

**FORMAT
FOR
ANNUAL PROGRESS REPORT OF
THE KVKs
IN
ZONE VII**

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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. Gray colour cells in summary table need not to be filled.**

REPORTING PERIOD – April 2010 to March, 2011

Summary of achievements during the reporting period

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	
Kendrapara	OFTs	11	43	11	43	
	FLDs – Oilseeds (activity in ha)	10	30	10	30	
	FLDs – Pulses (activity in ha)	5	15	5	15	
	FLDs – Cotton (activity in ha)	-	-	-	-	
	FLDs – Other than Oilseed and pulse crops(activity in ha)	20.38	135	20.38	135	
	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	4	62	4	62	
	Training-Farmers and farm women	70	1750	70	1750	
	Training-Rural youths	13	305	13	305	
	Training- Extension functionaries	10	185	10	185	
	Extension Activities					
	Seed Production (Number of activity as seeds in quintal)	130 qt (paddy seed)	250	103 qtl(paddy seed) 20.5 qtl (nonseed)	250	
	Planting material ((Number of activity as quantity of planting material in quintal)	100	23	100	23	
	Seedling Production (Number of activity as number of seedlings in numbers)	21920	418	21920	418	
	Sapling Production (Number of activity as number of sapling in numbers)	-	-	-	-	
	Other Bio- products(Vermicompost)	400kg	12	400kg	12	
	Live stock products	1500	240	1500	240	
	SAC Meeting (Date & no. of core/official members)	30.7.2010(1)	22	30.7.2010(1)	22	
	Newsletters (no.)	2	400	2	400	
	Publication (Research papers, popular article)	1, 12	2400	1, 12	2400	
	Convergence programmes / Sponsored programmes	2	100	2	100	
	KVK-ATMA Linkage programme (Number of activities)	22	1180	22	1180	
	Outreach of KVK in the District (No. of blocks, no. of villages)	9, 72	1872	9, 72	1872	

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
	Soil sample tested	554	-	554	-	
	Water sample tested	48	-	48	-	
	KMA (No. of messages & beneficiaries)	46	198	46	198	

1. GENERAL INFORMATION

1.1. Staff Position (as on 31 March, 2011)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Kendrapara	Programme Coordinator	Mrs. Anjali Ray Programme Coordinator	Home science	M.Sc.	Home science	Rs. 37400- Rs. 67,000/-	28630/-	10.01.11 (FN)	Permanent	Others
	Subject Matter Specialist1	Dr. Lakshmi Kanta Das	SMS (Agronomy)	Ph.D	Agronomy	15600/- to 39100/-	19050/-	09.03.09 (FN)	Permanent	Others
	Subject Matter Specialist2	Dr. Prasanna Kumar Samant	SMS(Soil science)	Ph.D	Soil science	15600/- to 39100/-	19050/-	23.06.06 (FN)	Permanent	Others
	Subject Matter Specialist3	Manoj Ku. Rout	SMS (Plant protection)	M.Sc. Ag	Plant pathology	15600/- to 39100/-	18320/-	22.10.08 (FN)	Permanent	Others
	Subject Matter Specialist4	Sri Sasanka Lenka	SMS (Agril. Extension)	M.Sc. Ag M.B.A, PGDRD	Agril. Extension	15600/- to 39100/-	15600/-	19.4.10 (FN)	Permanent	Others
	Subject Matter Specialist5	Sri Nabakishor Sial	SMS (Fishery science)	M.F.Sc.	Fishery science	15600/- to 39100/-	15600/- +6000/-	18.02.11 (FN)	Permanent	S.C
	Subject Matter Specialist6	Vacant	-	-	-			-	-	-
	Programme Assistant	Smt. Annapurna Saran	Programme Asst (Home science)	B.Sc	Home science	9300/- to 34800/-	17510/-	3.07.96 (FN)	Permanent	Others
	Farm Manager	vacant	-	-	-			-	-	-

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
	Computer Programmer	Mrs. Sangita Panda	Prog. Asst.(Computer)	B.Sc	Comp. science	9300/- to 34800/-	10560/-	11.06.07 (FN)	Permanent	Others
	Accountant / superintendent	Vacant	-	-	-			-	-	-
	Stenographer	Kishore Chandra Das	Jr. Steno cum Comp. Operator	B.Sc	-	5200/-to 20200/-	5920/-	20.03.08 (FN)	Temporary	Others
	Driver	Nirakar Pradhan	Driver-cum-mechanic	9 th	-	5200/-to 20200/-	5870/-	7.01.10 (FN)	Temporary	Others
	Driver	Rajesh Ku. Behera	Driver cum Mechanic	9 th	-	3050-75-3950-80-4590/-	3125/-	23.07.08 (FN)	Temporary	SC
	Supporting staff	Babuli Charan Das	peon watchman cum	5 th	-	2550-55-2660-60-3200/-	2605	29.7.08 (FN)	Temporary	SC
	Supporting staff	Krushna chandra Bhujabal	peon watchman cum	10 th	-	2550-55-2660-60-3200/-	2605	29.07.08 (FN)	Temporary	OBC

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

The total population of Kendrapara district is 13.02 lakh as per the 2001 census of which S.C population is 2, 67.186(20.5%) & S.T population is 6,822 (0.5%). The population density is 567 per Sq. km. with a sex ratio of 1014 females per 1000 male. The geographical area and the demographic pattern of the district and block is given in the following table.

1. Geographical area	2297.62 sq km.
2. Total population	2001 Census-1302005, Male-646438, Female-655567
3. Density per Sq.km.	567
4. Sex ratio	(female per 1000 male)-1014
5. S.T. Population	6822(0.5%)
6.S.C.Population	267186(20.5%)

BLOCK-WISE AREA AND DEMOGRAPHIC PATTERN OF KENDRAPARA DISTRICT

SI No	Block	Area in Sq. Km	Total population	SC population	ST Population	Literacy rate (%)
1	KENDRAPARA	255.17	178919	37675	706	77.67
2	DERABISH	183.18	129532	31209	503	78.98
3	PATTAMUNDAI	257.26	179924	49140	387	76.57
4	AUL	224.41	136297	30273	133	78.01
5	RAJKANIKA	263.68	126887	27074	10	77.12
6	RAJNAGAR	344.29	145301	16735	1947	71.88
7	MARSHAGHAI	157.58	115103	20959	111	79.08
8	MOHAKALAPARA	469.64	191745	33441	2966	71.90
9	GARADPUR	142.41	98297	20681	59	86.20
	Total	2297.62	1302005	267186	6822	76.81

LAND UTILIZATION PATTERN:

Out of the total geographical area of the district 11% is lying as cultivable waste and fallow. The block wise land utilization pattern is given below.

BLOCK-WISE LAND UTILIZATION PATTERN OF KENDRAPARA DISTRICT

SL NO	Block	Forest Area	Misc. tree Crops & grooves not included in net area sown	Permanent pasture & other grazing land	Culturable waste	Land put to non-agricultural uses	Barren & uncultivable lands	Current fallows	Other fallows	Net Area sown
1	KENDRAPARA	01	372	1351	477	3369	352	998	642	17577
2	DERABISH	05	402	648	243	3576	314	1359	410	14107
3	PATTAMUNDAI	19	123	1354	318	4217	01	1524	1296	13552
4	AUL	44	114	602	25	2811	359	3783	939	6445

5	RAJKANIKA	-	274	1438	39	6268	-	1473	1413	16676
6	RAJNAGAR	663	26	2135	32	5334	734	1227	1215	24668
7	MARSHAGHAI	36	122	905	99	2736	3	1286	256	10130
8	MOHAKALAPARA	3380	934	2543	437	8981	1	1534	2121	26536
9	GARADPUR	14	95	709	170	3125	41	1010	269	8115
	Total	4162	2462	11685	1840	40417	1805	14194	8571	137806

OPERATIONAL HOLDING:

There are 127020 operational house holds in the district. Out of this 116 are large farmers and 75914 are marginal farmers. The details of the operational holdings are as follows:

OPERATIONAL LAND HOLDINGS OF KENDRAPARA DISTRICT

Sl.No	Class	Total No	Total Area in ha	S.C no	S.C Area in Ha.	S.T no.	S.T Area in Ha.
1	Marginal (< 1 Ha)	75914	37674	20235	11142	590	325
2	Small (1-2 Ha)	33521	46043	2725	3678	354	514
3	Semi-medium (2-4 ha)	14689	39709	751	1877	89	213
4	Medium (4-10 Ha)	2780	15082	74	379	12	58
5	Large (>10 Ha)	116	1935	-	-	-	-
	Total	127020	140443	23785	17076	1045	1110

Sources- Orissa Agricultural Statistics, 2008-09, Director of Agri. & Food production, Orissa, BBSR

SOIL TYPE

Sl. No	Soil type	Characteristics	Area in ha
1	Alluvial	Coarse sand to clay texture, low in WHC, base saturation & fertility, acidic in reaction	152000 ha
2	Saline	Clay to clay loam in texture, low in N & K but medium in P, reduced uptake of K, Ca & Mg by plants due to presence of excess Na, suffers from H ₂ S injury	32350 ha
3	Black	Heavier in texture with more than 30% clay, soil reaction is neutral to slightly alkaline with presence of free CaCO ₃ nodules in profile	15850 ha

AGRO ECOLOGICAL SITUATION

Kendrapara district is located under East & South Eastern Coastal Plain Zone. Basing on physiographic and irrigation pattern Kendrapara district has been divided into four Agro Ecological situations (AES)

Blocks covered under different agro-ecological situations in Dist-Kendrapara

Sl.No	Agro climatic Zone (ACZ)	Agro ecological situation (AES)	Blocks covered	Area in '000 ha	% of geographical area of the zone	Soil Type
1	East & South Eastern Coastal Plain Zone	Coastal Irrigated alluvium (AES-1)	Kendrapara, Garadpur, Derabish, Pattamundai, Aul, Marshaghai, Mahakalpara, Rajkanika, Rajnagar	67.09	33.5	Alluvial (Sandy loam)
2		Rainfed alluvium (AES-2)	Garadpur, Derabish, Pattamundai, Aul, Rajnagar	84.91	42.4	Alluvial (Sandy loam)
3		Coastal alluvial saline (AES-3)	Kendrapara, Pattamundai, Aul, Marshaghai, Mahakalpara, Rajkanika, Rajnagar	32.35	16.1	Saline
4		Coastal waterlogged (AES-4)	Derabish, Marshaghai, Mahakalpara, Rajnagar	15.85	08	Black Soil clay loam

IRRIGATION

The main occupation of the people of the district is cultivation. But no such progress has yet been made in respect of assured irrigation facilities for which agriculture in Kendrapara district still depends on rain.

The district has a total irrigated area of 66307 ha which is about 42 % of the total area, contributed by major irrigation (30%), lift irrigation (6%), Dug wells (2%), & other sources (4%). Block wise irrigation potential of the district from different sources is indicated below.

BLOCKWISE IRRIGATION POTENTIAL OF KENDRAPARA DISTRICT (Figure in ha.)

Sl No	Block	Major Source	Lift irrigation	Wells (Dug+Bore)	Others	Total
1	Kendrapara	16240	780	204	650	17874
2	Derabis	10770	290	518	598	12176

3	Pattamundai	10948	984	891	896	13719
4	Aul	-	3682	89	992	4763
5	Rajkanika	-	1676	98	1281	3055
6	Rajnagar	-	791	50	1092	1933
7	Marshaghai	4410	594	99	496	5599
8	Mahakalpara	2810	782	10	744	4346
9	Garadpur	972	792	529	549	2842
	Total	46150	10371	2488	7298	66307

AREA, PRODUCTION AND PRODUCTIVITY OF MAJOR CROPS CULTIVATED IN THE DISTRICT

S. No	Crop	Area (ha)	Production ('000t)	Productivity (Qtl /ha)
1	Paddy	121975	238261	19.53
2	Maize	271	680	15.11
3	Green gram	4138	13970	4.10
4	Black gram	4266	17860	4.85
5	Ground nut	1160	23790	22.70
6	Sun flower	81538	134	6.5
7	Mustard	2143	911	4.80
8	Arhar	50	51	10.20
9	Jute	3312	13410	18.40
10	Brinjal	6110	88595	145
11	Tomato	4358	57874	132
12	Chilli	3670	3128	8.5
13	Cabbage	1706	47111	276
14	Cauliflower	1647	23431	142
15	Okra	1935	16850	87
16	Potato	1202	16407	136

S. No	Crop	Area (ha)	Production ('000t)	Productivity (Qtl /ha)
17	Onion	746	6789	91
18	Garlic	637	1910	30
19	Sweet potato	230	1871	81
20	Pea	89	783	88
21	Other vegetables	2212	21796	98
22	Zinger	818	2597	31.75
23	Turmeric	448	1371	30.60
24	Total spices	2924	5911.3	20.22
25	Existing Sugarcane	373	107	106

PRODUCTION AND PRODUCTIVITY OF LIVESTOCK, POULTRY, FISHERIES ETC. IN THE DISTRICT

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	29400	31000 MT/yr(milk)	
<i>Indigenous</i>	188728		
Buffalo	31735		
Sheep			
<i>Crossbred</i>	43367	324 MT/yr(meat)	
<i>Indigenous</i>			
Goats	104474		
Pigs			
<i>Crossbred</i>	9231		
<i>Indigenous</i>			
Rabbits			
Poultry			
Hens	301564	27 millions eggs/yr	
<i>Desi</i>			
<i>Improved</i>			
Ducks	94200		
Turkey and others			

Category	Population	Production	Productivity
Fish			
<i>Marine</i>		7363.5 MT	
<i>Inland</i>		5418.5 MT	2.97 MT/ha
Prawn		13.25 MT	
Scampi		23 MT	
Shrimp		1834.63 MT	1.12 MT/ha

