ANNUAL PROGRESS REPORT

KRISHI VIGYAN KENDRA, PURI

April 2016 to March 2017

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. **Grey color cells in summary table need not to be filled.**
13. **Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).**
    Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).
    Fruits :- Mango, Guava, Custard apple, Pear etc.
    Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.

REPORTING PERIOD – April 2016 to March 2017

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2016-17

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	**On Farm Testing**			
	Proposed OFT	**21**	163	
	On Going OFT	**6**	52	
	Technologies assessed (Completed OFT)	**14**	106	
	Technologies refined	**1**	20	
	On farm trials conducted	**20**	169	
2	**Frontline demonstrations**			
	Proposed Frontline demonstrations	26	515	
	On Going Frontline demonstrations	4	33	
	FLDs conducted on crops	14	431	
	Area under crops (ha.)	182.7	505	
	FLD on farm implement and tools	0	0	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	3	49	
	FLD on Fisheries - Finger lings	3	20	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	5	27	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	4	33	
3	**Training programmes**	**No. of Course**	**Duration (days)**	**Participants**
	Farmers	30	35	750
	Farm women	6	9	150
	Rural youth	2	2	40
	Extension personnel/ In service	3	4	60
	Vocational trainings	6	30	120
	Sponsored Training	-		
	Total	47	80	1120
		No. of programmes	**Participants**	
4	**Extension Programmes**	49	4223	
5	**Production of technology inputs etc**	**Qty**	**Beneficiaries (nos.)**	
	Seed (qt.)	600+12.8	2	
	Planting material produced (nos.)	20200	32	
6	**Livestock**	**Qty**	**Beneficiaries (nos.)**	
	Livestock strains (Nos)			
	Milk Yield - Cow, Buffelo etc. (in liter)			
	Fish (Kg.)	50kg	10	
	Fingerlings (nos.)	9200	10	

	Poultry-Eggs (nos.)			
	Ducks (nos.)			
	Chicks etc. (nos.)			
7	**Bio Products**	**Qty**	**Beneficiaries (nos.)**	
	Bio Agents -Earth worm (Kg.)	1kg	5	
	Trichoderma (kg.)			
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	**Azolla-40 kg**	32	
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)			
8	**Any other significant achievement in the Zone**	**Nos.**	**Participants/ beneficiaries**	
	Award (Best KVK award and scientist and farmer's award)			
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)			
	KVK News letter	3	1500	
	SAC Meetings conducted	1	30	
	Soil sample tested	537	1338	
	Water sample tested	133	96	
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	NA		
	KVK-KMA (Message and beneficiaries)	55	68535	
	Convergence programmes	2	200	
	Sponsored programmes	0	0	
	KVK Progressive Farmers interaction	13	302	
	No. of Technology Week Celebrations	0	0	
	Attended HRD activities organized by ZPD	6	6	
	Attended HRD activities organized by DES	0	0	
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	1	1	
9	Current status of Revolving Funds (Amt. in Rs.)			
10		**No. of blocks**	**No. of villages**	
	Outreach of KVK in the District	11	94	
11		**ICAR**	**SAU**	**Others**
	No. of important visitors to KVK (nos.)	2	5	4
12		**Working (Yes/No)**	**No. of Update**	
	Status of KVK Website	Yes	25	
13		**Application received**	**Application disposed**	
	Status of RTI (nos.)	3	3	
14		**Query received**	**Query dissolved**	
	Citizen Charter (nos.)	0	0	
15		**Working (Yes/No)**	**No. of programme viewed**	
	E-connectivity	NA	NA	
16		**Filled**	**Vacant**	

	Staff Position	16	0
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	21	
18	Publication received from ICAR /other organization (nos.)	5	
19		**Particulars**	**Organization**
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	0	0

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2017

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	6	3	3	6	6	16	16

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
PURI	Programme Coordinator	Dr.Anil Kumar Swain	Fishery Sc	Ph.D	Fishery Sc	15600-39100	18580 +8000	31.08.12	Temporary	Others
PURI	Subject Matter Specialist1	Dr. Anita Mohanty	Horticulture	Ph.D	Horticulture.	15600-39100	23411+6000	13.08.14	Temporary	Others
PURI	Subject Matter Specialist2	Sri Samarendra Barala	Plant Protection	M.Sc	Plant Protection	15600-39100	23070 +6000	19.01.11	Temporary	Others
PURI	Subject Matter Specialist3	Mrs.Jyotirmayee Udgata	Home Science	M.Sc.	Home Sc.	15600-39100	23950 +6000	19.6.16	Temporary	Others
PURI	Subject Matter Specialist4	Dr.Sangram Paramaguru	Agril. Extn.	Ph.D.	Agril. Extn.	15600-39100	19810 +6000	1.5.11	Temporary	Others
PURI	Subject Matter Specialist5	Dr.Sidhartha Ranabijuli	Animal Science	M.V.Sc.	Animal Science	15600-39100	18320 +6000	12.12.12 Temporary	Temporary	Others
PURI	Subject Matter Specialist6	Sri Sukumar Taria	Plant physiology	M.Sc.	Plant physiology	15600-39100	16250 +6000	15.06.2015	Temporary	SC
PURI	Programme Assistant	Sri Pradipta Majhi	Soil Sc.	M. Sc	Soil science	9300-34800	10130 +4200	28.12.15	Temporary	Others
PURI	Farm Manager	Mrs Neeva	Plant	M.Sc.	Plant	9300-	9300	29.12.15	Temporary	Others

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
		Mohapatra	physiology		physiology	34800	+4200			
PURI	Computer Programmer	Mrs Puspanjali Mishra	Computer	B Level	Information Technology	9300-34800	14530 +4200	17.08.15	Temporary	Others
PURI	Accountant / superintendent	Sri Bhagirathi Sahoo	-	B.A	-	9300-34800	15560+4600	12.07.16	Regular	Others
PURI	Stenographer	Sri Bibhu prasad Dash	-	B.A.	Stenography	5200-20200	7860 +2400	1.8.12	Temporary	Others
PURI	Driver	Sri Nirakar Pradhan				5200-20200	7400 +1900	1.09.15	Temporary	Others
PURI	Driver	Sri Jitendra Pradhan				5200-20200	7400 +1900	12.08.16	Temporary	Others
PURI	Supporting staff	Sri Babaji Sethi				4440-7440	5820 +1500	7.8.08	Temporary	SC
PURI	Supporting staff	Sri Brajabandhu Sahani				4440-7440	5820 +1500	8.8.08	Temporary	Others

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

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
PURI	East and South East Coastal Plain zone	11	230	1697983	78.4	278399	148935	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	Otekera	2014-15	Satyabadi	15	350	89
PURI	Gopalpur	2016-17	Nimapara	20	108	28
PURI	Othaka	2016-17	Kakatpur	65	705	95
PURI	Adhangapada	2016-17	Pipili	25	125	50
PURI	Anandpur (Panashapada)	2016-17	Krushnaprasad	45	250	48

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

KVK Name	THRUST AREA
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 and organic farming
Puri	Farm mechanization for timely operation and save high Labour cost
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	Aquatic weed infested pond
Puri	Inland Water Bodies for multiple production
Puri	Resources for multiple cropping
Puri	Coconut orchard for intercrop
Puri	Promotion of coir industry
Puri	Promotion of agro eco tourism
Puri	Promotion of brackish water prawn export
Puri	Organic farming

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 commercial cultivation of flower	Group discussion, farmer interaction	All Blocks
Puri	Less Commercial planting material production in vegetable	Survey, Diagnostic filed visit,	All Blocks
Puri	Severe disease infestation in papaya field	Diagnostic filed visit	All Blocks
Puri	Unutilized space in fruit orchard	Survey	All Blocks
Puri	Prevalence of disease in dairy animals	Group discussion, farmer interaction	All Blocks
Puri	Injudicious use of Anthelmintic for Endo parasite control	Diagnostic filed visit, Group discussion,	All Blocks
Puri	High cost of feed in dairy animals	Survey, Diagnostic filed visit	All Blocks
Puri	Lack of awareness in fodder and azolla cultivation	Survey	All Blocks
Puri	Non availability of sufficient fish seed, stunted fingerlings	Survey, Group discussion, meeting	All Blocks
Puri	Low fish production, less productivity from unit pond based farming system	Diagnostic filed visit, farmer interaction	All Blocks
Puri	Less involvement of rural youth in income generation through fishery activities	Group discussion, farmer interaction	All Blocks

