

ANNUAL PROGRESS REPORT

April 2016 to March 2017

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Instructions for filling the format

1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.
2. Do not merge columns, rows.
3. Please repeat the name of KVK in each table in the column "Name of KVK"
4. Do not fill the non-numerical values in numeric field
5. Do not repeat the unit while reporting data as it is already mentioned in the heading row
6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit
7. Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)
8. Additional relevant information may be provided at the end of Format 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	16	170	
	On Going OFT	4	40	
	Technologies assessed (Completed OFT)	10	130	
	Technologies refined			
	On farm trials conducted			
2	Frontline demonstrations			
	Proposed Frontline demonstrations	17	85	
	On Going Frontline demonstrations	6		
	FLDs conducted on crops	4		
	Area under crops (ha.)	5		
	FLD on farm implement and tools		-	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	4		
	FLD on Fisheries - Finger lings	1		
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	2		
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	-		
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	32	1	800
	Farm women	12	1	300
	Rural youth	4	2	60
	Extension personnel/ In service	4	1	60
	Vocational trainings			
	Sponsored Training			
	Total	4	18	110
		No. of programmes	Participants	
4	Extension Programmes			
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	170 qtl		
	Planting material produced (nos.)	49300 nos		
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)			
	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.)	12 kg		
	Trichoderma (kg.)			
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	Vermi compost-600 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)			
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	11		
	KVK News letter	3		
	SAC Meetings conducted	1		
	Soil sample tested	264 (grid wise)		
	Water sample tested	5		
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)			
	KVK-KMA (Message and beneficiaries)	733 message 4032 beneficiary		
	Convergence programmes	3		
	Sponsored programmes	4		
	KVK Progressive Farmers interaction	2		
	No. of Technology Week Celebrations			
	Attended HRD activities organized by ZPD	1		
	Attended HRD activities organized by DES	1		
	Attended HRD activities by KVK Staff (Refresher /Short course, Training programme etc.)	2		
9	Current status of Revolving Funds (Amt. in Rs.)	447252		
10		No. of blocks	No. of villages	
	Outreach of KVK in the District	9	5	
11		ICAR	SAU	Others
	No. of important visitors to KVK (nos.)			
12		Working (Yes/No)	No. of Update	
	Status of KVK Website	Yes		
13		Application received	Application disposed	
	Status of RTI (nos.)			
14		Query received	Query dissolved	
	Citizen Charter (nos.)			
15		Working (Yes/No)	No. of programme viewed	
	E-connectivity	Yes		
16		Filled	Vacant	
	Staff Position	14	2	
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	2		
18	Publication received from ICAR /other organization (nos.)	2		
19		Particulars	Organization	
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)			

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
Kendrapara	16	1	0	6	5	3	3	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									
Kendrapara	Subject Matter Specialist1	Sri Lalita Ku. Mohanty	Scientist (Agronomy)	M.Sc. Ag	Agronomy	15600 – 39100 AGP-6000	23950	01.08.2011	Contractual	Others
Kendrapara	Subject Matter Specialist2	Mrs. Namita Mohapatra	Scientist (Home Science)	M.Sc.	Home science	15600 – 39100 AGP-6000	20590	13.01.2012	Contractual	Others
Kendrapara	Subject Matter Specialist3	Sri Sidhartha Kar	Scientist(Horticulture)	M.Sc. Ag	Horticulture	15600 – 39100 AGP-6000	20590	06.12.2012	Contractual	Others
Kendrapara	Subject Matter Specialist4	Dr. Lipsa Dash	Scientist(Vet Sc. & A.H)	PhD.	Virology	15600 – 39100 AGP-6000	16250	24.07.2015	Contractual	Others
Kendrapara	Subject Matter Specialist5	Dr. Manasi Bhol	Scientist (Home Science)	PhD.	Home science	15600 – 39100 AGP-6000	23950	13.01.2012	Contractual	Others
Kendrapara	Subject Matter Specialist6	Vacant								
Kendrapara	Programme Assistant	Mr Pravat Kumar Sahoo	PA(Agriculture)	M.Sc.Ag	Soil Science	9300 – 34800 GP-4200	11010		Contractual	Others
Kendrapara	Farm Manager	Miss Prathana Mohanty	Horticulture	MSc.	Horticulture	9300 – 34800 GP-4200	10130	31.01.2015	Contractual	Others
Kendrapara	Computer Programmer	Sri Nihar Ranjan Baral	Computer	Bsc.	Computer	9300 – 34800 GP-4200	13980	15.07.2014	Contractual	Others
Kendrapara	Accountant / superintendent	Miss Debasmita Rout		MBA	-	9300 – 34800 GP-4200	14540		Permanent	Others
Kendrapara	Stenographer	Sri Kishore Chandra Das	Jr. Steno cum Comp. Operator	B.Sc	Stenography, DCA	5200-20200 GP- 2400	7860	28.12.2013	Contractual	Others
Kendrapara	Driver	Sri Rajesh Ku. Behera	Driver cum Mechanic	9 th	-	5200-20200GP-	6860	23.07.2008	Contractual	SC

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
						1900				
Kendrapara	Driver	Sri Anirudha Gochhayat	Driver cum Mechanic	+2	Arts	5200-20200 GP- 1900	6860	07.07.2014	Contractual	SC
Kendrapara	Supporting staff	Sri Krushna chandra Bhujabal	Peon cum watchman	10 th	-	4440-7440 GP- 1300	5790	29.07.2008	Contractual	Others
Kendrapara	Supporting staff	Bansidhar Parida	Peon cum watchman	9 th		4440-7440GP- 1300	6230	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		

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)
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, polutry 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

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
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

