ANNUAL PROGRESS REPORT
April 2014 to March 2015

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	20	228	
	On Going OFT	4	42	
	Technologies assessed (Completed OFT)	16	186	
	Technologies refined	0	0	
	On farm trials conducted	20	228	
2	**Frontline demonstrations**			
	Proposed Frontline demonstrations	20	120	
	On Going Frontline demonstrations	0	0	
	FLDs conducted on crops	12	60	
	Area under crops (ha.)	12	60	
	FLD on farm implement and tools	0	0	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	2	20	
	FLD on Fisheries - Finger lings	4	20	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	1	10	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	1	10	
3	**Training programmes**	**No. of Course**	**Duration (days)**	**Participants**
	Farmers	45	35	1125
	Farm women	12	16	300
	Rural youth	10	22	155
	Extension personnel/ In service	4	5	55
	Vocational trainings	5	20	45
	Sponsored Training	0	0	0
	Total	76	98	1680
		No. of programmes	**Participants**	
4	**Extension Programmes**			
5	**Production of technology inputs etc**	**Qty**	**Beneficiaries (nos.)**	
	Seed (qt.)			
	Planting material produced (nos.)			
6	**Livestock**	**Qty**	**Beneficiaries (nos.)**	
	Livestock strains (Nos)	13200	117	
	Milk Yield - Cow, Buffelo etc. (in liter)			
	Fish (Kg.)			
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			
	Ducks (nos.)			
	Chicks etc. (nos.)			
7	**Bio Products**	**Qty**	**Beneficiaries (nos.)**	

	Bio Agents -Earth worm (Kg.)	3	6	
	Trichoderma (kg.)			
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)			
	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)	0	0	
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	3	4	
	KVK News letter	1	500	
	SAC Meetings conducted	2	60	
	Soil sample tested	1048	950	
	Water sample tested	7	7	
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	0	0	
	KVK-KMA (Message and beneficiaries)	36	1273	
	Convergence programmes			
	Sponsored programmes			
	KVK Progressive Farmers interaction	0	0	
	No. of Technology Week Celebrations	1	255	
	Attended HRD activities organized by ZPD	3	2	
	Attended HRD activities organized by DES	3	7	
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)			
9	Current status of Revolving Funds (Amt. in Rs.)	260269		
10		**No. of blocks**	**No. of villages**	
	Outreach of KVK in the District	10	24	
11		**ICAR**	**SAU**	**Others**
	No. of important visitors to KVK (nos.)	1	2	
12		**Working (Yes/No)**	**No. of Update**	
	Status of KVK Website	Yes	4	
13		**Application received**	**Application disposed**	
	Status of RTI (nos.)	0	0	
14		**Query received**	**Query dissolved**	
	Citizen Charter (nos.)	0	0	
15		**Working (Yes/No)**	**No. of programme viewed**	
	E-connectivity	NA		
16		**Filled**	**Vacant**	
	Staff Position	16	14	
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)			
18	Publication received from ICAR /other organization (nos.)			
19		**Particulars**	**Organization**	
20	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 31st 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
Kendrapara	16	1	1	6	5	3	2	6	6	16	14

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
Kendrapara	Programme Coordinator	Mrs. Anjali Ray	Home science	M.Sc.	Home science	PB2 (37400 – 67000)AGP-10000	51600	10.01.2011	Permanent	Others
Kendrapara	Subject Matter Specialist1	Sri Lalita kumar Mohanty	SMS (Agronomy)	M.Sc. Ag	Agronomy	15600 – 39100 AGP-6000	21390	01.08.2011	Permanent	Others
Kendrapara	Subject Matter Specialist2	Dr. Debasis Behera	SMS (Horticulture)	M.Sc. Ag Ph.D, Ex. MBA	Horticulture	15600 – 39100 AGP-6000	21390	06.12.2012	Permanent	Others
Kendrapara	Subject Matter Specialist3	Sri Manoj Ku. Rout	SMS (Plant protection)	M.Sc. Ag	Plant pathology	15600 – 39100 AGP-6000	21390	22.10.2008	Permanent	Others
Kendrapara	Subject Matter Specialist4	Vacant								
Kendrapara	Subject Matter Specialist5	Sri Nabakishor Sial	SMS (Fishery science)	M.F.Sc.	Fishery science	15600 – 39100 AGP-6000	18320	18.01.2011	Permanent	Others
Kendrapara	Subject Matter Specialist6	Mrs. Namita Mohapatra	SMS (Home Science)	M.Sc.	Home science	15600 – 39100 AGP-6000	19050	13.01.2012	Permanent	Others
Kendrapara	Programme Assistant	Vacant								
Kendrapara	Farm Manager	Miss Prathana Mohanty	Horticulture		Horticulture	9300 – 34800 GP-4200	9300	31.01.2015	Contractual	Others
Kendrapara	Computer Programmer	Sri Nihar Ranjan Baral	Computer		Computer	9300 – 34800 GP-4200	12930	15.07.2014	Permanent	Others
Kendrapara	Accountant / superintendent	Sri Subash Chandra Dash		BA		9300 – 34800 GP-4600	13980	09.02.2015	Permanent	Others
Kendrapara	Stenographer	Sri Kishore Chandra Das	Jr. Steno cum Comp. Operator	B.Sc	Stenography, DCA	5200-20200 GP-2400	7270	28.12.2013	Contractual	Others
Kendrapara	Driver	Sri Rajesh Ku. Behera	Driver cum Mechanic	9th	-	5200-20200 GP-1900	6350	23.07.2008	Contractual	Others
Kendrapara	Driver	Sri Anirudha Gochhayat	Driver cum Mechanic			5200-20200 GP-1900	6350	07.07.2014	Contractual	
Kendrapara	Supporting staff	Sri Krushna chandra Bhujabal	peon cum watchman	10th	-	4440-7440 GP-1300	5380	29.07.2008	Contractual	Others
Kendrapara	Supporting staff	Bansidhar Pradhan	peon cum watchman			4440-7440 GP-1300	5790	01.07.2014	Contractual	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
Kendrapara	East & South Eastern Coastal Plain Zone	KENDRAPARA	27	178919	77.67	38381		
Kendrapara		DERABISH	26	129532	78.98	31712		
Kendrapara		PATTAMUNDAI	30	179924	76.57	49527		
Kendrapara		AUL	32	136297	78.01	30406		
Kendrapara		RAJKANIKA	30	126887	77.12	27084		
Kendrapara		RAJNAGAR	5	145301	71.88	18682		
Kendrapara		MARSHAGHAI	23	115103	79.08	21070		
Kendrapara		MAHAKALAPARA	27	191745	71.90	36407		
Kendrapara		GARADPUR	18	98297	86.20	20740		

DISTRICT PROFILE		OUR PEOPLE		OUR AGRO CLIMATE		OUR LAND	
No. of Sub-Division	**1**	**Population**	1,439,891	**Agroclimatic zone**	East & South Eastern Coastal Plain Zone	**Geographical area :**	**2494.69 sq km**
No. of Tehsil	**9**	**Males**	**7,17,695**	**Latitude :**	**20° 20' N to 20° 37' N**	**High land**	**31**
No. of Blocks	**9**	**Females**	**7,22,196**	**Longitude :**	**86° 14' E to 87° 1' E**	**Medium land**	**72**
No. of G.P	**230**	**Literacy Rate**	**77.67%**	**Average rainfall**	**1556mm**	**Low land**	**49**
No. of Villages	**1540**			**Temperature**	**Max mean : 39 ° C Min mean :11 ° C**		

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period (Approved by competent Authority in the SAC meeting)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Kendrapara	Gahaga	2012	Derabis	30 km	1250	325
Kendrapara	Sanamangarajpur	2010	Kendrapara	16 km	900	215
Kendrapara	Kantia	2010	Kendrapara	15 km	850	295
Kendrapara	Janra Barimul	2011	Derabis	28 km	1400	310
Kendrapara	Napanga	2013	Pattamundai	45 km	2700	465

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

KVK Name	THRUST AREA
Kendrapara	Maximization of crop production
Kendrapara	Development of suitable farming system models for different farming situation
Kendrapara	Value addition of fruits and vegetables
Kendrapara	Mushroom production and post harvest management
Kendrapara	Production of remunerative enterprises (Floriculture, apiary, fishery, 8rudger rearing etc.)
Kendrapara	Judicious pest and disease management practices
Kendrapara	Soil problem and water quality management
Kendrapara	Food security and sustainable livelihood
Kendrapara	Integrated Weed management
Kendrapara	Integrated nutrient management
Kendrapara	Maximization of crop production
Kendrapara	Development of suitable farming system models for different farming situation