RESOURCES & OPPORTUNITIES

S. N	PARTICULARS	KENDRAPARA DISTRICT			
		Costal irrigated alluvial	Rainfed alluvial	Costal alluvial saline	Costal water logged
	Resources				
1	Adequate rainfall	Y	Y	Y	Y
2	Soil is alluvial & sandy loam for pulses & oilseeds	Y	Y	Y	Y
3	Conducive climate for paddy, jute and sunflower	Y	Y	-	Y
4	Conducive climate for coconut, banana, guava etc.	Y	Y	Y	Y
5	Medium land suitable for vegetable & spices	Y	Y	Y	Y
6	Adequate pasture land for dairy	-	Y	Y	-
7	Vast low lying areas and high water table for pisciculture	Y	Y	Y	Y
8	Large scale cultivation of brinjal, tomato & other vegs.	Y	Y	Y	Y
9	Increase in banana & coconut cultivation	Y	Y	Y	Y
10	Farming system dominated by HYV rain fed paddy	Y	Y	Y	Y
11	Dominance of cattle & goatery & poultry in AH farming system	Y	Y	Y	Y
12	Increase in fish & prawn farming	Y	Y	Y	-
	Opportunity				
1	Availability of more water area for agriculture and fishery	Y	Y	Y	Y
2	Integrated watershed development	Y	Y	Y	Y
3	Scope for pasture development	Y	Y	Y	-
4	Scope for medicinal plantation	Y	Y	-	Y
5	Production of scented rice	Y	Y	-	-
6	Production of vegetable seeds	Y	Y	Y	Y

S. N	PARTICULARS	KENDRAPARA DISTRICT			
		Costal irrigated alluvial	Rainfed alluvial	Costal alluvial saline	Costal water logged
7	Establishment of agriclinic	Y	Y	Y	Y
8	Establishment of hatchery fish feed mill, aqua shops	Y	Y	Y	Y
9	Potential for mushroom cultivation	Y	Y	Y	Y
10	Expansion of area under floriculture	Y	Y	-	Y
11	Expansion of area under hybrid vegetables	Y	Y	Y	-
12	Expansion of area under hybrid paddy.	Y	Y	-	Y
13	Expansion of area under tuber crops, chilli, ginger & turmeric paddy.	Y	Y	Y	Y
14	Expansion of area under betel vine.	Y	Y	-	Y
15	Expansion of area under hybrid sunflower.	Y	Y	Y	Y
16	Expansion of area under jute cultivation.	Y	Y	-	-
17	Artificial insemination of cattle, goat & sheep	Y	Y	Y	Y
18	Expansion of area under banana, coconut, areca nut, lime, pineapple etc	Y	Y	Y	Y

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	Narendrapur	2010	Marshaghai	30 km	450	55
Kendrapara	Raipur	2008	Derabis	15 km	420	80
Kendrapara	Sanamangarajpur	2008	Kendrapara	16 km	288	48
Kendrapara	Kantia	2006	Kendrapara	15 km	162	37
Kendrapara	Jigaran colony	2008	Pattamundai	28 km	175	45
Kendrapara	Alailo	2010	Mahakalpada	45 km	350	48

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

KVK Name	THRUST AREA
Kendrapara	Weed management
Kendrapara	Integrated nutrient management
Kendrapara	Variety introduction/ substitution
Kendrapara	Judicious pest management practices
Kendrapara	Problem soil & water quality management
Kendrapara	Remunerative enterprise introduction
Kendrapara	Management of available natural resources
Kendrapara	Year round supply of nutritious feed and fodder
Kendrapara	Preservation and value addition
Kendrapara	Maximization of crop and fish yield
Kendrapara	Improvement of plant growth and vigour in plantation crops.
Kendrapara	Food security and livelihood generation

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

KVK Name	Problem identified	Methods of problem identification
Kendrapara	Weed management	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Integrated nutrient management	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Variety introduction/ substitution	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Judicious pest management practices	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Problem soil & water quality management	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Remunerative enterprise introduction	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Management of available natural resources	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Year round supply of nutritious feed and fodder	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Preservation and value addition	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Maximization of crop and fish yield	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Improvement of plant growth and vigour in plantation crops.	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Food security and livelihood generation	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Use of local, very old & degenerated seed varieties for growing cereals, millets, pulses, oilseeds & vegetables.	PRA tools, Diagnostic field visit, group discussion, exploratory survey

Kendrapara	Soil acidity leading to lower crop yield.	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Unaware of role of micronutrients in crop production.	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Application of imbalanced dose of major nutrients in almost all crops.	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Wide prevalence of pest & diseases in Agril/Hort.crops . Fishes & live stocks.	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Water logging	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Lack of scientific knowledge on agro based entrepreneurships.	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Distress sale of fruits & vegetables at peak harvest.	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Unutilisation of waste land, uncultivable fallow lands & field bunds around the village.	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Weed problem in upland crops.	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	A good number of school dropout rural youth roaming with out any vocational skill in each & every village	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Poor health with less or negligible productivity status of domestic animals & birds.	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Lack of availability of agricultural labour, and farm machineries for timely farm operations.	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Malnutrition in farm women & children	PRA tools, Diagnostic field visit, group discussion, exploratory survey
Kendrapara	Poor management of old orchards.	PRA tools, Diagnostic field visit, group discussion, exploratory survey

2. On Farm Testing

2.1 Information about OFT

KVK name	Year/ season	Problem diagnose	Category of technology (Assessment/ Refinement)	Thematic Area	Crop/ enterprise	Farming Situatio ns	Title of OFT	No. of trials	Results (with parameter) q/ha		Net Returns (Rs./ha)		Recommendatio ns
									Farmer practice T1	Rec. Tech T2	T1	T2	
Kendrapara	Rabi, 2010	Low yield due to poor flower setting in blackgram	Assessment	Integrated crop managem ent	Blackgram	Rainfed	Assessment of Nitro benzene in blackgram	5	4	6	11000	18000	Spraying of nitrobenzene @ 2gm/lts to blackgram before flowering
Kendrapara	Kharif, 2010	Low yield due to growing of Pratikshya in SRI due to more disease and pest attack	Assessment	Resour ce conserv ation technol ogy	Crop	Rainfed	Assessment of cv. Ranidhan in SRI method	2	40.3	53.6	10740	18080	Growing Ranidhan in SRI
Kendrapara	Rabi, 2011- 12	Low yield due to heavy weed infestation and high labour cost due to manual weeding in groundnut	Assessment	Weed managem ent	Groundnut	Rainfed	Assessment of chemical herbicide “Zargon” in Rabi groundnut	5	16	20.5	35100	48800	Zargon should be applied @ 70ml./Ac. After one day of sowing of seed
Kendrapara	Rabi, 2010	Reduction in yield and quality due to application of imbalanced fertilizer and low grade FYM	Assessment	INM	Cabbage	Irrigated	Assessment of Vermicompo st incubated with liquid biofertilizer (Azotobacter ,Azospirillu m and PSB) in cabbage	2	212	255	65,200	88500	Farmers should apply fertilizer on the basis soil test value along with vermicompost & bio-fertilizer

Kendrapara	Summer, 2010	Reduction in yield due to non use of biofertiliser & micronutrient as seed treatment	Refinement	INM	greengram	Irrigated	Assessment of rhizobium culture, sodium molybdate and Cobalt Chloride in greengram	5	Yield (t/ha) & Economics	Yield (t/ha) & Economics	continuing		Seed treatment with rhizobium culture @20gm/kg of seed along with Na molybdate and Cobalt chloride @ 3gm and 1gm/10kg seed
Kendrapara	Kharif 2010-11	Low yield due to withering of leaf	Assessment	IPM	Crop	Rainfed medium	Assessment of IPM for leaf folder in Kharif rice	5	% of infested plants=12 Yield (q/ha)=38.0 B:C= 2.01	% of infested plants=4 Yield (q/ha)=42.6 B:C= 2.13	17200	20340	Use of Trichogramma chilonis 20000/aand spraying Cartap hydrochloride @ 1gm/lt.
Kendrapara	Rabi, 2011-12	Reduction in yield, due to heavy defoliation and aborted curd formation	Assessment	Integrated pest management	Crop	Irrigated upland	Assessment of IPM for diamond back moth in cauliflower	5	% of infested plants= 16 Yield (q/ha)= 180 B:C= 2.05	% of infested plants= 5 Yield (q/ha)= 200 B:C= 2.36	65200	88500	Spraying of Ethophenprox @ 1gm/lt.
Kendrapara	Rabi, 2011-12	Defoliation, necrotic and yellowing of leaves & reduction in yield	Assessment	IDM	Crop	Irrigated	Assessment of T. Viridae and Propiconazol for suppression of Tikka disease in groundnut	5	i. Yield(q/ha)= result awaited ii. Infected leaves(%) = 18	Yield (q/ha)=result awaited ii. Infected leaves(%) = 8	-	-	-
Kendrapara	Kharif-2011	Withering of leaves, blackening of base of panicle and chaffy grain	Assessment	IDM	Crop	Irrigated	Assessment of Isoprothilane 40%EC for suppression of blast disease in	5	i. Yield (q/ha)= result awaited ii. % of	i. Yield (q/ha)= result awaited ii. % of infested	-	-	-

							paddy		infested plant=25	plant=10			
Kendrapara	Kharif 2010	Hand winnowing causes drudgery of farm women and increase cost of cultivation	Assessment	Drudger y reductio n	Enterprise	Rainfed	Assessment of drudgery reduction of farm women by using hand winnowing	15	1. Time taken for winnowin g= 8 qtl per day	1. Time taken for winnowin g by hand winnowing 20 qtl per day	-	-	-
Kendrapara	Rabi 2010	More drudgery due to decortication by hand	Assessment	Drudger y reductio n	enterprise	irrigated	Assessment of drudgery reduction of farm women by using groundnut decorticator (standing type)	2	1. Time taken for decorticati ng 2 kg per hour 2. six mandays for qtl	1. Time taken for decorticati ng 30 kg per hour 2. 4 mandays for qtl	-	-	-

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	Demo	Che ck	FP (T ₁)	RP (T ₂)	Refined Practi ce, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refin ed Practi ce, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refine d Practi ce, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refin ed Practi ce, if any (T ₃)
Kendra para	Assessment of Nitro benzene in blackgram	Yield, qtl/ha	-	-	9000	12000	-	20000	30000	-	11000	18000	-	2.22	2.50	
Kendra para	Assessment of cv. Ranidhan in SRI method	Yield, qtl/ha			21500	24800	-	32240	42880		10740	18080		1.49	1.72	
Kendra para	Assessment of chemical herbicide “Zargon” in Rabi groundnut	Yield, qtl/ha	-	-	22500	25000	-	57600	73800	-	35100	48800		2.56	2.95	
Kendra para	Assessment of Vermicompost incubated with liquid biofertilizer	Yield and Weight of head	825	670	62000	65000	-	1,27,200	153000	-	65200	88000	-	2.05	2.36	

	(Azotobacter, Azospirillum and PSB) in cabbage															
Kendra para	Assessment of rhizobium culture, sodium molybdate and Cobalt Chloride in green gram	Yield (Q/ha), no. of pods/plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kendra para	Assessment of IPM for leaf folder in Kharif rice	Yield (q/ha)	42.6	38.0	17000	18000	-	34200	38340	-	17200	20340	-	2.01	2.13	-
Kendra para	Assessment of IPM for diamond back moth in cauliflower	Yield (q/ha)	200	180	62000	65000	-	127200	153500	-	65200	88500	-	2.05	2.36	-
Kendra para	Assessment of T. Viridae and Difenconazol for suppression of Tikka disease in groundnut	Yield (q/ha), No. of infected leaves/plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kendra para	Assessment of Isoprothilane 40%EC for suppression of blast disease in paddy	Yield (q/ha), No. of infected leaves/plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2.3 Feedback from KVK to Research System

Name of KVK	Feedback
Kendrapara	<ol style="list-style-type: none"> 1. Performance of application of Nitrobenzene in blackgram accepted by all 2. All the farmers appreciated the performance of Ranidhan in SRI method 3. Performance of chemical herbicide Zargon in groundnut is remarkable 4. Release of Trichogamma chilonis for control of leaf folder in kharif paddy is not satisfactory 5. Vermicompost incubated with liquid biofertilizer, Azospirillum & PSB should be applied to cabbage along with STBFR in order to get good quality product & restoration of soil health 6. Groundnut decorticator reduces drudgery of farm women also save time

7. Hand winnower reduces drudgery of farm women
8. Swarna alaukik of pointed gourd is well accepted by villagers
9. Performance of agripro in vegetables are very well

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	Paddy	Varietal substitution	Introduction of HYV paddy (CV. Pratikshya) for mid low land situation	Training, demonstration, group meeting, field visit etc.	7	130	91
Kendrapara	Paddy	Integrated nutrient management	Integrated nutrient management in medium land paddy	Training and demonstration	6	112	84
Kendrapara	Paddy	Resources conservation technology	SRI in rabi rice	Training and demonstration	3	32	42
Kendrapara	Rice	Integrated nutrient management	Borax @0.25% & Zn EDTA @0.15% was spread twice during PI stage for reducing % of sterile grain	Field day, training and TV coverage etc.	4	105	56
Kendrapara	Potato	Integrated nutrient management	Application of STBFR 187.5-100-100Kg N-P ₂ O ₅ -K ₂ O/ha along FYM incubated liquid biofertilizer like Azotobactor, Azospirillum & PSB @100ml/AC	Training, group meeting, demonstration	6	135	42
Kendrapara	Cauliflower	Integrated nutrient management	Application of STBFR i.e 125-75-50kg/ha N-P ₂ O ₅ -K ₂ O along with twice spraying of Borax, Zinc sulphate & Sodium Molybdate @0.25%, 0.5% & 0.02% respectively after 25 days of planting in 10 days interval	Training, group meeting, demonstration	12	182	65
Kendrapara	Tomato	Integrated nutrient management	Application of lime 0.25LR for cartrop of blossom end rot disease	Training, meeting, demonstration	15	202	58
Kendrapara	Paddy	Integrated pest management	Suppression of yellow stem borer through pheromone trap, parasitoids and need based use of Cartap hydrochloride	Training, demonstration, group discussion, field visit	10	150	200

