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REPORTING PERIOD – April 2011 to March, 2012

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	
Mayurbhanj	OFTs	12	60	12	57	
Mayurbhanj	FLDs – Oilseeds (activity in ha)	05	13	09	25	
Mayurbhanj	FLDs – Pulses (activity in ha)	10	26	10	26	
Mayurbhanj	FLDs – Cotton (activity in ha)					
Mayurbhanj	FLDs – Other than Oilseed and pulse crops(activity in ha)	10	70	12.7	70	
Mayurbhanj	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	04	40	04	40	
Mayurbhanj	Training-Farmers and farm women	36	900	38	950	
Mayurbhanj	Training-Rural youths	07	125	07	125	
Mayurbhanj	Training- Extension functionaries	08	200	08	215	
Mayurbhanj	Extension Activities	900	8000	971	5648	
Mayurbhanj	Seed Production (Number of activity as seeds in quintal)	610	-	625.3	-	
Mayurbhanj	Planting material ((Number of activity as quantity of planting material in quintal)					
Mayurbhanj	Seedling Production (Number of activity as number of seedlings in numbers)	70,000		70,431		
Mayurbhanj	Sapling Production (Number of activity as number of sapling in numbers)					
Mayurbhanj	Other Bio- products (Straw from Paddy)					
Mayurbhanj	Live stock products (21 days old poultry chicks)	9000		8005		
Mayurbhanj	SAC Meeting (Date & no. of core/official members	02	40	01 (22.07.2011)	20	
Mayurbhanj	Newsletters (no.)	04		04		
Mayurbhanj	Publication (Research papers, popular article)	05		05		
Mayurbhanj	Convergence programmes / Sponsored programmes					
Mayurbhanj	KVK-ATMA Linkage programme (Number of activities)	05	25	05	25	
Mayurbhanj	Outreach of KVK in the District (No. of blocks, no. of villages)	10 blocks	500 villages	12 blocks	517 villages	
Mayurbhanj	Soil sample tested	100	100	100	100	
Mayurbhanj	Water sample tested					
Mayurbhanj	KMA (No. of messages & beneficiaries)	50	1000	79	1701	

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

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)
Mayurbhanj	Programme Coordinator	Vacant								
Mayurbhanj	Subject Matter Specialist 1	Mr. J. Patra	Agriculture Extension	M.Sc.(Ag.)	Extension Education	15600 -39100	19810	18.07.2005	Permanent	OBC
Mayurbhanj	Subject Matter Specialist 2	Vacant	Crop production							
Mayurbhanj	Subject Matter Specialist 3	M.Bhol	Home Science	M.Sc. (Home Science)	Home science Extension	15600 -39100	19810	02.01.2006	Permanent	OBC
Mayurbhanj	Subject Matter Specialist 4	S. Pattnaik	Horticulture	M.Sc. (Ag.)	Floriculture	15600 -39100	19810	10.01.2006	Permanent	General
Mayurbhanj	Subject Matter Specialist 5	Dr.D .Mishra	Plant Protection	Ph.D.	Plant pathology	15600 -39100	16920	01.01.2010	Permanent	General
Mayurbhanj	Subject Matter Specialist 6	Vacant	Farm machinery/animal science/fishery							
Mayurbhanj	Programme Assistant	Vacant	Agriculture							
Mayurbhanj	Computer Programmer	S.K.Barik	Computer Science	DOEACC, "O/A", MCA	VB & Oracle	9300-34800	12260	11.07.05	Permanent	OBC
Mayurbhanj	Farm Manager	K.C.Sahoo	Agriculture	M.Sc. (Ag.)	Agronomy	9300-34800	11010	03.08.2006	Permanent	OBC
Mayurbhanj	Accountant / superintendent	Vacant								
Mayurbhanj	Stenographer	R.N.Pati	Arts	Master in Arts	Public Administration	5200-20200	5920	16.10.06	Contractual	General
Mayurbhanj	Driver	P.K.Biswal				5200-20200	5870	25.07.07	Contractual	OBC
Mayurbhanj	Driver	B.K.Behera				3050-75-3950-80-4590	3050	18.07.08	Contractual	OBC
Mayurbhanj	Supporting staff	D.Swain				4440-7440	4800	20.12.07	Contractual	OBC
Mayurbhanj	Supporting staff	H.Pradhan				4440-7440	4800	22.12.07	Contractual	OBC

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

(A) Geographical		
➤	Latitude	21 ⁰ 16' to 22 ⁰ 34' North
➤	Longitude	85 ⁰ 40' to 87 ⁰ 11' East
➤	Altitude	20m to 1165m MSL
➤	Geographical Area	10,41,8 (' 000 ha)
➤	Forest area	434 (' 000 ha)
➤	Misc & tree grooves	15 (' 000 ha)
➤	Permanent pasture	24 (' 000 ha)
➤	Culturable waste	10 (' 000 ha)
➤	Land put to non agril use	50 (' 000 ha)
➤	Barren and unculturable land	27 (' 000 ha)
➤	Current fallow	65 (' 000 ha)
➤	Other fallow	376 (' 000 ha)
➤	Cultivable area	441 (' 000 ha)
➤	Net area sown	376 (' 000 ha)
➤	Gross cropped area	440 (' 000 ha)
➤	Annual normal rainfall	1648.2 mm in 77 rainy day
➤	Temperature	Max: 39 ⁰ C & Min: 4 ⁰ C
➤	Cultivable Land	437 (' 000 ha)
	High land	43%
	Medium land	28%
	Low land	29%
(C) Census (According to population census, 2001)		
➤	Total population	2223000
	Male	112300
	Female	110000
➤	Population density per sq.km	213
➤	Literacy rate	51.91
(D) Agricultural		
➤	Farm families	
	a) Small farmers	1,63,122 ha.
	b) Marginal farmers	1,34,204 ha.
	c) Big farmer	43,476 ha.
	d) Agricultural labourers	2,23,601