2. On Farm Testing (OFT)

Note-

- **Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.**
- **Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.**
- **Don't press enter key to navigate among column use arrow or tab key**
- **don't add space before or after statement within the table cell**
- **Kindly mention realistic estimated yield of your crop under trail.**
- **If crop has been not yet harvested, mark it * on that**

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)	T3	FP (T_1)	RP (T_2)	T3	
Puri	2016	Kharif	Low yield due to local variety	Assessment of paddy varieties for low land	Assessment	Varietal evaluation	Paddy	Low land	12	33	34.49	40.27, T4-40.31	11036	20528	19184	CR505 is better than other varieties
Puri	2016	Kharif	Low production due to salt stress	Assessment of salinity tolerant paddy varieties	Assessment	Varietal evaluation	Paddy	Low land	12		35.2	39 T4-40.4	-	16030	21350 T4-23310	Luna Sampad is better than other varieties
Puri	2016-17	Rabi	High weed infestation	Assessment of weed management in groundnut	Assessment	Varietal evaluation	Groundnut	Medium land	5				34645	37845	54195 T4-55445	Hand weeding and pre emergence post emergence

																weedicide is very effective
Puri	2016-17	Rabi	Low production from non compatibility crop sequence	Assessment of cropping system	Assessment	Crop production	Crop		7	Continuing						
Puri	2016-17	Rabi	Low yield in their own shed	Assessment of cultivation betel vine under shade net	Assessment	Protected Culture	Beetle vine		7	Continuing						
Puri	2016-17	Rabi	Unutilized inter space in coconut orchard	Assessment of crops under coconut orchard	Assessment	Intercrop	Pine apple		7	Continuing						
Puri	2016-17	Rabi	Low yield in chilli due to mortality of seedling	Assessment seedling raising in portray	Assessment	Varietal evaluation	Chilli		7	Continuing						
Puri	2016	Kharif	Low yield due to heavy infestation of leaf folder	Assessment of Integrated Pest Management of leaf folder in paddy	Assessment	IPM	Paddy		7	55.57	52.5	66.62	34741	29950	46306	IPM in paddy for leaf folder is effective
Puri	2016	Kharif	Severe leaf minor infestation posses	Assessment of Integrated Pest Manageme	Assessment	IPM	Tomato		7	Continuing						

			defoliation and death of plant	nt of leaf minor in tomato												
Puri	2016-17	Rabi	Low yield due to severe blight disease infestation	Assessment of alternaria blight disease management in cucumber	Assessment	Integrated disease management	Cucumber		7	Continuing						
Puri	2016-17	Rabi	Stunted growth, yellowing of leafs and no flowers and fruits	Assessment of YMV management in greengram	Assessment	IPM	Green gram		7	Continuing						
Puri	2016-17	Kharif &Rabi	Non availability of technical knowledge in critical time	Assessment on the effectiveness of using different	Assessment	CBD	ICT tools		20	36	42	-	14920	22530	-	Sending of message in proper
Puri	2016-17	Kharif &Rabi	Non use of ICT tools for Agriculture and farming activities lead	Assessment of the effectiveness of using different ICT tools for technology application	Assessment	CBD	Mushroom		20	1 kg	1.2 kg	-	Rs.80/ bed	Rs.104/ bed	-	Sending of message in proper time in mushroom cultivation
Puri	2016	Kharif	No/improper supplement feed	Refinement of bypass protein feeding on	Refinement	Livestock production	Dairy		20	11.8 lit/day	12.0 lit/day	12.6 lit/day	142/day	158/day	258/day	By pass protein feeding improves

				milk production of dairy cattle		management										milk quality and quantity. Fetches more price
Puri	2016-17	Rabi	Malnutrition due to unavailability of proper grazing material	Assessment on concentrate supplementation for body weight gain of kids during lean periods	Assessment	Livestock production management	Goatery		10	Continuing						
Puri	2016-17	Rabi	High rate (40%)of subclinical mastitis in high yielder	Assessment of bovine mastitis control measures on enhancing milk production	Assessment	Livestock production management	Dairy		20	Continuing						
Puri	2016	Kharif	More Wastage of feed	Assessment of feed for finger ling production	Assessment	Seed production	Fisheries		5	Continuing						
Puri	2016	Kharif	Poor natural plankton	Assessment of liquid organic manure in aquaculture	Assessment	Production and management	Fisheries		5	16.3	19.3	-	93700	13800	-	Healthy plankton production with the application of formented manure and biofert

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 paddy varieties for low land	No of Tiller, Plant Height, panicle length	18	22,129.2 ,27.1 T3-25,178.2 ,29.8 T4-28, 112.56, 26.2	35250	37250	37250, T4-37250	44800	48286	57778 T4-56434	9550	11036	20528 T4-19184	1.27	1.29	
Puri	Assessment of salinity tolerant paddy varieties	No of Tiller, Plant Height, panicle length	14	18, 152.6, 23.58 T3-20, 151.2, 24.82 T4-22,134.6, 26.7	33250	33250	33250, T4-33250	42000	49280	54600 T4-56560	8750	16030	21350, T4-23310	1.26	1.48	
Puri	Assessment of weed management in groundnut	Yield /ha	16.8	18.0 T3-22/ T4-22.5	32555	34155	33805, T4-3455	67000	72000	88000 T4-90000	34645	37845	54195, T4-55445	2.06	2.1	
Puri	Assessment of cropping system	Continuing														
Puri	Assessment of cultivation betel vine under shade net	Continuing														
Puri	Assessment of crops	Continuing														

	under coconut orchard															
Puri	Assessment of seedling raising in protray	Continuing														
Puri	Assessment of Integrated Pest Management of leaf folder in paddy	yield q/ha	55.57		37500		39000	72241		85306	34741		46306	1.92		
Puri	Assessment of Integrated Pest Management of leaf minor in tomato	Continuing														
Puri	Assessment of alternaria blight disease management in cucumber	Continuing														
Puri	Assessment of YMV management in greengram	Continuing														
Puri	Assessment of	Yield kg/bed	1.0	1.2	Rs 40/b	Rs 40/bed	-	Rs 120/be	Rs 144/b	-	Rs 80/bed	Rs 104/bed	-	3.0	3.6	-

	producer group in providing better marketing avenues in mushroom cultivation				ed			d	ed							
Puri	Assessment on the effectiveness of using different ICT tools for technology application	Panicle height	18	22	-	35840	36690	-	50760	59220	-	14920	22530	-	1.41	1.61
Puri	Refinement of bypass protein feeding on milk production of dairy cattle	milk yield (Lit/day)	11.8	12	12.6	94	106	120	236	264	378	142	158	258	2.5	2.49
Puri	Assessment on concentrate supplementation for body weight gain of kids during lean	Continuing														

	periods															
Puri	Assessment of bovine mastitis control measures on enhancing milk production	Continuing														
Puri	Assessment of feed for fingerling production	Continuing														
Puri	Assessment of liquid organic manure in aquaculture	Plankton ml/50ltr	1.5	3.2	50800	71200	-	148500	202000	-	93700	130800	-	2.7	2.83	-

2.3 Information about Home Science OFT: (For All Thematic Area)

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	2016	Kharif	Low yield due to use of degenerated local strain	Assessment of high yielding strains of paddy straw mushroom (V.volvaceae)	Assessment	Income generation	T2- OSM-11 T3-OSM - 12	High yielding strains of paddy straw mushroom (V.volvaceae)	Home stead	10	Cultivation in low cost unit in bamboo racks will give better yield than prevailing situation of cultivation in open condition

Puri	2016	Kharif	Grain loss and low income due to pulse beetle infestation	Assessment of store grain pest management in green gram	Assessment	Store grain pest management	T2- TNAU trap T3- PCI Pro Super bag	TNAU trap: A perforated cylindrical trap having a disc at the top and a plastic streamlined detachable cap at the other end to trap pulse beetles Pro Super Bag: A specially designed polythene bag to prevent pulse beetle infestation	Home stead	10	Pro super bag is more effective than TNAU trap in preventing pulse beetle infestation
Puri	2016-17	Rabi	Low yield from local variety	Assessment of onion production by women for livelihood	Assessment	Income generation	T2-Agri found light red T3- KSP-1700	High yielding varieties	Irrigated	10	-

2.4 (A) Economic Performance Home Science OFT: (For –Post harvest management)