Kendrapara	Potato	Integrated disease management	Management of late blight of potato through seed treatment with Streptocycline, Carboxin 37.5% + Thiram 37.5%, spraying the crop with Metalxyl 8% + Mancozeb 64%	Training, FLD	20	240	150
Kendrapara	Paddy	Integrated disease management	Management of blast disease in paddy through Seed treatment and foliar spraying of with chemical fungicide (Tricyclazole 1gm/lit of water)	Training, FLD	45	400	120
Kendrapara	Brinjal	Integrated pest management	Management of fruit and shoot borer in Brinjal through Pheromone trap, bio-agent like <i>Trichogamma chilonis</i> and need based application of chemical pesticide.	Training, FLD	55	350	160
Kendrapara	Chilli	Integrated pest management	Management of thrips in chilli through chemical pesticide like Immidacloprid 17.8 SL	Training, FLD	30	250	60
Kendrapara	Marigold	Integrated Crop Management	Cultivation of marigold variety Ceracole with full package of practices with staggered method of planting. Compost @ 3kg/m ² is mixed in the soil. with 20gm.urea, 100gm. super phosphate and 50 gm muriate of potash/m ²	Training and demonstration	10	38	10
Kendrapara	Coconut	Integrated nutrient management	Apply fertilizers (1.5 kg Ammonium Sulphate, 1kg urea, 2 kg ssp, 2 kg mop and 3 kg magnesium sulphate per palm per year) in two splits. 1/3rd. dose is to be applied during April-May and 2/3rd during September-October for rain fed palms and four equal splits for irrigated palms. Apply neem cake @ 3 kg. per palm per year	Training and demonstration	15	65	25
Kendrapara	Nutritional garden	Resource conservation technology	Nutritional garden	Training and demonstration	15	425	22
Kendrapara	Poultry	Evaluation of breeds	Demonstration on semi intensive poultry rearing for dual purpose.	Training and demonstration	4	120	-
Kendrapara	Mushroom cultivation	Mushroom cultivation	Oyster mushroom cultivation	Training and demonstration	10	200	-
Kendrapara	cono weeder	Drudgery reduction	Use of rake weeder for reduction of drudgery of farm women	Demonstration	3	30	-
Kendrapara	Mango, Teak & Stylo	Agro forestry model	Horti-silvi-Pstural system for income generation and sustainable lively hood	Training, field visit & demonstration	1	1	.4

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/Technology/Enterprises	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Kendrapara	Integrated crop management	Paddy	Kharif-2010-11	Sowing of dhaincha seed @25Kg/ha and incorporating at six week stage	0.4	Swarna	40.1	32.3	24.14	-	-	-	4	4
Kendrapara	Weed management	Paddy	Kharif-2010-11	Application of Pretilachlore @1.5lit/ha	2	Lalat	42.2	35.6	18.53	1	-	-	3	4
Kendrapara	Resource conservation technology	Paddy	Rabi/Summer-2011	Planting of 10-12 days old rice seedlings with sufficient organic manure with a spacing of 25 x 25 cm.	0.8	Lalat	55.8	41.4	34.78				2	2
Kendrapara	Integrated nutrient management	Paddy	Kharif-2010-11	Use of soil test based(60-35-40) N:P:K kg/ha along with 15 kg BGA &10kg PSB/ha along with	1.5	Swarna	42.8	36.5	17.26	-	-	-	3	3
Kendrapara	INM	potato	Rabi, 2010-11	Application of liquid biofertilizer i.e Azotobacter Azospirillum & PSB incubated with vermicompost	0.4	Kufrichandramukhi	202	165	22.4	-	-	10	-	10
Kendrapara	INM	cauliflower	Rabi, 2010-11	Twice spraying of Borax @ 0.25%, Zinc Sulphate@ 0.5% and Sodium Molybdate @ 0.02% after 25 days in 10 days interval	0.8	Megha	228	204	11.7	-	-	2	-	2
Kendrapara	INM	Brinjal	Summer, 2010-11	Basal application of ZnSO4 and Borax @ 25kg and 10 kg/ha respectively	1.6	Hajari	-	-	-	-	-	-	-	-

Kendrapara	Integrated pest management	Paddy	Kharif -2010-11	Application of Carbofuran 3G @10G/10 cent of nursery 7-10 days before up of seedling tips. Fixation of Pheromone trap @8nos/acre. Release of parasitoid Trichogamma japonicum 6 times @20,000/acre	2	IPM for suppression of yellow stem borer in paddy	46.87	37.50	24.98	-	-	-	5	5
Kendrapara	IPM	Chilli	Rabi, 2010	Foliar spray of Imidachloprid 17.8SL@ 0.5 ml per litre of water	1	Application of chemical pesticide for management of thrips in chilli	45.0	38.0	18.42	-	-	-	4	4
Kendrapara	IPM	Potato	Rabi, 2010	Selection of disease free seed tubers, wet seed treatment with Vitavax Power 0.2% +Streptocycline 0.01% for 15 mins followed by shade drying and spraying with Ridomil MZ 72 0.2 % twice at 10 days interval.	1	IDM for management of late blight in potato	190	156	21.79	-	-	-	5	5

Kendrapara	IPM	Brinjal	Rabi, 2010	Use of pheromone traps (25 nos/ha) along with leucin lures, release of Trichogamma chilonis 50,000/ha as non chemical curative control measures. Need based application of cartap hydrochloride 2g/lit of water+ Diflubenzuron 0.5gm/lit of water+ Trizophos (2 ml/ lit of water) at 10 days interval alternatively	1	IPM for suppression of fruit & shoot borer in brinjal	302	265	13.96	-	-	-	5	5
Kendrapara	Vaiietal evaluation	Pointedgourd	Summer, 2011	Introduction of improved varieties of pointed gourd cv.Swarna Alaukik having light green fruits, 5-8 cm long, solid , thin skinned	0.12	Swarna Alaukik	140	112	25	-	-	-	6	6
Kendrapara	Vaiietal evaluation	Tomato	Rabi, 2011	Introduction of improved varieties of tomato cv. Utkal Pragyan, a wilt tolerant variety with average yield potential of 37.5 t/ha	0.2	Utkal Pragyan	260	205	26.8	-	-	-	-	-
Kendrapara	Vaiietal evaluation	Cowpea	Summer, 2011	Utkal Manik a dual season dwarf variety, pods are green meaty, tender, medium long 15-20 cm, resistant to mosaic	1.0	Utkal Manika	74	62	19.3	-	-	-	5	5

Kendrapara	ICM	Maruigold	Rabi ,2011	Cultivation of marigold variety Ceracole with full package of practices with staggered method of planting at weekly interval. Compost is applied @ 3kg/m2 is mixed in the soil. with 20 gm Urea, 80 gm Super phosphate and 50 gm muriate of potash/m2	0.4	Ceracole	102	-	-	-	-	-	4	4
Kendrapara	Drudgery reduction	Enterprise	Kharif 2010-11	Demonstration of cono weeder	10	Cono weeder	61.5	52	18.26	10	-	-	-	10
Kendrapara	Drudgery reduction	enterprise	Rabi, 2010	Reduction of drudgery by using improved sickle in Kharif rice	20	Improved sickle	21950	24800	12.98	20	-	-	-	20
Kendrapara	Evaluation of breeds	enterprise	Rabi, 2010	Introduction of colour bird black rock under semi intensive condition	22	Blackrock	2 kg per bird	1 kg per bird	50	22	-	-	-	22
Kendrapara	Mushroom cultivation	enterprise	Rabi, 2010-11	Cultivation of oyster mushroom P. Sajorcaju	10	Pleurotus sajorcaju	2 kg	1 kg	50	7			3	10
Kendrapara	Agro forestry model	Mango, Teak & Stylo	Kharif-2010-11	Suitable mango variety like Amrapali, Banganpalli & Mallika with high yield potential for long term benefit and better livelihood Stylo for short term benefit for small and big ruminants	0.4	Stylo, Amrapali, Banganpalli & mallika	180 (Stylo)	-	-	-	-	-	1	1

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	Sowing of dhaincha seed @25Kg/ha and incorporating at six week stage	Yield, qtl/ha	40.1	32.3	22800	20200	40100	32300	17300	12100	1.75	1.59
Kendrapara	Paddy	Application of Pretilachlore @1.5lit/ha	Yield, qtl/ha	42.2	35.6	22200	20800	42200	35600	20000	14800	1.90	1.71
Kendrapara	Paddy	Planting of 10-12 days old rice seedlings with sufficient organic manure with a spacing of 25 x 25 cm.	Yield, qtl/ha	55.8	41.4	26200	23600	55800	41400	29600	17800	2.12	1.75
Kendrapara	Paddy	Use of soil test based(60-35-40) N:P:K kg/ha along with 15 kg BGA &10kg PSB/ha along with	Yield, qtl/ha	42.8	36.5	23400	21200	42800	36500	19400	15300	1.82	1.73
Kendrapara	potato	Application of liquid biofertilizer i.e Azotobacter Azospirillum & PSB incubated with vermicompost	Single weight of tuber keeping quality	85 180 days	55 60days	52800	50215	1,01,100	82500	48200	32285	1.91	1.64
Kendrapara	cauliflower	Twice spraying of Borax @ 0.25%, Zinc Sulphate@ 0.5% and Sodium Molybdate @ 0.02% after 25 days in 10 days interval	Weight of curd yellow	730 gm 4%	650gm 18%	60000	58000	1,36,800	1,22,400	76800	64400	2.28	2.11
Kendrapara	Brinjal	Basal application of ZnSO4 and Borax @ 25kg and 10 kg/ha respectively	Yield, cracking of fruit	-	-	-	-	-	-	-	-	-	-

Kendrapara	Paddy	Application of Carbofuran 3G @10G/10 cent of nursery 7-10 days before up of seedling tips. Fixation of Pheromone trap @8nos/acre. Release of parasitoid Trichogamma japonicum 6 times @20,000/acre	Yield q/ha	46.87	37.50	21500	20500	37600	30000	16100	9500	1.74	1.46
Kendrapara	Chilli	Foliar spray Imidachloprid 17.8SL@ 0.5 ml per liter of water	Yield q/ha	45	38	46050	41200	112500	95000	66450	53800	2.4	2.3
Kendrapara	Potato	Selection of disease free seed tubers, wet seed treatment with Vitavax Power 0.2% +Streptocycline 0.01% for 15 mins followed by shade drying and spraying with Ridomil MZ 72 0.2 % twice at 10 days interval.	Yield q/ha	190	156	35200	31400	95000	78000	59800	46600	2.6	2.48

Kendrapara	Brinjal	Application of carbofuran 3G @ 30kg/ha 15 days after transplanting. Clipping of affected shoot and destroy the caterpillars Use of pheromone traps (25 nos/ha) along with leucin lures, release of Trichogamma chilonis 50,000/ha as non chemical curative control measures. Need based application of cartap hydrochloride 2g/lit of water+ Diflubenzuron 0.5gm/lit of water+ Trizophos (2 ml/ lit of water) at 10 days interval alternatively	Yield q/ha	302	265	56200	51100	120800	106000	63800	54900	2.13	2.07
Kendrapara	Pointedgourd	Introduction of improved varieties of pointedgourd cv.Swarna Alaukik having light green fruits, 5-8 cm long, solid , thin skinned	Yield q/ha	140	112	58,000	55,000	1,40,000	1,12,000	82,000	57,000	2.41	2.04
Kendrapara	Tomato	Introduction of improved varieties of tomato cv. Utkal Pragyan, a wilt tolerant variety with average yield potential of 37.5 t/ha	Yield ton per Ha	260	205	45,000	42,000	1,30,000	1,02,000	85,000	60,000	2.89	2.42
Kendrapara	cowpea	Utkal Manik a dual season dwarf variety, pods are green meaty, tender, medium long 15-20 cm, resistant to mosaic	Yield per ha	74	62	18,500	18200	44,400	37,200	25900	19,200	2.4	2.06

Kendrapara	Maruigold	Cultivation of marigold variety Ceracole with full package of practices with staggered method of planting at weekly interval. Compost is applied @ 3kg/m ² is mixed in the soil. with 20 gm Urea, 80 gm Super phosphate and 50 gm muriate of potash/m ²		102	-	52000	-	102000	-	50,000	-	1.96	-
Kendrapara	Enterprise	Demonstration of cono weeder	Labour saving	9 mandays/ha	25 mandays/ha	19800	17000	49200	41600	29400	24600	2.48	2.44
Kendrapara	enterprise	Reduction of drudgery by using improved sickle in Kharif rice	M ² /hour	110m ²	76	21950	24800	30750	37800	8800	13000	1.4	1.52
Kendrapara	enterprise	Introduction of colour bird black rock under semi intensive condition	Meat yield/bird	2	1.5	4800	2500	9600	3000	4800	500	2	1.2
Kendrapara	enterprise	Cultivation of oyster mushroom P. Sajorcaju	Yield/bed	1.5 kg/bed	1 kg/bed	1500	1100	6000	3500	4500	2400	2	1.2
Kendrapara	Mango, Teak & Stylo	Suitable mango variety like Amrapali, Banganpalli & Mallika with high yield potential for long term benefit and better livelihood Stylo for short term benefit for small and big ruminants	Yield of stylo	132	-	10000	-	26,400	-	16,400	-	2.64	-