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	Category of technology (Assessment/ Refinement)	Thematic Area	Crop/ enterprise	Farming Situations	Target	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										Farmer practice T1	Rec. Tech T2	T1	T2
Kendrapara	2016 Kharif		Assessment	Crop diversification			5	5	Assessment of profitable cropping system under medium land situation				
Kendrapara	2016-17 Kharif & Rabi		Assessment	Varietal Evaluation			7	7	Assessment short duration rice varieties for jute-rice cropping system	31.7	T2-45.7 T3-37.3	8500	T2- 10600 T3- 15200
Kendrapara	2016 Kharif			Crop diversification			7	7	Assessment of paira cropping of blackgram and field pea in rice fallows for profitability		T2-5.1 T3-6.8		T2- 12500 T3- 17000
Kendrapara	2017/Kharif	Low seasonal Yield, High vegetative	Assessment	Varietal Evaluation	Crop	Rain fed Medium Land	1	13	Assessment of Sweet potato variety	105	155	70000	115000

KVK name	Year/season	Problem diagnose	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Target	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										Farmer practice T1	Rec. Tech T2	T1	T2
		growth of traditional varieties, Low seasonal market rate.							Kanchangada				
Kendrapara	2017/Rabi	Uneven tuber size & shape, Low cooking quality, Low market demand, High cooking loss of Yam tuber i.e. 250 gm./Kg tuber.	Assessment	Varietal Evaluation	Crop	Irrigated Medium land	1	10	Assessment of Yam Variety DA-293	200	250	80000	135000
Kendrapara	2017/Rabi	High cropping period of Elephant foot Yam, Low productivity of Land, less profit.	Assessment	Integrated Crop Management	Crop	Irrigated Medium land	0.4	05	Assessment of Elephant Foot Yam + Cow pea cropping system	220	285	76000	155000
Kendrapara	2017/Rabi	High cost of cultivation, Low Yield due to leaching of nutrient.	Assessment	Varietal Evaluation	Crop	Irrigated Medium land	0.4	10	Assessment of Yam Bean variety RM - 1	60	85	48000	68000
Kendrapara	2016-17	Low milk yield due to lack of green fodder.	Assessment	Water conservation technology	Crop		13	13	Assessment of hydroponic fodder (maize & cowpea) for				

KVK name	Year/season	Problem diagnose	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Target	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										Farmer practice T1	Rec. Tech T2	T1	T2
									milk production				
Kendrapara	2016-17	Irrational use of antibiotics without antibiotic sensitivity test.	Assessment	Control of mastitis	enterprise		13	13	Assessment for prevention and control of mastitis in Dairy animals				
Kendrapara	2016-17	Irrational use of antibiotics which has no effect on blood protozoan.	Assessment	Control of blood protozoan parasites in large ruminants	enterprise		13	13	Assessment on control of blood protozoan parasites in dairy animals	3.8	7.0 9.5	-1863	78 143
Kendrapara	2016-17	Lack of feed supplements to poultry birds decreases body weight and egg production	Assessment	Feed management	Enterprise		13	13	Assessment of feed supplements for backyard poultry	BWT 1.45 No. of eggs 80	BWT 1.7 1.8 No. of eggs 155 No. of eggs 165	193.5 385	227.26 259.86 747.26 814.86

2.2 Economic Performance

KVK name	OFT Title	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		FP (T1)	RP (T2)	RP (T3)	FP (T1)	RP (T2)	RP (T3)	FP (T1)	RP (T2)	RP (T3)	FP (T1)	RP (T2)	RP (T3)
KVK `Kendrapara	Assessment of profitable cropping system under medium land situation												
KVK `Kendrapara	Assessment short duration rice varieties	-	35000	-	-	58000	-		23000			1.65	

KVK name	OFT Title	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		FP (T1)	RP (T2)	RP (T3)	FP (T1)	RP (T2)	RP (T3)	FP (T1)	RP(T2)	RP (T3)	FP (T1)	RP (T2)	RP (T3)
	for jute-rice cropping system												
KVK `Kendrapara	Assessment of paira cropping of blackgram and field pea in rice fallows for profitability	-	-	14000	-	-	31000	-	-	17000			2.21
KVK, Kendrapara	Assessment of Sweet potato variety Kanchangada	50000	50000	55000	85000	90000	95000	35000	40000	40000	1.7	1.8	1.72
KVK, Kendrapara	Assessment of Yam Variety DA-293	45000	45000	50000	90000	100000	120000	45000	55000	70000	2.0	2.22	2.4
KVK, Kendrapara	Assessment of Elephant Foot Yam + Cow pea cropping system	45000	55000	00000	80000	125000	00000	35000	70000	0	1.77	2.27	0.0
KVK, Kendrapara	Assessment of Yam Bean variety RM - 1	45000	50000	00000	75000	90000	00000	30000	40000	0	1.66	1.8	0.0
KVK, Kendrapara	Assessment of hydroponic fodder (maize & cowpea) for milk production												
KVK, Kendrapara	Assessment for prevention and control of mastitis in Dairy animals												
KVK, Kendrapara	Assessment on control of blood protozoan	2000	174	199	136.8	252	342	-1863	78	143	0.07	1.45	1.72

KVK name	OFT Title	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		FP (T1)	RP (T2)	RP (T3)	FP (T1)	RP (T2)	RP (T3)	FP (T1)	RP(T2)	RP (T3)	FP (T1)	RP (T2)	RP (T3)
	parasites in dairy animals												
KVK, Kendrapara	Assessment of feed supplements for backyard poultry	24	27.74	10.14	217.5 400	255 775	270 825	193.5 376	227.26 747.26	259.86 814.86	9.06	9.19	26.63