KVK name	OFT Title					Performance Indicator / Parameter									
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

2.4 (B) Economic Performance Home Science OFT: (For Income Genration)

KVK name	OFT Title	Performance Indicator / Parameter																
		Production per unit			Cost of input			Incremental income			Yield(Kg/ha)			Net Return			Saving in Rs	BC ratio
		T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3		
Puri	Assessment of high yielding strains of paddy straw mushroom (V.volvacea)	0.66 kg/ bed	0.73 kg/ bed	0.77 kg/ bed	50 Rs/ bed	50 Rs/ bed	50 Rs/ bed	79 Rs/ bed	88 Rs/ bed	92 Rs/ bed	0.66 kg/ bed	0.73 kg/ bed	0.77 kg/ bed	29 Rs /bed	38 Rs/ bed	42 Rs/ bed	T2: Rs 9/bed T3 : Rs 13/bed	T1-1.58 T2-1.76 T3-1.84
Puri	Assessment of store grain pest management in green gram	Grain loss 25%	Grain loss 8%	Grain loss 2%	20/ 50 kg	320/50kg	100/50 kg	1894/bag	2323/ bag	2475	37.5kg/bag (50 kg)	46 kg/bag (50 kg)	49 kg/bag (50 kg)	1874/ bag	2003 /bag	2375/ bag	T2: Rs.129/bag T3: Rs.501/bag	-
Puri	Assessment of onion production by women for livelihood		-	-	-	-		-	-		-	-		-	-		-	-

2.4 (C) Economic Performance Home Science OFT: NA

KVK name	OFT Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

2.4(D) Economic Performance Home Science OFT: (For Nutritional security)-NA

KVK name	OFT Title	Performance Indicator / Parameter		Nutrient Intake (Unit)				Anthropometric measurements		
		Name of	Per capita	Energy	Protein	Iron (mg)	Calcium	Increase in Weight	Increase in	Increase in

		vegetable/Fruit/Product		Consumption gm/ day		(kcal)		(gm)				(mg)		(Kg)		Height (cm)		BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Puri	Bypass protein feeding is highly profitable in high yielders
Puri	CR 505 is performing better than other paddy varieties. Thus need to be conducting multi location trial for assessing yield performance
Puri	Luna Sampad performs better than Luneeshree and Luna Suvarna. Thus need to be multi location trial for further assessment
Puri	The paddy straw mushroom starin OSM-12 is giving better yield than OSM-11 in open condition
Puri	Use of Pro super bag for pulse storage reduces grain loss up to 2%
Puri	For more Effectiveness the size of the TNAU trap can be enhanced to reduce the no. required per 50kg bag(i.e. 2trap/bag)
Puri	Farmers are satisfied with timely information and keep themselves updated with new technologies
Puri	Farmers are updated with market led extension in mushroom cultivation
Puri	Production of betel vine much better under shade net than the traditional system
Puri	Intercrop in coconut orchard utilise the unutilised space and also add extra income
Puri	Seedling raising in pro tray is easy for marketing
Puri	Leaf folder in paddy is better controlled by the application of combination of pesticide
Puri	Leaf Minor in tomato is effectively controlled by application of Trizophos and Abamectin
Puri	YMV in green gram is in controlled condition by IPM method
Puri	Liquid organic manure in agriculture performs excellent
Puri	Floating feed in fingerling production is better than the other feed

3. Achievements of Frontline Demonstrations (FLD)

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	Greengram	Integrated Disease Management	Demonstration of YVM Management in Greengram(Seed treatment with Imidacloprid 70% WS @ 5gm/kg seeds, installation of yellow sticky trap @ 40nos/ha need based spraying of	Training, Demonstration, Field day, Radio and TV programme	9	15	25

			Acetamaprid @0.5 g/lit)				
Puri	Groundnut	Integrated Disease Management	Demonstration of Collar rot disease management in Groundnut(Seed treatment with Trichoderma viride @ 4g/kg seeds, soil application of T. viride @ 25kg/ha and soil application of neem cake @ 2.5 q/ha and need based spraying of hexaconazol @ 2.5ml/lit)	Training, Demonstration, Field day, Radio and TV programme	15	20	30
Puri	Betelvine	Integrated Disease Management	Demonstration of foot rot disease management in Betlevine(Soil application with T. viride @ 10kg/ha and spraying of Thiophenate Methyl 1.5gm/lit	Training, Demonstration, Field day, Radio and TV programme	15	20	4
Puri	Fish	Varietal evaluation	Introduction of Jayanti Rohu Fingerling(Jayanti fingerling @2000/ha. and culture with other IMC)	Training, Demonstration, Field day, Radio and TV programme	15	40	15
Puri	Fish	Production and management	Introduction of Stunted Fingerling for multiple production (Stocking of stunted fingerling @5000/ha and feeding, manuring)	Training, Demonstration, Field day, Radio and TV programme	20	40	12
Puri	Fish	Feeding and management	Introduction of floating feed in carp culture(Floating type feed @2% of total biomass available in pond)	Training, Demonstration, Field day, Radio and TV programme	18	35	15
Puri	Azolla	Livestock production and management	Demonstration of Azolla culture for feed management in cattle (Azolla culture in polythene pond, feeding of azolla @ 1.5-2kg/day)	Training, Demonstration, Field day, Radio and TV programme	10	30	50 unit
Puri	Dairy	Livestock production and management	Demonstration of mineral mixture +Amino acid + Probiotics on milk yield of CB cows (Supplement feeding @ 20gm/ day)	Training, Demonstration, Field day, Radio and TV programme	12	20	20 no
Puri	Poultry	Livestock	Demonstration of backyard	Training, Demonstration, Field	15	40	250 no

		production and management	poultry (Day old chicks reared with feeding for 1 month and proper vaccination)	day, Radio and TV programme			
Puri	Vermicompost	Organic manuring	Vermicomposting using waste mushroom beds and FYM along with vermiculture (Eisenia foetida) 1kg/tank	Training, Demonstration, Field day, Radio and TV programme	10	22	22 unit
Puri	Mushroom	Income Generating Activities	Paddy straw mushroom cultivation in Agro shade net in summer & rainy season	Training, Demonstration, Field day, Radio and TV programme	12	23	23 unit
Puri	Drip irrigation in banana	Resource conservation	Drip Irrigation in Banana, spacing of plant to plant, spacing in row	Training, Demonstration, Field day, Radio and TV programme	12	15	15 unit

Note-

- **Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.**
- ***Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Paddy in place of Rice , brinjal in place of egg plant etc.**
- ***Don't press enter key to navigate among col use arrow or tab key**
- ***don't add space before or after statement within the table cell**
- **Kindly mention realistic estimated yield of your crop under Demonstration.**
- **If crop has been not yet harvested, mark it * on that**

3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprizes	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Puri	2016	Kharif	Varietal Evaluation	Demonstration of paddy var. Swarna sub-1	Paddy	Swarna sub-1	4ha	36.79	43.67	18.67	0	0	0	9	9

Puri	2016	Kharif	Varietal Evaluation	Demonstration of paddy var. Ranidhan with Nitrogen management in LCC	Paddy	Ranidhan	4ha	33.02	35.36	10.43	0	0	0	10	10
Puri	2016	Rabi	Varietal Evaluation	Demonstration on Broccoli var. KTS1	Broccoli	KTS1	0.4 ha	182	211	16	0	0	0	5	5
Puri	2016	Rabi	Varietal Evaluation	Demonstration on capsicum var. California wonder	Capsicum	California wonder	0.4 ha	104	131	26	0	0	0	5	5
Puri	2016	Rabi	Flower production	Demonstration on marigold	Flower	Annual chrysanthemum	0.4 ha	142	163	14	0	0	0	5	5
Puri	2016-17	Rabi	IPM	Demonstration of Integrated Pest Management on spodoptera management in groundnut(Pheromone trap@50nos./ha, T.chilonis bioagents 2.5nos. of card/ha, poison bait 30kg/ha, Imamectinbenzoate @0.5g/lit)	Groundnut	Devi	2ha	14	20.8		0	0	0	10	10
Puri	2016	Kharifi	IDM	Demonstration of sigatoka disease management in banana(Alternate spraying of Thiophenate methyl @1.5g/lit and bordeux mixture 1% at 10days interval)	Banana	Bantala	1ha	390.5	480		0	0	0	7	7
Puri	2016	Kharif	IDM	Demonstration of foot rot disease management in Betel vine(T. viride @ 10kg/ha in soil and spraying of Ridomil M.Z. 2.5gm/lit)	Betelvine	Vainchigodi	0.5	1800000	2700000		0	0	0	5	5