3.4 Feedback of the Farmers

Name of KVK	Feedback
Kendrapara	All farmers appreciated performance of the technique of green manuring with dhaincha in Kharif HYV paddy
Kendrapara	All the farmer appreciated the performance of the demonstration and ready to accept chemical weedicide pretilachlore.
Kendrapara	All the farmers appreciated the performance of SRI technology and accepted with interest as more number of tillers in SRI method and higher yield.
Kendrapara	Farmers appreciated the performance of demonstration . They are ready to adopt INM in medium land paddy.
Kendrapara	Potato 1. Soil test based fertilizer recommendation reduce the excess expenditure made by farmer through fertilizer application 2. Reducing the dose of urea the keeping quality of potato increased 3. Application of fertilizer incubated vermicompost increased the quality of tuber
Kendrapara	Cauliflower 1. Boron application reduces the yellowness of curd increased the compactness 2. Application of Mo reduces leaf blight and whiptail disease
Kendrapara	The chemical pesticide Cartap hydrochloride reduces the pest incidence Pheromone trap also give good result but the availability of lure in the local market is difficult Integrated application of Pheromone trap Trichogramma and chemical pesticide reduces the stem borer attack in paddy
Kendrapara	Farmers should satisfaction on the performance of pesticide Imidacloprid which worked well in reducing the leaf curling in chilli
Kendrapara	Due to seed treatment in potato with new fungicide. The late blight of potato disease decreases, farmers should satisfaction on the technology
Kendrapara	All the farmers appreciated the technology. Pheromone trap reduces the pest population
Kendrapara	All the farmers appreciated the performance of pointed gourd var. <i>Swarna Alaukik</i> as 1-2 fruits are produced from each node and in some case it may go upto 3 fruits per node thus expecting more yield.
Kendrapara	Staggered planting method in marigold helped in year round production of flowers
Kendrapara	Farm women shows there interest for weeding with cono weeder because it is easy to handle
Kendrapara	All the farmers are interested to keep colour bird because they are getting more profit than local bird
Kendrapara	Farm women shows there interest for oyster mushroom cultivation because it adds to there family income.
Kendrapara	Save time also increases working efficiency of farm women. They feel comfortable for cutting paddy with improved sickle

3.5 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Kendrapara	Paddy Brinjal, chilli, potato, Cauliflower	Field days	7	350	
		Farmers Training	18	450	
		Media coverage	14	750	
		Training for extension functionaries	3	30	
Kendrapara	Bird, Mushroom	Field days	2	100	
		Farmers Training	5	125	
		Media coverage	2	840	
		Training for extension functionaries	2	20	
Kendrapara	Tomato, pointed gourd, marigold, cowpea	Field days	4	200	
		Farmers Training	3	75	
		Media coverage	2	1200	
		Training for extension functionaries	4	40	
Kendrapara	Agroforestry	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	1	160	
		Training for extension functionaries	1	25	

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
Kendrapara	Farmers & farm women	Field visit & observation-Basing on performance of water management in jute	28.5.10, KVK, Campus	25
Kendrapara	Farmers & farm women	Group discussion and meeting- Seeing the performance of the technology of INM in paddy	25.6.10, Vill-Alailo, Mahakalapara	25
Kendrapara	Farmers & farm women	Group discussion & mass contact- Farmers face problem in weed control & require weed management technique in jute	28.6.10, KVK, Campus	25
Kendrapara	Farmers & farm women	PRA tools & survey method & group meeting- Farmers were interested to grow fodder for animal feed	9.7.10, vill- Barimula,, Derabis	25
Kendrapara	Farmers & farm women	Field visit and mass discussion- Seeing the performance of the technology of water harvesting structures	16.7.10, KVK, Campus	25
Kendrapara	Farmers & farm women	Focus group discussion and field visit- Using the PRA tools it was found no use of green manures in paddy	23.7.10, Vill-Kantia, Block- Kendrapara	25

Kendrapara	Farmers & farm women	Group discussion and mass contact- Seeing the interest of farmers for seed production of paddy	11.8.10 to 13.8.10, KVK, Campus	25
Kendrapara	Farmers & farm women	PRA tools & techniques and need based survey & data collection- Based on weed problems in farmers field	14.9.10, Ghigidia,, Kendrapara	25
Kendrapara	Farmers & farm women	Field visit, discussion and group meeting- Seeing the performance & interest of farmers in rice-fish farming system	16.9.10, Poipat, Kendrapara	25
Kendrapara	Farmers & farm women	Group contact & field visit, meeting – Using PRA tools and techniques it was found that farmers interested very much for pond based farming system model in a commercial way	27.9.10 to 01.10.10, Nageswarapur, Derabis	10
Kendrapara	Farmers & farm women	Group contact & field visit, meeting – Using PRA tools and techniques it was found that farmers interested very much for farming system research	Koro-Mirajapur, 27.10.10	25
Kendrapara	Farmers & farm women	Group contact & field visit, meeting – Using PRA tools and techniques it was found that farmers interested very much for multiplication of BGA	Fakirabad/Oldhi, 28.10.10	25
Kendrapara	Farmers & farm women	Group contact & field visit, meeting – Using PRA tools and techniques it was found that farmers interested very much for use of Rhizobium in groundnut	Nuagaon, Derabis, 18.11.10	25
Kendrapara	IS	Group discussion with the line departments diagnostic field visit need for training on organic approach in production technique of pulse crops	KVK, Kendrapara, 24.11.10	10
Kendrapara	Farmers & farm women	Group contact & field visit, meeting – Using PRA tools and techniques it was found that farmers interested very much for sunflower production technique	KVK, Kendrapara, 29.12.10	25
Kendrapara	Farmers & farm women	Group contact & field visit, meeting – Using PRA tools and techniques it was found that farmers interested very much for SRI method of rice cultivation	KVK, Kendrapara, 21.1.11 & 22.1.11	25
Kendrapara	RY	Diagnostic field visit, group discussion, Need for training on post harvest management of rice	KVK, , Kendrapara, 4.02.11 to 7.02.11	25
Kendrapara	Farmers & farm women	Group contact & field visit, meeting – Using PRA tools and techniques it was found that farmers interested very much for intercropping for higher yield	KVK, Kendrapara, 24.2.11 & 25.02.11	25
Kendrapara	Farmers & farm women	Group contact & field visit, meeting – Using PRA tools and techniques it was found that farmers interested very much for fertilizer management in scented rice	KVK, Campus, Kendrapara, 10.3.11 & 11.3.11	25
Kendrapara	Farmers & farm women	Group contact & field visit, meeting – Using PRA tools and techniques it was found that farmers interested very much for crop selection for acid soil	KVK, Campus, Kendrapara, 14.3.11 & 15.3.11	25
Kendrapara	IS	Group discussion with the line departments diagnostic field visit need for training on varietal substitution of HYV paddy	KVK, , Kendrapara, 16.3.11	10
Kendrapara	Farmers & farm women	PRA tool & technique group discussion- Seeing the performance in farmers field	30.6.2010 , KVK, Kendrapara	25

Kendrapara	Farmers & farm women	Group discussion- The farmers were interested for soil testing and on the basis of soil test fertilizer recommendation will be there which will be definitely a balanced nutrient to crop	7.7.2010	KVK, Kendrapara	25
Kendrapara	Farmers & farm women	Group discussion and meeting- Looking to the effect of scheduling of fertilizer and rate of specific chemical fertilizer application the farmers were interested to follow the same	21.7.2010	Nolasahi, Derabis	25
Kendrapara	Farmers & farm women	Group discussion and meeting- Looking to the effect of scheduling of fertilizer and rate of specific chemical fertilizer application the farmers were interested to follow the same	10.8.2010	Kanchilo, Garadpur	25
Kendrapara	Farmers & farm women	Group discussion and meeting- Due to lack of knowledge on Vermicomposting and use of low quality FYM in vegetables the farmers were getting less income from vegetable growing but after teaching they were motivated towards Vermicomposting	20.8.2010	Balipatana, Pattamundai	25
Kendrapara	Farmers & farm women	Group discussion and meeting- The farmers were not interested taking pulses in the rabi due to salinity problem.	13.9.2010	Paikasahi, Aul	25
Kendrapara	Farmers & farm women	Group discussion and meeting.- Grain sterility is a measure concern in Kendrapara district due to non use of micronutrients. Use of Zn & B ultimately increased fertile grain% & weight grain ultimately increased in yield of rice	14.9.2010,	KVK, Kendrapara	25
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, farmers demand for training on INM in potato	16.11.10,	KVK, Kendrapara	25
Kendrapara	Farmers & farm women	PRA tools & survey method & group meeting- Farmers were interested to role of micronutrient in cole crop	31.12.10,	Bhateni	25
Kendrapara	Farmers & farm women	PRA tools & survey method & group meeting- Farmers were interested to use of biofertiliser in pulses	21.1.11 to 22.1.11,	KVK, Kendrapara	25
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, farmers demand for training on role of micronutrient in pulse	28.1.11 to 29.1.11,	KVK, Kendrapara	25
Kendrapara	IS	Group discussion with the line departments diagnostic field visit need for training on application of liming material on the basis of L.R in acid	15.4.2011 to 16.4.2011,	KVK, Kendrapara	10
Kendrapara	IS	Group discussion with the line departments diagnostic field visit need for training on importance of bacterial culture and micronutrient in pulses	18.4.2011 to 19.4.2011.	KVK, Kendrapara	10
Kendrapara	Farmers & farm women	Group discussion- Due to low yield of paddy straw mushroom in summer season, farmers demand for training on care and management of paddy straw mushroom	26.5.2010,	Khudi, Marshaghai	25
Kendrapara	Farmers & farm women	Group discussion, Farmers meeting, field visit. Due to indiscriminate use of pesticide there is need of training on safe and judicious use of pesticide.	30.6.2010	Nembera, Mahakalapura	25
Kendrapara	Farmers & farm women	Diagnostic field visit, PRA survey due to seed borne diseases of paddy there is low yield of paddy so farmers demand training on seed borne disease of paddy and their management.	6.8.2010	Alijanga, Kendrapara	25

Kendrapara	Farmers & farm women	Group discussion, Farmers meeting, field visit. Due to heavy infestation of pest in paddy, there is need of training on IPM of paddy.	11.8.2010, Balisahi, Marshaghai	25
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, farmers demand for training on pest and disease management in paddy	12.8.10, Balia, Mahakalapara	25
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, farmers demand for training on disease management in jute	20.8.2010, Alekhpur, Pattamundai	25
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, farmers demand for training on pest and disease management in banana	17.9.2010, Tulasipur, Marshaghai	25
Kendrapara	Rural youth	Group discussion- For high profit and market demand of paddy straw mushroom , some rural youth came forward for production of mushroom	18.9.2010, KVK, Kendrapara	20
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, Need for training on pests of brinjal and their management	30.9.2010, Khudi	25
Kendrapara	RY	Diagnostic field visit, group discussion, Need for training on Bee keeping for profit and pleasure	1.11.2010 to 5.11.2010, KVK, Kendrapara	15
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, Need for training on disease and pest management on coconut.	25.11.2010, Narsinghpur	25
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, Need for training on disease management of cole crops.	3.12.2010, Hatapatana, Pattamundai	25
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, Need for training on IDM in sunflower	24.12.2010, Pentha, Rajnagar	25
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, Need for training on IPM in mustard	31.12.2010, Kaitala, Rajnagar	25
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, Need for training on potato	24.02.11 KVK, Kendrapara	25
Kendrapara	RY	Diagnostic field visit, group discussion, Need for training on self employment through oyster mushroom cultivation	27.02.11, KVK, Kendrapara	25
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, Need for training on IPM in potato	8.3.11, Krushnadaspur	25
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, Need for training on IPM in chilli	Alailo, Mahakalapara, 11.3.11	25
Kendrapara	Farmers & farm women	Diagnostic field visit, group discussion, Need for training on pest and disease on groundnut through biological means	Kantia, 20.3.11	25
Kendrapara	IS	Group discussion with the line departments diagnostic field visit need for training on new generation pesticides for control of pest of different crops	KVK, Kendrapara, 16.3.2011	10
	IS	Group discussion with the line departments , diagnostic field visit need for training on botanical and bio-agent for control of pest of different crops	KVK, Kendrapara , 18.3.11	10
Kendrapara	Farmers & farmwomen	Diagnostic field visit & Exploratory survey- seeing the poor performance of banana plantations due to use of poor planting materials and no sucker treatment before planting, the training need is assessed.	24.5.10, Nilikana, Kendrapara	25
Kendrapara	Farmers & farmwomen	Using the PRA tools it is found that there is lack of technical knowledge for producing good quality seedlings for cultivation of Kharif tomato.	28.6.10, Alailo, Mahakalapada	25