1.4. PROBLEM

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Kendrapara	More infestation of weeds	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Kendrapara, Marshaghai, Pattamundai
Kendrapara	Poor nutrient management practices in the field crops	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Rajnagar, Rajkanika
Kendrapara	Use of traditional varieties	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Mahakalapara, Derabis, Aul, Rajkanika
Kendrapara	Acute pest and disease infestation in different crops	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Pattamundai, Rajnagar, Rajkanika
Kendrapara	Poor soil and water quality	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Rajnagar, Rajkanika, Mahakalapara
Kendrapara	Non remunerative enterprise in practice	PRA tools, Diagnostic field visit, group discussion, exploratory survey	In all 9 blocks
Kendrapara	Lack in proper utilization of available natural resources	PRA tools, Diagnostic field visit, group discussion, exploratory survey	In all 9 blocks
Kendrapara	Non availability feed and fodder for ruminants	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Pattamundai, Rajkanika
Kendrapara	Lack of value addition practices	PRA tools, Diagnostic field visit, group discussion, exploratory survey	In all 9 blocks
Kendrapara	Poor production of pisciculture	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Aul, Mahakalapara, Kendrapara, Pattamundai
Kendrapara	Poor food and livelihood security	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Mahakalapara, Rajkanika
Kendrapara	Soil acidity leading to lower crop yield.	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Rajnagar, Mahakalapara, Kendrapara
Kendrapara	Application of imbalanced dose of major nutrients in almost all crops.	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Kendrapara, Derabis
Kendrapara	Water logging	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Kendrapara, Rajkanika, Rajnagar
Kendrapara	Lack of scientific knowledge on agro based entrepreneurships.	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Mahakalapara, Pattamundai
Kendrapara	Unemployment of rural youth and school	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Pattamundai, Kendrapara, Mahakalapara
Kendrapara	Lack of availability of agricultural labour, and farm machineries for timely farm operations.	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Derabis, Mahakalapara
Kendrapara	Malnutrition in farm women & children	PRA tools, Diagnostic field visit, group discussion, exploratory survey	Pattamundai, Kendrapara

IDENTIFIED by KVK (Approved by competent Authority in SAC meeting)

2. On Farm Testing

Note-

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

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

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

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

2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Thematic Area	Crop/ enterprise	Farming Situations	No. of trials	Results (q/ha)		Net Returns (Rs./ha)		Recommendations
										FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	
Kendrapara	2014	Kharif,	Low yield of paddy due to heavy weed infestation	Assessment of Azimsulphuron in transplanted paddy	Assessment	IWM	Rice	Irrigated medium land	13	37.5 q/ha	47.3 q/ha	20750	31490	
Kendrapara	2014	Kharif,	Low production from traditional system.Non compatibility crop sequence Poor soil and fertilizer management	Assessment of intensified cropping system	Assessment	ICM	Rice- green gram, Rice-maize-ladys finger, Rice-maize-cowpea, Rice-groundnut-tomato	Irrigated medium land	13	continuing				
Kendrapara	2014-15	Rabi	Low yield and profitability due to growing of old and degenerated variety	Assessment of toria variety Sushree in irrigated medium land situation	Assessment	Varietal substitution	Toria	Irrigated	13	4.9 q/ha	6.8 q/ha	5600	12700	
Kendrapara	2014-15	Rabi	Low yield and profitability due to growing HYV paddy	Assessment of hybrid rice var. 27P31	Assessment	Varietal substitution	Rice	Irrigated medium land situation	13	49.2 q/ha	60.5 q/ha	31960	45150	
Kendrapara	2014	Kharif,	Extensive use of synthetic organic insecticides resulted resistance ,resurgence and pest out break	Assessment of chemical pesticides for management of plant hoppers in rice	Assessment	Integrated pest management	Rice	Rainfed	13	37.61 q/ha	46.38 q/ha	20893	29294	
Kendrapara	2014	Kharif,	Damage by feeding on the	Assessment of solid	Assessment	Integrated pest	Rice	Rainfed medium	13	36.61 q/ha	42.92 q/ha	18393	24296	

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)	
			sap of milky grain and turned them chaffy	formulation insecticide against rice gundhibug		managemen t		land						
Kendrapara	2014-15	Rabi	Use of chemical pesticides	Assessment of neem oil for management of fruit borer in tomato under rice based cropping system	Assessment	Integrated pest Managemen t	Tomato	Irrigated medium land	13	Yield: 348.92 q/ha	Yield: 378.07 q/ha	82460	95035	
Kendrapara	2014-15	Rabi	Drying of leaves and vine leading to reduction in fruit yield	Assessment of Chemical fungicides for management of downy mildew in Pointed gourd	Assessment	Integrated disease managemen t	Pointed gourd	Irrigated	13	continuing				
Kendrapara	2014	Kharif	High mortality of seedlings during rainy season	Assessment of low cost Aerated beds	Assessment	Vegetable cultivation		Irrigated	13					
Kendrapara	2014-15	Rabi,	Low production from local variety Non uniform maturity High incidence of disease in sucker raise cultivar	Assessment of performance of Tissue cultured banana	Assessment	Varietal substitution	Banana	Medium land, irrigated	5					
Kendrapara	2014-15	Rabi,	Low yield from local variety and poor keeping quality	Assessment of sweet potato	Assessment	Cultivation tuber crops	Sweet potato	Irrigated Medium land	13	Continuing				
Kendrapara	2014-15	Rabi,	Low yield and wilting	Assessment of high yielding variety of tomato	Assessment	Vegetable cultivation	Tomato	Irrigated	13	Continuing				
Kendrapara	2014-15	Winter	Frequent Occurrence of Fish Disease	Assessment of Biological Control of Fish	Assessment	Fish production	Fish	Rainfed	5	22.3	28.7	1,06,600	1,77,400	

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)	
			in Winter due to Bacteria and Fungal attack	Disease during Winter										
Kendrapara	2014	Kharif,	Low yield due to single harvest with Indian Major Carps (IMC) like Catla, Rohu, Mrigal No intermediary income during the culture period Avg. 65% ponds of ACZ is associated with the problem	Assessment the performance of new species in carp polyculture system	Assessment	Water management	Fish	Rainfed	5	23	T2-29.39, T3-28.5,T4-27.8	1,08,000	T2-1,80,680, T3-1,72,000, T4-1,68,600	
Kendrapara	2014	Kharif,	Mortality due to low dissolved oxygen	Assessment of $KMnO_4$ in Mitigating low dissolved oxygen condition in pond water	Assessment	Water quality management	Fish	Rainfed	5	25.5	31	1,26,000	1,88,000	
Kendrapara	2014	Kharif	Less Growth Rate	Assessment of Jayanti Rohu for maximizing Fish production	Assessment	Fish production technology	Fish	Rainfed	5	23.5	31.9	1,11,000	2,09,800	

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)
Kendrapara	Assessment of Azimsulphuron in transplanted paddy	Yield q/ha	37.5	47.3	28000	30000		48750	61490		20750	31490		1.74	2.05	
Kendrapara	Assessment of intensified cropping system		continuing		continuing											
Kendrapara	Assessment of toria variety Sushree in irrigated medium land situation	Yield q/ha	4.9	6.8	14000	14500		19600	27200		5600	12700		1.4	1.88	
Kendrapara	Assessment of hybrid rice var. 27P31	Yield q/ha	49.2	60.5	32000	33500		63960	78650		31960	45150		2.00	2.35	
Kendrapara	Assessment of chemical pesticides for management of plant hoppers in rice	Yield q/ha	37.61	46.38	28000	31000		48893	60294		20893	29294		1.75	1.94	
Kendrapara	Assessment of solid formulation insecticide against rice gundhibug	Yield q/ha	36.61	42.92	29200	31500		47593	55796		18393	24296		1.63	1.77	
Kendrapara	Assessment of neem oil for management of fruit borer in tomato under rice based cropping system	Yield q/ha	Yield: 348.92	Yield: 378.07	92000	94000		174460	189035		82460	95035		1.90	2.01	
Kendrapara	Assessment of Chemical fungicides for management of downy mildew in Pointed gourd		continuing		Continuing											
Kendrapara	Assessment of low cost Aerated					500			3000			2500			6.0	

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)
	beds															
Kendrapara	Assessment of performance of Tissue cultured banana				128000	134000		320000	379000		208000	245000		2.5	2.8	
Kendrapara	Assessment of sweet potato	continuing	Continuing													
Kendrapara	Assessment of high yielding variety of tomato	continuing	Continuing													
Kendrapara	Assessment of Biological Control of Fish Disease during Winter	Yield q/ha	22.3	28.7	161000	167000		267600	344400		106600	177400		1.66	2.06	
Kendrapara	Assessment the performance of new species in carp polyculture system	Yield q/ha	23	T2-29.39, T3-28.5,T4-27.8	168000	172000, 170000, 165000		276000	352680, 342000, 333600		108000	180680, 172000, 168600		1.64	2.05, 2.01, 2.02	
Kendrapara	Assessment of $KMnO_4$ in Mitigating low dissolved oxygen condition in pond water	Yield q/ha	25.5	31	180000	184000		306000	372000		126000	188000		1.7	2.02	
Kendrapara	Assessment of Jayanti Rohu for maximizing Fish production	Yield q/ha	23.5	31.9	171000	173000		282000	382800		111000	209800		1.64	2.21	