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
Kendrapara	2016-17	Kharif, 16	High cost for manual transplanting and more drudgery	Assessment of 3 row paddy transplanter for Farm women	Assessment	Drudgery reduction	T ₂ : Use of 3 row Paddy Transplanter for women workers.	Use of 3 row paddy transplanter	Farming situation	13	Reduces drudgery and saves time
Kendrapara	2016-17	Kharif, 16	Rotting of bud in paddy straw mushroom and decrease in yield per bed	Assessment of streptocycline for bacterial bud rot in paddy straw mushroom	Assessment	Income Generation	T ₂ :Streptocycline 200ppm in one spray. T ₃ : Streptocycline 200ppm applied twice.	Management of bud rot in paddy straw mushroom using antibiotic (against bacteria)	Enterprise situation	7	Reduces bud rot in paddy straw mushroom and increases yield
Kendrapara	2016-17	Rabi, 16-17	Limited availability of hand threshed straw	Assessment of different substrates on growth and yield of oyster mushroom	Assessment	Income Generation	T ₁ : Cultivation of Oyster Mushroom in paddy straw. T ₂ : Banana leaves T ₃ : Jute stick Olitorius var. JRO-524	To find out a suitable locally available alternative substrate for growth and yield of oyster mushroom.	Enterprise situation	7	Banana leaves can be utilized for cultivation of oyster mushroom
Kendrapara	2016-17	Rabi, 16-17	30 % of pulses are damaged by	Assessment of grain pro super bag for	Assessment	Storage technology	T ₁ : Storage of pulses in gunny bag.	Grain pro super bag is suitable for safe storage	Farming situation	13	Safe storage of pulses in Grain pro super bag

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
			stored grain pests which reduces market value of pulse grains.	safe storage of pulses			T ₂ : Storage of pulses in grain pro-super bag	of pulses			

2.4 (A) Economic Performance Home Science OFT: (For Drudgery Reduction)

KVK name	OFT Title	Output m ² /h		Est. Energy Expenditure kj/min.		Performance Indicator / Parameter									
		T1	T2	T1	T2	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
Kendrapara	Assessment of 3 row paddy transplanter for Farm women	80	160			110-112	126-130	-	50%	-	100%	76	64	-	15.79%

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

KVK name	OFT Title	Performance Indicator / Parameter											
		Production per unit (30 bed/bag) In kg		Cost of input Rs.		Incremental income		Yield (Kg/bed)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Kendrapara	Assessment of streptocycline for bacterial bud rot in paddy straw mushroom	19.50	30.0	1200	1460	-	1000	0.650	1.000	1140	2140	1000	2.46
Kendrapara	Assessment of different substrates on growth and yield of oyster mushroom	19.50	25.5	600	600	-	300	0.650	0.850	375	675	300	2.13
Kendrapara	Assessment of grain pro super bag for safe	continuing											

KVK name	OFT Title	Performance Indicator / Parameter											
		Production per unit (30 bed/bag) In kg		Cost of input Rs.		Incremental income		Yield (Kg/bed)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
	storage of pulses												

2.4 (C) Economic Performance Home Science OFT: (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		

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

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

2.5 Feedback from KVK to Research System

Name of KVK	Feedback

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
KVK, Kendrapara	Crop	Varietal Evaluation	Demonstration of kharif onion Bhima raj	Bhima Raj variety of onions Bulbs are dark red in colour, oval shaped with single centre and thin neck. The TSS ranges from 10.0 to 11.0%. This variety is also suitable for kharif and late kharif season. It matures in 120-125 days after transplanting. Average yield is 25-30 t/ha with high % of marketable bulbs.	04	05	0.4
KVK, Kendrapara	Enterprises	ICM	Demonstration of low cost walk in poly tunnel structure for vegetable seedling raising (<i>Brinjal, Tomato, Chilli Hybrids</i>)	Raising of vegetable seedling under poly tunnel structure which enhance the survival rate and quality of planting material (vegetable Seedling) in low cost walk in poly tunnel structure, It is a IGA for rural youth	04	05	05
KVK, Kendrapara	Crop	ICM	Demonstration on planting geometry in tissue culture banana variety G-9	planting geometry in tissue culture banana have Spacing between PXP and RXR = 1.5X1.5m by which no. of plant population will be more than traditional system of planting (2mX2m), so by this method land become more productive.	04	05	0.4
KVK, Kendrapara	Crop	ICM	Demonstration of plant growth regulators on brinjal variety green long.	Application of Gibberellic acid GA on Brinjal @ 100 ppm before flowering which enhance number of buds, increases fruit setting and control flower bud drop & yield will be increase up to 350q/ha.	05	05	0.4

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	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety Enterprises	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Kendrapara	ICM	Paddy	Kharif, 2016	Demonstration of nitrogen management through leaf colour chart in rice	1 ha	Paddy	47.7	42.9	11.2				5	5
Kendrapara	IWM	Paddy	Kharif, 2016	Demonstration of integrated weed management in transplanted paddy	1ha	Paddy	48.9	40.5	20.7				5	5
Kendrapara	ICM	Groundnut - sunflower	Rabi, 2016-17	Demonstration of intercropping of groundnut and sunflower	1ha	Groundnut - sunflower	22.5	20.5	11.9				5	5
Kendrapara	IWM	Groundnut	Rabi, 2016-17	Demonstration of integrated weed management in groundnut	1ha	groundnut	23.9	19.5	22.6				5	5
Kendrapara	Varietal Evaluation	Onion	Late Kharif & 2017	Demonstration of kharif onion Bhima raj	0.4	Bhima Raj	230	167	20.76	03	00	01	01	05

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety Enterprises	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
KVK, Kendrapara	ICM	Low cost Poly tunnel	Late Kharif	Demonstration of low cost walk in poly tunnel structure for vegetable seedling raising (Brinjal, Tomato, Chilli Hybrids)	05	Low cost Poly tunnel (Survival nos out of 1000 seedling)	987	310	218.38	02	00	02	01	05
KVK, Kendrapara	ICM	Banana	Rabi & 2017-18	Demonstration on planting geometry in tissue culture banana variety G-9	0.4	G-9	500	400	25	02	00	02	01	05
KVK, Kendrapara	ICM	Brinjal	Rabi 2017-18	Demonstration of plant growth regulators on brinjal variety green long.	0.4	Green Long	350	280	25	03	00	01	01	05