Puri	2016	Kharif	Integrated crop management	seed, Rhyzibium culture(20gm/kg seed), Tviridae(5gm@kg seed	Groundnut	Devi	20	12.2	15.8	29.5	0	0	0	25	25
Puri	2016	Rabi	Integrated crop management	seed, Rhyzibium culture(20gm/kg seed), Tviridae(5gm@kg seed), Pheromone trap	Groundnut	Devi	40	16.3	21.4	31.28	0	0	0	100	100
Puri	2016	Rabi	Integrated crop management	seed, Rhyzibium culture(20gm/kg seed), Tviridae(5gm@kg seed	Green gram	IPM02-3	40	5.9	7.8	32.2	4	0	0	96	100
Puri	2016	Rabi	Integrated crop management	seed, Rhyzibium culture(20gm/kg seed), Tviridae(5gm@kg seed	Black gram	PU-35	40	6.8	8.6	26.47	8	0	0	92	100
Puri	2016	Kharif	Integrated crop management	seed, Rhyzibium culture(20gm/kg seed), Tviridae(5gm@kg seed	Sunflower	MSFH-17	20	11.3	14.5	28.31	8	0	0	92	100
Puri	2016	Summer	Fish Seed production	Demonstration of off season fish seed production	Fishery	IMC	5	27 lakh fingerling	31 lakh fingerling	14.8	0	0	0	5	5
Puri	2016	Kharif	Production and management	Demonstration of Integrated with relay farming system	Fishery	Advanced fingerling	5	21.7 qtl/ha	24.8 qtl/ha	14.2	0	0	0	5	5
Puri	2016-17	Rabi	Production and management	Demonstration of Jayanti rohu for increasing productivity	Fishery	Jayanti rohu	10	24.8	26.7	10.2	0	0	0	10	10

Puri	2016-17	Rabi	live stock production	Demonstration of backyard poultry(Day old chicks reared with feeding for 1 month and proper vaccination\	Backyard Poultry	Pallishree, OUAT	8	Body weight 90 days 0.7 kg	Body weight 90 days 1.2 kg	71	1	-	-	7	8
Puri	2016	Kharif	live stock production	Demonstration on azolla culture for feed management in cattle (Azolla culture in polythene pond feeding of azolla@1.5kg/day	Azolla	-	32	Milk yield/day 10 lit	Milk yield/day 10.8 lit	8	-	-	-	32	32
Puri	2016-17	Rabi	live stock production	Demonstration on duck farming	Duckery	Khaki Campbell	9	Body weight 90 days 0.9 kg	Body weight 90 days 1.2 kg	71	-	-	-	9	9

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 paddy var. Swarna sub-1	Paddy	No of tiller, Panicle length, No of grown panicle	25,25.14,260	30, 26.34, 280	41950	39950	51506	61124	9556	21174	1.22	1.53

Puri	Demonstration of paddy var. Ranidhan with Nitrogen management in LCC	Paddy	No of tiller, Panicle length, No of grown panicle	30, 23.6, 260	30, 26.1, 250	35250	34000	44828	49504	9574	14254	1.27	1.4
Puri	Demonstration on Broccoli var. KTS1	Broccoli	yield q/ha	182	211	55300	61300	119040	166900	63740	105600	2.2	2.7
Puri	Demonstration on capsicum var. California wonder	Capsicum	yield q/ha	104	131	58300	63700	121400	144100	63100	86800	2.08	2.25
Puri	Demonstration on marigold	Flower	yield q/ha	142	163	48500	58100	84300	114500	35800	56400	1.73	1.97
Puri	Demonstration of Integrated Pest Management on spodoptera management in groundnut(Pheromone trap@50nos./ha, T.chilonis bioagents 2.5nos. of card/ha, poison bait 30kg/ha, Imamectinbenzoate @0.5g/lit)	Groundnut	yield q/ha	14	20.8	35000	38500	56000	83200	21000	44700	1.6	2.16
Puri	Demonstration of sigatoka disease management in banana(Alternate spraying of Thiophenate methyl @1.5g/lit and bordeux mixture 1% at 10days interval)	Banana	yield q/ha	390.5	480	175000	190000	468600	576000	293600	386000	2.67	3.03
Puri	Demonstration of foot rot disease management in Betel vine(T. viride @ 10kg/ha in soil and spraying of Ridomil M.Z. 2.5gm/lit)	Betelvine	yield q/ha	1800000	2700000	650000	675000	1440000	2160000	790000	1485000	2.22	3.2

Puri	Seed , Rhyzibium culture(20gm/kg seed), Tviridae(5gm@kg seed	Groundnut	No of Pod	13	16	34800	35500	54900	71100	20100	35600	1.5	2
Puri	seed, Rhyzibium culture(20gm/kg seed), Tviridae(5gm@kg seed), Pheromone trap	Groundnut	No of Pod	17	22	35800	36500	65200	85600	29400	49100	1.82	2.34
Puri	seed, Rhyzibium culture(20gm/kg seed), Tviridae(5gm@kg seed	Greengram	No of Pod	16	22	20800	22000	29795	39390	8995	17390	1.43	1.79
Puri	seed, Rhyzibium culture(20gm/kg seed), Tviridae(5gm@kg seed	Blackgram	No of Pod	18	24	22100	23200	34000	43000	11900	19800	1.53	1.85
Puri	seed, Rhyzibium culture(20gm/kg seed), Tviridae(5gm@kg seed	Sunflower	Head Diameter	15cm	20cm	26400	28200	39550	50750	13150	22550	1.49	1.79
Puri	Demonstration of off season fish seed production	Fishery	Survibility %	36.2	41.5	215500	255800	461000	632200	245500	376400	2.13	2.47
Puri	Demonstration of Integrated with relay farming system	Fishery	Body wt(kg)	0.67	0.85	-	-	-	-	125600	147500	2.0	2.51
Puri	Demonstration of Jayanti rohu for increasing productivity	Fishery	Avg Body wt (gm.)	0.78	0.91	115400	116500	245000	279000	129600	162500	2.12	2.39

Puri	Demonstration of backyard poultry(Day old chicks reared with feeding for 1 month and proper vaccination\	Backyard Poultry	Body weight gain	0.7 kg	1.2kg	16000	28894	36750	69640	20700	40746	2.29	2.41
Puri	Demonstration on Azolla culture for feed management in cattle (Azolla culture in polythene pond feeding of azolla@1.5kg/day	Azolla	Milk yield	10lit	10.8lit	80	60	240	240	160	180	3	4
Puri	Demonstration on duck farming	Duckery	Body weight gain	0.9kg	1.2kg	4000	4000	13500	23400	4700	14600	1.5	2.6

3.4 Information about Home Science FLDs - (For All Thematic Area)

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/Enterprises	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Puri	2016	Kharif	Income Generating Activities	Uneconomic use of Spent Mushroom Substrate and unhygienic condition created by dumping the used substrate here and there	Demonstration of Vermicomposting among mushroom growers	Vermicomposting	Composting with Spent Mushroom Substrate +Cow dung + Verm sp. *Eisenia foetida*	Homestead	10	10
Puri	2016	Kharif	Income Generating Activities	Low yield due to aquatic weed infestation	Stocking of exotic carp(grass carp and common carp) to control floating and submerged weed with substantial increase in production	Pisciculture	Grass carp + common carp @200no. /ac	Pond based Farming system	5	5

Puri	2016-17	Rabi	Income Generating Activities	Unawareness of income generation through Apiary in coconut orchards	Demonstration of Apiary in coconut orchard for income generation of SHGs	Apiary	Apiary with Bee colony (*Apis cerena indica*)	Homestead	8	8
Puri	2016-17	Rabi	Value addition	Low income from oyster mushroom for less market demand	Demonstration of value added products from oyster mushroom by farmwomen	Value addition of oyster mushroom	Oyster mushroom sp. *Hypsizygus ulmarius*	Homestead	10 units 100 beds	10

3.5 (A) Economic Performance Home Science FLD: (For Drudgery Reduction)-NA

KVK name	OFT Title					Performance Indicator / Parameter									
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