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
Kendrapara	2014	Kharif	Spoilage of pulses due to Insect infestation	Assessment of storage bin for storing pulses	Assessment	Storage practices	Sun drying 24 hrs. in a concrete floor followed by filling the pulses in the plastic bin top with 2 inch clean sand layer with air tight cover and store in a cool place	Pulses	Homestead	13	
Kendrapara	2014-15	Rabi	More drudgery and time involve for stripping groundnut	Assessment of groundnut stripper for drudgery reduction	Assessment	Drudgery reduction	Using of groundnut stripper for drudgery reduction	Groundnut stripper	Homestead	13	
Kendrapara	2014-15	Rabi	Non availability of suitable puffed rice variety	Screening of different rice var. For preparation of puffed rice	Assessment	Nutritional support	Milled rice grains are treated with salt water to an optimum moisture content then puffing by sand roasting method and screening for puffed rice making	puffed rice	Homestead	13	
Kendrapara	2014	Kharif	Low income from backyard poultry due to non feeding of quality feed	Assessment of poultry feed	Assessment	Livelihood support	Preparation of concentrate feed in 100kg (groundnut oil cake 20kg, dry fish 5kg, rice bran 50kg, chokad a 16kg, mineral mixture 9kg) after grazing (50-100gm/bird)	poultry	Homestead	13	

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 (Rs)		Incremental income		Yield		Net Return(Rs.)		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		
Kendrapara	Assessment of storage bin for storing pulses	-	-	-	-	-	-	-	-	-	-	-	-	1010	1060	40	290	16 kg/ bag	19kg/ unit bin	40	290	250	1.28
Kendrapara	Assessment of groundnut stripper for drudgery reduction	6 kg/hr	11 kg/hr	-	-	-	-	-	-	-	-	-	-	35000	32000		3000	6 kg/hr	11 kg/hr	52500 / ha.	55500/ ha.	3000	2.7
Kendrapara	Screening of different rice var. For preparation of puffed rice	-	-	-	-	-	-	-	-	-	-	-	-	30	30	30	40	5 times	6 times	30	40	10	3.3
Kendrapara	Assessment of poultry feed	-	-	-	-	-	-	-	-	-	-	-	-	100	140	120	190	2.2	3.3	120	190	70	2.5

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Kendrapara	Effectively controls all types of weeds (grasses, sedges and broad leaves) and economical but high cost of herbicide.
Kendrapara	OFT is continuing and effective utilization of land in rice based cropping system
Kendrapara	Toria variety Sushree gives higher yield and better for delayed sowing
Kendrapara	Hybrid rice variety 27P31 gives higher yield and good for raw rice
Kendrapara	Effect of bio pesticide for control of plant hoppers should require more study
Kendrapara	New chemicals for control of gundhi bug should be tested
Kendrapara	90 % control of stored grain pest(Pulse Beetle) and no deterioration of quality of grains
Kendrapara	79 % decrease in drudgery and saving 24 man days
Kendrapara	Rice grain of Barsa gives more expansion in volume(6.12 times) and quality is better than Pateni variety of rice
Kendrapara	Supplemental feeding of concentrated feed to back yard Banaraja gives more body weight

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
Kendrapara	Jute	Integrated weed management	Use of post emergence weedicide fenoxaprop p ethyl @75g a.i/ha at 20 DAE + manual weeding at 35 DAS effectively control weeds	Training, demonstration, group meeting, field visit etc.	7	130	91
Kendrapara	Rice	Integrated crop management	HYV paddy Manaswini is medium duration and suitable for medium land situation	Training and demonstration	6	112	84
Kendrapara	Rice	Integrated nutrient management	Rice	Training and demonstration	3	32	42
Kendrapara	Rice	Integrated weed management	Application of pre emergence chemical herbicide Oxadiargyl 80%WP @75gm/ha 3 DAT (days after transplanting)	Field day, training and TV coverage etc.	4	105	56
Kendrapara	Rice	Integrated pest management	Installation of pheromonetrap @20nos/ha along with scripolure, release of *Trichogramma Japonicum* parasitoid @40,000/ha one month after transplanting 5 times at weekly interval, need based spraying of crop with Cartap hydrochloride @1gm/lit of water	Training, group meeting, demonstration	6	135	42
Kendrapara	Mushroom	Mushroom cultivation	Soaking of straw in 2% calcium carbonate powder before preparation of mushroom bed	Training, group meeting, demonstration	12	182	65
Kendrapara	Potato	Integrated disease management	Seed treatment with Carboxin 37.5% +thiram37.5% @0.2% & Streptocycline @0.01% for 15 mins followed by shade drying and spraying with Metalxyl 8%+ Mancozeb 64% @0.2% twice at 10 days interval at 45 DAS	Training, meeting, demonstration	15	202	58
Kendrapara	Rice	Integrated disease management	Seed treatment with Tricyclazole @2g/kg of seed. Foliar spraying of crop at tillering, boot leaf and grain formation stage with Isoprothilane 40% EC @1.5ml /lit of water along with sticker	Training, demonstration, group discussion, field visit	10	150	200
Kendrapara	Banana	Cultivation of cash crop	Tissue culture banana cv. Bantala diseased free , true to type and uniform yield	Training, FLD	20	240	150
Kendrapara	Okra	Integrated nutrient management	Spraying of nitrobenzene in Okra @ 1 to 1.5 gm mix with 1 lit. of water twice after 5 to 15 days of sowing and second application after 20-30 days of 1st spraying	Training, FLD	45	400	120
Kendrapara	Tomato	Integrated nutrient management	Spraying micronutrient @2ml/lit before flowering in balanced form as Amino acid chelates stimulates physiological function like sprouting, flowering,pollination & fruiting	Training, FLD	55	350	160
Kendrapara	Watermelon	Integrated nutrient management	Application of Triacontanol @10mg/lit of water at 3-4 times weekly interval	Training, FLD	30	250	60
Kendrapara	Fish	Production technology	Rearing and maintenance of stocking density of fresh water prawn along with Catla, Silver carp & Rohu in poly culture system	Training and demonstration	10	38	10
Kendrapara	Fish	Production technology	Rearing Fish fingerling i.e. Catla, rohu and mrigal in small pond	Training and demonstration	15	65	25
Kendrapara	Fish	Integrated farming system	Indian Major Carps with horticultural crops (banana, lemmon graft, mango poultry and duckery)	Training and demonstration	15	425	22
Kendrapara	Fish	Biological control	Cultivation of grass carp in farmer pond to control weed	Training and demonstration	4	120	-

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**

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
Kendrapara	2014	Kharif,	Varietal substitution	Growing of Sahabhagi Dhan in rainfed upland situation	Rice	Sahabagi dhan		31.2	37.5	20.19				5	5
Kendrapara	2014-15	Rabi,	Integrated crop management	HYV paddy Manaswini is medium duration and suitable for medium land situation	Rice	Manaswini		39.2	44.8	14.29				5	5
Kendrapara	2014	Kharif,	Integrated weed management	Bispyribac sodium in direct seeded paddy @ 200 ml/ha at 10 days after sowing	Rice	Pooja		36.8	48.4	31.52				5	5
Kendrapara	2014	Kharif,	Integrated weed management	Use of weedicide Imazethapyr @ 0.7kg at 20 days after sowing controls weed effectively	Groundnut	Devi		20.5	24.8	20.98				5	5
Kendrapara	2014	Kharif,	Integrated pest management	Management of stem borer through the use of chemical insecticides	Rice	Swarna		37	44.4	20.00				5	5
Kendrapara	2014	Kharif,	Mushroom cultivation	Soaking of straw in 2% calcium carbonate powder before preparation of mushroom bed	Mushroom	*Volvariella volvacea*		100	152	52				5	5
Kendrapara	2014-15	Rabi	Integrated disease management	Seed treatment with Carboxin 37.5% +thiram37.5% @0.2% & Streptocycline @0.01% for 15 mins followed by shade drying and spraying with Metalxyl 8%+ Mancozeb 64% @0.2% twice at 10 days interval at 45 DAS	Potato	Kufri chandramukhi		288.4	322.2	11.72				5	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	Others	General	Total
Kendrapara	2014	Summer	Integrated disease management	Foliar spraying of Isoprothaline 40%EC @1.5ml/litre of water along with sticker at tillering, boot leaf and grain formation stage	Rice	Lalat	1.0	38	46.6	22.63				5	5
Kendrapara	2014-15	Kharif,	IFS	Top inner and outer dykes of pond will be used for planting of vegetable & fruits	Vegetable and fruit	Banana (cv.TCB Bantala) papaya (cv.Redlady) Vegetable- Brinjal (cv.Arka Nilanchal shyam)Tomato (cv. Utkal Pragyan)	1.0	-	-	-			5		5
Kendrapara	2014-15	Rabi	Varietal substitution	Globular in shape with light red colour and Bulb size 4 to 6 cm Duration-165 days, Potential yield 250q/ha.	Onion	Agri found light red		145	165	14	1	0	4	0	5
Kendrapara	2014-15	Kharif	Integrated nutrient management	Nutrient management in brinjal with soil test based RDF(125:80:110kg NPK/ha) and application of ZnSo4(0.5%) at 30 days and 60 days interval and CuSo4 (0.15%) at 30 days interval	Brinjal	Blue star	1.0	327	359	13	0	0	5	0	5
Kendrapara	,2014-15	Rabi	Varietal replacement	Red Lady is gynodioecious variety, suitable to varied climatic conditions	Papaya	Red lady	1.0	238	298	25	0	0	5	0	5
Kendrapara	Fish production	Kharif, 2014-15	Fish production technology	Floating type feed to be given to the fish at the rate 4 % of body weight	Floating type	Demonstration on FCR of floating feed	1.0	24.5	35.8	46.12				5	5
Kendrapara	Fish production technology	Kharif, 2014	Fish production technology	4000 No's of IMC at the ratio 30:40:30 per acre	Maintenance of proper ratio of IMC based on water layer	Multiple Stocking and Multiple Harvesting	1.0	23.2	29.8	28.44				5	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	Others	General	Total
Kendrapara	IFS	Kharif, 2014	Integrated farming System	Colour Bird rearing with pisciculture in pond based farming	Banaraja, More production of Fish meat and egg	Colour Bird rearing with pisciculture in pond based farming	1.0	00	3.5 2750 eggs					5	5
Kendrapara	Fish Production Technology	Kharif, 2014	Fish production technology	Application of CIFAX@ 1 litre /ha in 5 ft water for once in a month for control of EUS disease in Fish	Application of CIFAX 1 litre /ha to control EUS Disease	Application of CIFAX	1.0	21.0	28.5	35.71				5	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)
Kendrapara	Growing of Sahabhagi Dhan in rainfed upland situation	Rice	Yield	31.2	37.5	25000	26000	40560	48750	**15560**	**22750**	1.62	1.88
Kendrapara	HYV paddy Manaswini is medium duration and suitable for medium land situation	Rice	Yield	39.2	44.8	30000	30500	50960	58240	**20960**	**27740**	1.70	1.91
Kendrapara	Bispyribac sodium in direct seeded paddy @ 200 ml/ha at 10 days after sowing	Rice	Yield	36.8	48.4	30000	31000	47840	62920	**17840**	**31920**	1.59	2.03

