13	More training in yearling production and culture with yearling to be popularized in the farmers field as well as in KVK farm
Puri	20.8.2013	13	The trials and demonstrations should be more data oriented for evaluation in critical point
Puri	20.8.2013	13	Trials on feeding of different fodders to grass carp should be conducted
Puri	20.8.2013	13	Pointed gourd "Swarna Aloukik", capsicum "California Wonder", floriculture should be given more emphasis for popularization
Puri	20.8.2013	13	Value addition of oyster mushroom should be given more emphasis
Puri	20.8.2013	13	Trial to be conducted for control of mastitis in cow
Puri	20.8.2013	13	Success stories of the successful technologies should be prepared and published
Puri	20.8.2013	13	Yellow sticky trap should be popularized for control of sucking pests in pulse crops

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

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Puri	88	1017	6	Pacific Technology	Flood, Cyclone, Pl. Protection measure, Fertilizer application, Awareness, Animal care & feeding, Fish pond management & feeding, Mushroom cultivation, Nutritional gardening

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
Puri	ATMA	State	5,00,000	STR Programme	8 Blocks	
Puri	BGREI	State	70,814	Monitoring	All Blocks	
Puri	CSISA, IRRI	State		Demonstrations	4 Blocks	
Puri	DRWA	Central		Training	1 Blocks	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Puri	30356069907	225847	396016	396016

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Puri	Sj. Sanjeet Mohanty	Mushroom	ICAR	
Puri	Kailash Sahu	Fishery (IFS)	KVK	
Puri	Prakash Chandra Rout	High value crop capsicum	KVK	
Puri	Rabindra Kumar Rout	Animal Science	KVK	
Puri	Naba Kumar Pani	Fishery Entrepreneur	KVK	
Puri	Bhagirathi Barik	vegetable	Hort. Dept	

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	Puri	Yes	DES

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Puri	Crop Cafeteria	Fodder unit, High value crop (Capsicum, Cabbage, Off Season Onion, Babycorn), Groundnut, Nutritional Garden,(Bean, Greens, Tomato, Potato, Cowpea)
Puri	IFS	Fishery, Papaya, Banana, Coconut, Vermicompost, Azolla, Ornamental fish, Babay corn, Fodder, Groundnut
	Visitors Gallery	
	Technology Exhibition	
	Technology Gate-Valve	

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
Puri	Nutritional gardening & nursery for seedlings and saplings	0.2 ac

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	Puri	Sanjeet Mohanty	All season spawn production, Straw cutting machine	Jaispatna, Pipili, 9437278721
2	Puri	Nabakishore Swain	Polyculture & IFS	Barakera, Delanga, Puri, 9938749226
3	Puri	Santosh Kumar Mishra	Spawn Production	Pipili, Puri, 9937310303
4	Puri	Kailash Chandra Sahoo	Fingerling production & IFS	Subaranapur, Gop, Puri, 9938083617
5	Puri	Bhagirathi Barik	Olericulture, Mushroom	Dalabhanpur, Nimapara, 9238574207
6	Puri	Ratikant Routray	Goat Farming	Godarhi, Delang
7	Puri	Mahendra Behera	Betelvine	Samakula, Gop, 9777342269
8	Puri	Nirmala Jena	Fishery	Anthara, Nimapara, 9658403059
9	Puri	Mrs. Mamata Poojapanda	IFS(Goat, Fishery, Poultry)	Chaitana, Gop, 9861045242
10	Puri	Chandrasekhar Behera	Mushroom spawn	Biswanathapur, Satyabadi, 9437653586
11	Puri	Banamali Pradhan	Pointed Gourd, Triangular standing	Dumukipur, 9040539794
12	Puri	Prakash Chandra Rout	Capsicum	Analpur, Nimapara
13	Puri	Sanjay Kumar Behera	Potato	Kusumeswar, Satyabadi
14	Puri	Purna Chandra Jena	Potato	Sarbapada, Nimapara
15	Puri	Pathani Jena	Spinegourd, Papaya	Laxinarayanpur, Pipili
16	Puri	Hadibandhu Sahoo	Babycorn	Satasankha, Pipili
17	Puri	Rabindra Kumar Bhanja	IFS(Paddy, Greengram, Blackgram, Okra, Spindgourd, Cucumber, Pumpkin, Brinjal, Chilly, greens, turmeric, bittergourd, Mango, Jackfruit, coconut, Poultry, Dairy, Duckling)	Atheisha, Satyabadi, 9861511468

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
Puri	25.8.13, Coconut Development Board, Bhubaneswar,	20
Puri	16.10.13, World Food Day, Kajipur	50
Puri	12.11.13, Exposure Visit	10
Puri	4.12.13, Women in agriculture, Khanijipur	50
Puri	17.12.13, SHG Convenors meet, Sriramchandrapur	25
Puri	18.12.13, Extrainee Samelean	25