➤	Major crops grown:	
	Kharif:	Paddy, Maize, Small millet, Arhar, Mung, Biri, Cow pea, Kulthi, Ground nut, Niger, Sweet potato, other vegetables, Turmeric, Ginger, Mesta, Sunhemp.
	Rabi:	Paddy, Maize, Small millets, Arhar, Mung, Biri, Cow pea, Kulthi, Gram, Lentil, Ground nut, Mustard, Niger, Linseed, Sweet potato, Potato, Onion, Other vegetables, Chilli, Coriander, Garlic.
➤	Kharif cropped area	364000 ha
➤	Rabi Cropped area	61,000 ha
➤	Cropping intensity (%)	121
➤	Total fertilizer consumption (kg/ha.)	11.98 (X 1000 MT)
	Nitrogen	Kharif 5.94 + Rabi 1.67 = 7.61
	Phosphorus	Kharif 2.19 + Rabi 1.03 = 3.22
	Potash	Kharif 0.45 + Rabi 0.70 = 1.15
➤	Per ha. Fertilizer consumption (kg/ha)	
	Kharif:	24
	Rabi:	63.48 kg
➤	Soil type	Sandy loam, Red lateritic
➤	Irrigation from different sources (in ha.)	
	Kharif	24 %
	Rabi	10 %

AGRO-ECOLOGICAL SITUATIONS

I= Low Rainfall, Low Elevation -Blocks-5nos

II = Medium Rainfall, Low Elevation -Blocks-15nos

III = High Rainfall, Low Elevation -Blocks-1no

IV = Medium Rainfall, Medium Elevation -Blocks-5nos

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)
Mayurbhanj	Machhia	2009	Kaptipada	62 km	315	50
Mayurbhanj	Dabak	2009	Khunta	43 km	350	72
Mayurbhanj	Madhunanda	2009	Betnoti	55 km	430	63
Mayurbhanj	Baunsabilla	2006	Shamakhunta	09 km	2400	145
Mayurbhanj	Khandia	2006	Shamakhunta	13 km	1039	165

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

KVK Name	THRUST AREA
Mayurbhanj	Seed production programme in paddy & vegetables
Mayurbhanj	Aromatic rice cultivation
Mayurbhanj	Oilseed and pulse cultivation
Mayurbhanj	Off season & hybrid vegetable cultivation
Mayurbhanj	Organic Farming and Vermi-composting
Mayurbhanj	Farm Mechanization
Mayurbhanj	Cultivation of Fruit and development of orchards
Mayurbhanj	Bee keeping
Mayurbhanj	Mushroom cultivation
Mayurbhanj	Value addition of fruits & vegetables
Mayurbhanj	IPM and IDM in field crops and vegetables
Mayurbhanj	Nutritional garden
Mayurbhanj	Soil reclamation and use of micro nutrients
Mayurbhanj	Micro-irrigation and use of plastic in agriculture
Mayurbhanj	Back yard poultry cultivation & Goatery
Mayurbhanj	Commercial pisciculture
Mayurbhanj	Commercial floriculture
Mayurbhanj	Entrepreneurship through nursery development

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

KVK Name	Problem identified	Methods of problem identification
Mayurbhanj	Low productivity due to improper planting techniques and water management in paddy	PRA, Group discussion
Mayurbhanj	Low income and distress sale of paddy grains	PRA, Group discussion, Secondary data
Mayurbhanj	Low yield for ruling varieties in paddy in medium land	PRA
Mayurbhanj	Pest and disease management in paddy	PRA
Mayurbhanj	Weed problem in upland and medium land paddy	PRA
Mayurbhanj	Improper plant population and more cost in weeding on paddy	PRA, Group discussion
Mayurbhanj	Loss of quality and quantity of paddy grains due to faulty PHT	Group discussion, Secondary data
Mayurbhanj	Low yield of oilseed and pulse crops due to unscientific method of cultivation and soil acidity	PRA, Group discussion
Mayurbhanj	Low profit due to increase in cost of cultivation and unavailability of labors in time	PRA, Group discussion, Secondary data
Mayurbhanj	Low yield of oilseed and pulse crops due to pest and diseases	PRA, Group discussion
Mayurbhanj	Unavailability of quality composts	PRA, Group discussion
Mayurbhanj	Low return from maize cultivation	Secondary data
Mayurbhanj	Low productivity from vegetables due to pest & diseases	PRA, Group discussion
Mayurbhanj	Low productivity and return from fruits	PRA, Group discussion
Mayurbhanj	Low productivity and return from traditional suckers	PRA, Group discussion
Mayurbhanj	Low productivity and return from tuber crops	Group discussion, Secondary data
Mayurbhanj	Low return from fruits and vegetables	PRA, Group discussion, Secondary data
Mayurbhanj	Drudgery of farm women due to manual weeding and threshing	Group discussion, Secondary data
Mayurbhanj	Unavailability of nutritious balanced diets to farm women	Group discussion, Secondary data
Mayurbhanj	Low income of rural youth and farm women due to lack of Entrepreneurship	PRA, Group discussion
Mayurbhanj	Low output of livestock and fishery	PRA, Group discussion, Secondary data