3.5 (B) Economic Performance Home Science FLD: (For Income Genration)-NA

KVK name	FLD Title	Performance Indicator / Parameter											
		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		
Puri	Demonstration of Vermicomposting among mushroom growers	-	Compost-15q/tank/cycle Verms-5kg/tank/cycle	-	Rs.3500	-	Rs.10,000/tank/cycle	-	Compost-15q/tank/cycle Verms-5kg/tank/cycle	-	Rs. 6500/tank/cycle of 4 months	6500	2.85
Puri	Demonstration of biological control of aquatic weeds in community based ponds	23 q/ha	38 q/ha	113800	115600	205600	242800	-	-	91800	127200	-	2.1
Puri	Demonstration of	-	-	-	Rs.350	-	-	-	Continuing	-	-	-	-

	Apiary in coconut orchard for income generation of SHGs				0/box								

3.5 (C) Economic Performance Home Science FLD: (For value addition)

KVK name	OFT Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Puri	Demonstration of value added products from oyster mushroom by farmwomen	Fresh oyster mushroom	Mushroom Pickle	Mushroom spawn	Mushroom spawn (H. ulmarius) Spices & Oil preservatives & chemicals (glacial acetic acid and SB)	2 kg mush room /bed	2.5kg pickle/ bed	30/bed	70/bed	100/bed	375/bed	90/bed	315/bed	225/bed	T1 - 3.33 T2 - 4.5

3.5 (D) Economic Performance Home Science FLD: (For Nutritional security)-NA

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks

3.7 Details of FLD on crop hybrids.NA

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.

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	CR505 performs better than other varieties	varietal evaluation	Give better B:C ratio	CR505
Puri	CR1009 & Swarna sub1 varietal performance	Scientific method of cultivation of CR1009 & Swarna sub-1	Give better B:C ratio	
Puri	Post emergence weedicide Targasuper performs well	Application of Post emergence weedicide	Give better B:C ratio	
Puri	While marigold(Annual Chrysinthamum) is new flower for commercial use and profitable with high production	Demonstration of full package of practices increased knowledge skill and profitable by reducing	With marigold sirakole its compatible for market	Yes
Puri	capsicum is high value crop	Demonstration of full package of practices increased knowledge skill and profitable by reducing	Good market demand and fetched more income	
Puri	Broccoli is high value crop	Demonstration of full package of practices increased knowledge skill and profitable by reducing	Good market demand and fetched more income	
Puri	Combination of bio agent , poison bait and pesticide efficiently control the Spodoptera in groundnutu	Demonstration of IPM increase skill & reduce the pest	Net income increase	Yes
Puri	Application of T.Viridae and Rhidomil control the foot rot disease in betel vine	application of recommended dose of chemical pesticide with Tricoderma Viridae reduces the disease	Net income increase	Yes
Puri	Effectiveness of using different ICT tools for technology application	Voice SMS ,Text SMS are helpful to in time information	62% Knowledge updating	Yes
Puri	Providing better marketing awareness in Mushroom	Voice SMS ,Text SMS are helpful to in time	68% Knowledge updating	Yes
Puri	Cluster demonstration on groundnut	seed treatment increase knowledge & skill	Yield increased	Yes

Puri	Bypass protein feeding for high milk production of dairy is an effective technology	Demonstration of feed supplementation and training increased both knowledge and skill	Bypass protein feeding increases SNF of milk	Yes
Puri	Paddy straw mushroom strain OSM-11 & OSM-12	Training and Demonstration	OSM-12 gives the better result	For large scale adoption availability of the strain is to be strenghthened
Puri	Store grain pest management in green gram	Training and Demonstration	Pro-super bag reduces the grain loss up to 2%	For maximize adoption the bags are to be made rodent proof
Puri	Demonstration on sigatoka disease management in banana (Alternate spraying of Bordeaux mixture 1% and Thiophenate methyl @ 1.5gm/lit at 10	Demonstration of full package of practices and training increased both knowledge and skill	Disease incidence decreases	Yes
Puri	Demonstration on IDM of wilt disease in tomato(seed treatment with T.viride @4gm/kg seed, root drenching of streptocycline @0.1gm/lit and cymoxynil + Mancozeb @2.5gm/ltr	Demonstration of full package of practices and training increased both knowledge and skill	Disease incidence decreases	Yes
Puri	Demonstration of Azolla culture for feed management in cattle	Demonstration of full package of practices and training increased both knowledge and skill	Disease incidence decreases	Yes
Puri	Demonstration on duck farming	Rearing of duckling with commercial feed for one month	Disease incidence decreases	Yes
Puri	Demonstration of backyard poultry	Day old chicks reared with feeding for 1 month and proper vaccination	Disease incidence decreases	Yes

4.2. Feedback from KVK to Research System.

Name of KVK	**Feedback basic of OFT on Technology Tested**
Puri	Swarna sub-1 performs better than other varieties in flash flood area
Puri	Requirement of better paddy varieties for low lying area (50cm deep water)
Puri	Availability true to type seed and seedling of broccoli and capsicum is essential during crop season
Puri	True to type seedling of marigold is not available at the time of need
Puri	Bio agents should be available at the required time for Spodoptera management in groundnut

Puri	Research should be done in integrated way to control footrot disease in betelvine
Puri	Biological and botanical control majors for Sigatoka disease in banana is required
Puri	Farmers are satisfied with proper timely information and keep themselves updated with new technologies
Puri	Farmers are updated with marketled extension in mushroom cultivation
Puri	Supplement feeding of dairy cattle during lactation improves milk quality and quantity
Puri	Backyard poultry farming with proven breeds provide nutritional security and income generation
Puri	Azolla feeding reduced the feed cost of cattle
Puri	The paddy straw mushroom strain OSM-12 giving better yield than OSM-11 in open condition
Puri	Use of Pro super bag for pulse storage reduces grain loss upto 2%
Puri	For more Effectiveness the size of the TNAU trap can be enhanced to reduce the no required per 50kg bag(i.e 2trap/bag)

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	Field visit & Group discussion with farmers	26.05.16 , Udaygiri(K.Prasad)	25
Puri	F/FW	Diagnostic field visit and interaction with farmers	29.08.16 & 30.08.16, KVK Campus	25
Puri	F/FW	Field visit & Group discussion with farmers	26.10.16, Udaygiri, K.Prasad	25
Puri	RY	Group discussion and interaction with rural youth	08.03.17 Lahanga, Pipili	20
Puri	F/FW	Diagnostic field visit and interaction with farmers	04.04.16,Atheisa, Jaypu	25
Puri	F/FW	Group discussion and interaction with rural youth	06.04.16, Dumukipur, Oterkera,Sandra	20
Puri	F/FW	Field visit & Group discussion with farmers	07.04.16, Oterkera,Sandra	25
Puri	RY	Diagnostic field visit and interaction with farmers	18.04.16, Ketakipatna, Chandanpur	30
Puri	RY	Field visit & Group discussion with farmers	9.04.16, Madhubana, Sukala	20
Puri	F/FW	Group discussion and interaction with rural youth	20.04.16, Brahmanakhandi, Baria	25
Puri	F/FW	Field visit & Group discussion with farmers	21.04.16, Biswanathpur, Jaypur,Dubduba	20
Puri	F/FW	Diagnostic field visit and interaction with farmers	22.04.17, Nuasahi, Sahadapada	25

Puri	RY	Group discussion and interaction with rural youth	07.05.16, Kusumeswara, dumukipur	25
Puri	F/FW	Diagnostic field visit and interaction with farmers	09.05.16, Laxminaranpur, Pipili	25
Puri	F/FW	Group discussion and interaction with rural youth	17.06.16, Raghurajpur	20
Puri	F/FW	Field visit & Group discussion with farmers	06.05.16 Gualigorada	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	Off	CP	Paddy cultivation for water logging area	1	1	0	0	0	0	0	0	25	0
Puri	F/FW	Off	CP	Nitrogn management in paddy in LCC	1	1	0	0	0	0	0	0	25	0
Puri	F/FW	Off	CP	Scientific method of maize- cowpea intercroping	1	2	0	0	0	0	0	0	25	0
Puri	F/FW	Off	CP	Scientific method of weed management in groundnut	1	1	0	0	0	0	0	0	25	0
Puri	F/FW	Off	CP	Alternatve wetting drying technology for water conservation in paddy	1	1	0	0	0	0	0	0	25	0
Puri	IS		IPM/IDM	Safe use of chemical pesticide	1	1	0	0	0	0	0	0	20	0
Puri	F/FW		IPM	IPM in Paddy	1	1	25	0	0	0	0	0	0	0
Puri	F/FW		IDM	IDM in Betelvine	1	2	25	0	0	0	0	0	0	0
Puri	F/FW		IPM	IPM in green gram and black gram	1	1	15	10	0	0	0	0	0	0
Puri	F/FW		IPM	IPM in Groundnut	1	1	25	0	0	0	0	0	0	0
Puri	F/FW		IPM/IDM	Disease and pest management in cucurbits	1	1	25	0	0	0	0	0	0	0
Puri	F/FW		IPM	YMV management in vegetables and pulses	1	1	16	0	9	0	0	0	0	0
Puri	F/FW	Off	LPM	Backyard poultry farming	1	1	0	0	11	14	0	0	0	0
Puri	F/FW	Off	LPM	avertising of Artificial insemination	1	2	22	0	3	0	0	0	0	0
Puri	F/FW	Off	LPM	Nutrition management of live stock	1	1	11	3	11	0	0	0	0	0