Kendrapara	Farmers & farmwomen	Using the PRA tools it is found that there is almost no application of fertilizers to young fruit orchards of banana, papaya and coconut. Seeing this training need is assessed.	16.7.10, Ardapalli, Pattamundai	25
Kendrapara	Farmers & farmwomen	Diagnostic field visit- Seeing the poor plant stand and irregular layout on the pond embankment training need is assessed.	20.7.10, Janriabarimula, Kendrapara	25
Kendrapara	Farmers & farmwomen	Using the PRA tools it is found that there is demand for planting materials of ornamental plants but it has a short supply.	17.8.10, Gobindpur	25
Kendrapara	Farmers & farmwomen	Diagnostic field visit-Imbalance and excess application of nitrogenous fertilizers in off season/ early cole crops (Cauliflower).	25.8.10, Jaripada.	25
Kendrapara	Farmers & farm women	Diagnostic field visit- Imbalance and no application of organic and inorganic fertilizers in banana orchard results in low yield.	29.09.10, Ganja	25
Kendrapara	Farmers & farm women	Diagnostic field visit- Imbalance and excess application of inorganic fertilizers and no application of in banana orchard results in low yield.	30.09.10, Narsinghpur	25
Kendrapara	Farmers & farm women	Diagnostic field visit- Imbalance use of fertilizer in chilli	29.12.10, Pentha. Rajnagar	25
Kendrapara	Farmers & farm women	Diagnostic field visit- weed management in Rabi onion which reduces the onion yield	18.1.11, KVK, Kendrapara	25
Kendrapara	Farmers & farm women	Poor awareness and knowledge on locally available medicinal and aromatic plants in the vaccinating	21.1.11, Bhagabanpur	25
Kendrapara	Farmers & farm women	Diagnostic field visit- Poor management of potato causes damage of potato	22.3.11, Narendrapaur. Marshaghai	25
Kendrapara	Farmers & farm women	Diagnostic field visit- Staggered method of planting of marigold for round the season production of flower	25.3.11, Kudanagaripatana	25
Kendrapara	Farm women	Group discussion- Farm women were interested to preserve fruits in peak period for future use	22.5.10, Nilikana	25
Kendrapara	Farm women	Group discussion- Farm women were interested to preserve fruits in peak period for future use	19.7.10, Kacheripada	25
Kendrapara	Farm women	PRA survey and group discussion- Farm women were interested to grow vegetables and greens in proper way so as to increase in production	24.6.10 Alailo	25
Kendrapara	Farm women	Group discussion- Farm women were interested to grow paddy straw mushroom for house hold consumption as well as increase their income	10.8.10 sabalanga	25
Kendrapara	Farm women	Group discussion- Farm women were interested to grow paddy straw mushroom for house hold consumption as well as increase their income	12.8.10 Govindpur	25
Kendrapara	Farm women	Group discussion- Farm women were interested to grow vegetables and greens in proper way so as to increase product	15.9.10, Budamal basanta	25
Kendrapara	Farm women	Group discussion- Farm women were interested to raise seedlings during winter for their nutritional garden.	30.9.10 Tarando, Kendrapara	25

Kendrapara	Farm women	Group discussion and field visit- Due to lack of knowledge on Vermicomposting and use of low quality FYM in vegetables the farmers were getting less income from vegetable growing but after teaching they were motivated towards Vermicomposting	29.10.2010, Chatar- Chhakada	25
Kendrapara	Farm women	Group discussion- For high profit and market demand of oyster mushroom , some lady SHG came forward for production of mushroom	25.11.2010, Kacheripara, Kendrapara	25
Kendrapara	Farm women	Interview method farm women were interested to use improved sickle as it reduce their drudgery and increase their efficiency for harvesting paddy	21.12.2010, Kacheripara, Kendrapara	25
Kendrapara	Farm women	Group discussion- For high profit and market demand of oyster mushroom , some lady SHG came forward for production of mushroom	28.12.2010, Bishok	25
Kendrapara	Farm women	Group discussion- Farm women were interested to gain knowledge about storage of green gram and blackgram	Nilikana, 9.02.11 to 10.2.11	25
Kendrapara	Farm women	Field visit and group discussion- Farm women were interest to know about poultry management	Chanchunia, 11.2.11 & 14.2.11	25
Kendrapara	Farm women	Group discussion- farm women were interested to prepare value added product from mushroom	Corapada, 18.2.11 & 19.2.11	25
Kendrapara	RY	Group discussion- Rural youth came forward to prepare value added product from oyster mushroom for marketing	Baghilo, 21.1.11 to 22.1.11	25
Kendrapara	RY	Group discussion- Rural youth came forward to prepare value added product from oyster mushroom for marketing	Bajipara, 27.1..2010 to 28.1.2010	25
Kendrapara	IS	Interview method-Angawanbadi workers were interested to grow vegetables and greens for getting fresh vegetables through out the year	Raipur, 26.10.10	10
Kendrapara	Vocational	Group discussion- SHG were interested to know about preparation of insence stick	Ichhapur, 14.3.2011 to 18.3.2011	15
Kendrapara	Vocational	Group discussion- SHG were interested to know about preparation of different spices for commercial use	Ichhapur, 7.3.11 to 10.3.11	15
Kendrapara	In-service & extension functionaries	Conducted village meeting & use PRA tools included resource mapping, focus group discussion with different wellbeing, problem matrix ranking & analyze the situation with villagers to identify the needs with local environment	25.6.2010 KVK, Kendrapara	25
Kendrapara	In-service & extension functionaries	Focus group discussion with different wellbeing, problem matrix ranking & analyze the situation with villagers to identify the needs with local environment	17.7.2010 KVK, Kendrapara	25
Kendrapara	Rural youth	Focus group discussion with different wellbeing, problem matrix ranking & analyze the situation with villagers to identify the needs with local environment	17.8.2010 , KVK, Kendrapara	25
Kendrapara	In-service & extension functionaries	Focus group discussion with different wellbeing, problem matrix ranking & analyze the situation with villagers to identify the needs with local environment	16.9.2010, KVK, Kendrapara	25
Kendrapara	RY	Diagnostic field visit- Poor awareness and value addition of crops causes severe damage in loses	23.12.10, Chacherisahi,	25
Kendrapara	RY	Diagnostic field visit- An employment among rural youth causes poor farm entrepreneurship	31.12.10, Kulalanjiguda	25

Kendrapara	RY	Diagnostic field visit- Monocropping and poor farm diversification hampered farm profitability	24.1.11, KVK, Campus	25
Kendrapara	RY	Poor planning and management of farm causes poor return from farm	27.1.11, KVK, Campus	25
Kendrapara	RY	Poor return from farm production due to monocropping	28.2.11, Barua	25
Kendrapara	RY	Poor management of farm resources	14.3.11, Itipur	25

Abbreviation Used

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

5. TRAINING PROGRAMMES

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

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
Kendrapara	FW	ONC	CRP	Water management in jute	1	1	23	-	2	-	-	-	-	-
Kendrapara				Weed management in jute	1	1	18	-	7	-	-	-	-	-
Kendrapara				Construction technology of water harvesting structure	1	1	24	-	1	-	-	-	-	-
Kendrapara				Production technique of sunflower	1	1	21	-	4	-	-	-	-	-
Kendrapara				Fertilizer management in scented rice cultivars	1	2	25	-	-	-	-	-	-	-
Kendrapara				Crop and variety selection for acid soil	1	2	19	3	3	-	-	-	-	-
Kendrapara				Inter cropping for higher yield and sustainability	1	2	21	2	2	-	-	-	-	-
Kendrapara				SRI method of rice cultivation to mitigate global warming	1	2	18	-	7	-	-	-	-	-
Kendrapara	FW	ONC	SFM	Soil sample collection technique and processing	1	1	-	-	3	-	-	-	22	-
Kendrapara				Soil test based fertilizer recommendation to crops	1	1	-	-	-	-	-	-	25	-
Kendrapara				Micronutrient application in rice	1	1	-	-	6	-	-	-	19	-
				Use of biofertilizers in	1	2	-	-	2	-	-	-	23	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
				pulses										
				Role of micronutrient in pulse production	1	2	-	-	1	-	-	-	23	1
Kendrapara				INM in potato	1	1	-	-	3	-	-	-	22	-
Kendrapara				Management of acid soil	1	1	-	-	-	-	-	-	25	-
Kendrapara	FW	ONC	WOE	Nursery raising of winter vegetable	1	1	-	2		23				
Kendrapara				Preparation technique of tomato puree and pickle	1	2	-	-	-	1	-	-	-	24
Kendrapara				Value addition in oyster mushroom	1	2				6				19
				Scientific storage of greengram & blackgram	1	2				1				24
				Management of poultry during winter	1	2				4				21
Kendrapara	FW	OFC	CRP	Cultivation technique of fodder	1	1	16	9	-	-	-	-	-	-
				Integrated nutrient management in paddy pulse cropping system	1	1	20	-	5	-	-	-	-	-
Kendrapara				Green manuring in rice	1	1	16	5	3	1	-	-	-	-
Kendrapara				Chemical weed control in up land rice	1	1	22	-	3	-	-	-	-	-
Kendrapara				Rice-fish farming technique in the deep water logged area	1	1	24	-	1	-	-	-	-	-
Kendrapara				Farming system research approach for better sustainability	1	1	15	2	8	-	-	-	-	-
Kendrapara				Use and multiplication of BGA in paddy	1	1	14	-	11	-	-	-	-	-
Kendrapara				Rhizobium use for seed treatment in groundnut	1	1	10	7	5	3	-	-	-	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
Kendrapara	FW	OFC	SFM	Fertilizer scheduling and rate of application to rice crop	2	2	-	-	7	-	-	-	42	1
Kendrapara				Use of vermicompost in vegetable	1	1	-	-	8	-	-	-	17	-
Kendrapara				Role of micronutrients in cole crop	1	1	-	-	-	-	-	-	16	9
				Use of amendments in saline soil	1	1	4	-	-	-	-	-	21	-
Kendrapara	FW	OFC	PLP	Care and management of paddy straw mushroom in summer season	1	1	5	17	-	3	-	-	-	-
Kendrapara				Safe and judicious use of pesticide	1	1	24	-	1	-	-	-	-	-
Kendrapara				Seed borne disease of paddy and their management	1	1	25	-	-	-	-	-	-	-
Kendrapara				Integrated pest management in Kharif paddy	1	1	24	1	-	-	-	-	-	-
Kendrapara				Integrated disease management in Kharif paddy	1	1	23	2	-	-	-	-	-	-
Kendrapara				Integrated disease management in jute	1	1	19	-	6	-	-	-	-	-
Kendrapara				Pest and disease management in banana	1	1	25	-	-	-	-	-	-	-
Kendrapara				Pests of Brinjal and their management.	1	1	24	-	1	-	-	-	-	-
Kendrapara				Disease and pest management in coconut	1	1	8	-	15	2	-	-	-	--
Kendrapara				Disease management of cole crops	1	1	23	-	2	-	--	-	-	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
Kendrapara				Integrated disease management in sunflower	1	1	16	7	-	2				
Kendrapara				Integrated pest management in mustard	1	1	20	5	-	-	-	-	-	-
Kendrapara				Integrated pest management of potato	1	1	21	-	4	-				
Kendrapara				Integrated disease management of potato	1	1	20	-	5	-	-	-	-	-
Kendrapara				Integrated pest management in chilli	1	1	19	-	6					
Kendrapara				Management of pest & disease of groundnut through biological means	1	1	12	-	12	1	-	-	-	-
Kendrapara	FW	OFC	HOV	Nursery raising techniques for cultivation of Kharif tomato	01	01			07				16	02
Kendrapara				Integrated nutrient management for off season cultivation of cole crops	01	01			01	05			10	09
Kendrapara				Integrated nutrient management in brinjal	01	01							23	02
Kendrapara				Post harvest management of potato	01	02	22						03	
Kendrapara	FW	OFC	HOP	Fertilizer management of young orchards	01	01			04	02			16	03
Kendrapara				Layout for planting of fruits and vegetables suitable for pond embankment	01	01			09				14	02
Kendrapara	FW	OFC	HOF	Selection of banana suckers and its treatment before banana cultivation	01	01							18	07

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
Kendrapara				Fertilizer management in banana plantations	01	01	25							
Kendrapara	FW	OFC	HOO	Propagation technique of ornamental plants	01	01				04				21
Kendrapara				Staggered planting material of marigold for round the season production of flowers	01	02	19	02	01				03	
Kendrapara	FW	OFC	HOS	Fertilizer management in chilli	01	01	04	10					09	02
Kendrapara				Weed management in rabi onion	01	02	17		05				03	
Kendrapara	FW	OFC	HOM	Use of locally available medicinal and aromatic plants	01	02							23	02
Kendrapara	FW	OFC	WOE	Preparation technique of mango pickle	1	1	-	-	-	4	-	-	-	21
Kendrapara				Planning, layout and development of nutritional garden	1	1	-	-	-	9	-	-	-	16
Kendrapara				Preparation technique of pine apple squash	1	1	-	-	-	20	-	-	-	5
Kendrapara				Paddy straw mushroom raising technique	2	2				8				42
Kendrapara				Planning, layout and development of nutritional garden	1	1	-	-	-	-	-	-	-	25
Kendrapara				Use of vermicompost in nutritional garden	1	1	-	-	-	12	-	-	-	13
Kendrapara				Oyster mushroom raising technique	2	2				15				35

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
Kendrapara				Use of improved sickle for reduction drudgery of farm women	1	1	-	-	-	24	-	-	-	1
Kendrapara	RY	ONC	CRP	Seed production technique of paddy	1	3	20	-	-	-	-	-	-	-
Kendrapara				Post harvest management of rice	1	4	17		8	-	-	-	-	-
Kendrapara		ONC	SFM	Indigenous preparation techniques of biofertilisers.	1	1	-	-	-	-	-	-	20	-
Kendrapara		ONC	PLP	Self employment through Paddy straw mushroom cultivation	1	1	5	14	-	1				
Kendrapara				Self employment through oyster mushroom cultivation	1	1	10	8	7	-	-	-	-	-
Kendrapara		ONC	WOE	Post harvest storage of oyster mushroom	2	4				2				48
Kendrapara		ONC	AGF	Integrated farming system for sustainable livelihoods and preparation of farm production plan	01	02	22	--	-	-	-	-	03	-
Kendrapara				Management of Available Natural Resources	01	02	23		02					
Kendrapara	RY	OFC	AGF	Post harvest processing and value addition skills	01	01	21	4						
Kendrapara				Farm entrepreneurship for self employment	01	01	20	5						
Kendrapara				Farm diversification for profitable agriculture	01	02	22	3						
Kendrapara				Micro planning for farm	01	02	24	1						

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
				problem management										
Kendrapara				Commercial farming for more production and profit	01	02	20		02				03	
Kendrapara	IS	ONC	CRP	Location specific varietal substitution in different HYV paddy	1	1	8	1	1	-	-	-	-	-
Kendrapara				Organic approach in cultivation and production technique of pulse crops	1	1	7	2	-	1	-	-	-	-
Kendrapara		ONC	SFM	Application of liming material on the basis of lime requirement in acid soil.	1	2	-	-	-	-	-	-	10	-
Kendrapara				Importance of bacterial culture and micronutrient in pulses	1	2	-	-	-	-	-	-	10	-
Kendrapara		ONC	PLP	New generation pesticides used for control of pest of different crops	1	1	9	-	1					
Kendrapara				Botanicals and bio-agent used for control of pests of different crop.	1	1	9	-	1					
Kendrapara		ONC	WOE	Layout and instance of crop rotation in nutritional garden	1	1	-	8	-	2	-	-	-	-
	IS		OTH	FYC Organisation and management	1	1	-	-	-	-	-	-	25	-
				Formation of SHG and federation	1	1	-	-	-	-	-	-	25	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
				Knowledge sharing and technology blending	1	1	-	-	-	-	-	-	25	-