2. On Farm Testing (April 2010 to March 2011)

2.1 Information about OFT

KVK name	Year/ season	Problem diagnose	Category of technology (Assessment/ Refinement)	Thematic Area	Crop/ Enterprise	Farming Situations	Title of OFT	No. of trials	Results (with parameter) Yield (Q/ha)		Net Returns (Rs./ha)		Recommendations
									Farmer practice T1	Rec. Tech T2	T1	T2	
Mayurbhanj	Khariif, 2011	Low productivity and deterioration of fruit quality due to hormonal deficiency	Assessment	Cultivation of fruits	Crop	Irrigated upland	Assessment of hormone application in Mango	05					Continuing
Mayurbhanj	Khariif, 2011	Low yield of tomato due to improper nutrient management	Assessment	Integrated nutrient management	Crop	Irrigated upland	Assessment of Nutrient Management in Tomato	05	220	303	68,000/-	1,01,500/-	Application of 125:50 :100 NPK per ha is recommended
Mayurbhanj	Khariif, 2011	Indiscriminate use of costly chemicals lead to increase in cost of cultivation	Assessment	Bio-control of pests and diseases	Crop	Rainfed Medium land	Assessment of blast management in Paddy	05	40.6	42.8	19500	22800	Spraying of aqueous extract of Bael leaf and steamed aqueous extract of Tulsi leaf 25 DAT not only reduces blast disease but also promotes plant growth.
Mayurbhanj	Khariif, 2011	Low yield due to high infestation of cutting and biting insects in paddy	Assessment	Integrated Pest Management	Crop	Rainfed Medium land	Assessment of cutting and biting pest management in Paddy	05	45.5	49.0	24000	26900	Spraying of Chloropyriphos 50% + Cypermethrin 5% thrice at 30, 50 and 70 DAT manages various pest incidences
Mayurbhanj	Khariif, 2011	Loss of food grains due to insect-pest attack during storage	Assessment	Storage loss minimization techniques	Enterprise	Homestead	Assessment of parad tablets for storage of food grains	05	89.3 kg	98.8	0	150.90/unit	Storage pests of food grains can be very well managed by using 1 parad tablet per 2kg of food grains
Mayurbhanj	Khariif, 2011	Low output & high drudgery involved in manual plucking of Bhindi	Assessment	Location specific drudgery reduction	Bhindi Plucker		Assessment of Bhindi Plucker	05	90	135	21,423	24,914	Bhindi plucker is a very useful and economic small farm tool for farm women which reduces drudgery and irritation at the time of plucking

Mayurbhanj	Rabi, 2011-12	Yield loss and deterioration of quality of curd due to calcium deficiency	Assessment	INM	Crop	Irrigated medium land	Assessment of calcium nitrate application in cabbage	05	235	320	62,000/-	88,000/-	Foliar application of calcium nitrate @ 0.2% at 20 and 35 DAP is recommended
Mayurbhanj	Rabi, 2011-12	Reduction of yield due to indiscriminate use of chemical fertilizer	Assessment	INM	Crop	Irrigated medium land	Assessment of nutrient management in Banana	05					Continuing
Mayurbhanj	Rabi, 2011-12	Use of improper chemicals do not manage the pest incidence rather the resistance increases	Assessment	Integrated Pest Management	Crop	Irrigated medium and up land	Assessment of Fruit and Shoot Borer Management in Brinjal	05	180	245	50000	77500	Spraying of Cartap Hydrochloride 50 %SP @ 0.05 % and Novaluron 10% SL at 25 and 45 DAP respectively effectively controls shoot and fruit borer of brinjal
Mayurbhanj	Rabi, 2011-12	Indiscriminate use of costly chemicals leads to increase in cost of cultivation	Assessment	Integrated Pest Management	Crop	Irrigated medium and up land	Assessment of Diamond Back Moth and Leaf Webber management in Cabbage	05	260	295	69000	82000	Spraying of Fipronil 5 % SC @ 400 ml/Ac twice at 30 & 50 DAT can effectively control DBM and LB of cabbage.
Mayurbhanj	Rabi, 2011-12	Loss of quality of Mohua flowers due to insect pest because of more moisture content	Assessment	Post harvest technology	Enterprise	Homestead	Assessment of drying of mohua flowers in UV stabilized LDPE low tunnel	05	92 kg	88 kg	157	340	Drying of Mohua flowers in UV stabilized LDPE low tunnel saves time in the drying process and improves the quality.
Mayurbhanj	Rabi, 2011-12	High mortality during summer season	Assessment	Poultry management	Enterprise	Homestead	Assessment of improved poultry breed management in summer season	05	-	-	122	515	Various management practices during summer season effectively reduces mortality in poultry rearing farms