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
Puri	20.12.13, Agri-Entrepreneurship meet, Alarapur	25
Puri	21.12.13, Farmers-Scientist interaction, Oterkera	61
Puri	21.1.14, Farmers scientist interaction, Gop, Subranapur	80
Puri	7.2.14, Drudgery reduction in farm women by DRDA, Puri	50
Puri	21.2.14, Post Harvest value addition, Dept. of Horticulture (Mrs. M.Swain & Mrs. B.Mishra)	60
Puri	19.2.14, Banana cultivation (Mr. S.Baral,& Mr. S.Paramaguru, Dept. of Horticulture)	60

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Puri	8	3	45	44

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

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
Puri	Khorda	Knowledge, Inputs	
Puri	Jagatsingpur	Knowledge, Inputs	

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Puri	Prof. Manoranjan Kar	7.5.2013		OUAT		Honble Vice Chancellor
Puri	Prof. Manoranjan Kar	20.8.2013		OUAT		Honble Vice Chancellor
Puri	Prof. S.S.Nanda	20.8.2013		OUAT		Dean, Extension Education
Puri	Prof. S.S.Nanda	25.3.2014		OUAT		Dean, Extension Education

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Puri	Prof. S.S.Nanda	21.1.2014		OUAT		Dean, Extension Education
Puri	Sj Prasad Harichandan	13.05.2013			State Govt	Honble MLA, Satyabadi
Puri	Sj Samir Das	21.01.2014			State Govt	Honble MLA, Nimapara
Puri	Sj. Naba Ku. Nayak, IAS	20.8.2013			State Govt	Collector and District Magistrate
Puri	Dr. S.K.Panda	10.6.2013			GOI	APO (Oilseed)
Puri	Dr. Karanjit Singh Ngangbar	10.6.2013			MOA	Asst Director
Puri	Prof. S.K.Rout	12.7.2013		OUAT		Director Project Monitoring Evaluation
Puri	Prof. L.N.Kar	21.01.2014		OUAT		Ex Director

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Puri	01.04.2012	9	500

26. E-CONNECTIVITY

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No. of lectors organized by KVK	Brief achievements	Remarks
	Date	No. of Staff attended	No. of call received from Hub	No. of Call mate to Hub by KVK			
Puri							Not established

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	**Puri**	**0**	**0**	

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1	Puri	420	420	

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Puri	Dr. S. Ranabijuli	SMS (Animal Sc.)	1	Jabalpur

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Puri	1	1

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Puri	Prasant Kumar Sahoo	Programme Assistant (Computer)	1	
Puri	Dr. A.K. Swain	Programme Coordinator	2	
Puri	Dr. S. Parichha	SMS (Home Sc.)	1	
Puri	S. Paramaguru	SMS (Ag. Extn.)	1	
Puri	Dr. S. Ranabijuli	SMS (Animal Sc.)	2	
Puri	M. Swain	Programme Assistant	1	
Puri	N. Sasmal	Programme Assistant	1	
Puri	B. Mishra	SMS (Hort.)	1	
Puri	S. Baral	SMS (Pl. Prot.)	1	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Puri	9	11

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

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks
Puri	Dr. Anil Kumar Swain	Programme Co-ordinator	1	
Puri	Dr. Siddharth Ranabijuli	SMS(Animal Sc.)	1	
Puri	Babita Mishra	SMS(Horticulture)	2	

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Puri	3	4

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

Name of KVK	Alert observed	Particulars	Reported to organization

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Puri	Aqua Health Camp	1	16	Pisciculture
Puri	Self Help Group Convenor meet	1	25	Mushroom
Puri	Ex-trainees Samelean	1	25	Vegetables
Puri	Agri-Entrepreneurship meet	1	25	Groundnut, Greengram, Blackgram
Puri	Farmer Scientist interaction	1	61	Disease and pest management
Puri	Video show	1	150	
Puri	PP Awarness programme	1	40	

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

Farmers-scientists interaction on livestock management

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

Animal health camps organized

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

Seed distribution in drought hit states

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

Seedlings and Saplings distributed

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

Bio-control Agents

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

Bio-Fertilizer

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

Verms Produced

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

Large scale adoption of resource conservation technologies

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

Awareness campaign

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

35. Proposal of NICRA

1. **Technologies to be Demonstrated**

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

2**. Proposed Extension Activities in NICRA Village**

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

3. **Proposed Training Activities in NICRA Village**

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

4**. Proposed Activities for Fodder Bank**

Established (Years)	Capacity	Current Status

5. **Proposed Activities for Seed Bank**

Established (Years)	Capacity	Current Status

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

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

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

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

37. Case study / Success Story to be developed – Two best only in the following format
Name of the KVK, TITLE, Introduction, KVK intervention, Output, Outcome, Impact