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						
					SC		ST		Others		
					M	F	M	F	M	F	
Kendrapara	Preparation of insence stick	Enterprise	Small scale processing	5		2					13
Kendrapara	Preparation of different spices	Enterprise	Small scale processing	4		-	-	-	-	-	15
Kendrapara	Pond based farming and farming system model in a commercial way	enterprise	Farming system	5	1	-	-	-	-	9	-
Kendrapara	Bee keeping for profit & pleasure	enterprise	Bee keeping	5	10	5	-	-	-	-	-
Kendrapara	Preparation technique and use of vermicompost in agriculture			3	1	-	-	-	-	9	-

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	
Kendrapara	Oyster mushroom raising technique	Small scale unit	15	200	Nil
Kendrapara	Paddy straw mushroom cultivation	Small scale unit	10	150	Nil
Kendrapara	Rearing and management of poultry	Poultry rearing	10	50	Nil

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)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Kendrapara	Strengthening of Farmer club	CRP		FW	01		50						NABARD	
Kendrapara	Pani Panchayat	CRP		FW	01		50						Lift Irrigation	

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)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							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	Water management in jute	25	38	71	14	20	-	-	1. 88ha 2. 14 No. adopted 3. i. knowledge- 86.84%
Kendrapara	Integrated nutrient management in paddy pulse cropping system	25	36	68	-	-	-	-	1. 69 ha 2. 18 No. adopted 3. i. knowledge- 88.88%
Kendrapara	Weed management in jute	25	28	55	16	19	-	-	1. 51 ha 2. 11 No. adopted 3. i. knowledge- 96.42% , ii. Production- 18.75%
Kendrapara	Cultivation technique of fodder	25	23	59	-	-	-	-	1. 28 ha 2. 14 No. adopted 3. i. knowledge- 156.52%
Kendrapara	Construction technology of water harvesting structure	25	34	62	-	-	-	-	1. 43 ha 2. 8 No. adopted 3. i. knowledge- 82.35%
Kendrapara	Green manuring in rice	25	35	78	-	-	-	-	1. 92 ha 2. 21 No. adopted 3. i. knowledge- 122.85%
Kendrapara	Seed production technique of paddy	20	29	63	-	-	-	-	1. 74 ha 2. 9 No. adopted 3. i. knowledge- 117.24%

Kendrapara	Chemical weed control in paddy	25	18	61	-	-	-	-	1. 62 ha 2. 14 No. adopted 3. i. knowledge- 238.88%
Kendrapara	Rice-fish farming technique in the deep water logged area	25	14	43	-	-	-	-	1. 32 ha 2. 6 No. adopted 3. i. knowledge- 20% , 14%
Kendrapara	Pond based farming and farming system model	10	36	78	-	-	-	-	1. 55 ha 2. 6 No. adopted 3. i. knowledge- 116.66%
Kendrapara	Farming system research approach for better sustainability	25	18	61	-	-	-	-	1. 62 ha 2. 14 No. adopted 3. i. knowledge- 238.88%
Kendrapara	Use and multiplication of BGA in paddy	10	32	47	35	42	14000	21,000	1. 111 ha 2. Out of 10 trainees 3 trainee adopted 3. i. knowledge- 46% ii. Production- 20% iii. Income- 50%
Kendrapara	Rhizobium use for seed treatment in groundnut	25	43	71	18	26	12000	16000	1. 124 ha 2. Out of 25 trainees 12 trainee adopted 3. i. knowledge- 65% ii. Production- 44% iii. Income- 33%
Kendrapara	Production technique of sunflower	25	31	55	20	26	14000	20000	1. 138 ha 2. Out of 25 trainees 6 trainee adopted 3. i. knowledge- 77% ii. Production- 30% iii. Income- 42%
Kendrapara	SRI method of rice cultivation to mitigate global warming	25	32	68	32	51	17000	35000	1. 220 ha 2. Out of 25 trainees 13 trainee adopted 3. i. knowledge- 112% ii. Production- 59% iii. Income- 105%

Kendrapara	Inter cropping for higher yield and sustainability	25	38	62	34	44	18000	27000	1. 116 ha 2. Out of 25 trainee 9 trainees adopted the inter cropping practice 3.i. Knowledge- 63% , ii.. Production- 29%, iii. Income- 50%
Kendrapara	Crop and variety selection for acid soil	25	38	57	33	40	16000	23000	1. 156 ha 2. Out of 25 farmers 16 founded the bio-fertilizer application in paddy. 3.i. Knowledge- 50% ii.. Production- 21% iii. Income- 44%
Kendrapara	Fertilizer management in scented rice cultivars	25	32	68	32	51	17000	35000	1. 220 ha 2. Out of 25 trainees 13 trainee adopted 3. i. knowledge- 112% ii. Production- 59% iii. Income- 105%
Kendrapara	Post harvest management of rice	25	45	71	34	43	14000	22000	1. 165 ha, 2. Out of 25 farmers 18 accepted the INM practice in paddy pulse cropping system 3. i. Knowledge- 58%, ii. Production- 26%, iii. Income- 57%
Kendrapara	Location specific varietal substitution in different HYV paddy	25	41	62	18	23	18000	26000	1. 96 ha 2. Out of 25 farmers 11 farmer accepted the technology of water management in jute, 3.i. Knowledge- 51% , ii.. Production- 28%, iii. Income- 44%
Kendrapara	Organic approach in cultivation and production technique of pulse crops	25	38	57	33	40	16000	23000	1. 156 ha 2. Out of 25 farmers 16 founded the bio-fertilizer application in paddy. 3.i. Knowledge- 50% ii.. Production- 21% iii. Income- 44%
Kendrapara	Soil sample collection technique and processing	25	36	65	-	-	-	-	1. 45 ha 2. 15 No. of farmer adopted technology 3. i. Knowledge- 80.5%,

Kendrapara	Soil test based fertilizer recommendation to crops	25	24	35	-	-	-	-	1. 62 ha 2. 12 No. of farmer adopted technology 3. i. Knowledge- 45.8%
Kendrapara	Fertilizer seedling and rate of application to rice crops	50	28	68	-	-	-	-	1. 76 ha 2. 45 No. of farmer adopted technology 3. i. Knowledge- 142.8%
Kendrapara	Use of vermicompost in vegetable	25	22	40	165	202	22,500	39,000	1. 21 ha 2. 12 No. of farmer adopted technology 3. i. Knowledge- 81.8% ii. Production-22.4%, iii. Income- 73..3%
Kendrapara	Use of amendment in saline soil	25	18	35	-	-	-	-	1. 52 ha 2. 15 No. of farmer adopted technology 3. i. Knowledge- 94.4%
Kendrapara	Micronutrient application in rice	25	45	72	36	45	1400	2300	1. 48 ha 2. 14 No. of farmer adopted technology 3. i. Knowledge- 60%, ii. Production- 25% iii. Income- 64.3%
Kendrapara	Management of acid soil	25	42	65	-	-	-	-	1. 112 ha 2. 20 No. of farmer adopted technology 3. i. Knowledge- 54.7%
Kendrapara	INM in potato	25	24	52	160	192	30,000	46000	1. 58 ha 2. 15 No. of farmer adopted technology 3. i. Knowledge- 116.6%, ii. Production- 20% iii. Income- 53.5%
Kendrapara	Role of micronutrients in cole crop	25	34	48	195	248	56,800	88,000	1. 62ha 2. 18 No. of farmer adopted technology 3. i. Knowledge- 41.2%, ii. Production- 25.2% iii. Income- 54.9%

Kendrapara	Use of biofertilizers in pulses	25	42	64	4.5	6.2	18500	27,000	1. 55 ha 2. 20 No. of farmer adopted technology 3. i. Knowledge- 52.3%, ii. Production- 37.7% iii. Income- 45.9%
endrapara	Role of micronutrient in pulse production	25	36	58	4.2	6.5	17000	28500	1. 40 ha 2. 12 No. of farmer adopted technology 3. i. Knowledge- 61.1%, ii. Production- 54.1% iii. Income- 67.6%
Kendrapara	Importance of paper mill sludge in pulses and oilseeds production	25	48	88	4.8	6.8	20,000	30,000	1. 96 ha 2. 22 No. of farmer adopted technology 3. i. Knowledge- 83.3%, ii. Production- 41.6% iii. Income- 50.0%
Kendrapara	Indigenous preparation techniques of biofertilisers.	25	26	42	-	-	-	-	1. 12 ha 2. 10 No. of farmer adopted technology 3. i. Knowledge- 61.5%
Kendrapara	Preparation technique and use of vermicompost in agriculture	25	38	52	165	188	22500	29000	1. 1 ha 2. 15 No. of farmer adopted technology 3. i. Knowledge- 36.8%, ii. Production- 13.9% iii. Income- 28.9%
Kendrapara	Application of liming material on the basis of lime requirement in acid soil.	25	18	32	-	-	-	-	1. 52 ha 2. 12 No. of farmer adopted technology 3. i. Knowledge- 77.7%,
Kendrapara	Care and management of paddy straw mushroom in summer season	25	40	70	1	1.5	701	105	1. 100 villages of the district 2. 700 adopted the technology 3. i. Knowledge- 75%, ii. Production- 50% iii. Income- 50%
Kendrapara	Safe and judicious use of pesticide	25	10	30	-	-	-	-	1. Area expanded 80 ha 2. No of farmers adopted- 250 nos. 3. i. Knowledge- 20%

Kendrapara	Seed borne disease of paddy and their management	25	10	45	-	-	-	-	1. Area expanded 200 ha 2. No of farmers adopted- 400 nos. 3. i. Knowledge- 77%
Kendrapara	Integrated pest management in kharif paddy	25	25	55	-	-	-	-	1. Area expanded 150 ha 2. No of farmers adopted- 200nos. 3. i. Knowledge- 54%
Kendrapara	Integrated disease management in kharif paddy	25	20	40	-	-	-	-	1. Area expanded 120 ha 2. No of farmers adopted- 150nos. 3. i. Knowledge- 40%
Kendrapara	Integrated disease management in jute	25	30	55	-	-	-	-	1. Area expanded 25 ha 2. No of farmers adopted- 50 nos. 3. i. Knowledge- 54%
Kendrapara	Pest and disease management in banana	25	25	63	350	450	35,600	46,800	1. 50 ha 2. Out of 25 trainees 8 farmers adopted the scientific pest and disease in banana 3.i. Knowledge- 60% ii. Production- 22% iii. Income- 23.93%
Kendrapara	Pests of Brinjal and their management.	25	48	70	300	450	28,860	44,430	1. 80 ha 2. Out of 25 trainees 14 farmers adopted the scientific pest management in brinjal 3.i. Knowledge- 31.42% ii. Production- 33.33% iii. Income- 35.04%
Kendrapara	Disease and pest management in coconut	25	15	45	35	55	28,00	5,600	1. 150 ha 2. Out of 25 trainees 18 farmers adopted the disease and pest management in coconut 3.i. Knowledge- 66.66% ii. Production- 36.36% iii. Income- 50%
Kendrapara	Disease management of cole crops	25	55	65	250	300	1,10,000	1,50,000	1. 85 ha 2. Out of 25 trainees 11 farmers adopted the integrated disease management of cole crops 3.i. Knowledge- 15.38% ii. Production- 16.66% iii. Income- 26.66%

Kendrapara	Integrated disease management in sunflower	25	35	51	-	-	-	-	1. 28 ha 2. Out of 25 trainees 9 farmers adopted the technology of proper layout of pond embankment. 3. i. Knowledge- 45.7%
Kendrapara	Integrated pest management in mustard	25	45	72	36	45	1400	2300	1. 48 ha 2. 14 No. of farmer adopted technology 3. i. Knowledge- 60%, ii. Production- 25% iii. Income- 64.3%
Kendrapara	Integrated pest management of potato	25	24	52	160	192	30,000	46000	1. 58 ha 2. 15 No. of farmer adopted technology 3. i. Knowledge- 116.6%, ii. Production- 20% iii. Income- 53.5%
Kendrapara	Integrated disease management of potato	25	47	67	10	210	80,000	105000	1. 80 ha 2. Out of 25 trainees 11 farmers adopted the scientific disease management of potato 3.i. Knowledge- 29.85% ii. Production- 23.80% iii. Income- 23.50%
Kendrapara	Integrated pest management in chilli	25	42	64	4.5	6.2	18500	27,000	1. 55 ha 2. 20 No. of farmer adopted technology 3. i. Knowledge- 52.3%, ii. Production- 37.7% iii. Income- 45.9%
Kendrapara	Management of pest & disease of groundnut through biological means	25	28	55	16	19	-	-	1. 51 ha 2. 11 No. adopted 3. i. knowledge- 96.42% , ii. Production- 18.75%
Kendrapara	Self employment through Paddy straw mushroom cultivation	50	50	80	1	1.5	70	105	1.90 villages 2.600 adopted the technology 3. i. Knowledge-60 % ii. Production –50 % iii. Income- 50 %