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	Check	FP (T1)	RP (T2)	Refined Practice, if any (T3)	FP (T1)	RP (T2)	Refined Practice, if any (T3)	FP (T1)	RP (T2)	Refined Practice , if any (T3)	FP (T1)	RP (T2)	Refined Practic e (T3)
Mayurbhanj	Assessment of hormone application in Mango	Fruits/Plant	650	400	Continuing											
		Pulp weight/fruit														
		Fruit weight														
		Yield/ha.														
Mayurbhanj	Assessment of Nutrient management in Tomato	Fruits/plant	35	30	42,000	50,000	-	1,10,000	1,51,500	-	68,000	1,01,500	-	2.61	3.03	-
		Days to flowering	25	30												
		Yield/ha.	303 q/ha.	220q/ha.												
Mayurbhanj	Assessment of calcium nitrate application in cabbage	Curd quality	Good	Poor	32,000	40,000	-	94,000	1,28,000	-	62,000	88,000	-	2.9	3.2	-
		Curd weight	1.2 kg	700 gm												
		Yield / ha.	320 q/ha.	235 q/ha.												
Mayurbhanj	Assessment of Nutrient Management in Banana	No. of hands/plant			Continuing											
		Fingers / plant														
		Bunches / ha.														
		Yield / ha.														
Mayurbhanj	Assessment of blast management in Paddy	Blast Severity(%) 15 DAT	05	05	21,100	20,000	-	40,600	42,800	-	19,500	22,800	-	1.92	2.14	-
		Blast Severity(%) 35 DAT	05	10												
		Blast Severity(%) 55 DAT	00	05												
Mayurbhanj	Assessment of cutting and biting pest management in Paddy	Case worm incidence (%)	06	18	21,500	22,100	-	45,500	49,000	-	24,000	26,900	-	2.12	2.22	-
		Dead Heart (%)	01	05												
		Leaf Folder (%)	08	22												
Mayurbhanj	Assessment of Fruit and Shoot Borer Management in Brinjal	Shoot-borer infestation at 30 DAT (%)	05	19	40,000	45,000	-	90,000	1,22,500	-	50,000	77,500	-	2.25	2.72	-
		Fruit-borer incidence at 55 DAT (%)	04	32												
		Fruit-borer incidence at 70 DAT (%)	03	26												
Mayurbhanj	Assessment of Diamond Back Moth and Leaf Webber management in Cabbage	Diamond back moth infestation (%)	12	54	35,000	36,000	-	1,04,000	1,18,000	-	69,000	82,000	-	2.97	3.28	-
		Leaf Webber Infestation (%)	04	32												
Mayurbhanj	Assessment of Parad tablets for storage of food grains	Damaged grain weight / qtl	1.2 kg	10.7 kg	-	52	-	-	197	-	-	145	-	-	3.78	-
Mayurbhanj	Assessment of Bhindi plucker	Plucking capacity	9 kg/hr.	3 kg/hr.	23,000	25,000	-	42,000	49,000	-	21,423	24,914	-	1.82	1.96	-
		Working heart rate (beats/min.)	104	110												
		Cardiac cost (beats/m2)	27.6	36.2												
		Labour requirement	01	06												

Mayurbhanj	Assessment of drying of mohua flowers in UV stabilized LDPE low tunnel	Moisture content	13.7	83.5	2300	4200	-	2457	4788	-	157	588	-	1.06	1.14	-
		Dry weight (kg) (fresh wt. of 5 kg mohua flowers)	0.65	4.25												
		Time required for drying of mohua flowers (hrs.)	14	21												
Mayurbhanj	Assessment of improved poultry breed management in summer season *	Mortality rate (%) in 5 month	5 %	48 %	180	405	-	1020	2560	-	840	2155	-	5.67	6.32	-
		In 5 months body weight (kg)	3.76 (M) 3.13 (F)	3.1 (M) 2.66 (F)												

* 10 poultry birds of improved breed banaraja was taken as 1 unit (in both check and demo)

2.2 Feedback from KVK to Research System

Name of KVK	Feedback
MAYURBHANJ	<ol style="list-style-type: none"> 1. Long duration hybrids of paddy should be developed. 2. There should be facility of adjustment in Ground nut decorticator (standing type) according to the size of the pods. 3. Effectiveness of weedicide without hampering the soil fertility should be enhanced. 4. Low cost vegetable planter/transplanter should be evolved. 5. Single Pesticide for controlling both mites and other sucking pests should be formulated. 6. Off season cole crop varieties should be developed. 7. Modified bhindi plucker should be developed to increase the plucking capacity. 8. Extractor of mohua flowers should be developed.

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
Mayurbhanj	Crop	Varietal substitution	Variety, Gajendra	Field day, group discussion	10	35	07
Mayurbhanj	Crop	Integrated nutrient management	Application of 575:600:75 kg NPK/ha.	Field day, Leaflet, Phone in	08	40	13
Mayurbhanj	Crop	Integrated Nutrient Management	Application of 75% of chemical fertilizer with 6 kg bio-fertilizer (Azotobacter, Azospirillum and PSB of 2 kg each)	Radio talk, Group discussion	09	54	09

Mayurbhanj	Crop	Varietal substitution	Tissue culture Banana variety ‘Bantala’	Leaflet, Phone in, Radio talk	06	28	07
Mayurbhanj	Crop	Varietal substitution	Variety “Utkal Manika”	Group discussion, Radio talk	08	25	06
Mayurbhanj	Crop	Integrated Disease Management	Seed Treatment with Carbendazim MZ and alternate spraying with Propiconazole and Validamycin in Paddy	Field day, Group discussion, Leaflets	16	110	66
Mayurbhanj	Crop	Integrated Pest Management	Soil treatment with Fipronil 5G and Spraying with Spinosad 45% EC in Okra	Field day, Group discussion, Leaflets	18	74	28
Mayurbhanj	Crop	Integrated Pest Management	Spraying with Thiomethoxam and Abamectin to manage sucking pests in Chilli	Field day, Group discussion, Leaflets	08	28	12
Mayurbhanj	Crop	Integrated Disease Management	Pit treatment with Trichoderma viridae and spraying with Carbendazim MZ to manage various diseases in Banana	Field day, Group discussion and Radio talk	12	30	12
Mayurbhanj	Enterprise	Poultry Management	Improved backyard poultry breed “Banaraja”	Field day, Radio talk, Group discussion and leaflet	24	3000	-
Mayurbhanj	Enterprise	Location specific drudgery reduction	Wheel finger weeder in groundnut 20-25 DAS	Leaflet, training, radio talk, group discussion, field day	05	240	9.0
Mayurbhanj	Enterprise	Location specific drudgery reduction	Power operated paddy thresher	Field day, radio talk, group discussion, leaflet	06	270	-