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)
Kendrapara	Use of weedicide Imazethapyr @ 0.7kg at 20 days after sowing controls weed effectively	Groundnut	Yield	20.5	24.8	33000	34000	71750	86800	**38750**	**52800**	2.17	2.55
Kendrapara	Management of stem borer through the use of chemical insecticides	Rice	Yield	37	44.4	29320	31228	48100	57720	18780	26492	1.64	1.85
Kendrapara	Soaking of straw in 2% calcium carbonate powder before preparation of mushroom bed	Mushroom	Yield	100	152	6000	6500	12000	18240	6000	11740	2.0	2.81
Kendrapara	Seed treatment with Carboxin 37.5% +thiram37.5% @0.2% & Streptocycline @0.01% for 15 mins followed by shade drying and spraying with Metalxyl 8%+ Mancozeb 64% @0.2% twice at 10 days interval at 45 DAS	Potato	Yield	288.4	322.2	93000	95000	173040	193320	80040	98320	1.86	2.03

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)
Kendrapara	Foliar spraying of Isoprothaline 40%EC @1.5ml/litre of water along with sticker at tillering, boot leaf and grain formation stage	Rice	Yield	38	46.6	29320	32100	49400	60580	20080	28480	1.68	1.89
Kendrapara	Top inner and outer dykes of pond will be used for planting of vegetable & fruits	Vegetable and fruit	Yield			7700	12000	15700	38600	8000	26600	2.03	3.2
Kendrapara	Globular in shape with light red colour and Bulb size 4 to 6 cm. Duration-165 days, Potential yield 250q/ha.	Onion	Yield	92	153	48700	61000	153000	230000	104300	142000	3.1	3.3
Kendrapara	Nutrient management in brinjal with soil test based RDF(125:80:110kg NPK/ha) and application of ZnSo4(0.5%) at 30 days and 60 days interval and CuSo4 (0.15%) at 30 days interval	Brinjal	Yield	265	350	36600	52000	100700	155000	64000	103000	2.7	3.0
Kendrapara	Red Lady is gynodioecious variety, suitable to varied climatic conditions	Papaya	Yield	233	298	38000	29000	109000	149000	80000	110000	3.7	3.9

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)
Kendrapara	Floating type feed to be given to the fish at the rate 4 % of body weight	Fish	Yield	24.5	35.8	161000	180000	294000	429600	133000	249600	1.83	2.39
Kendrapara	4000 No's of IMC at the ratio 30:40:30 per acre	Fish	Yield	23.2	29.8	162000	173000	278400	357600	116400	184600	1.72	2.07
Kendrapara	Colour Bird rearing with pisciculture in pond based farming	Poultry	Fish Yield, Meat yield egg	24.1, 0, 0	29.5,3.5,1950	157000,0,0	171000,1800,0	289200,0,0	354000,49000,9750	132200,0,0	183000,31000,9750		
Kendrapara	Application of CIFAX@ 1 litre /ha in 5 ft water for once in a month for control of EUS disease in Fish	Fish	Yield	21	28.5	156000	168000	252000	342000	96000	174000	1.62	2.04

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/Enterprises	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Kendrapara	2014-15	Rabi	Mushroom cultivation,	Bio-efficiency of P. sajarcajus is less (60%-80%)	Cultivation of *cv: p. eryngii* in scientific way -	Mushroom	*p. eryngii*	Home stead	60beds	10
Kendrapara	2014-15	Summer	Nutritional security	Spoilage of perishable vegetable	Outdoor structure by using locally available materials like bamboo, bricks, sand, paddy straw and mud pot to preserve green vegetables	Vegetable	Enhance the self life of vegetables	Home stead		10
Kendrapara	2014	Kharif,	Livestock production	Low profitability	Rearing of cross breed duckling (DK) in	Duck	DK	Home stead	50	10

				from desi duck	backyard					
Kendrapara	2014-15	Rabi	Production of colour fish	Non availability of colour/ornamental fish	Rearing live bearer of aquarium colour fish black mouli and red mouli	Fish	black mouli and red mouli	Home stead	250 nos.	10

3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																				
		Output m^2/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		
Kendrapara	Cultivation of *cv: p. eryngii* in scientific way -	-	-	-	-	-	-	-	-	-	-	-	-	25	25	-	38%	1.8	2.5	90	125	35	3.6: :4.0
Kendrapara	Outdoor structure by using locally available materials like bamboo, bricks, sand, paddy straw and mud pot to preserve green vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-	-		33.3	1.8	2.4	42	66	24	2.2::1.4
Kendrapara	Rearing of cross breed duckling (DK) in backyard	-	-	-	-	-	-	-	-	-	-	-	-	50	70		71.12	0.7	1.2	27	62	35	1.89::1.89
Kendrapara	Rearing live bearer of aquarium colour fish black mouli and red mouli	-	-	-	-	-	-	-	-	-	-	-	-	16200	20500		87.44	100 Pairs	100 Pairs	6100	26300	20100	2.0 ::1.3

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Kendrapara	Rice	Field days	0	0	
		Farmers Training	1	25	
		Media coverage	2	100	
		Training for extension functionaries	0	0	
Kendrapara	Rice	Field days	0	0	
		Farmers Training	1	25	

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
		Media coverage	0	0	
		Training for extension functionaries	0	0	
Kendrapara	Rice	Field days	0	0	
		Farmers Training	1	25	
		Media coverage	0	0	
		Training for extension functionaries	1	15	
Kendrapara	Groundnut	Field days	0	0	
		Farmers Training	1	25	
		Media coverage	1	50	
		Training for extension functionaries	1	15	
Kendrapara	Rice	Field days	0	0	
		Farmers Training	1	25	
		Media coverage	4	10	
		Training for extension functionaries	1	25	
Kendrapara	Mushroom	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Kendrapara	Potato	Field days			
		Farmers Training	1	25	
		Media coverage	2	20	
		Training for extension functionaries	1	30	
Kendrapara	Rice	Field days			
		Farmers Training	1	25	
		Media coverage	1	10	
		Training for extension functionaries			
Kendrapara	Vegetable and fruit	Field days			
		Farmers Training			
		Media coverage			
		Training for extension functionaries			
Kendrapara	Onion	Field days			
		Farmers Training			
		Media coverage			
		Training for extension functionaries			
Kendrapara	Brinjal	Field days			
		Farmers Training			
		Media coverage			
		Training for extension functionaries			
Kendrapara	Papaya	Field days			
		Farmers Training			
		Media coverage			

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
		Training for extension functionaries			
Kendrapara	Fish	Field days			
		Farmers Training	1	25	
		Media coverage	1	30	
		Training for extension functionaries			
Kendrapara	Fish	Field days			
		Farmers Training	1	25	
		Media coverage	1	40	
		Training for extension functionaries			
Kendrapara	Fish & Colour bird	Field days			
		Farmers Training	1	25	
		Media coverage	1	30	
		Training for extension functionaries			
Kendrapara	Fish	Field days			
		Farmers Training	1	25	
		Media coverage	4	100	
		Training for extension functionaries			
Kendrapara	Mushroom	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Kendrapara	Vegetables	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries	1	15	
Kendrapara	Duck	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Kendrapara	Colour Fish	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			

3.7 Details of FLD on crop hybrids : NIL

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
Kendrapara	**Well adapted by 385 farmers and covers 185ha**	Growing of Sahabhagi Dhan in rainfed upland situation	**Shabhagi dhan under stress condition (dry spell) gives higher**	**Horizontal expansion 345 ha**