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	IS	Off	LPM	Major animal disease of the district	1	2	12	1	2	0	0	0	0	0
Puri	RY	Off	LPM	Income generation through dairy farming	1	1	17	3	0	0	0	0	0	0
Puri	F/FW	Off	WOE	Commercial cultivation of paddy straw mushroom	1	2	7	18	0	0	0	0	0	0
Puri	F/FW	Off	WOE	Vermicomposting using spent mushroom substrates for economic resource recycling	1	2	7	18	0	0	0	0	0	0
Puri	F/FW	Off	WOE	Inhouse method of paddy straw mushroom cultivation	1	2	8	17	0	0	0	0	0	0
Puri	F/FW	Off	WOE	Value added product making in coconut	1	1	0	20	0	5	0	0	0	0
Puri	F/FW	Off	WOE	Value added product making in making from oyester mushroom	1	1	0	20	0	5	0	0	0	0
Puri	F/FW	Off	WOE	Apiary for income generation	1	1	0	19	0	6	0	0	0	0
Puri	F/FW	OFC	CBD	Importance of more crop per drop to farming community	1	1	25	0	0	0	0	0	0	0
Puri	F/FW	ONC	CBD	Skill development on custom hiring centre towards farm machinaries	1	2	12	1	8	4	0	0	0	0
Puri	F/FW	OFC	CBD	Production management of groundnut cultivation	1	1	25	0	0	0	0	0	0	0
Puri	RY	ONC	CBD	Importance of ICT apllication	1	1	9	11	0	0	0	0	0	0
Puri	F/FW	OFC	SFM	Importance of soil testing Technique of soil sample collection	1	1	24	1	0	0	0	0	0	0

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	SFM	Management of saline soil for sustainable crop production	1	1	25	0	0	0	0	0	0	0
Puri	F/FW	OFC	SFM	Fertilizer recommendation on basis of soil test value	1	2	25	0	0	0	0	0	0	0
Puri	F/FW	OFC	SFM	Use of Biofertiliser in pulse crop	1	1	25	0	0	0	0	0	0	0
Puri	F/FW	OFC	SFM	Deficiency symptom of macro & micro nutrient and their management in soil	1	1	25	0	0	0	0	0	0	0
Puri	F/FW	OFC	FIS	Integrated with relay farming system	1	1	25	0	0	0	0	0	0	0
Puri			HOV	Package and practices of cucurbits	1	1	25	0	0	0	0	0	0	0
Puri			HOV	Scientific method of cultivation of Betelvine	1	1	21	1	0	0	0	0	3	0
Puri			HOV	Scientific method of cultivation of cole crops	1	1	22	1	0	0	0	0	2	0
Puri			HOV	Package and practices of solanaceous vegetable	1	1	25	0	0	0	0	0	0	0
Puri			HOV	Package and practices of cucurbits	1	1	25	0	0	0	0	0	0	0
Puri			HOV	Scientific method of cultivation of Betelvine	1	1	21	1	0	0	0	0	3	0

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

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Puri	Vermicomposting	Vermicompost	Organic faring	5	17	0	3	0	0	0	0	0
Puri	Hybrid seed production	Paddy	Seed production	5							20	

Puri	Planting material production	Planting material	Quality planting material	5	17	1	1	0	0	0	0	1
Puri	Fish seed preparation	Fishery	Seed production	5	22	0	0	0	0	0	0	0
Puri	Goat and sheep farming	Goat , sheep	Profitable goatery	5	10	3	5	2	0	0	0	0
Puri	Value added products making from fruits vegetables	Fruit & vegetable	Value addition	5	0	18	0	2	0	0	0	0

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

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	

Table 5.4. Sponsored Training Programmes _NA

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

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	Importance of more crop per drop to the farming community	25	30	71	70	81	25000	41000	21,271,34
Puri	Production and management of groundnut cultivation	25	60	78	16.3	21.4	65200	856	400, 36, 11
Puri	Skill development on custom hiring centre towards farm mechanization	25	53	65	34	61	53000	65000	32 , 203, 21
Puri	Importance of information communication technology application in agriculture sector	20	23	72	36	52	42000	6800	82 , 198, 23
Puri	Integrated with relay farming system	25	10	35	41	62	75000	82000	05,11, 15
Puri	Multiple stocking and harvesting in aquaculture	25	62	71	51	71	82000	85000	06, 12, 3
Puri	Biological control of aquatic weed	25	12	35	62	70	65000	76000	21, 12 , 45
Puri	Fish fingerling production	20	62	83	62	82	52000	62000	19, 32, 51

Puri	Disease and pest management in cucurbits	25	25	65	100	150	100000	150000	20, 35
Puri	IPM in Paddy	25	52	85	46	52	55200	62400	50, 80
Puri	IPM in green gram and black gram	25	30	70	3.75	6.51	18750	32550	200, 150
Puri	YMV management in vegetables and pulses	25	25	80	50	80	60000	90000	30, 50
Puri	IDM in Betelvine	25	50	80	18 Lakh	25 lakh	8 lakh	14 lakh	3, 15
Puri	IPM in Groundnut	25	25	65	16	24	64000	96000	30,35
Puri	Safe use of chemical pesticide	20	25	80	50	100	50000	100000	1,00,200
Puri	Paddy cultivation for water logging area	25	25	65	35	45	15000	25000	20, 50
Puri	Nutrient management in rice by leaf colour chart	25	25	70	36	42	21350	35350	18,16,8
Puri	Scientific method of intercropping system for maize-cowpea	25	25	80	50	60	55000	75000	15, 16, 21
Puri	Scientific method for weed management in groundnut	25	25	75	16.8	225	34645	55445	21, 11, 23
Puri	Alternative wetting and drying methodology in paddy	25	25	65	35	40	34000	45000	15, 7, 9

Puri	Package and practices of cucurbits	25	61	65	160	31	62000	71000	20, 50, 18
Puri	Scientific method of cultivation of Betelvine	25	31	42	20	24	85000	92000	2, 13, 15
Puri	Scientific method of cultivation of cole crops	25	42	53	162	189	65000	75000	92, 115, 23
Puri	Package and practices of solanaceous vegetable	25	52	61	210	250	71000	82000	85, 105, 11
Puri	Production and management of high value crop .	25	31	53	172	193	53000	92000	75, 90, 13
Puri	Cultivation and seedling production of pointed gourd/spine gourd	25	55	71	162	182	63000	82000	32, 24, 15
Puri	Commercial cultivation of ornamental crops	25	32	53	135	157	52000	7000	35, 32, 16
Puri	Importance of soil testing Technique of soil sample collection	25	15	32	32	35	22000	32000	75, 21, 7
Puri	Fertilizer recommendation on basis of soil test value	25	21	33	82	92	15000	21000	35, 500, 9
Puri	Management of saline soil for sustainable crop production	25	25	24	53	65	62000	75000	16,10,8

Puri	Use of Biofertiliser in pulse crop	25	18	21	62	71	52000	65000	56,212, 7
Puri	Deficiency symptom of macro & micro nutrient and their management in soil	25	20	25	51	63	32000	52000	112,100,11
Puri	Organic farming	25	52	32	105	121			15, 101, 32
Puri	Advantages of artificial insemination for better milk production	25	3	7	5 lit	10 lit	125	300	10, 70, 85
Puri	Nutrition and management of livestock	25	2	7	5 lit	10 lit	125	300	6 , 56, 70
Puri	Backyard poultry farming	25	4	9	0.8	1.5	200	400	10 , 80, 90
Puri	Income generation through dairy farming	20	3	8	5 lit	10 lit	125	300	5, 40, 70