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
Mayurbhanj	Varietal Substitution	Paddy	Kharif, 2011	Cultivation of medium duration hybrid JKRH-401	04	JKRH-401	60.2	48.0	25.42	0	06	0	04	10
Mayurbhanj	Production and management technology of tuber crops	Colocasia	Kharif, 2011	Cultivation of non-acrid high yielding variety “Muktakeshi”	0.05	Muktakeshi	115.3	88.0	31.00	03	00	00	07	10
Mayurbhanj	Export potential of ornamental plants	Gladiolus and Tuberose	Kharif, 2011	Cultivation of Tuberose and Gladiolus with varieties having high export potential	0.025	Tuberose-Calcutta local and Gladiolus-Novalux Yellow, Red Beauty	Tuberose 27.5 q & Gladiolus 2,20,000 spikes	Tuberose 15.0 q & Gladiolus 1,60,000 spikes	Tuberose 83.3 & Gladiolus 37.5	00 00	01 01	00 00	04 04	05 05
Mayurbhanj	Bio-control of pests and diseases	Paddy	Kharif, 2011	25nos pheromone traps/ha and <i>Trichogramma japonicum</i> eggs @ 50,000/ha- 6 times at 7 days interval	4.0	Pheromone traps and Egg parasitoid <i>Trichogramma japonicum</i>	48.8	43.5	12.18	01	02	0	07	10

Mayurbhanj	Integrated pest management	Okra	Kharif, 2011	Application of Neem cake @ 125 kg/ha. before sowing and spraying of Profenophos @ 1000ml/ha.	2.0	Bio-pesticide Neem cake and chemical Profenophos	109.0	72.0	51.39	0	05	0	05	10
Mayurbhanj	Duck rearing	Improved duck breed <i>Khaki Campbell</i>	Year round	Rearing of improved duck breed " <i>Khaki Campbell</i> "	50	Khaki Campbell	Body wt 3.2 kg (Male) 2.7 kg (Female) (in 7 mths)	2.25 kg (Male) 1.75kg (Female) (in 7 mths)	42 54	00	05	00	00	05
							Total egg production /year	278	74					
Mayurbhanj	Varietal substitution	Coriander	Rabi, 2011-12	Varietal substitution with coriander variety RCR-436	0.4	RCR-436	9.73	6	62.1	00	01	00	04	05
Mayurbhanj	Integrated Nutrient Management	Chilli	Rabi, 2011-12	Nutrient Management	01	Haladi Khadi	86	55	56.3	01	01	00	08	10
Mayurbhanj	Bio-control of pests and diseases	Vegetables	Rabi, 2011-12	Soil application of 250 kg FYM fortified with 2.5 kg of <i>Trichoderma viridae</i> per ha land	1.0	Antagonistic fungus <i>Trichoderma viridae</i>	210.0	168.0	25.0	02	03	0	05	10
Mayurbhanj	Location specific drudgery reduction	Tubular maize sheller	Rabi, 2011-12	Shelling from dehusked cobs by twisting action with four tapered fins	10	Tubular maize sheller	27kg/hr.	17kg/hr	58.8	00	08	02	00	10
Mayurbhanj	Location specific drudgery reduction	Groundnut Decorticator	Rabi, 2011-12	Groundnut decortications by sitting type manual operated decorticator by farmwomen	10	Groundnut Decorticator	26 kg pods/hr.	1.2 kg pods/hr	2066.6	00	07	00	03	10
Mayurbhanj	Small scale income generating enterprise	Vermi Compost	Rabi, 2011-12	Release of vermin 1 kg / tank, 5 litre of water twice a week and covered with gunny bags, consruction of pit size 10X3X2.5ft	10	Vermi Compost	Output 117 kg/tank Production of verms- 28 kg	00 00	00	00	06	00	04	10

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
Mayurbhanj	Paddy	Cultivation of medium duration hybrid JKRH-401	Effective tillers/hill	18	09	24,700	23,000	48,000	60,200	35,700	25,000	2.46	2.09
			Hills/m ²	26	42								
Mayurbhanj	Colocasia	Introduction of colocasia variety Muktakeshi	No. of corms/cormels	02	03	31,000	26,000	69,180	52,800	38,180	26,800	2.23	2.0
			Size of the corm (gm)	95	65								