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
			yield and return	
Kendrapara	**Well adapted by 450 farmers and covers 220 ha**	HYV paddy Manaswini is medium duration and suitable for medium land situation	**Gives higher yield under medium land situation, tolerant to blast and sheath blight**	**Horizontal expansion 455 ha**
Kendrapara	**Well adapted by 120 farmers in 55 ha**	Bispyribac sodium in direct seeded paddy @ 200 ml/ha at 10 days after sowing	**Post emergence herbicides controls effectively grassy weeds and sedges**	**Horizontal expansion 200 ha**
Kendrapara	**Well adapted by 100 farmers in 45ha**	Use of weedicide Imazethapyr @ 0.7kg at 20 days after sowing controls weed effectively	**Controls all types of weeds and reduces drudgery and cost of cultivation**	**Horizontal expansion 150 ha**
Kendrapara	**Appreciated and adapted by 50 Nos. of SHG's**	Cultivation of cv: p. eryngii in scientific way	**Bio-efficiency is more than that of P.sajarcaju**	**Horizontal expansion 150 Nos. of SHG's**
Kendrapara	**Appreciated and adapted by 140 Nos. of farm women**	Outdoor structure by using locally available materials like bamboo, bricks, sand, paddy straw and mud pot to preserve green vegetables	**Structure can be created using locally available materials with low cost and easy to maintain**	**Horizontal expansion 300 nos. of farm women**
Kendrapara	**Appreciated and adapted by 200 Nos. of farm women**	Rearing of duck (DK) in backyard	**Adaptable to the farming situation and mortality rate is lower than desi birds.**	**Horizontal expansion 300 nos. of farm women**
Kendrapara	**Appreciated and adapted by 100 Nos. of farm women**	Rearing live bearer of aquarium colour fish black mouli and red mouli	**Appreciated by the farmers as ornamental fish for decorative purpose**	**Horizontal expansion 250 nos. of farm women**

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

5.1 Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved

Table 5.2 Details of Training programmes conducted by the KVKs

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. ofCourses	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
Kendrapara	FW	ONC	CRP	Integrated Farming system for livelihood security	1	2	25	0	0	0	0	0	0	0
Kendrapara	FW	ONC	CRP	Inter cropping for higher yield and sustainability	1	2	25	0	0	0	0	0	0	0
Kendrapara	FW	OFC	CRP	Integrated Nutrient Management in Jute	1	1	2	0	13	10	0	0	0	0
Kendrapara	FW	OFC	CRP	Integrated Weed management in jute	1	1	16	6	3	0	0	0	0	0
Kendrapara	FW	OFC	CRP	Liming of Acid soil for higher productivity	1	1	21	1	3	0	0	0	0	0
Kendrapara	FW	OFC	CRP	Integrated weed management in paddy	1	1	5	0	20	0	0	0	0	0
Kendrapara	FW	OFC	CRP	Use of bio-fertilizer in paddy	1	1	18	0	5	0	2	0	0	0
Kendrapara	FW	OFC	CRP	Use of Biofertiliser in Pulses (greengram,blackgram)	1	1	23	2	0	0	0	0	0	0
Kendrapara	FW	OFC	CRP	Gypsum application in oilseed crops (ground nut, mustard)	1	1	21	3	1	0	0	0	0	0
Kendrapara	FW	OFC	CRP	SRI method of rice cultivation to mitigate climate change	1	1	2	0	6	17	0	0	0	0
Kendrapara	FW	OFC	CRP	Integrated weed management in groundnut	1	1	23	0	2	0	0	0	0	0
Kendrapara	FW	OFC	CRP	Integrated nutrient management in hybrid rice	1	1	21	0	4	0	0	0	0	0
Kendrapara	RY	ONC	CRP	Vermicompost production for self employment	1	3	13	1	1	0	0	0	0	0
Kendrapara	RY	ONC	CRP	Certified Seed production for self employment	1	3	15	0	0	0	0	0	0	0
Kendrapara	IS	ONC	CRP	Organic farming for sustainable agriculture	1	1	13	2	0	0	0	0	0	0
Kendrapara	FW	ONC	HOO	Propagation technique of ornamental plants	1	1	22	0	3	0	0	0	0	0
Kendrapara	FW	OFC	HOV	Commercial cultivation of improved variety of Ginger & Turmeric.	1	1	12	3	10	0	0	0	0	0
Kendrapara	FW	OFC	HOV	Pond based farming system	1	1	11	6	8	0	0	0	0	0
Kendrapara	FW	OFC	HOV	Nursery raising in vegetable crops like brinjal, chilli, cabbage,	1	1	25	0	0	0	0	0	0	0

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. ofCourses	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
				cauliflower & tomato										
Kendrapara	FW	OFC	HOV	Improved technologies of Banana cultivation	1	1	20	0	5	0	0	0	0	0
Kendrapara	FW	OFC	HOV	Integrated nutrient management in brinjal	1	1	14	11	0	0	0	0	0	0
Kendrapara	FW	OFC	HOV	Cultivation of high value and low volume crop like broccoli, red cabbage and capsicum	1	1	17	3	3	2	0	0	0	0
Kendrapara	FW	OFC	HOV	Cultivation and fertilizer management in rabi onion	1	1	23	2	0	0	0	0	0	0
Kendrapara	FW	OFC	HOF	Harvesting, Grading and standardization of potato	1	1	20	5	0	0	0	0	0	0
Kendrapara	FW	OFC	HOV	Production technology of tuber crops	1	1	25	0	0	0	0	0	0	0
Kendrapara	FW	OFC	HOO	Cultivation techniques of Sweet Potato	1	1	11	2	12	0	0	0	0	0
Kendrapara	FW	ONC	HOF	Planting technique of different fruit crops	1	1	6	19	0	0	0	0	0	0
Kendrapara	RY	ONC	HOO	Scope & prospectus of horticulture based small scale industries in Orissa	1	2	15	0	0	0	0	0	0	0
Kendrapara	RY	ONC	HOO	Commercial cultivation of Gladioli, Tube Rose & Marigold.	1	2	15	0	0	0	0	0	0	0
Kendrapara	FW	OFC	PLP	Care and management of paddy straw mushroom in summer season	1	1	9	16	0	0	0	0	0	0
Kendrapara	FW	OFC	PLP	Safe and judicious use of pesticide	1	1	0	0	8	17	0	0	0	0
Kendrapara	FW	OFC	PLP	Seed borne diseases of paddy and their management	1	1	22	0	3	0	0	0	0	0
Kendrapara	FW	OFC	PLP	Integrated pest management in Kharif paddy	1	1	25	0	0	0	0	0	0	0
Kendrapara	FW	OFC	PLP	Integrated disease management in Kharif paddy	1	1	20	0	5	0	0	0	0	0
Kendrapara	FW	OFC	PLP	Disease management in banana	1	1	0	0	4	21	0	0	0	0
Kendrapara	FW	OFC	PLP	Pests of Brinjal and their management.	1	1	25	0	0	0	0	0	0	0
Kendrapara	FW	OFC	PLP	Disease management in chilli	1	1	21	0	4	0	0	0	0	0
Kendrapara	FW	OFC	PLP	Disease management of cauliflower	1	1	21	0	4	0	0	0	0	0
Kendrapara	RY	ONC	PLP	Self employment through Paddy straw mushroom cultivation	1	2	17	0	3	0	0	0	0	0
Kendrapara	RY	ONC	PLP	Self employment through oyster mushroom cultivation	1	2	11	0	2	2	0	0	0	0

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. ofCourses	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
Kendrapara	IS	ONC	PLP	Botanicals and bio-agent used for control of pests of paddy	1	1	8	1	1	0	0	0	0	0
Kendrapara	FW	ONC	FIS	Seed production in portable FRP carp hatchery	1	2	20	0	5	0	0	0	0	0
Kendrapara	FW	ONC	FIS	Seed production in portable FRP carp hatchery	1	2	19	0	6	0	0	0	0	0
Kendrapara	FW	ONC	FIS	Supplementary feeding in pisciculture tank	1	2	23	0	2	0	0	0	0	0
Kendrapara	FW	ONC	FIS	Floating fish feed management in pisciculture tanks	1	2	21	0	4	0	0	0	0	0
Kendrapara	FW	ONC	FIS	Integrated farming system	1	2	2	23	0	0	0	0	0	0
Kendrapara	FW	ONC	FIS	Prophylaxis and fish disease control in pisciculture tanks	1	2	16	0	9	0	0	0	0	0
Kendrapara	FW	OFC	FIS	Fish Pond preparation	1	1	3	17	1	4	0	0	0	0
Kendrapara	FW	OFC	FIS	Liming of Fish Pond	1	1	21	0	4	0	0	0	0	0
Kendrapara	FW	OFC	FIS	Fry and fingerling rearing	1	1	21	2	2	0	0	0	0	0
Kendrapara	FW	OFC	FIS	Preparation of prawn pickles	1	1	17	0	8	0	0	0	0	0
Kendrapara	FW	OFC	FIS	Fish cum duck farming in small backyard tanks	1	1	21	0	4	0	0	0	0	0
Kendrapara	FW	OFC	FIS	Multiple stocking and multiple harvesting method of pisciculture	1	1	21	2	2	0	0	0	0	0
Kendrapara	RY	ONC	FIS	Value addition product of prawn and fish	1	2	12	0	3	0	0	0	0	0
Kendrapara	RY	ONC	FIS	Pen and cage culture	1	2	12	0	3	0	0	0	0	0
Kendrapara			FIS	Integrated farming system	1	1	12	3	0	0	0	0	0	0
Kendrapara	FW	OFC	WOE	Rearing of colour fish by SHG groups	1	1	0	18	0	7	0	0	0	0
Kendrapara	FW	OFC	WOE	Vaccination of poultry birds	1	1	0	15	0	10	0	0	0	0
Kendrapara	FW	ONC	WOE	Value addition of mango	1	2	0	10	0	15	0	0	0	0
Kendrapara	FW	OFC	WOE	Mushroom cultivation for landless farm women	1	1	0	23	0	2	0	0	0	0
Kendrapara	FW	OFC	WOE	Value addition of rice	1	1	0	22	0	3	0	0	0	0
Kendrapara	FW	OFC	WOE	Backyard seasonal greens cultivation	1	1	0	24	0	1	0	0	0	0
Kendrapara	FW	ONC	WOE	Mushroom pickle making	1	2	0	14	0	11	0	0	0	0
Kendrapara	FW	OFC	WOE	Preparation of vermipit for vermicomposting	1	1	0	23	0	2	0	0	0	0
Kendrapara	FW	ONC	WOE	Poultry feed preparation	1	1	0	18	0	7	0	0	0	0
Kendrapara	FW	OFC	WOE	Use of groundnut stripper as drudgery reduction	1	1	0	15	0	10	0	0	0	0