3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
Kendrapara	Paddy	Demonstration of nitrogen management through leaf colour chart in rice		47.7	42.9	35000		60000		22000		1.71	
Kendrapara	Paddy	Demonstration of integrated weed management in transplanted paddy		48.9	40.5	34000		62000		28000		1.82	
Kendrapara	Groundnut - sunflower	Demonstration of intercropping of groundnut and sunflower		22.5	20.5	40000		90000		50000		2.25	
Kendrapara	Groundnut	Demonstration of integrated weed management in groundnut		23.9	19.5	43000		956000		52600		2.22	
Kendrapara	Onion	Demonstration of kharif onion Bhima raj	Single bulb weight (gm)	80	65	62000	60000	162400	132000	100300	72000	2.61	2.2
Kendrapara	Low cost Poly tunnel	Demonstration of low cost walk in poly tunnel structure for vegetable seedling raising (<i>Brinjal, Tomato, Chilli Hybrids</i>) (12mX4.0X1.8m)	Survival rate of seedlings (%)	87 %	31%	15000	6000	75000	18000	60000	12000	5.0	3.0

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
KVK, Kendrapara	Banana	Demonstration on planting geometry in tissue culture banana variety G-9	Single Fruit weight (gm)	120	100	100000	80000	400000	250000	300000	170000	4.0	3.125
KVK, Kendrapara	Brinjal	Demonstration of plant growth regulators on brinjal variety green long.	Fruit weight (gm)	150	105	82000	77500	182500	140000	100500	62500	2.22	1.80

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
Kendrapara	2016-17	Kharif	Income generation	Low income from fish farming due to high cost of feed	Ducks rearing with fish farming	Duck cum fish farming	Integration of ducks in fish farming	Home stead	1.0	5
Kendrapara	2016-17	Rabi	Income generation	High mortality of seedling due to improper nursery management	Recommended media vermi-compost + sand or soil + FYM in equal proportion (1:1:1). The trays are covered with mulching materials to ensure conservation of moisture until germination.	Farming Activity	Raising seedling using Pro trays	Farming Situation	80 nos	5
Kendrapara	2016-17	Rabi	Value addition	Distress selling of Tomato causes low income & wastage	Pulp extraction after boiling Tomato. Tomato dehydration by boiling, addition of preservative sodium benzoate @ 2 mg/kg & acetic acid 7ml/kg of	Crop (Tomato value addition)	Preparation of Tomato puree and sauce	Home stead	300 kg	5

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
					pulp bottling sealing and leveling.					
Kendrapara	2016-17	Rabi	Income generation	Low income and loss due to absconding of honey bee colony	Rearing of Apis cerana indica with proper management .Bottom board cleaning ,feeding of sugar solution at weakly interval, during lean period, New comb construction ,Monthly observations	Enterprise	Proper management of Honey Bee colony	Home stead	2 Bee boxes with colony	2

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

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)

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		
Kendrapara	Demonstration of ducks with fish farming for higher profit	26000kg	29000kg	170000	290000	-	15000	26000	29000	90000	105000	15000	1.57
Kendrapara	Demonstration on seedling raising using protrays	500 seedlings	1500 seedlings	800	1100	-	1700	500 seedlings	1500 seedlings	200	1900	1700	2.72
Kendrapara	Demonstration on scientific management of indian honey bee	Continuing											

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		
Kendrapara	Demonstration on value addition of tomato	Raw tomato	Tomato puree & sauce	-	sodium benzoate, acetic acid, bottle, spices, fuel	300 kg tomato	100 kg Tomato puree & sauce	-	4500	-	3500	600	3500	2900	1.78

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

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
KVK, Kendrapara	Onion	Field days	02	100	To be conducted of best performer
	Brinjal	Farmers Training	04	100	Conduct on base on FLD
	Chilli	Media coverage	02	1000	Mass communication approach
	Tomato	Training for extension functionaries	01	15	Base on PGR on vegetables

3.7 Details of FLD on crop hybrids.

Sr.No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
1	KVK, Kendrapara	Brinjal	Parthenocarpic Hybrid Brinjal	Pvt Firm	05	0.2
2	KVK, Kendrapara	Chilli	F1 Chilli	Pvt Firm	05	0.2
3	KVK, Kendrapara	Tamato	Chiranjeev	Pvt Firm	05	0.2

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Kendrapara				

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested

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

Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total

Thematic Areas for Training

CRP	Crop Production
HOV	Horticulture - Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RYH	Rural Youth
EXP	Extension Personnel

5. TRAINING PROGRAMMES

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

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
KVK, Kendrapara	FW	OFC	HOV	Training on raising vegetable nursery under protected structure	01	01	08	02	05	05	00	00	03	02
KVK, Kendrapara	FW	OFC	HOV	Training on staking and trellis management in cucurbits	01	01	05	00	03	00	00	00	17	00
KVK, Kendrapara	FW	OFC	HOV	Training on off season Onion farming	01	01	00	00	12	13	00	00	00	00
KVK, Kendrapara	FW	OFC	HOV	Training on cultivation of winter & underutilized vegetables	01	01	07	01	01	01	00	00	09	06
KVK, Kendrapara	FW	OFC	HOF	Training on planting mechanism of tissue cultured banana	01	01	00	00	08	06	00	00	06	05
KVK, Kendrapara	FW	OFC	HOF	Training on Horticulture base farming system.	01	01	02	00	23	00	00	00	00	00
KVK, Kendrapara	FW	OFC	HOF	Training on scientific farming of hybrid Papaya	01	01	03	00	14	02	00	00	04	02
KVK, Kendrapara	FW	OFC	HOO	Training on commercial farming of ornamentals (Marigold, gladiolus, tuberose, Lillium, Gerbera)	01	01	04	05	00	04	00	00	08	04
KVK, Kendrapara	FW	OFC	HOP	Training on management of Coconut orchard	01	01	08	02	08	02	00	00	05	00
KVK, Kendrapara	FW	OFC	HOP	Training on Mulching in coconut for higher yield.	01	01	08	02	08	02	00	00	05	00
KVK, Kendrapara	FW	OFC	HOS	Training on organic methods of production of spices Chilli, Zinger & turmeric.	01	01	04	05	00	04	00	00	08	04
KVK, Kendrapara	FW	OFC	HOT	Training on cultivation of Tuber crops	01	01	05	00	10	02	00	00	03	05
KVK, Kendrapara	RY	ONC	HOO	Training on production technology, post harvest	01	03	05	00	02	00	00	00	08	00