Kendrapara	Self employment through oyster mushroom cultivation	50	45	70	1kg	1.5 kg	40	60	1.130 villages 2.40 adopted the technology 3. i. Knowledge-55.6 % ii. Production –50 % iii. Income- 50 %
Kendrapara	Bee keeping for profit and pleasure	15	20	57	5	10	1000	2000	1.10 villages 2. Out of 15 trainees 5 farmers adopted the recommended scientific bee keeping 3.i. Knowledge- 64.91% ii. Production- 50% iii. Income- 50%
Kendrapara	New generation pesticides used for control of pest of different crops	25	39	53	-	-	-	-	1. 123 ha 2. Out of 25 trainees 15 farmers applied fertiliers to the coconut/ papaya/banana plantation. 3. i. Knowledge- 36%
Kendrapara	Botanicals and bio-agent used for control of pests of different crop.	25	45	72	36	45	1400	2300	1. 48 ha 2. 14 No. of farmer adopted technology 3. i. Knowledge- 60%, ii. Production- 25% iii. Income- 64.3%
Kendrapara	Selection of banana suckers and its treatment before banana cultivation	25	49	73	-	-	-	-	1. 32 ha 2. Out of 25 trainees 12 farmers adopted the proper planting material treatment before planting along suckers. 3. i. Knowledge- 48%
Kendrapara	Nursery raising techniques for cultivation of Kharif tomato	25	29	38	-	-	-	-	1. 62 ha 2. Out of 25 trainees 10 farmers adopted the proper method of raising nursery for Kharif tomato. 3. i. Knowledge- 31%
Kendrapara	Fertilizer management of young orchards	25	39	53	-	-	-	-	1. 123 ha 2. Out of 25 trainees 15 farmers applied fertiliers to the coconut/ papaya/banana plantation. 3. i. Knowledge- 36%
Kendrapara	Layout for planting of fruits and vegetables suitable for pond embankment	25	35	51	-	-	-	-	1. 28 ha 2. Out of 25 trainees 9 farmers adopted the technology of proper layout of pond embankment. 3. i. Knowledge- 45.7%

Kendrapara	Propagation technique of ornamental plants	25	28	36	-	-	-	-	1. 14 ha 2. Out of 25 trainees 8 trainees have started their small scale nursery for supply of planting materials of ornamental plants. 3. i. Knowledge- 28.5%
Kendrapara	Integrated nutrient management for off season cultivation of cole crops	25	46	58	-	-	-	-	1. 61 ha 2. Out of 25 trainees 12 farmer. have gone for integrated nutrient management in off season cole crops (cauliflower). 3. i. Knowledge- 26.0%
Kendrapara	Fertilizer management in banana plantations	25	28	37	-	-	-	-	1. 23 ha 2. Out of 25 trainees 7 went for integrated nutrient management in banana orchards. 3. i. Knowledge – 32.1%
Kendrapara	Integrated nutrient management in brinjal	10	42	59	-	-	-	-	1. 72 ha 2. Out of 25 trainees 12 went for integrated nutrient management in brinjal 3. i. Knowledge- 40.4%
Kendrapara	Fertilizer management in chilli	25	48	73	-	-	-	-	1. 32 ha 2. Out of 25 trainees 14 farmers adopted the proper dose of fertiliser application in chilli. 3. i. Knowledge- 52.08 %
Kendrapara	Weed management in rabi onion	25	25	41	-	-	-	-	1. 71 ha 2. Out of 25 trainees 10 farmers adopted the weed management practice in rabi onion. 3. i. Knowledge- 64 %
Kendrapara	Use of locally available medicinal and aromatic plants	25	27	34	-	-	-	-	1. 41 ha 2. Out of 25 trainees 12 farmers are using locally available medicinal and aromatic plants. 3. i. Knowledge- 25.92 %
Kendrapara	Post harvest management of potato	25	24	36	-	-	-	-	1. 38 ha 2. Out of 25 trainees 11 farmers adopted the Post harvest management practice of potato. 3. i. Knowledge- 50%

Kendrapara	Staggered planting material of marigold for round the season production of flowers	25	14	21	-	-	-	-	1. 14 ha 2. Out of 25 trainees 8 trainees have started Staggered planting material of marigold for round the season production of flowers. 3. i. Knowledge- 42.85%
Kendrapara	Preparation technique of mango pickle	25	25	50	-	-	950	1700	1.10 villages 2.900 adopted the technology 3. i. Knowledge-25 % iii. Income- 78.9 %
Kendrapara	Planning layout and development of nutritional garden	50	24	38	92	143	36800	57200	1.18 ha 2.Out of 50 trainees 33 adopted the technology 3. i. Knowledge-58.3 % ii. Income- 55.4 % iii. Production – 55.4%
Kendrapara	Preparation technique of pine apple squash	25	25	50	-	-	950	1700	1.20 villages 2.700 adopted the technology 3. i. Knowledge-25% ii. Income- 78.9 %
Kendrapara	Paddy straw mushroom raising technique	50	50	80	1	1.5	70	105	1.90 villages 2.600 adopted the technology 3. i. Knowledge-60 % ii. Production –50 % iii. Income- 50 %
Kendrapara	Nursery raising of winter vegetables	25	28	40	105	142	28200	35460	1. 15 ha 2. Out of 25 trainees 8 farmer. have gone for capsicum cultivation. 3. i. Knowledge- 42.8% ii. Production- 35.23% iii. Income- 25.7%
Kendrapara	Use of vermicompost in nutritional garden	25	45	76	92	143	36800	57200	1.18 ha 2.20 adopted the technology 3. i. Knowledge-68.8 % ii. Production –55.4 % iii. Income- 55.4%

Kendrapara	Oyster mushroom raising technique	50	45	70	1kg	1.5 kg	40	60	1.130 villages 2.40 adopted the technology 3. i. Knowledge-55.6 % ii. Production –50 % iii. Income- 50 %
Kendrapara	Preparation technique of tomato puree and pickle	25	25	50	-	-	950	1700	1.10 villages 2.900 adopted the technology 3. i. Knowledge-25 % iii. Income- 78.9 %
Kendrapara	Scientific storage of greengram and blackgram	10	44	79	6	10	3000	6000	1. 160 ha 2. Out of 10 trainees 6 trainee adopted 3. i. knowledge- 79% ii. Production- 66% iii. Income- 100%
Kendrapara	Management of poultry during winter	25	38	52	1kg per bird	1.5	80	120	1. 30 villages 2. Out of 10 trainees 25 trainee 21 adopted 3. i. knowledge- 36.8% ii. Production- 50% iii. Income- 50%
Kendrapara	Value addition in oyster mushroom	50	45	70	1kg	1.5 kg	40	60	1.130 villages 2.40 adopted the technology 3. i. Knowledge-55.6 % ii. Production –50 % iii. Income- 50 %
Kendrapara	Post harvest storage of oyster mushroom	50	45	70	1	1.5	40	60	1.20 villages 2.Out of 50 trainees 35 adopted the technology 3. i. Knowledge-55.6 % ii. Production –50 % ii.Income- 50 %
Kendrapara	Preparation of different spices	15	45	70	-	-	4500	6000	1.8 villages 2.Out of 15 trainees 7 adopted the technology 3. i. Knowledge-55.6 % ii.Income- 33.3 %
Kendrapara	Preparation of insence stick	15	28	50	-	-	5000	7500	1.20 villages 2.Out of 15 trainees 10 adopted the technology 3. i. Knowledge-78.5 % ii.Income- 50 %

Kendrapara	Layout and instance of crop rotation in nutritional garden	50	24	38	92	143	36800	57200	1.18 ha 2.Out of 50 trainees 32 adopted the technology 3. i. Knowledge-58.3 % ii. Production –55.4 % iii.Income- 55.4 %
Kendrapara	Farmers youth club and its management	25	10	40	-	-	-	-	1.20 villages 2.25 adopted 3. Knowledge-40 %
Kendrapara	Formation of SHG federation and its management	25	30	70	-	-	-	-	1.32 villages 2.28 SHGs adopted 3. Knowledge-70 %
Kendrapara	Integrated farming for sustainable livelihoods	25	10	60	-	-	-	-	1.16 villages 2.7 adopted 3. Knowledge-60 %
Kendrapara	Knowledge sharing technology blending (networking)	25	5	40	-	-	-	-	1.5 villages 2.25 adopted 3. Knowledge-40 %
Kendrapara	Post harvest processing and value addition skills	25	15	26	-	-	-	-	1. 10 villages 2. Out of 25 farmers 14 farmers have been followed post harvest processing and value addition 3. Knowledge-60 %
Kendrapara	Farm entrepreneurship for self employment	25	12	21	-	-	-	-	1. 5 villages 2. Out of 25 farmers 9 farmers are interested on Farm entrepreneurship for self employment. 3. Knowledge-75 %
Kendrapara	Farm diversification for profitable agriculture	25	24	37	-	-	-	-	1. 10 villages 2. Out of 25 farmers 15 farmers are interested on farm diversification 3. Knowledge-54.16 %

Kendrapara	Micro planning for farm problem management	25	8	12	-	-	-	-	1. 6 villages 2. Out of 25 farmers 18 farmers are interested to analyse their farm problems and need based planning 3. Knowledge-50 %
Kendrapara	Commercial farming for more production and profit	25	31	54	-	-	-	-	1. 11 villages 2. Out of 25 farmers 20 farmers are interested on Commercial farming for more production and profit 3. Knowledge-74.19 %
Kendrapara	Management of Available Natural Resources	25	22	36	-	-	-	-	1. 8 villages 2. Out of 25 farmers 17 farmers are interested on management of available natural resources for maximum benefits 3. Knowledge-63.63 %

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			
	Field Day	15	15	500	150	110	40	20		For FLDs		
	Kisan Mela	1	1	75		15	10			Familiar with rural farmers environment for knowledge sharing & blending		
	Exhibition	2	2	30	45	10	15	10	5	Exposure various technologies to farmers		
	Film Show		9	114	86	57	18	16	9	To show the agriculture and allied sectors innovations and technologies		
	Method Demonstrations	11	6	183	72	85	53	25	12	Learning by doing		
	Farmers Seminar	2	1	15	10					Interaction with Govt. official and scientists on different farm related issues		
	Workshop		1		40		10	10	5	Direct interaction with farmers and scientists on farm		

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			
										related problems and possible solutions		
	Group meetings		12	290	100	101	61	20		Interaction with farmers group on agriculture technical know-how		
	Lectures delivered as resource persons	10	5	150	30	20	15	25	6	New improved practices and technologies related agriculture and allied sector		
	Newspaper coverage		18							Agril. Innovation, new varieties, implements and improved package and practices		
	Radio talks		7							IPM, IDM, INM, IFS and success stories		
	TV talks		25							success stories of crops and allied sectors		
	Popular articles		10							Need based popular articles		
	Extension Literature	5	9	-	-	-	-	-	-	-	Pal chatu chasa ra smasya o samadhan, Kharif dhana fasalare mukhya roga o tara pratikar, Bilati dala ru giya khata prastuti, Phala o pariba sarankhayana, Byabasika bhiti re golap phula chasa, Swama	

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			
											Shayak ghoti bikas pain eka nirabichina prachetha, Unnata pranali re badam chasa, SRI dhana chasa	
	Farm advisory Services											
	Scientific visit to farmers field		122							Solving various problems of farmers related to agriculture		Different critical growth stages of crops
	Farmers visit to KVK		2555	2183	48	184	24	62	54	Taking technical advice from scientists to grow different crops, mushroom, poultry, fishes, vermicompost and FSRE models, purchasing seeds, planting materis, soil testing		Different critical stages of growth
	Diagnostic visits		34	28	6	-	-	-	-	Solving various problems	-	-
	Exposure visits		3	78	22	18	-	28	12	Visit to the demo units of KVK		
	Ex-trainees Sammelan		1	38	-	12	-	-	-	To know about the dissemination of technology	Agriculture prospective through farm innovation and knowledge sharing	
	Soil health Camp		1	42	-	8	-	-	-	Awareness creation on soil health maintenance		
	Animal Health Camp		1(185)	52	-	-	-	-	-	Vaccination and deworming of livestock	-	-
	Agri mobile clinic		46	130	-	-	-	68	-	To update the knowledge of	Seed treatment, fert.	Different crop

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
										farmers	Recommendation, problematic soil management, pesticide application	stages
	Soil test campaigns		1	50	-	-	-	-	-	Create awareness for soil testing	Soil testing and soil health maintenance	
	Farm Science Club conveners meet		9	116		25				Basic Awareness and rapport building	New improved crop management practices	Pre, Mid and post
	Self Help Group conveners meetings		5		44		18		2	Group dynamics and IGA activities	Mushroom cultivation and golden grass	Pre and post
	Mahila Mandals conveners meetings		4		-	78		20		Spread technical know how	Role clarity	Pre, Mid and post
	Celebration of important days		2	44		-	18	6	4	Akhituta and women day celebration	Sowing of seed and women empowerment	Pres sowing

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 2010 and 1 st January, 2011	6 months	400	400

7.2 Literature developed/published

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
KVK Name	Type	Title	Author's name	Number of copies
Kendrapara	Leaflet	Pala chatu chasare samasya o tara nirakarana	M.K.Rout	100
Kendrapara	Leaflet	Preparation of vermicompost from water hyacinth	Dr.P.K. Samant, Krushi Sambad Govt. of Orissa	100
Kendrapara	Leaflet	Kharif dhana fasalare mukhya roga o tara	M.K.Rout	100

		pratikara		
Kendrapara	Leaflet	Bilati dala ru giya khata prastuti,	Dr. P.K Samant	100
Kendrapara	Leaflet	Phala o pariba sarankhayana	Mrs. A. Sarana	100
Kendrapara	Leaflet	Byabasika vitire golap phula chasa	Mrs. D. Sahoo	100
Kendrapara	Leaflet	Swayam Shayak gosthi samuhika bikash pain eka nirabichina prachetha	Mr. S. Lenka	100
Kendrapara	Leaflet	SRI pranalire dhana chasa	Dr. L.K. Das	100
Kendrapara	Technical Bulletin	Zinc as essential micronutrient for crop production	Dr.P.K. Samant The Orissa Review	-
Kendrapara	Leaflet	Namuna Mati Sanghraha Pranali	Dr.P.K. Samant	500
Kendrapara	Leaflet	Improved package of practices for groundnut cultivation	Dr. P.K. Samant	50
Kendrapara	Technical Bulletin	Role of micronutrients in sunflower production	Dr.P.K. Samant World food day special edition (P-42-47)	50
Kendrapara	Research Paper	Micro irrigation System Orissa	Sasanka Lenka	5