Mayurbhanj	Tuberose and Gladiolus	Commercial Floriculture	No. of corms (nos.)	2,20,000	1,60,000	3,00,000	2,50,000	6,05,000	4,40,000	3,05,000	1,90,000	2.01	1.76
			No. of cormels (nos.)	1,10,000	80,000								
			Days to flowering (days)	130	150								
			Vase life of flower (flower)	26	22								
Mayurbhanj	Paddy	Pheromone trap installation and releasing eggs of <i>Trichogramma japonicum</i>	Dead Heart (%)	02	06	19,500	20,000	48,800	43,500	29,300	23,500	2.50	2.17
			White Earhead (%)	01	05								
Mayurbhanj	Okra	Soil application of Neem cake and spraying of Profenophos	Shoot-borer incidence (%)	05	24	34,000	31,000	1,09,000	72,000	75,000	41,000	3.21	2.32
			Fruit-borer incidence (%)	11	32								
Mayurbhanj	Duck	Rearing of Khaki Campbell breed for both meat and egg production	Change in body weight (in 7 months)	3.2 kg (M) 2.7 kg (F)	2.25 kg (M) 1.75 kg (F)	405	180	920	302	515	122	2.25	1.6
			Age at first egg production (days)	180	190								
			Total egg production/year	278	74								
Mayurbhanj	Coriander	Varietal substitution with coriander variety RCR-436	No. of umbels/plant	05	03	19,000	15,000	58,380	36,000	39,380	21,000	3.0	2.4
			No. of seeds/plant	100	70								
Mayurbhanj	Chilli	Nutrient Management	Days to 50% flowering	45	50	32,000	24,000	86,000	55,000	54,000	31,000	2.6	2.2
			No. of fruits/plant	900	300								
Mayurbhanj	Vegetables	Soil application of 250 kg FYM fortified with <i>T. viridae</i> per ha land	Fungal wilt (%)	00	09	41,000	40,000	1,47,000	1,17,000	1,06,000	77,600	3.58	2.94
			Collar rot/Root rot (%)	01	14								
Mayurbhanj	Maize Sheller	Shelling from dehusked cobs by twisting action with four tapered fins	Output (kg/hr.)	27	17								
			Heart rate during work (beats/min.)	93	88								
			Work pulse beats/min.)	16	12								
			Cardiac cost (beats/kg)	35.6	42.6								
			Shelling efficiency	85	96.2								
Mayurbhanj	Groundnut Decorticator	Groundnut decortication by sitting type of manually operated decorticator by farmwomen	Output kg of pods decorticated (kg/hr.)	26	1.2								
			Heart rate during work (beats/min.)	112	86								
			Work pulse beats/min.)	27	6.6								
			Cardiac cost (beats/kg)	62.3	330								
			Shelling efficiency	96	98								
			Broken grain (%)	4	0.56								
Mayurbhanj	Vermi Compost	Production of Vermicompost	Output (kg/tank)	117	00								
			Production of verms/pit	2.8 kg	00								

3.4 Feedback of the Farmers

Name of KVK	Feedback
Mayurbhanj	<p>Paddy</p> <ul style="list-style-type: none"> Hybrid paddy is giving 25 – 30 % more yield than the ruling HYVs. Resists major pests and diseases. Milling percentage, head rice recovery and cooking quality of hybrid paddy are not satisfactory. Pheromone traps and Trichocards should be available at the door steps.
	<p>Colocasia</p> <ul style="list-style-type: none"> Maturity in seven months. Suitable for consumption purpose. Acridity is nil. Unavailability of planting material in the local market is a major constraint.
	<p>Tuberose and Gladioli</p> <ul style="list-style-type: none"> Good cultivation practices increase the yield by 83.3% in tuberose and 37.5% in Gladioli. However, catching the local markets needs large scale and continuous production.
	<p>Coriander</p> <ul style="list-style-type: none"> More no. of umbels/plant is noticed. More no. of seeds/plant is also noticed. Unavailability of the variety in the local market is the major constraint. Can be grown as an offseason variety.
	<p>Chilli</p> <ul style="list-style-type: none"> More no. of fruits/plant is noticed Farmers are willing to accept the technology as yield is increased by 56.3% over local
	<p>Okra</p> <ul style="list-style-type: none"> One chemical having the capacity to control both cutting/biting and sucking pests should be available
	<p>Vegetables</p> <ul style="list-style-type: none"> <i>Trichoderma viridae</i> is very easy to incorporate and the cheapest way to control soil-borne plant pathogens
	<p>Maize sheller</p> <ul style="list-style-type: none"> Very effective tool for farm women of small and marginal categories.
	<p>Groundnut decorticator</p> <ul style="list-style-type: none"> Sometimes the broken grain percentage increases if the knot of the groundnut decorticator is not adjusted properly.
	<p>Improved duck breed</p> <ul style="list-style-type: none"> Duck breed Khaki Campbell is proved to be a very remunerative enterprise for resource poor farm women.
	<p>Vermicompost</p> <ul style="list-style-type: none"> Availability of vermin is a problem to start an enterprise. Rodent attack is a major problem.

3.5 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Mayurbhanj	Paddy	Field days	02	100	
		Farmers Training	04	100	
		Media coverage	03		
		Training for extension functionaries	01	27	
Mayurbhanj	Colocasia	Field days	01	50	
		Training for Rural Youth	01	25	
		Media coverage			
		Training for extension functionaries	01	30	
Mayurbhanj	Tuberose and Gladiolus	Field days	01	50	
		Farmers Training	01	25	
		Media coverage			
		Training for extension functionaries			
Mayurbhanj	Coriander	Field days	01	50	
		Farmers Training			
		Media coverage			
		Training for extension functionaries			
Mayurbhanj	Chilli	Field days	01	50	
		Farmers Training			
		Media coverage			
		Training for extension functionaries			
Mayurbhanj	Okra and other vegetables	Field days	02	100	
		Farmers Training	06	150	
		Media coverage	02		
		Training for extension functionaries	01	30	
Mayurbhanj	Maize sheller	Field days			
		Farmers Training	01	25	
		Media coverage			
		Training for extension functionaries			
Mayurbhanj	Groundnut decorticator	Field days			
		Farmers Training	02	50	
		Media coverage			
		Training for extension functionaries			
Mayurbhanj	Vermicompost	Field days	01	50	
		Farmers Training	02	50	
		Media coverage			
		Training for extension functionaries			
Mayurbhanj	Improved duck breed	Field days	01	50	
		Farmers Training	02	50	
		Media coverage			
		Training for extension functionaries			