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				management of flowers & cut flower marketing										
KVK, Kendrapara	RY	ONC	HOV	Training on Grading, packaging & Marketing of vegetables.	01	03	02	01	09	01	00	00	02	01
KVK, Kendrapara	INS	ONC	OTH	Training on commercial cultivation organic fruits, vegetables and flower and its marketing.	01	01	05	03	05	01	00	00	01	01
KVK, Kendrapara	FW	OFC	HOT	Training on cultivation of Tuber crops	01	01	05	00	10	02	00	00	03	05
Kendrapara	FW	OFC	WOE	Income generation through mushroom cultivation		02		20		05				25
Kendrapara	FW	OFC	WOE	Storage technique of food grains		01		22		03				25
Kendrapara	FW	OFC	WOE	Back yard rearing of duckery for income generation		02		23		02				25
Kendrapara	FW	ONC	WOE	Value addition of citrus fruits		01		21		04				25
Kendrapara	FW	OFC	WOE	Women friendly implements for drudgery reduction		01		22		03				25
Kendrapara	FW	OFC	WOE	Planning, lay out and development of nutritional garden		01		20		05				25
Kendrapara	FW	OFC	WOE	Transplanting of paddy using different women friendly transplanters		01		19		06				25
Kendrapara	FW	OFC	WOE	Rural back yard poultry for livelihood support		01		21		04				25
Kendrapara	FW	OFC	WOE	Cultivation of different species of oyster mushroom with different substrates		01		22		03				25
Kendrapara	FW	OFC	WOE	Value addition of groundnut by Women SHGs		01		23		02				25
Kendrapara	FW	OFC	WOE	Mushroom production under semi shade condition		01		21		04				25
Kendrapara	FW	OFC	WOE	Skill development of SHGs through		01		20		05				25

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				gh cut flower cultivation										
Kendrapara	IS	ONC	WOE	Nursery raising technique using pro trays		01	11	02	02					15
Kendrapara	RY	ONC	WOE	Bee keeping for sustainable livei hood support		03		12		03				15
Kendrapara	F&FW	OFC	LPM	Training on supplementary fodd ers for milch animals	01	01	5	0	20	0				
Kendrapara	F&FW	ONC	LPM	Preventive measures of endo and ecto parasitic Infestation	01	02	0	24	0	1				
Kendrapara	F&FW	ONC	LPM	Control of mastitis in animals	01	02	21	0	4	0				
Kendrapara	F&FW	ONC	LPM	Management of milch animals	01	02	17	0	8	0				
Kendrapara	F&FW	ONC	LPM	Govt schemes available for small ruminants and poultry farming	01	02	14	2	9	0				
Kendrapara	F&FW		LPM	Fodder preservation techniques	01	02	0	23	0	2				
Kendrapara	F&FW	ONC	LPM	Value addition of meat and egg products for income generation	01	02	14	2	5	4				
Kendrapara	F&FW	ONC	LPM	Livestock Farm Waste Utilization	02	02	6	5	10	4				
Kendrapara	RY	ONC	LPM	Goat and sheep farming for income generation	01	03	3	7	2	3				
Kendrapara	IS	ONC	LPM	Management of blood protozoan diseases in dairy animals	01	02	12	0	3	0				
Kendrapara	FW	OFC	CRP	INM in hybrid Paddy	1	1								
Kendrapara	FW	OFC	CRP	INM in Maize	1	1								
Kendrapara	FW	OFC	CRP	Improved package & practices for Black gram cultivation	1	1								
Kendrapara	FW	OFC	CRP	Bio-fertilizer application in Tomato	1	1								
Kendrapara	FW	OFC	SFM	Methods and Principles of soil sampling for soil testing	1	1								
Kendrapara	FW	OFC	SFM	Organic waste recycling for production of Vermicompost	1	1								
Kendrapara	FW	OFC	SFM	zinc sulphate application in	1	1								

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				transplanted paddy										
Kendrapara	FW	OFC	SFM	Nutrient Management in Okra	1	1								
Kendrapara	FW	OFC	SFM	Integrated Nutrient Management in Greengram	1	1								
Kendrapara	FW	OFC	SFM	Integrated Nutrient Management in Brinjal	1	1								
Kendrapara	FW	OFC	SFM	Boron application in Cauliflower	1	1								
Kendrapara	FW	OFC	SFM	Methods and Principles of soil sampling for soil testing	1	1								
Kendrapara	FW	OFC	SFM	Use of micronutrients in rabi vegetables.	1	1								
Kendrapara	FW	OFC	SFM	Use of biofertilisers in commercial crops	1	1								
Kendrapara	FW	OFC	SFM	Use of biofertiliser in vegetables	1	1								
Kendrapara	FW	OFC	SFM	Production of organic inputs in agriculture	1	1								
Kendrapara	IS	ONC	SFM	Principles and practices of improving soil productivity	1	1								
Kendrapara	RY	ONC	SFM	Organic Farming	1	1								
Kendrapara	RY	ONC	SFM	Principles and practices for maintenance of soil health for sustainable crop production	1	1								
Kendrapara	RY	OFC	SFM	Vermicomposting for Sustainable agriculture	1	1								

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
KVK, Kendrapara	Production of Horticulture Seedling	Enterprise	IGA	05			08	00			07	00

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 elsewhere
		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/R/RY/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Kendrapara	Manufacturing of jute Handicraft.	Value addition		RY	6	1		20							NIRJAFT, Kolkata	

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/R/RY/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Kendrapara	Panipanchyat training for office bearers / members & progressive farmers.	Panipanchyat		F/FW	4	3	88	2							WALMI, Pratapnagar	2,52,400