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. ofCourses	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
Kendrapara	FW	ONC	WOE	Preparation of masala powder	1	2	0	23	0	2	0	0	0	0
Kendrapara	FW	ONC	WOE	Value addition of guava	1	2	0	22	0	3	0	0	0	0
Kendrapara	RY	ONC	WOE	Mushroom spawn production	1	2	0	14	0	1	0	0	0	0
Kendrapara	RY	ONC	WOE	Preparation of mixed pickle, squash and juces from citrus fruit	1	2	0	5	0	10	0	0	0	0
Kendrapara	IS	ONC	WOE	Construction of zero energy cool chamber for preservation of fruits and vegetables	1	2	7	7	1	0	0	0	0	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
Kendrapara	Integrated farming system model for self employment	IFS	Integrated farming	05	2	0	0	0	8	0	0	0
Kendrapara	Bee keeping for profit and pleasure	Enterprise	Bee keeping	05	10	0	0	0	0	0	0	0
Kendrapara	Nursery management practices	Crop	Planting material production	05								
Kendrapara	Fry and fingerling rearing	Crop	Production technology	02	2	0	0	0	8	0	0	0
Kendrapara	Value added products from jute	enterprise	Value addition	03	0	1	0	0	0	14	0	0

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	

Table 5.4. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	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

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	

Kendrapara	Integrated Farming system for livelihood security	25	3	8			88000	173000	1.Area expanded (ha):,2.No. of farmers adopted (no.): 45,3.% change in knowledge:50,4.% change in production : , 5.% change in Income:96.59
Kendrapara	Inter cropping for higher yield and sustainability	25	2	7	37	48	37000	47000	1.Area expanded (ha):,2.No. of farmers adopted (no.):, 3.% change in knowledge:,4.% change in production,5.% change in Income : 27.03
Kendrapara	Integrated Nutrient Management in Jute	25	4	8	23	31	7000	13000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 345,3.% change in knowledge: 40,4.% change in production :45,5.% change in Income : 85.71
Kendrapara	Integrated Weed management in jute	25	2	8	21	33	6000	13000	1.Area expanded (ha):,2.No. of farmers adopted (no.):245 ,3.% change in knowledge: 60,4.% change in production : 65,5.% change in Income :116.67
Kendrapara	Liming of Acid soil for higher productivity	25	3	8	37	43	8000	12500	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 500,3.% change in knowledge:50,4.% change in production:35,5.% change in Income :56.25
Kendrapara	Integrated weed management in paddy	25	3	8	33	42	12000	17000	1.Area expanded (ha):,2.No. of farmers adopted (no.): 420,3.% change in knowledge:50, 4.% change in production:40, 5.% change in Income : 41.67
Kendrapara	Use of bio-fertilizer in paddy	25	2	6	32	38	13000	18000	1.Area expanded (ha):,2.No. of farmers adopted (no.): ,3.% change in knowledge:, 4.% change in production, 5.% change in Income : 38.46
Kendrapara	Use of Biofertiliser in Pulses (greengram,blackgram)	25	4	8	5	8.5	14000	18000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 200, 3.% change in knowledge:26, 4.% change in production:30, 5.% change in Income : 28.57
Kendrapara	Gypsum application in oilseed crops (ground nut, mustard)	25	3	8	18	23	17000	24000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 450, 3.% change in knowledge:50, 4.% change in production:62.5,5.% change in Income : 41.18
Kendrapara	SRI method of rice cultivation to mitigate climate change	25	2	7	35	46	15000	19000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 720, 3.% change in knowledge:50, 4.% change in production:31.4, 5.% change in Income : 26.67
Kendrapara	Integrated weed management in groundnut	25	3	8	19	26	14000	25000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 155, 3.% change in knowledge:50, 4.% change in production:34.1, 5.% change in Income : 78.57
Kendrapara	Integrated nutrient management in hybrid rice	25	2	7	41	55	15000	24000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 380, 3.% change in knowledge:50, 4.% change in production:34.1, 5.% change in Income : 60
Kendrapara	Vermicompost production for self employment	15	3	8	3	10	4000	7000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 76, 3.% change in knowledge:50, 4.% change in production:23.3, 5.% change in Income : 75
Kendrapara	Certified Seed production for self employment	15	3	8	38	46	14000	19000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 45, 3.% change in knowledge:50, 4.% change in production:21, 5.% change in Income : 35.71
Kendrapara	Organic farming for sustainable agriculture	15	2	8	36	42	15000	17000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 107, 3.% change in knowledge:60, 4.% change in production:16,5.% change in Income : 13.33
Kendrapara	Propagation technique of ornemental plants	25							1.Area expanded (ha):, 2.No. of farmers adopted (no.):, 3.% change in knowledge:,4.% change in production, 5.% change in Income

Kendrapara	Commercial cultivation of improved variety of Ginger & Turmeric.	25	2	6					1.Area expanded (ha):, 2.No. of farmers adopted (no.): ,3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Pond based farming system	25							1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:,4.% change in production,5.% change in Income
Kendrapara	Nursery raising in vegetable crops like brinjal, chilli, cabbage, cauliflower & tomato	25							1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:,4.% change in production, 5.% change in Income
Kendrapara	Improved technologies of Banana cultivation	25							1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Integrated nutrient management in brinjal	25							1.Area expanded (ha):, 2.No. of farmers adopted (no.): ,3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Cultivation of high value and low volume crop like broccoli, red cabbage and capsicum	25							1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Cultivation and fertilizer management in rabi onion	25							1.Area expanded (ha): , 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Harvesting, Grading and standardization of potato	25							1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Production technology of tuber crops	25							1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Cultivation techniques of Sweet Potato	25							1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Planting technique of different fruit crops	25							1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Scope & prospectus of horticulture based small scale industries in Orissa	15							1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Commercial cultivation of Gladioli, Tube Rose & Marigold.	15							1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Care and management of paddy straw mushroom in summer season	25	3	7	1	1.5	100	150	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 320, 3.% change in knowledge:120, 4.% change in production : 50, 5.% change in Income : 50
Kendrapara	Safe and judicious use of pesticide	25	1	6	35	45	10000	15000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 450, 3.% change in knowledge:50, 4.% change in production : 100, 5.% change in Income : 50