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	5	5	150							Agriculture and allied subject	Different stage of crop
Puri	Kisan Mela	2	2	1000							Agriculture and allied subject	Different stage of crop

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	Kisan Ghosthi	1	1	50							Agriculture and allied subject	Different stage of crop
Puri	Exhibition	6	6	1200	500	600	340	50	10		Agriculture and allied subject	Different stage of crop
Puri	Film Show	46	46	1100	0	0	0	0	0	Dissemination of improved technology	Agriculture and allied subject	Different stage of crop
Puri	Method Demonstrations	21	21							Demonstration of updated technology	Agriculture and allied subject	Different stage of crop
Puri	Farmers Seminar	1	1	30	5	10	5			Awareness	Agriculture and allied subject	Different stage of crop
Puri	Workshop	2	2	550	165	65	25	15	5	Awareness	Pradhanmantri Fasal Bima Yojana, Pradhana mantri Ujwala Yojana	
Puri	Group meetings	1	1	0	50	0	0	0	0	Awareness		
Puri	Lectures delivered as resource persons	31	31							On recent technology		
Puri	Newspaper coverage	12	12							On recent technology, IPM,IDM	Agriculture and allied subject	Different stage of crop
Puri	Radio talks	20	20							On recent technology	Agriculture and allied subject	Different stage of crop
Puri	TV talks	18	18							On recent technology	Agriculture and allied subject	Different stage of crop
Puri	Popular articles	0	0							Technology	Agriculture	Different

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			
											Agriculture and allied subject	stage of crop
Puri	Extension Literature	6	6							On recent technology, IPM,IDM	Agriculture and allied subject	Different stage of crop
Puri	Farm advisory Services	1200	1200							Technology in crop, Animal husbandry, Crop protection, Horticulture, Home science	Agriculture and allied subject	Different stage of crop
Puri	Scientific visit to farmers field	500	504							Discussion & Advise	Agriculture and allied subject	Different stage of crop
Puri	Farmers visit to KVK	1000	2100							Advise on agriculture & allied sector basing on problem	Agriculture and allied subject	Different stage of crop
Puri	Diagnostic visits	100	126							Advise on agriculture & allied sector basing on problem	Agriculture and allied subject	Different stage of crop
Puri	Exposure visits	5	5							To know developed technology	Agriculture and allied subject	Different stage of crop
Puri	Ex-trainees Sammelan	1	1							Awareness, campaign	Agriculture and allied subject	Different stage of crop

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	Soil health Camp	2	2	58						Soil test	Agriculture and allied subject	Different stage of crop
Puri	Animal Health Camp	2	2	43						Animal health test	Agriculture and allied subject	Different stage of crop
Puri	Agri mobile clinic	0	0									
Puri	Soil test campaigns	2	2	100						Awareness, campaign	Agriculture and allied subject	Different stage of crop
Puri	Farm Science Club conveners meet	1	1	25						To disseminate recent developed technology	Agriculture and allied subject	Different stage of crop
Puri	Self Help Group conveners meetings	1	1		50					Awareness campaign in SHGs	Agriculture and allied subject	Different stage of crop
Puri	Mahila Mandals conveners meetings	0	0							Women empowerment	Agriculture and allied subject	Different stage of crop
Puri	Celebration of important days (World environment day)	5	5	180	50					Awareness, campaign	Agriculture and allied subject	Different stage of crop

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	15.07.16	Quaterly	1500	1500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Puri	Booklet	Jibanu sara ra gurutwa o byabahara	Sri Pradipta Majhi & Sri Sukumar Taria	1000
Puri	Booklet	Prifile of KVK	Senior Scientist & Head	10
Puri	Booklet	Exposure Visit	Senior Scientist & Head	5
Puri	Booklet	Contingent plan implementation	Senior Scientist & Head	10
Puri	Booklet	Crop Cafetaria	Senior Scientist & Head	10
Puri	Booklet	Action Plan Sansad Gram	Senior Scientist & Head	10
Puri	Booklet	Year Planner	Senior Scientist & Head	5

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Puri	4	Farmers' fair	2
		Azolla Production	1
		Animal Husbandry	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	Swarna sub-1	600	-	-	12
Puri	Certified	Greengram	TARM-1	12.8		-	5

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Puri	Sapling	Papaya	Honeydew	500	2500	50	0.4
Puri	Seedling	Drumstick	PKM-1	80	400	50	0.4
Puri	Seedling	Capsicum	California wonder	8000	8000	5	0.4
Puri	Seedling	Broccoli	KTS-1	12000	12000	5	0.4

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	Vermi	1	-	500	5	-
	Bio Agents						
Puri	Bio Fertilizer	Azolla	40	-	800	32	-
	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 seed,	Jayantirohu	fingerling	7200	28800	
Puri	Fish fingerling	Grass carp	fingerling	2000	8000	
Puri	Fish fingerling	Jayantirohu Fish	Fish	50	10000	

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	Mridaparikhyaka Mini Lab, KVK,Puri	2015	-	537	1338	55	-	1260

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	-	-	-	133	96	39	-	96

10. Rainwater Harvesting - NA

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 - NA

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 - NA

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	**03.12.16**	**30**	• Documentation to be made on adoption and spread of technology which has been implemented by KVK. • Importance to be given for pulse crops popularization in the district • Promotion of Soil test based and climate resilient based activities • Post harvest and Value addition activities on vegetables and fisheries • Convergence of activities with line department and district administration • Promotion of successful and progressive farmers as trainer during training • Celebration of KVK Foundation day to promote progressive farmers of the district • IFS and demo models in the KVK campus

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	55	68430	105	Farmers portal	Package of practices, Plant protection measures, crop production, animal science

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	**BGREI**	**Central**	**40,000**	**6**	**100**	**BGREI field visit**

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Puri	30356069907	814.25	23747.5	

17. Awards & Recognitions - Nil

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

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)
	Crop Cafeteria	
	Technology Desk	

	Visitors Gallery	
	Technology Exhibition	
	Technology Gate-Valve	

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria

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

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Puri	Dilip Barala	Oganic crop production	Resinga, Nimapada, 9438987387
2 3	Puri	Sanjeet Mohanty	All season spawn production, Straw cutting machine	Jaispatna, Pipili, 9437278721
4 5	Puri	Nabakishore Swain	Polyculture & IFS	Barakera, Delanga, Puri, 9938749226
6	Puri	Santosh Kumar Mishra	Spawn Production	Pipili, Puri, 9937310303
7	Puri	Kailash Chandra Sahoo	Fingerling production & IFS	Subaranapur, Gop, Puri, 9938083617
8	Puri	Bhagirathi Barik	Olericulture	Dalabhanpur, Nimapara, 9238574207
9	Puri	Ratikant Routray	Goat Farming	Godarhi, Delang
10	Puri	Mahendra Behera	Betelvine	Samakula, Gop, 9777342269
11	Puri	Nirmala Jena	Fishery	Anthara, Nimapara, 9658403059
12	Puri	Mrs. Mamata Poojapanda	IFS(Goat, Fishery, Poultry)	Chaitana, Gop, 9861045242
13	Puri	Chandrasekhar Behera	Mushroom spawn	Biswanathapur, Satyabadi, 9437653586
14	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	04.04.16- Pradhan Mantri Fasalbima Yojana	350
Puri	04.07 16- Vanomahotsav	5
Puri	20.06.16 farmers' vetting	25
Puri	06.07.16 Foundation Day of KVK	10
Puri	22.08.16- Parthenium Week	8
Puri	23.08.16 -Hygenic Mushroom Production	10
Puri	24.08.16 University foundation Day	10
Puri	03.05.16 - Farmers' Fair CIFA	30
Puri	05.12.16- Farmers' Fair & Soil health day	50
Puri	19.07.16 Farmers' Scientist Interaction	15
Puri	08.03.17 Soil test health camp	7
Puri	25.03.17 Animal Husbandra programme	8
Puri	02.03.17 Field Day Animal Science	6
Puri	31.03.17 Field Day on Plant protection	6
Puri	14.03.17 Soil health camp	12
Puri	23.06.16 Soil test Campaign	20
Puri	27.02.17- Soil health camp	10
Puri	23.03.17 Field Day Animal Science	12
Puri	10.03.17 Field day on Cluster demonstration	26
Puri	09.05.16 Krushaka Diwas(Akhya Tritiya)	100

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Puri	6	10	24	70

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, and Awareness programmes etc.