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	Control of mastitis in animals								20 % accepted the technology
Kendrapara	Management of milch animals								Upgradation of knowledge
Kendrapara	Govt schemes available for small ruminants and poultry farming								Upgradation of knowledge
Kendrapara	Fodder preservation techniques								Upgradation of knowledge
Kendrapara	Preventive measures of ecto and endo parasites								Upgradation of knowledge
Kendrapara	Training on supplementary fodders for milch animals								15% accepted the technology
Kendrapara	Livestock Farm Waste Utilization								5% accepted the technology
Kendrapara	Value addition of meat and egg products for income generation								10% accepted the technology
Kendrapara	Goat and sheep farming for income generation								15% will adopt the technology
Kendrapara	Management of blood protozoans diseases in dairy animals								Knowledge upgradation of the inservice personnels
Kendrapara	Income generation through paddy straw mushroom cultivation	25	46 %	88%	0.650 kg/bed	1.0 kg/bed	65/- per bed	100/- per bed	2. 59 3. 42%, 53.8% and 53.8%
Kendrapara	Storage technique of food grains	25	35%	60%	5	7	20000/- per ha	28000/- per ha	1. 20 ha, 2. 45, 3. 71.4%, 40 % and 40 %
Kendrapara	Back yard rearing of duckery for income generation	25	10%	25%	Eggs - 30 no & B. Wt. 1.25 kg per bird per year	Eggs - 120 no & B. Wt. 2.5 kg per bird per year	200/- per bird	350/- per bird	2. 48, 3. 15%, 20 %, 75%
Kendrapara	Value addition of citrus fruits	25	25 %	55 %	No V. addition	1000 bottles	120/- per kg	300/- per kg	2. 42, 3. 120 %, 10 % & 150%
Kendrapara	Women friendly implements for drudgery reduction	25	10 %	40 %	-	-	-	-	1. 10, 2. 35, 3. 30%, - & 20 % drudgery reduced

Kendrapara	Planning, lay out and development of nutritional garden	25	55 %	75 %	-	-	2500/-	3400/-	1. 8, 2. 81, 3. 20%, -, 36 %
Kendrapara	Transplanting of paddy using different women friendly transplanters	25	10 %	35 %	22.5	30.0	22500/-	30000/-	1. 20, 2. 40, 3. 25%, 33.3 % & 33.3 %
Kendrapara	Rural back yard poultry for lively hood support	25	10%	25%	Eggs – 30 no & B. Wt. 1.25 kg per bird per year	Eggs – 120 no & B. Wt. 2.5 kg per bird per year	200/- per bird	350/- per bird	2. 48, 3. 15%, 20 %, 75%
Kendrapara	Cultivation of different species of oyster mushroom with different substrates	25	46 %	88%	0.650 kg/bag	1.0 kg/bag	45/- per bag	60/- per bag	2. 59 3. 42%, 53.8% and 33.3%
Kendrapara	Value addition of groundnut by Women SHGs	25	25 %	55 %	No V. addition	1000 bottles	120/- per kg	300/- per kg	2. 42, 3. 120 %, 10 % & 150%
Kendrapara	Mushroom production under semi shade condition	25	46 %	88%	0.650 kg/bed	1.0 kg/bed	65/- per bed	100/- per bed	2. 59 3. 42%, 53.8% and 53.8%
Kendrapara	Skill development of SHGs through cut flower cultivation	25	12 %	25 %	-	-	-	-	1. 2, 2. 18, 3. 13 %, -,-
Kendrapara	Nursery raising technique using pro trays	15	-	-	-	-	-	-	-
Kendrapara	Bee keeping for sustainable livelihood support	15	-	-	-	-	-	-	-

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Kendrapara	Field Day	04	4	400	-	-	-	-	-	Cluster demonstration	Field day on cluster demonstration programme	Vegetative stage
Kendrapara	Kisan Mela	1	1	192	108					Pre Rabi Mela	On the eve of world soil health day	
Kendrapara	Kisan Ghosthi											
Kendrapara	Exhibition	01	1									
Kendrapara	Film Show	05	05									
Kendrapara	Method Demonstrations	04	04									
Kendrapara	Farmers Seminar											
Kendrapara	Workshop	01	01									

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	Group meetings	04	04	400	230							
Kendrapara	Lectures delivered as resource persons	14	14									
Kendrapara	Newspaper coverage	07	07									
Kendrapara	Radio talks	08	08									
Kendrapara	TV talks	03	03									
Kendrapara	Popular Articles	04	04									
Kendrapara	Extension Literature	03	03									
Kendrapara	Farm Advisory Services	170	153									
Kendrapara	Scientific visit to farmers field	120	118									
Kendrapara	Farmers Visit to KVK	250	243									
Kendrapara	Diagnostic Visits	09	09									
Kendrapara	Exposure Visits	01	01									
Kendrapara	Ex-trainees Sammelan	01	01									
Kendrapara	Soil Health Camp	01	01									
Kendrapara	Animal Health Camp	01	01									
Kendrapara	Agri Mobile Clinic											
Kendrapara	Soil Test Campaigns											
Kendrapara	Farm Science Club conveners meet	01										
Kendrapara	Self Help Group conveners meetings	03										

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-March	Quarterly	500	500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
				36

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
			2

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.) Unprocessed	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)

KVK Name	Major group/class	Crop	Variety	Quantity (qt.) Unprocessed	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
KVK,Kendrapara	FS	Paddy	Pooja	55	1,40,800	-	1.5
Kendrapara	FS	Paddy	Swarna Sub-1	55	1,40,800	-	1.5
Kendrapara	FS	Paddy	Lalat	60	1,53,600	-	2
Kendrapara	TL	Blackgram	PU-35	Harvesting under process	-	-	2