Kendrapara	Seed borne diseases of paddy and their management	25	2	6	35	45	10000	15000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 320,3.% change in knowledge:50, 4.% change in production : 100, 5.% change in Income : 50
Kendrapara	Integrated pest management in Kharif paddy	25	3	7	30	40	10000	16000	1.Area expanded (ha):, 2.No. of farmers adopted (no.):350, 3.% change in knowledge:120, 4.% change in production 33, 5.% change in Income 60
Kendrapara	Disease management in banana	25	2	6	80	110	140000	180000	1.Area expanded (ha): 2.No. of farmers adopted (no.): 310, 3.% change in knowledge:200, 4.% change in production : 37, 5.% change in Income 28.5
Kendrapara	Pests of Brinjal and their management.	25	3	7	150	200	75000	100000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 255, 3.% change in knowledge:13, 4.% change in production:33, 5.% change in Income:33
Kendrapara	Disease management in chilli	25	3	5	40	50	200000	250000	1.Area expanded (ha), 2.No. of farmers adopted (no.): 130, 3.% change in knowledge:66, 4.% change in production:25, 5.% change in Income : 25
Kendrapara	Disease management of cauliflower	25	2	6	20	25	150000	200000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 280, 3.% change in knowledge:50, 4.% change in production : 25, 5.% change in Income :33
Kendrapara	Self employment through Paddy straw mushroom cultivation	25	3	7	1	1.5	100	150	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 320, 3.% change in knowledge:120, 4.% change in production : 50, 5.% change in Income : 50
Kendrapara	Self employment through oyster mushroom cultivation	15	3	7	1	1.5	100	150	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 320, 3.% change in knowledge:120, 4.% change in production : 50, 5.% change in Income : 50
Kendrapara	Botanicals and bio-agent used for control of pests of paddy	10	3	7	30	40	10000	16000	1.Area expanded (ha):, 2.No. of farmers adopted (no.):350 , 3.% change in knowledge:120, 4.% change in production 33, 5.% change in Income 60
Kendrapara	Seed production in portable FRP carp hatchery	25	0	7	0	10,00,000 in one set	0	7000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Supplementary feeding in pisciculture tank	25	2	8	2.0 ton	2.8 ton	120000	192000	1.Area expanded (ha):, 2.No. of farmers adopted (no.):, 3.% change in knowledge:,4.% change in production,5.% change in Income
Kendrapara	Floating fish feed management in pisciculture tanks	25	3	8	2.42 ton	3.1 ton	128000	209000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Integrated farming system	25	1	7	2.1 ton (Fish),20 q/acre	2.5 ton(Fish),25 q/acre,20q vegetable	140000	264000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:,4.% change in production,5.% change in Income
Kendrapara	Prophylaxis and fish disease control in pisciculture tanks	25	1	6	2.1 ton	3.22 ton	128000	211000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): ,3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Fish Pond preparation	25	4	8	2.33 ton	2.8 ton	135000	204000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): ,3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Liming of Fish Pond	25	3	8	2.41 ton	2.93 ton	146000	206000	1.Area expanded (ha):,2.No. of farmers adopted (no.):, 3.% change in knowledge:, 4.% change in production, 5.% change in Income

Kendrapara	Fry and fingerling rearing	25	2	7	100000 no yearling	300000 no yearling	100000	205000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Preparation of prawn pickles	25	0	5	NIL	10kg	NIL	5000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge: 4.% change in production, 5.% change in Income
Kendrapara	Fish cum duck farming in small backyard tanks	25	2	8	2.1 ton (Fish)	2.9 ton (Fish)+ 200 duck	120000	211000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:,4.% change in production, 5.% change in Income
Kendrapara	Multiple stocking and multiple harvesting method of pisciculture	25	2	8	2.33 ton	3.51 ton	141000	274000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production,5.% change in Income
Kendrapara	Value addition product of prawn and fish	15	0	5	NIL	12 kg	NIL	7200	1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Pen and cage culture	15	0	6	NIL	5 q	NIL	60000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:, 4.% change in production, 5.% change in Income
Kendrapara	Rearing of colour fish by SHG groups	25	0	8	NIL	112 pair	NIL	3000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): 10, 3.% change in knowledge:5, 4.% change in production:100, 5.% change in Income:300
Kendrapara	Vaccination of poultry birds	25	2	7	50%	20%	42000	72000	1.Area expanded (ha):-, 2.No. of farmers adopted (no.): 15, 3.% change in knowledge:20, 4.% change in production:30, 5.% change in Income:80
Kendrapara	Value addition of mango	25	3	8	50%	100%	2000	8000	1.Area expanded (ha):-, 2.No. of farmers adopted (no.): 25, 3.% change in knowledge:60, 4.% change in production:70, 5.% change in Income:300
Kendrapara	Mushroom cultivation for landless farm women	25	3	8	0.8 kg	1.4 kg	8000	12000	1.Area expanded (ha):-, 2.No. of farmers adopted (no.):20 , 3.% change in knowledge:20, 4.% change in production:30, 5.% change in Income:50
Kendrapara	Value addition of rice	25	3	7	10q	20q	5000	9000	1.Area expanded (ha):-, 2.No. of farmers adopted (no.): 15, 3.% change in knowledge:20, 4.% change in production25, 5.% change in Income30
Kendrapara	Backyard seasonal greens cultivation	25	4	8	70	110	1000	4000	1.Area expanded (ha):-, 2.No. of farmers adopted (no.): 10, 3.% change in knowledge:10, 4.% change in production70, 5.% change in Income300
Kendrapara	Mushroom pickle making	25	0	9	NIL	40kg	4000	8000	1.Area expanded (ha):-, 2.No. of farmers adopted (no.): 8, 3.% change in knowledge:15, 4.% change in production100, 5.% change in Income100
Kendrapara	Preparation of vermipit for vermicomposting	25	2	7	100	500	100	1500	1.Area expanded (ha):30 unit, 2.No. of farmers adopted (no.)10:, 3.% change in knowledge:70,4.% change in production20, 5.% change in Income-
Kendrapara	Poultry feed preparation	25	1	6	50	29	-	6000	1.Area expanded (ha):, 2.No. of farmers adopted (no.):5 , 3.% change in knowledge:60%, 4.% change in production, 5.% change in Income
Kendrapara	Use of groundnut stripper as drudgery reduction	25	0	5	10	10	300	3000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:50%, 4.% change in production90%, 5.% change in Income

Kendrapara	Preparation of masala powder	25	2	6	10	60	1000	5000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:30%, 4.% change in production, 5.% change in Income
Kendrapara	Value addition of guava	25	1	7	20	100	1600	10000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:70%,4.% change in production, 5.% change in Income
Kendrapara	Mushroom spawn production	15	2	8	1600	6000	5200	52000	1.Area expanded (ha):,2.No. of farmers adopted (no.): ,3.% change in knowledge:40%, 4.% change in production, 5.% change in Income
Kendrapara	Preparation of mixed pickle, squash and juces from citrus fruit	15	3	8	30	90	3000	9000	1.Area expanded (ha):, 2.No. of farmers adopted (no.): , 3.% change in knowledge:2%, 4.% change in production, 5.% change in Income
Kendrapara	Construction of zero energy cool chamber for preservation of fruits and vegetables	15	1	6	20	60	2000	24000	1.Area expanded (ha):,2.No. of farmers adopted (no.):, 3.% change in knowledge:60%,4.% change in production, 5.% change in Income

1. 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			
Kendrapara	Field Day	20	0									
Kendrapara	Kisan Mela	02	02	200	102	50	48	5	2			
Kendrapara	Kisan Ghosthi	-	02									
Kendrapara	Exhibition	03	04	Mass						Extension of technologies		
Kendrapara	Film Show	10	03									
Kendrapara	Method Demonstrations	23	23	275	60	15	10	35	15			
Kendrapara	Farmers Seminar		1									
Kendrapara	Workshop	0	0	0	0	0	0	0	0			
Kendrapara	Group meetings	20	36	502	88	150	52	0	0			
Kendrapara	Lectures delivered as resource persons	30	40	536	275	155	120	0	0			
Kendrapara	Newspaper coverage	04	07	Mass								
Kendrapara	Radio talks	10	08	Mass								
Kendrapara	TV talks	15	40	Mass								
Kendrapara	Popular articles	10	3	Mass								
Kendrapara	Extension Literature	08	2	550	250	300	200	55	50			
Kendrapara	Farm advisory Services	53	65	220	55	150	155	0	0			
Kendrapara	Scientific visit to farmers field	378	199									
Kendrapara	Farmers visit to KVK	2000	2078									
Kendrapara	Diagnostic visits	150	190									
Kendrapara	Exposure visits	0	0	0	0	0	0	0	0			
Kendrapara	Ex-trainees Sammelan	02	02	50	25	15	10	0	0			

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			
Kendrapara	Soil health Camp	01	0	0	0	0	0	0	0			
Kendrapara	Animal Health Camp	01	0	0	0	0	0	0	0			
Kendrapara	Agri mobile clinic	01	0	0	0	0	0	0	0			
Kendrapara	Soil test campaigns	0	0	0	0	0	0	0	0			
Kendrapara	Farm Science Club conveners meet	5	0	0	0	0	0	0	0			
Kendrapara	Self Help Group conveners meetings	5	02	0	25	0	50	0	0			
Kendrapara	Mahila Mandals conveners meetings	0	0	0	0	0	0	0	0			
Kendrapara	Celebration of important days	04	04	150	50	25	25	0	0			

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
Kendrapara	April	Quarterly	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Kendrapara	Booklet	Nalita Chasa	Anjali Ray, Lalita Kumar Mohanty, Monoj Kumar Rout	500
Kendrapara	Booklet	SRI Padhatire Dhana Chasa	Anjali Ray, Lalita Kumar Mohanty, Monoj Kumar Rout	500

7.3 Details of Electronic Media Produced

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

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.)
Kendrapara	Cereals	Paddy	CR-1014 (FS)	22.5	55890		
Kendrapara	Cereals	Paddy	Pooja(FS)	67.5	167670		
Kendrapara	Cereals	Paddy	Lalat(FS)	60	149040		
Kendrapara	Pulses	Blackgram	PU-31(CS)	Under process			

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Kendrapara	Vegetable	Papaya	Honey dew	120			
Kendrapara	Vegetable	Drumstick	PKM-1	40			
Kendrapara	Vegetable	Cauliflower	Snowball-1	380			
Kendrapara	Vegetable	Cabbage	Barkha	380			
Kendrapara	Vegetable	Tomato	Swarna Sampad	1130			

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Kendrapara	Vegetable	Brinjal	Green Star Long	1380			
Kendrapara	Vegetable	Chilli	Agni Rekha	1330			