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
Mayurbhanj	F/FW	PRA study, problem identified and prioritization, root-cause analysis & SWOT analysis, gap analysis	13.05.2009, Dabak; 15.05.2009, Madhunanda; 30.06.2009, Machhia	156
Mayurbhanj	RY	Group discussion with the rural youth clubs and SHG members and analyzing secondary data from line department like women & CD department, horticulture department, banking officials.	16.10.09 and 04.12.09 On campus and line departments	85
Mayurbhanj	IS	Interview method and analysis of professional performance by group exercise	17.08.10 and 18.08.10	30

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	15	16
Mayurbhanj	FW	OFC	CRP	Production Technology for pigeon pea	01	01	04	01	0	0	20	0	0	0
Mayurbhanj	FW	OFC	CRP	Scientific cultivation of Groundnut	01	01	20	0	03	0	02	0	0	0
Mayurbhanj	FW	OFC	CRP	Scientific cultivation of Green gram	01	01	12	13	0	0	0	0	0	0
Mayurbhanj	FW	ONC	PLP	Management of pests and diseases in Paddy by Integrated Methods	01	02	0	03	0	0	16	06	0	0
Mayurbhanj	FW	OFC	PLP	Management of Fruit-borer and Sucking pests in Okra	01	01	22	0	03	0	0	0	0	0
Mayurbhanj	FW	OFC	PLP	Spraying techniques in paddy	01	01	24	0	0	0	01	0	0	0
Mayurbhanj	FW	OFC	PLP	Sucking pest management in Okra, Brinjal, Tomato and Chilli	01	01	03	0	08	0	14	0	0	0
Mayurbhanj	FW	OFC	PLP	Management of fruit fly in Pumpkin	01	01	0	0	01	0	20	04	0	0
Mayurbhanj	FW	OFC	PLP	Management of fruit and shoot borer in Okra, Tomato, Brinjal and Chilli	01	01	24	0	0	0	01	0	0	0
Mayurbhanj	FW	ONC	PLP	Application of <i>Trichoderma viridae</i> in vegetable nurseries for disease management	01	02	01	0	0	0	18	06	0	0
Mayurbhanj	FW	ONC	PLP	Management of various diseases in Banana and Papaya	01	02	05	0	0	0	20	0	0	0
Mayurbhanj	FW	ONC	PLP	Bio-pesticides for controlling pests and diseases in vegetable crops	01	02	0	0	0	0	23	02	0	0
Mayurbhanj	FW	OFC	PLP	Plant protection measures in Groundnut	01	01	11	0	0	01	09	04	0	0

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	15	16
Mayurbhanj	FW	OFC	PLP	Plant protection measures in Green gram	01	01	12	13	0	0	0	0	0	0
Mayurbhanj	FW	ONC	WOE	Cultivation of paddy straw mushroom in entrepreneurial basis	01	02	0	0	0	0	0	25	0	0
Mayurbhanj	FW	ONC	WOE	Cultivation of oyster mushroom in entrepreneurial basis	01	02	0	04	0	05	0	16	0	0
Mayurbhanj	FW	OFC	WOE	Laying out and planting different components of kitchen garden for a rural family for the balanced diet throughout the year	01	01	0	0	0	0	0	25	0	0
Mayurbhanj	FW	OFC	WOE	Preparation of low cost diet from the locally available cereals	01	01	0	23	0	1	0	1	0	0
Mayurbhanj	FW	OFC	WOE	Vaccination schedule for backyard poultry rearing	01	01	0	07	0	0	0	18	0	0
Mayurbhanj	FW	OFC	WOE	Storing technique of paddy	01	01	0	25	0	0	0	0	0	0
Mayurbhanj	FW	OFC	WOE	Vaccination procedure in goats for deworming	02	02	0	20	0	21	0	09	0	0
Mayurbhanj	FW	OFC	WOE	Safety measures in groundnut decorticator	01	01	0	0	0	0	0	25	0	0
Mayurbhanj	FW	OFC	WOE	Weeding operations in vegetables	01	01	0	21	0	04	0	0	0	0
Mayurbhanj	FW	ONC	WOE	Preparation of value added products from tomato	01	02	0	0	0	0	0	25	0	0
Mayurbhanj	FW	OFC	WOE	Vaccination procedure for poultry rearing	01	01	0	0	0	24	0	01	0	0
Mayurbhanj	FW	ONC	HOF	Package and practices of Papaya and Banana	01	02	22	0	1	0	2	0	0	0
Mayurbhanj	FW	ONC	HOV	Hybrid vegetable cultivation	01	01	06	01	0	0	18	0	0	0
Mayurbhanj	FW	ONC	HOV	Off season vegetable cultivation	02	03	15	0	0	0	30	05	0	0
Mayurbhanj	FW	ONC	HOV	Nursery raising technique in vegetables	02	02	05	23	08	0	14	0	0	0
Mayurbhanj	FW	ONC	HOO	Commercial cultivation of flowers	01	02	17	4	0	0	4	0	0	0
Mayurbhanj	FW	OFC	HOF	Pruning and training in mango	01	01	20	2	0	0	2	1	0	0
Mayurbhanj	FW	OFC	HOF	Propagation techniques of Mango	01	01	19	3	0	0	2	1	0	0
Mayurbhanj	FW	OFC	HOV	Grading, sorting and packaging of vegetables	01	01	6	0	2	0	15	2	0	0
Mayurbhanj	FW	OFC	HOV	Planting techniques of tissue cultured Banana	01	01	1	0	0	0	18	5	0	0
Mayurbhanj	RY	ONC	HOT	Commercialization of Tuber Crops	01	02	22	0	3	0	0	0	0	0
Mayurbhanj	RY	ONC	HOV	Seed production in vegetable crops	01	02	24	0	0	0	1	0	0	0
Mayurbhanj	RY	ONC	HOV	Hi-tech Horticulture and precision farming	01	04	4	0	0	0	6	0	0	0
Mayurbhanj	RY	ONC	PLP	Entrepreneurship development in Apiculture	01	04	0	0	0	0	10	0	0	0
Mayurbhanj	RY	ONC	PLP	Production of Neem-oil cake and other bio-pesticides in commercial basis	01	02	0	0	0	0	25	0	0	0
Mayurbhanj	RY	ONC	WOE	Mushroom production in entrepreneurial basis	01	03	0	14	0	02	0	04	0	0