8.2 Planting Material production

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
KVK, Kendrapara	Vegetables	Chilli	05.08.2017 15.10.2017	06.08.2017 15.11.2017	0.4	VNR-384	Seedling	10000			
KVK,Kendrapara	Vegetables	Brinjal	25.10.2017 10.12.2017	25.11.2017 10.01.2018	0.4	Green Long	Seedling	10000			
KVK, Kendrapara	Vegetables	Tomato	25.09.2017 10.12.2017	25.10.2017 10.01.2018	0.6	Cheeranjib VNR-3348	Seedling	15000			
KVK, Kendrapara	Vegetables	Capsicum	12.09.2017 25.10.2017	12.10.2017 25.11.2017	0.2	Green wonder	Seedling	5000			
KVK, Kendrapara	Vegetables	Drum stick	05.05.2017	10.06.2017	0.4	PKM	Seedlings	1000			
KVK, Kendrapara	Fruits	Papaya	01.05.2017 15.10.2017	15.06.2017 30.11.2017	1.0	Red lady	Seedling	2500			
KVK, Kendrapara	Fruits	Jack fruits	01.05.2017	20.06.2017	1.0	Khajara	Seedlings	300			
KVK, Kendrapara	Fruits	Banana suckers	01.06.2017	10.06.2017	1.0	Bantala Patakarapura	Suckers Suckers	1250 1250			
KVK, Kendrapara	Ornamental	Marigold(Y)	05.10.2017	05.11.2017	0.4	BM-1	Cuttings	1000			
KVK, Kendrapara	Ornamentals	Marigold(O)	05.10.2017	05.11.2017	0.4	BM-2	Cuttings	1000			
KVK, Kendrapara	Ornamental	Tuberose	20.09.2017	20.10.2017	0.2	Prajwal	Saplings	1000			

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	Bio Agents	Vermi	12 kg		6000	10	
Kendrapara	Bio Agents						
Kendrapara	Bio Fertilizer	Vermi compost	600 kg		3000	10	

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	Poultry chicks	Kuroiler	Backyard poultry	350	12,240	50
Kendrapara	Poultry chicks	Vanaraja, Necked Neck	Backyard poultry	400	15,100	30
Kendrapara	Guinea fowl	Pearl, lavender	Backyard poultry	100	4000	10
Kendrapara	Quail	CARI (Ujjawal, white breasted), CARI Sweta (white), CARI (Brown), CARI (Uttam)	Backyard poultry	50	2000	8
Kendrapara	Turkey poult	CARI, Virat, Beltzvielle	Backyard poultry	80	14,500	11
Kendrapara	Ducklings	White peckin	Backyard poultry	283	13,140	30
Kendrapara	Ducklings	Khaki Campbell	Backyard poultry	150	4500	8
Kendrapara	Ducklings	White peckin X Khaki Campbell	Backyard poultry	346	15,820	35
Kendrapara	Ducklings	Andhra runner	Backyard poultry	200	10,805	40
Kendrapara	Fish	IMC	Fingerling		64000	

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	Functioning	2005-06	Tested by Mrida Parikhyak grid wise	264	1132	35		1132

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	Functioning	2005-06	Tested in KVK lab.	5	5	2		5

10. Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

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

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		2016-17						

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		2011-12	6	-	-

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Kendrapara	30.12.2016	30	<ul style="list-style-type: none"> Documentation of technologies assessed, refined & demonstrated in the district by KVK, Kendrapara in form of publication & circulate it to line department members by the end of January month. YMV resistant variety of Greengram should be recommended. Organic treatment should be done for conducting OFT on Assessment of fungicides for management Phomosis blight & fruit borer of Brinjal. To conduct On Farm Trail on Assessment of health management in Goats, Oil India coordinated project Goat at Orissa Veterinary College, Bhubaneswar will be consulted. While conducting OFT on Assessment of Oyster Mushroom by using different substrate, maize stalks ca included with the consultation of all India coordinated Maize project. Power Operated weeder can be used for the demonstration of weed management in transplanted Paddy. Front Line demonstration on Jute cultivation should be included in the Action Plan. Priority can be given to state Govt. & OUAT released variety of vegetables for conducting FLD & OFT. Emphasis on popularising the rearing of breed of Kendrapara Sheep.

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.		
Kendrapara					
Kendrapara	733	4032	2042	Farmers portal, Reliance foundation	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

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Kendrapara	30878179008	252400	315632	447252

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award	Awarding Organizations	Amount received

		(Ind./Group/Inst./Farmer)		

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.)

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
	Technology Desk	-
	Visitors Gallery	-
	Technology Exhibition	Poly house, Mushroom spawn unit, Vermicompost, Carp hatchery, Colour fish, Duckery, poultry and Turkey bird
	Technology Gate-Valve	-

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Long slender green fruit, Resistant to wilt and aphid (Brinjal var. Aliva-777)	1
2	Resistant to YVMV (Cowpea var. Kashi Kanchan)	1
3	Beans are deep green in colour, Resistant to Aphids, Leaf curl viruses, good transportation and cooking quality(French Bean var. Arka komal)	1
4	Light green, broad leaves and succulent stem(Amaaranthus var. Ajaya)	1
5	Stalks and leaves are light green, plant 15-20 cm hight(Palak var. All green)	1
6	Curds are white in colour Shelf life more, Resistant to Ricyness (Cauliflower var. Simran)	1
7	Heads are tight and green in colour, Resistant to DBM (Diamond back moth)(Cabbage var. RK-55)	1
8	Leaves are dark green in colour, vigorous growth and more nos of cuttings(Coriander var. Hara)	1
9	Medium fruit, fruits are red in colour and high carotene content(Tomato. Asutosh)	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 to be 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	
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24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Kendrapara	Dean, Extension Education, OUAT, Bhubaneswar	30.12.2016		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	345

26. E-CONNECTIVITY

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

27. Status of RTI

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

28. Status of Citizen Charter

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

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Kendrapara	Dr. Lipsa Dash	Scientist (Animal Science)	1	Animal science workshop 2016 at DEE, Chhattisgarh, Kamadhenu Biswa Vidyalaya, Durg. (C.G.)
	Total			

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

30. Attended HRD Programmes organized by DES

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
Kendrapara	Smt. Namita Mahapatra	Scientist (home Science)	1	Empowerment of Farm Women through Livestock and Poultry Interventions.