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.)
Kendrapara	Biofertilizer	Vermicompost	500	1	2500	5	1.5
Kendrapara		Vermin	3	1	1500	6	

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
Kendrapara	Fish	IMC	Fry	1,08,000	18,360	40
Kendrapara	Fish	IMC	Fingerling	6,000	12,000	12
Kendrapara	Fish	IMC	Yearling	16,000	64,000	45
Kendrapara	Color fish	Black, red and white molly	Ornamental fish	200	1000	20

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)
Kendrapara		2005-06	Soil sample (pH, EC, N,P,K)	1048	950	17	4500	950

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)
Kendrapara		2005-06	Water sample (pH)	7	7	5		7

10.Rainwater Harvesting : Not yet established

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
Kendrapara										

11. Utilization of Farmers Hostel facilities -

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)
Kendrapara	August	2014	PPL	1	15	1		25
Kendrapara	August	2014	PPL	1	20	1		25

Kendrapara	September	2014	PPL	1	30	1		25
Kendrapara	September	2014	PPL	1	26	1		25
Kendrapara	October	2014	PPL	2	15	2		25
Kendrapara	November	2014	PPL	2	13	2		25
Kendrapara	November	2014	PPL	2	15	2		25
Kendrapara	December	2014	PPL	2	15	2		25
Kendrapara	December	2014	PPL	2	25	2		25
Kendrapara	January	2015	PPL	2	15	2		25
Kendrapara	January	2015	PPL	2	14	2		25
Kendrapara	February	2015	PPL	1	15	1		25
Kendrapara	February	2015	PPL	1	12	1		25
Kendrapara	March	2015	PPL	1	26	1		25

12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Kendrapara	2009-10	2010	6	0	

13. **Details of SAC Meeting**

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Kendrapara	**27.09.2014**	**30**	1. Scrutiny the dairy proposal and be submitted to the Lead Bank of the concerned area for availing financial support,Fertilizer use efficiency in deep water paddy need to be estimated in the district,Salinity causes need to be identified, KVK Coordination with Line Departments,Small size power tiller need to be introduced in the district,Extend technical support to Sugarcane grower,Raising of areca nut to ensure availability to the growers,Placing of soil scientist,Reclamation of problematic soil, Popularising mechanised farming in the district
Kendrapara	**31.01.2015**	**30**	1. Application of recommended dose of weedicides in groundnut at initial stage, hoeing and thinning after 30-35 DAP, method of application of fertilizers, check % of disease incidence and percentage of loss after manual threshing of groundnut,Assessing % YMV incidence in green gram,Use of improved onion variety Bhima Super and Bhima Shakti and incidence of purple blotch and thrips infestation,Management of feed in fish farming, Survey the vector of fish disease in the district and way of contamination in fish farming

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
Kendrapara	36	1273		Farmers portal	➢ IPM,IDM,ICM,Seeds, seedlings and planting materials,Mushroom, Poultry,Fishery,Bee keeping

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
Kendrapara	ATMA					
Kendrapara	MNREGA					
Kendrapara	NHM					
Kendrapara	RKVY					
Kendrapara	DRDA					
Kendrapara	Zila Panchyat					
Kendrapara	Seed village					
Kendrapara	NAIP					
Kendrapara	Climate Change					
Kendrapara	Others (Plz. Specify)					

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Kendrapara	30878179008	298912	260269	260269

17. Awards & Recognitions

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	Kendrapara	No	

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Kendrapara	Crop Cafeteria	Medicinal plants, Grass, Flowers, Acacia mangium, Azolla, Vegetables, IFS Model and Banana
Kendrapara	Technology Desk	-
Kendrapara	Visitors Gallery	-
Kendrapara	Technology Exhibition	Poly house, Mushroom spawn unit, Vermicompost, Carp hatchery, Colour fish, Duckery, poultry and Turkey bird
Kendrapara	Technology Gate-Valve	-

c). Crop Cafeteria-

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

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.

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers participated

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Kendrapara	5	7	5	17

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.
1	Jajpur, Jagatsingpur	Implement, technology, Workshop, exhibition	

24. **Important visitors to KVK**

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Kendrapara	Vice Chancellor, OUAT, Bhubaneswar	27.09.2014		1		
Kendrapara	Dean, Extension Education, OUAT, Bhubaneswar	27.09.2014		1		
Kendrapara	CIFA Director	19.12.2014	1			
Kendrapara	Collector cum District Magistrate	05.12.2014			1	
Kendrapara	ADM, Kendrapara	02..05.2014			1	

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Kendrapara	2011	4	245

26. E-CONNECTIVITY : N.A.

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			
Kendrapara							

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	Kendrapara	Nil	Nil	-

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1	Kendrapara	Nil	Nil	-

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Kendrapara	Sri Lalita Mohanty	SMS(Agronomy)	1	
Kendrapara	Nihar Ranjan Baral	PA(Computer)	2	
	Total		3	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Kendrapara	2	3

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Kendrapara	Dr. Debasis Behera	SMS(Horticulture)	1	
Kendrapara	Manoj Kumar Rout	SMS(Plant Protection)	1	
Kendrapara	Naba Kishore Sial	SMS(Fishery)	1	
Kendrapara	Namita Mohapatra	SMS(Home Science)	1	
Kendrapara	Prathana Mohanty	Farm Manager	1	
Kendrapara	Nihar Ranjan Baral	PA(Computer)	1	
Kendrapara	Kishore Chandra Das	Steno cum Computer Operator	1	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
KENDRAPARA	7	3

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
Kendrapara	Lalita Kumar Mohanty	SMS(Agronomy)	1	
Kendrapara	Manoj Kumar Rout	SMS(Plant Protection)	2	

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

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

Name of KVK	Alert observed	Particulars	Reported to organization

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Kendrapara	Kissan mela	1		
Kendrapara	Exhibition	1		
Kendrapara	Seed treatment campaign	1		
Kendrapara	Plant diagnostic camp	1		
Kendrapara	SHG meet	1		
Kendrapara	Animal Health camp	1		
Kendrapara	Exhibition on farm women	1		

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
Kendrapara	Oilseeds (Groundnut)	5 ha	15
Kendrapara	Oilseeds (Sunflower)		
Kendrapara	Pulses (grengram)	5 ha	15
Kendrapara	Pulses (Blackgram)	5 ha	15
Kendrapara	Cereals		
Kendrapara	Vegetable crops		
Kendrapara	Tuber crops		
Kendrapara	Fruits		
Kendrapara	Spices		
Kendrapara	Cotton		
	Total	**15 ha**	**45**

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
1	**1**	**300**	**70**

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
Cultivation of Sugarcane var. Raghunath through ridge and furrow method	Sugarcane	1	Standing crop	-	5
Demonstration of Flood tolerant Paddy var. Swarna sub-1	Paddy var. Swarna Sub-1	4	42.8 q/ha	3.13	10
Demonstration of SRI Method of rice cultivation	Paddy var. Lalat	2	48.7 q/ha	15.95	10
Demonstration of YMV tolerant Green gram Var. SML-668 and K-851	Greengram	5	6.7 q/ha	39.58	10
Demonstration of YMV tolerant Black gram Var.PU-31	blackgram	5	6.5 q/ha		10
Demonstration of Bio agent for management of Internode borer in sugarcane	sugarcane	2	125 ton/ha	25	10
Demonstration of Green manuring of Dhanicha for Soil Reclamation	Paddy var. pooja	10	47.8q/ha	15.74	65
Horti –silvi (Cashew + Casuarina) planting along river embankment	Cashew + Casuarina	3	25	Standing crop	
Cultivation of high yielding Tomato variety (Chiranjeevi) with improved package of practice.	Tomato	1	227.5 q/ha	15.48	5
Demonstration on cultivation of HYV Potato along with Riverbed Plantation	Potato	2	250 q/ha	13.63	10
Cultivation of paddy straw mushroom *Volvariella volvaceae and Volvariella diplasia*	Mushroom	-	1.5 kg per bed	-	75
Vermicompost	Vermicompost	-	7	-	
Demonstration on Semi intensive poultry farming var. Banraja and Blackrock)	Poultry	-	3 kg per bird	-	50
3.Demonstration of IMC & intercropping of middle carp	Fish	1.5	31.3 q/ha	39.73	25

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

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Exhibition	-	-	-	-
Animal health camp	60	10	10	80
Kisan mela	-	-	-	-
Exposure visit	60	-	3	63

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

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Natural resource management	75	25	3	**103**
Crop Management(Fruit Crop)	67	18	3	**88**
Nutrient Management	40	25	3	**68**
Pest and Disease management	120	5	2	**127**
Weed control	40	10	2	**52**
Livestock management	35	65	3	**103**

Farm implements and machineries	15	10	4	**29**
Vermi-compost	60	15	4	**79**
Home science		100	4	**104**

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**
Nitin Soni,	Research Associate	17.11.2014	
Dr. S.S Nanda	DEE	27.09.2014	

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

- Assured irrigation,Timely seed supply by govt agencies, Low cost labour saving agricultural implements, Cold storage and assured marketing facilty from Government,

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

Sr. no.	**Name of KVK**	**No. of success stories**	**No. of case studies**