7.3 Details of Electronic Media Produced

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

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type hear SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Kendrapara	Cereals	Paddy	Pooja	Foundation (SD)	70 qtl	SD	1,35,100	Stock in hand
Kendrapara			Swarna	Foundation (SD)	15 (seed)qtl 18 (non seed)qtl	SD	28950 17640	
Kendrapara			CR-1014	Foundation (SD)	18 qtl	SD	34740	
Kendrapara			Ranidhan	Foundation (SD)	2.5 (non seed)	SD	2058	
Kendrapara			Dhanicha	T.L	1.83 qtl	SD	40260	
Kendrapara	Pulses	Greengram	TARM-1	C.S	-	-	-	
Kendrapara		Blackgram	PU-19	C.S	-	-	-	
Kendrapara	Fruits	Papaya	Honey dew	PM	320	Nos.	1600	32
Kendrapara		Banana	Bantala	PM	1147	Nos	1725	51
Kendrapara	Vegetables	Chilli seedlings	Suprava	PM	800	Nos	690	41
Kendrapara		Brinjal	Hajari	PM	900	Nos	750	53
Kendrapara		Tomato	BT-12	PM	13800	Nos	2490	98
Kendrapara		Cabbage	Goldstar	PM	1000	Nos	300	42
Kendrapara		Cauliflower	Snowball	PM	2025	Nos	850	41
Kendrapara		Pointedgourd	Swarna Alaukik	PM	220	Nos	1100	22
Kendrapara	Floriculture	Marigold	Ceracole	PM	5000	Nos	1500	71
Kendrapara	Others	Medicinal plant	Alovera	PM	100	Nos	500	15

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	
kendrapara	Planting material	Chilli seedlings				Suprava	PM	800	18015/-	20189/-	Rs.2129/- sale proceed credit to SHG group
kendrapara		Brinjal				Hajari	PM	900			
kendrapara		Tomato				BT-12	PM	13800			
kendrapara		Cabbage				Goldstar	PM	1000			

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	
kendrapara	Planting material	Chilli seedlings				Suprava	PM	800	18015/-	20189/-	Rs.2129/- sale proceed credit to
kendrapara		Brinjal				Hajari	PM	900			
kendrapara		Cauliflower				Snowball	PM	2025			
		Pointedgourd				Swarna Alaukik	PM	220			
	Fruits	Papaya				Honey dew	PM	320			
		Banana				Bantala	PM	1147			
	Floriculture	Marigold				Ceracole	PM	5000			
	Others	Medicinal plant				Alovera	PM	100			

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
	BIOAGENTS				
	BIOFERTILIZERS				
	BIO PESTICIDES				

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
	Cattle						
	Buffalo						
	Sheep and Goat						
	Poultry	Colour bird Var. Blackrock, RIR, Banaraja, Kalinga brown	Chicks	1500	23700/-	29760/-	Net profit- 6060/-
	Fisheries						
	Others (Specify)						

9. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Established

Year of establishment : - 2005-06

9.1 Details of soil & water samples analyzed so far(2010) :

KVK Name	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized(Rs.)
Kendrapara	Soil Samples	554	305	25	1550
Kendrapara	Water Samples	48			

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
Kendrapara		Construction technique of water harvesting structure	1		25	-	25	-	-	-

11. Utilization of Farmers Hostel facilities

Accommodation available (No. of beds) : 20

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)
Kendrapara							Farmers temporarily stayed in the hostel

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	06	Nil	

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Kendrapara	30.7.10	22	1. The out put of training programme on crop production based on climate change should be documented properly. The Chairman advised the SMS Agronomy and SMS Soil science to make a meticulous study on climate change its impact on crop production, 2. Vermicompost units should be developed in all the adopted village 3. Butachlor herbicides should be replaced by pretilachlor in weed management 4. OFT on salinity resistant variety should be under taken in saline areas 5. FLD on improved sickle should be replaced by cono weeder for drudgery reduction 6. Development of soil fertility map by using primary data for the district not by secondary data 7. Newly released variety of paddy & vegetable should be introduced in the district

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

KVK Name	No. of messages sent	No. of beneficiary		Major recommendations
		Farmers	Ext. Pers.	
Kendrapara	46	130	68	Seed treatment, INM, IPM, IDM

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					
	MNREGA	DRDA	Yet to receive 3.7 lakh	Renovation of water bodies	KVK campus	
	NHM					
	RKVY	State	1,00,000	FLD Oilseed FLD Pulse	5 ha	20 beneficiaries, 20
	RKVY	State	6,70,000	Vermiyard, Mushroom spawn unit and poly house	5 ha KVK, campus	beneficiaries
	DRDA					

	Zila Panchyat					
	Seed village					
	NAIP					
	Climate Change	Central(CRIDA)	10,00,000	Purchase of small implements for custom hiring centre & purchase of inputs for different agricultural interventions proposed in the village, repairing of farm pond, seed bank etc.	Krushnadaspur, Kendrapara	Project is continuing
	Others (Plz. Specify)					

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Kendrapara	30878179008	1,76,209/-	3,87,748/-	3,87,748/-

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Kendrapara	Mrs. Dipika Sahoo SMS (Horticulture)	Best Extension Scientist	OUAT, Bhubaneswar	Nil

18. Case study and Success Story – Two best only in the following format

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

Success Stories


Name of the KVK	Krishi Vigyan Kendra, Kendrapara
TITLE	Boosting Income and livelihood using AGRIPRO in Cucumber Cultivation
Introduction	<p>1.0 Milieu of the Village</p> <p>Agriculture is the mainstay of district economy as well as the source of food, income and livelihood for the major communities of Derabis block. The economy is mainly dominated by agriculture and most of the farmers are small and marginal in nature having small size of land holding. Agriculture has been the highest priority because economic growth was dependent on both increasing the productivity of existing vegetable crops and diversifying the agricultural base for use as industrial inputs.</p> <p>2.0 Akhaya's Journey-----</p> <p>Sh Akhaya Singh, S/o-Sh Birabara Singh, 50 years old man, a native of Raghudeipur village which is coming under Derabis block and 15 km away from KVK. He is having two sons and one daughter. He is a poor farmer belongs to BPL category and having only 2.5 acres (One acre backward land and 1.5 acres crop land) of land. He is the only bread earner of the family.</p> <p>In regard to success stories of crop diversification, many farmers have successfully adopted cultivation of different off-season vegetables like cucumber, cabbage, peas, tomato etc., using modern technologies. Cucumber is one of the important crop which is having high market demand during summer in the vicinity and farmers therefore can sell the item easily.</p>



	<p>Since long he is regularly cultivating vegetable in the same piece of land. He does not follow any crop rotation practices in the farm. Cucumber grows well in the backward. It was sown in the month of January. The crop duration was 120 days and the variety was <i>Bhakhra</i>. Akhaya is an innovative farmer, who started to cultivate cucumber on a commercial basis in 1 acre of back ward land. After long waiting, poor flower come up in the crop field. Due to poor knowledge and management he could not get maximum profit. So he came to KVK office for technical inputs from Scientist. With the support of KVK, he is now able to manage his crop and getting good return from crop.</p>
KVK intervention	<p>3.0 Brief description of the Technology</p> <p>Depending on the constraint, KVK Scientists recommended 2gm of AGRIPRO per lt. of water as a foliar spray within seven days interval.</p> <p>Application of AGRIPRO in the main field stimulates synergistically, various bio-functions leading to enhanced utilization of nutrients and biochemical reserves in the plant system at critical produce and high yields. The features are stated below:</p> <ul style="list-style-type: none"> ■ AGRIPRO consists of natural and biologically active amino acids which help in increasing production. ■ AGRIPRO facilitates better absorption / movement of nutrients within the plant system for better utilization, improves ability of roots for better absorption of nutrients. ■ AGRIPRO accelerates growth functions. Application in the nursery results in at vigorous, healthier and more number of transplantable seedlings. ■ AGRIPRO increases rate of photosynthesis as it contain glycine and prevents appearance of chlorosis. ■ AGRI PRO contains micronutrients (Zn, Fe, Mn, Cu, B & Mo) in balanced form as Amino acid chelates ■ AGRIPRO's high content of alanine and agrinine is an important source of Nitrogen which contributes to the saving of Nitrogen fertilizers. <p>AGRI PRO stimulates physiological function like sprouting, flowering, pollination and fruiting.</p>
Output	<ul style="list-style-type: none"> ■ Introduction agripro in the village for cucumber cultivation @ 2gm per lit. water as a foliar spray for more flower and fruit.



	<ul style="list-style-type: none"> ■ <i>Agripro</i> contains micronutrients (Zn, Fe, Mn, Cu, B & Mo) in balanced form as Amino acid chelates. ■ Yield of cucumber was recorded 62 qtl per acre and B.C ratio is 3.92.
Outcome	<ul style="list-style-type: none"> ■ Total expenditure made during cucumber cultivation was Rs. 12,640 where the gross income Rs.49, 600 with a net profit of Rs.36, 960.
Impact	<p>Irrigation and fertigation schedules have also been standardized for raising of cucumber during summer season. The root development under this system was so vigorous that no mortality occurs during sowing. This technology has a very high potential of adopting as an agro enterprise supporting production of most horticultural crops. A suitable protected structure, depending on the local climate and scale of operation, is constructed.</p> <p>The smile shines on the tanned face of the Akhaya. Total expenditure amount was Rs. 12,640 where the profit margin was Rs. 36, 960. The family are now preparing to harvest a bumper crop of cucumber which they hope will not only solve their financial problems but will also allow them to be more confident about their ability to earn money. Akhaya says proudly, a year back I was a hired labourer and now I am hiring others to work in my field. At last Akhaya conveyed his heartfelt thanks to KVK for noble initiative and everlasting guidance.</p>

Name of the KVK	Krishi Vigyan Kendra, Kendrapara	
TITLE	Trellia system promoted productivity of Pointedgourd	
Introduction	Niranjan Pradhan, S/O Nityananda Pradhan, 40years old farmer is an inhabitant of Itipur village of Kendrapara district. He is an advance vegetable grower who preferred to cultivate different vegetables like cauliflower, cabbage, tomato, chilli, onion, potato, brinjal, cucumber and pointed gourd round the year in his small patch of land.	
KVK intervention	In the year 2010 KVK, Kendrapara introduced swrna alaukik pointedgourd in 1ac. Patch of Niranjan with special emphasis on trellia system which is otherwise known as single line trailing system. It was very effective against the ground planting as a result of which there was maximum flowering and fruiting which was due to better exposure of plant to sunlight leads to maximum phototsynthesis, proper aeration and increased pollination as a matter of fact the flower and fruit drop was reduced with reduction in disease, pest incidence.	
Output	<ul style="list-style-type: none"> ■ Performance of swrna alaukik better than other local variety. ■ Niranjan could able to get Rs. 68,000/- with an investment of Rs.26, 000/- showing a B: C of 2.61. 	
Outcome	<ul style="list-style-type: none"> ■ Now he is interested to increase the area under cultivation. ■ Villagers are very much interested to cultivate Pointed gourd-CV. swrna alaukik 	
Impact	The intercultural operation became easier and harvesting was performed in a better way. From his 1 ac. Land Niranjan could able to get Rs. 68,000/- with an investment of Rs.26, 000/- showing a B: C of 2.61.Now this practice has been adopted by most of the farmers of that area. This trellia system can be effectively utilized in crops like cucumber, bittergourd etc.	

19. Details of KVK Agro-technological Park

Name of KVK	Name of Component of Park	Detail Information (If established)
	Crop Cafeteria	
	Technology Desk	
	Visitors Gallery	
	Technology Exhibition	
	Technology Gate-Valve	

20. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Kendrapara	Prof. D.P Ray, Vice chancellor	27.7.10	Inauguration of staff quarters
Kendrapara	Dr. S.S Nanda, DEE	27.7.10, 30.7.10	Inauguration of staff quarters, SAC
Kendrapara	Dr. Khageswar pradhan EX-VC and Chairman, QRT, ICAR	19.6.10 & 17.8.10	Visit to KVK campus
Kendrapara	ADM, DAO and other line Department officials	16.5.10	Celebration of Akshya Trutiya
Kendrapara	Dr. R. K Raj, Dy, Director, DEE	26.02.2011	Visit to FLD on Oilseed & pulse(ICAR, RKVY)

21. Status of KVK Website: Available/Not Available

22. 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			

23. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Gosthies			
	Lectures organized			
	Exhibition			
	Film show			
	Fair			
	Farm Visit			
	Diagnostic Practical's			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg) vermicompost 400kg utilized in OFT programme & FLD programme			
	Bio Fertilizers (q)			
	Distribution of fingerlings (No)			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week			

24. 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
	Oilseeds	202.20	630
	Pulses		
	Cereals		
	Vegetable crops		
	Tuber crops		
	Fruits		
	Spices		
	Cotton		
	Total		

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No.of participants
	Dairy Management	5	119
	Disease management		
	Feed and fodder technology		
	Poultry management		

Animal health camps organised

Name of KVK	Number of camps	No.of animals	No.of farmers
	1	185	52

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				
KVK, Kendrapara				

Bio-control Agents

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

(e) Bio-Fertilizer

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

(f) Verms Produced

Name of KVK	Verms Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Kendrapara	Eudrilus euginaea	4	4.8	12

(g) Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Kendrapara	SRI(Ranidhan)	1.0	25
Kendrapara	Water harvesting structure	0.1	25

(h) Awareness campaign

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

25. **Status of KVK Website:** Already having website/under construction

If available, please provide the address of website:

26. **Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem) -**