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

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

Farmers-scientists interaction on livestock management

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

Animal health camps organized

Name of KVK	Number of camps	No. of animals	No. of farmers
Kendrapara	1	250	45

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
Renovation of defunct water harvesting structures (Pond) in the village for efficient use to enhance resilience of farms.	-	1			
Green manuring of dhanicha for reclamation of soil.		4			10
Recycling of agro waste for increasing soil fertility.		10 unit			10
Demonstration of Flood tolerant Paddy var. Swarna sub-1	Paddy var. Swarna sub-1	8			20
soil test based nutrient management in Black gram & Green gram	Black gram & Green gram	4			15
Demonstration of SRI Method of rice cultivation	Paddy	2			10
Income generation activities (Mushroom etc)	Mushroom	2000bed			20
Silage demos		4 unit			4
Feed block demos		5 unit			5
Hydroponic plant of Maize and cowpea		5 unit			5
Deworming of cows & goat		-			20
Feeding management & disease control programme in livestock (Total Mixed Ration, Mineral block, medicines & disinfectant solution)					10
Bamboo houses for stall fed goats		5 unit			5

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
Backyard poultry		2 unit			30
Duckery units		1 unit			25
Fishery unit		1 ha			25
Mineral mixture demos		-			30
Short Duration crop	Cauliflower	0.4			5
Hybrid vegetable farming	Tomato	0.4			5
Short duration vegetable	Cabbage	0.4			5
Mulching in fruit plant	Coconut	0.2			5
Mulching in Vegetables	Capsicum	0.2			10
Ridge & furrow management	Brinjal	0.4			5
Hybrid Fruit farming	Papaya	0.02			5
Livelihood through Horticulture	Leafy vegetables	0.01			
Nutritional Horticulture	Drum stick	0.02			10

2. Proposed Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Horticulture workshop on climate specific Horticultural farming.	100	100	10	220

3. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Horticulture training on short duration vegetable farming.	15	10	02	27
Horticulture training on Nursery management	15	10	02	27
Training on protected horticulture.	15	10	02	27

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status

5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status

6. Public Representative/District Administration Visited in NICRA Village

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

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

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

37. Case study / Success Story to be developed – Two best only in the following format

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

INTEGRATED FARMING SYSTEM FOR SUSTAINABLE INCOME

Name: Sri Bipin Bihari Sethy

Address: At : Sanamoolabasant

Po: Badamoolabasant

Via: Pattamundai

District: Kendrapara

Age: 34 years

Educational Qualification: Graduate

No. of family members: 6

Resources owned by Farmer:

- **Land:** 3.0 Acre
- **Animal resources:** 50 backyard poultry, 5 goats & 6 kids and 45 ducks
- **Irrigation facility:** 1 bore well

Introduction:

Kendrapara, where farmers are faced with prospects of poor yield and low income, could well take cues from the success story of a farmer who is earning a net annual income of Rs. 1.5 lakh from 3 acres of land by adopting integrative farm techniques and optimum resource utilization. Sri Bipin Bihari Sethy is a young farmer of 34 years old hailing from Sanamoolabasant of Kendrapara district. After completing his graduation he worked as a private Amin involved in mapping and measuring of lands which fetched him very less with which he was unable to maintain his 6 membered family. In spite of several tryouts in various businesses he failed to establish himself and finally returned to his village. With the left over money he tried to grow greengram, blackgram, and some vegetables like brinjal, bottle gourd & tomato after the rice in order to get sufficient income to maintain his family.

KVK Intervention:

During a training programme he came in contact with KVK, Kendrapara and discussed about his problems. After a brief interaction with the scientists he learnt about the prospects of integrated farming system but he was in dilemma how to implement it. However, the support from the Krishi Vigyan Kendra helped him to go for integrating high yielding varieties of paddy, vegetables with pisciculture, duckery, poultry and goatery.

Output:

He continued rice farming in 0.4 ha and converted the rest to other crop components and cultivated IMC in his 1.5 acre pond with 45 numbers of ducks, 50 numbers of backyard poultry, 5 numbers goats with 6 kids in the dyke of the pond. He was trained at Krishi Vigyan Kendra, Kendrapara in scientific methods of vegetable, fish and poultry farming which boosted his self confidence and growing crops, fish with duckery, poultry and goatery became an easy task.




Outcome:

Bipin's business grew, now he owns a well equipped IFS unit with an average income of Rs.12,000 from paddy and Rs 20000/- of vegetables during Kharif, Rs 50,000/- from vegetables during Rabi and Rs 85,000/- from pisciculture Rs. 28,000 from poultry, duckery and goatery. Annually he is now earning Rs. 1.95 lakhs. With this he has taken on lease 16 number of ponds in which in cultivates IMC, fresh water prawn with great ease.



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

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)

			
<p>Assessment of 3 row paddy transplanter for Farm women</p>	<p>Assessment of 3 row paddy transplanter for Farm women</p>	<p>Assessment of 3 row paddy transplanter for Farm women</p>	<p>Assessment of 3 row paddy transplanter for Farm women</p>



Assessment of streptocycline for bacterial bud rot in paddy straw mushroom



Assessment of streptocycline for bacterial bud rot in paddy straw mushroom



Assessment of streptocycline for bacterial bud rot in paddy straw mushroom



Assessment of streptocycline for bacterial bud rot in paddy straw mushroom



Assessment of different substrates on growth and yield of oyster mushroom



Assessment of different substrates on growth and yield of oyster mushroom



Assessment of different substrates on growth and yield of oyster mushroom



Assessment of different substrates on growth and yield of oyster mushroom



Assessment of grain pro super bag for safe storage of pulses



Assessment of grain pro super bag for safe storage of pulses



Assessment of grain pro super bag for safe storage of pulses