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Puri	6	

Krishi Vigyan Kendra, Puri

DAIRY FARMING

Sri Rabindra Kumar Rath, Village: Dasbidyadharpur, Po- Bhimpur, Dist-Puri

Profile		**Description of the Farmer**
Age	42	**Introduction:** Sri Rabindra Kumar Rath adapted dairy farming 12 years ago when he started the endeavour with only 2 deshi cattle. Later he increased this farming system with improved cross breed cattle. But the major hurdle came as the nutrition management. From his 0.5Ac land used for paddy farming enough straw was produced for year round consumption of the cattle but it was never proved to be enough for better milk production. **Intervention** With the intervention of KVK, Puri he adapted azolla farming and probiotic – prebiotic mixture feeding as an feed supplementation. After feeding the advised supplement the production improved from 20lit to 25 lit of milk per day. Along with quantity of the milk the quality improved substantially which was evident from milk Fat and SNF %. The market value of the milk increased which fetched more profit for him. **Output:** a. Paddy – Rs. 9600/- b. Retail shop – Rs.60000/- c. Coconut Orchard – Rs.5000/- d. Dairy – Rs. 1,20,000/- Total Income/Annum = Rs. 1,94,600/-
Education	Graduation	
Landholding	0.7Ac	
Farming experience	12 years dairy farming	
Crops grown	Paddy, Coconut	
Livestock	Dairy	
Social recognition		

Krishi Vigyan Kendra, Puri

A SUCCESSFUL AGO-ENTREPRENEUR

Sri Purna Chandra Jena, Village: Sarbapada, P.O:Bishnupur, G.P: Villigram, Block: Nimapara, Mobile : 9337797290

Profile		**Description of the Entrepreneur**
Age	59 Years	**Introduction:** Sri Purna Chandra Jena as progressive farmer of village Sarbapada, block Nimapara under Puri district is having total cultivated area of 2.8 ha. Initially he used to grow only paddy crop in 1.6 ha of land in kharif season and used to get net profit of Rs.20,000/- by investing Rs.10,000/ha only. **Intervention:** During diagnostic field visit, Sri Jena came in contact with KVK scientists and participated in various training programmes on field crops and vegetable crops conducted by KVK scientists. As per their suggestions and as per the soil test based reports he started cultivating different crops such as Groundnut, Greengram, Potato in rabi season in an area of 2.8 ha. In rabi 2011-12 he cultivated greengram in 1.2 ha, groundnut in 1.2ha and potato in 0.4ha of land scientifically .By doing scientific method of cultivation he got a yield of 5qtls of greengram/ha, 25qtls of groundnut/ha, 191qtls of Potatoes/ha of land. **Output:** From 1.2ha of greengram, he has got net income of Rs.24000/-by investing Rs.6000/-, from groundnut he has got Rs.72000/- as net profit against the expenditure of Rs.18000/- and from Potato he has got net income of Rs.30000/- by investing Rs.16000/- towards the cost of cultivation. In kharif 2012, he cultivated paddy varieties like Pooja, Swarna Mashuri, CR-1009, CR-1014 in 2.4 ha of land. He has got net profit of Rs.60,000/- by investing Rs.60,000/- towards the cost of cultivation. He got a yield of 42qtls of Paddy/ha of land. **Impact:** In the year 2012, Sri Purna Chandra Jena has got net profit of Rs.1,56,000/- by investing Rs.1,00,000 in an area of 2.8 ha of his cultivated land. He has now become an exemplary for fellow farmers of the nearby villages.
Education	I.A. Pass	
Landholding	7 AC	
Farming experience	29 years	
Crops grown	Paddy, Groundnut, Greengram, Potato	
Livestock	Cow, Poultry	
Social recognition	Member ATMA	

Krishi Vigyan Kendra, Puri

VEGETABLE BASED FARMING SYSTEM

Sri Bhagirathi Barik, Village: Dalabhanpur, Block-Nimapara, Mobile- 9238574297

Profile		**Description of the farmer**
Age	44 Years	1. Mr. Bhagirathi Barik as progressive farmer and graduate by education unlike of many educated people taken of farming as his livelihood at an young age Mr. Barik followed the foot steps of his father and took up vegetable farming as his main source of income. He has been growing the vegetable based farming system since 24 years in his 8 Ac. land. He came in contact with KVK scientist during a training programme held at DAO office campus, Nimapara. He was influenced by the scientist and followed all the improved technology provided by them. 2. In 2012-13 Kharif season, he had grown Brinjal in 1 acre, ladies finger in 1 acre and paddy in 5 acre following all scientific management practices. He earned a net profit of Rs.1,38,000 with an expenditure of Rs.1,05,000/-. During Rabi season he had grown cauliflwoer in 2 acre, cabbage in 1 acre, red cabbage in 1 acre, Brocolli in 1 acre and greengram in 2 acre and earned a net profit of Rs.2,72,000/- with an investment of Rs.1,10,000/- . During 2012-13 he invested an amount of Rs.2,15,000/- and got net profit of Rs. 4,10,000/- from vegetables and paddy crops from his 8 acres of land.
Education	Bachelor in Arts	
Landholding	8 AC	
Farming experience	5 years	
Crops grown	Paddy-Vegetables, Pulses	
Livestock	Cow	
Social recognition	Member of ATMA committee, Nimapara	

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) –