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

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.

1	Khurdha	Knowledge information resources ,input dealers	Progressive farmer
2	Jagatsighpur	Knowledge information resources ,input dealers	Progressive farmer
3	Nayagarh	Knowledge information resources ,input dealers	Progressive farmer

24. **Important visitors to KVK**

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Puri	Dr.Jatindar Kistuwaria	11.07.16	ICAR			
Puri	Sri Pradeep Maharathi	09.08.16			Minister	
Puri	Sri Umakanta Samantray	09.08.16			MLA	
Puri	Dr.Anupam Mishra	09.11.16	ATARI, zone VII			
Puri	Sri Pinaki Mishra				MP	
Puri	Dr.Surendranath Pasupalak	04.04.16		Vice Chancellor, OUAT		
Puri	Dr.Khalid Khan	04.04.16		DEE, OUAT		
Puri	Sri Pradeep Maharathi	05.12.16			Minister	
Puri	Dr.Surendranath Pasupalak	05.12.16		Vice Chancellor, OUAT		
Puri	Dr.P.N.Jagdev	05.12.16		DEE, OUAT		
Puri	Dr.P.N.Jagdev	03.12.16		DEE, OUAT		

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	25	17985

26. E-CONNECTIVITY - Nil

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

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	Puri	3	3	Non pending

28. Status of Citizen Charter -NA

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

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Puri	Dr. Sidhartha Ranabijuli	Scientist(A.Sc.)	1	
	Dr. Sangram Paramaguru	Scientist (Ag.Extn.)	2	
	Sri Pradipta Kumar Majhi	Prog.Asst(Soil.Sc.)	1	
	Mrs Puspanjali Mishra	Prog.Asst.(Comp.)	2	
	Total		**6**	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Puri	04	6

30. Attended HRD Programmes organized by DES-NIL

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

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

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
	Dr. Sidhartha Ranabijuli	**Scientist(A.Sc.)**	**1**	**Short course(10) I CIWA**

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

	1	**1**

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

Name of KVK	Alert observed	Particulars	Reported to organization

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS - NIL

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology

34. INTERVENTIONS ON DROUGHT MITIGATION - NIL

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 - NA

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) - NA

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

Case Study-1

CROP DIVERSIFICATION THROUGH POINTED GOURD CULTIVATION

Profile

Name : Banamali Pradhan
Age : 51years
Address : Village: Dumukipur,P.O: Pipili, Dist-Puri,
Mobile- 9778688535
Occupation : Farming
Land holding : 3 acre
Education : M.E
Crops Grown : Paddy, greengram, Blackgram pointed gourd, Cabbage, tomato, watermelon

Sri Banamali Pradhan of Dumukipur village innovated one low cost trailing technique to combat the rotting problem of pointed gourd cultivation during rainy season. He started pointed gourd cultivation in an area of 0.5 ha. in triangular staking system made up of bamboos and other locally available staking materials. All the technical guidance were provided by the KVK Scientists. He placed a series of two bamboos in a triangular manner in a row with a spacing of 5 ft X 5 ft on both the sides. Bamboos stripes were tied horizontally between two triangular bamboos and in between locally

available staking materials were given. Planting was done on both the sides of staking system at a spacing of 5 ft X 5 ft. In the system he harvested 256.2 q pointed gourd per ha with a net income of Rs 2,19,510/- with an investment of 87,800 per ha.

ADVANTAGES

1-It is low cost as compared to other trailing system.

2-Increased yield upto 38.1 % over farmers' practice.

3-Easy plucking of fruits.

4-Easyness in intercultural operation.

5-Improved quality of fruits as there is no rotting.

UTILITY

1-Suitable for high rainfall area.

2-Suitable for small and marginal farmers.

3-It can be adopted for other crops like spine gourd, bitter gourd, ridge gourd etc

Mr Banamali Pradhan now becomes an example for fellow farmers of nearby villages of Pipipli Block. About 350 farmers have decided to follow the technology adopted by Mr Pradhan to boost their production as well as income.

Case Study-2

HITECH HORTICULTURE

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

Profile

Age	48 Years
Education	Bachelor in Arts
Landholding	8 AC
Farming experience	28 years

Crops grown	Paddy-Vegetables, Pulses
Livestock	Cow
Social recognition	Resource person Odisha Livelihood Mission, Member of ATMA committee, Nimapara

Description of progressive farmer

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 28 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 2016-17 Kharif season, he had grown Brinjal in 1 acre, ladies finger in 1 acre ,cow pea in 0.5acre following all scientific management practices. He earned net profit of Rs.1,98,000 with an expenditure of Rs.1,03,000/-. During Rabi season he had grown cauliflwoer in 1 acre, cabbage in 2 acre, red cabbage in 1/2 acre and Brocolli in 1/2 acre and earned a net profit of Rs.2,27,000/- with an investment of Rs.98,000/- . During 2016-17 he invested an amount of Rs.2,01,000/- and got net profit of Rs. 4,25,000/- from vegetables.

Broccoli Cultivation

Harvesting Brinjal

Receiving award in OUAT Foundation day

Success Story-1

Felicitated Farmer on University Foundation day

1. **Name of the Farmer:** Sri Madan Mohan Dalei
2. **Year of felicitation:** 2016
3. **Address:** Village: Bangore, Block: Gop, Dist: Puri
4. **Mobile:** 9583829352
5. **Enterprise:** Fish Culture, Nursery, Prawn Culture, Apiary
6. **Technology used:** Apiary, Vegetable seedling production
7. **KVK involvement:** Apiary, Vegetable seedling production
8. **Achievements:**

   Sri Madan mohan Dalei involved in pond based IFS system involving fish Culture, nursery, prawn Culture, apiary & horticulture. KVK intervention increased his profit by 6.5 lakh (Nursery – 1lakh, Fishery – 2lakh, Prawn – 3 lakh, Apiary & other- 0.5 lakh)
9. Employee generated – 7 nos of employee generated for farming
10. Socio – economic uplifment with data – Social status and standard of living increased
11. Any other information – Plan for increasing more no of Apiary and plantation




EMERGING KHARIF GROUNDNUT FARMING - A PROFITABLE VENTURE

1. **Name of KVK** :Puri

2. **Farmers Name & Address** : Sri Babula Palai(9777498776)

   At-Udaygiri,PO.-Bajrakote, Dist.- Puri, State: Odisha

3. **Background Information** :

   Sri Babula Palai is a progressive farmer of Village Udaygiri of Puri district having 2 ha of land, in which he traditionally cultivated paddy and groundnut. After interacting with KVK, Puri he gradually started to show interest in crop diversification for cultivation of groundnut, cashewnut and other crops. Although from last 08 years he was growing Groundnut with lack of scientific inputs produced very little profit.

4. **Technology Demonstrated** :

   After getting technical intervention from KVK, scientist he selected short duration groundnut variety Devi for its higher yield, better digestibility, palatability of haulms and oil content percentage. Being Guided by KVK for seed treatment with Rhizobium culture @ 20gm/kg of seeds and Trichoderma viride @ 5 gm/ g of seeds, timely irrigation with need based spraying of pesticide and insecticide the produce from the crop increased by more than two times.

5. **Institutional Involvement** :

   Training, Seed treatment campaign and Integrated pest and disease management

6. **Success Point :**

   Motivated by the success he has started the groundnut seed production under the guidance of KVK,Puri. Now, he is taking up other crops along with Groundnut seed production. From all these crops he is earning a profit of Rs.3.05 lakhs, he is planning to produce more Groundnut seed during coming Rabi season from additional 1(one) ha of land. Inspired from this success, the farmers of krushnaprasad Block have shown their interest to produce Groundnut seed during next kharif season.

7. **Outcome :**

Practice used	Total cost of Cultivation	Gross Income	Net Income	Cost benefit Ration	% Increase
Recommended practice	35500	71100	35600	2.00	29.5%
Farmer practise	34800	54900	20100	1.50	

8. Quality Photographs:

		
SEED TREATMENT CAMPAIGN	MONITORING TEAM VISIT OF OUAT	FIELD DAY

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

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) –