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	15	16
Mayurbhanj	RY	ONC	WOE	Preparation of value added products from sabai grass	01	02	0	0	0	0	0	10	0	0
Mayurbhanj	IS	ONC	CRP	Raising of nursery and management of weeds in sustainable rice cultivation	01	02	09	07	02	01	07	04	0	0
Mayurbhanj	IS	ONC	CBD	Capacity building of agricultural teachers of tribal schools to increase their professional efficiencies in agriculture and allied sectors	01	02	12	0	04	0	06	0	0	0
Mayurbhanj	IS	ONC	CBD	New initiatives in extension including problem identification, prioritization and programme planning	01	02	06	02	03	03	06	08	0	0
Mayurbhanj	IS	ONC	PLP	Management of diseases and pests in Paddy	01	02	05	05	05	01	07	02	0	0
Mayurbhanj	IS	ONC	HOT	Advanced techniques of tuber crop cultivation	01	02	23	0	5	0	2	0	0	0
Mayurbhanj	IS	ONC	CBD	Effective group formation and entrepreneurship development	01	02	08	07	02	01	02	0	0	0
Mayurbhanj	IS	ONC	CBD	Techniques of conducting demonstration and arrangement of training programmes	01	02	12	04	02	04	06	02	0	0
Mayurbhanj	IS	ONC	PLP	Integrated disease and pest management in oilseed and pulses	01	02	10	03	07	0	10	0	0	0

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

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries					
					SC		ST		Others	
					M	F	M	F	M	F
Mayurbhanj	Commercialization of tuber crops	Crop	Value addition of fruits and vegetables	02	3	0	0	0	22	0
Mayurbhanj	Seed production in vegetable crops	Crop	Seed production programme in paddy and vegetables	02	0	0	1	0	24	0
Mayurbhanj	Hi-tech Horticulture and precision farming	Enterprise	Hi-tech Horticulture and precision farming	04	0	0	6	0	4	0
Mayurbhanj	Entrepreneurship development in Apiculture	Enterprise	Apiculture	04	0	0	10	0	0	0
Mayurbhanj	Production of Neem-oil cake and other bio-extracts in commercial basis	Enterprise	Production of bio-pesticides for disease and pest control	02	0	0	25	0	0	0
Mayurbhanj	Mushroom production in entrepreneurial basis	Enterprise	Mushroom production	03	0	02	0	04	0	14
Mayurbhanj	Preparation of value added products from sabai grass	Enterprise	Value addition	02	0	0	0	10	0	0

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

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
Mayurbhanj	Preparation of value added products from tomato	Commercial	06	06	03
Mayurbhanj	Nursery raising technique in vegetables	Commercial	19	19	
Mayurbhanj	Commercial cultivation of flowers	Commercial	05	15	
Mayurbhanj	Propagation techniques of Mango	Commercial	06	12	05
Mayurbhanj	Commercialization of tuber crops	Commercial	16	16	
Mayurbhanj	Seed production in vegetable crops	Commercial	07	18	
Mayurbhanj	Hi-tech Horticulture and precision farming	Commercial	02	06	
Mayurbhanj	Entrepreneurship development in Apiculture	Commercial	12	12	
Mayurbhanj	Production of Neem-oil cake and other bio-pesticides in commercial basis	Commercial	03	06	
Mayurbhanj	Mushroom production in entrepreneurial basis	Commercial	11	21	06
Mayurbhanj	Preparation of value added products from sabai grass	Commercial	10	10	

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		
Mayurbhanj	Scaling up of water productivity	Conservation technology		FW	07	01	13	0	10	0	27	0	RRTTS, Chipillima	56,000/-
Mayurbhanj	Training to the field functionaries on improved maize cultivation	Crop Production	Maize cultivation	IS	04	02	35	12	05	01	21	07	ISOPOM	Collaborative with agriculture department
Mayurbhanj	Training on improved ground nut cultivation	Crop Production	Ground nut cultivation	FW	02	02	16	09	0	0	38	12	NABARD	Collaborative with NGO, DULAL

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	
Mayurbhanj	Package and practices of Papaya and Banana	25	25	75	375	640	1,40,000	2,59,372	Area expanded (ha)- 15
Mayurbhanj	Hybrid vegetable cultivation	25	40	80	140	310	60,000	1,70,000	Area expanded (ha) - 24
Mayurbhanj	Commercialization of tuber crops (RY)	25	10	65	70	160	55,000	1,40,000	Area expanded (ha)- 4.5
Mayurbhanj	Off season vegetable cultivation	25	20	70	80	140	1,15,000	2,00,000	Area expanded (ha)- 45
Mayurbhanj	Nursery raising techniques in vegetables	25	35	60	-	-	0	20,000	Area expanded (units)- 36
Mayurbhanj	Commercial cultivation of flowers	25	10	70	7.5	15	27,000	54,000	Area expanded (ha)- 6.5
Mayurbhanj	Seed production in vegetable crops (RY)	25	25	80	1.25	1.80	65,000	93,000	Area expanded (ha)- 26
Mayurbhanj	Hi-tech horticulture and precision farming (RY)	10	10	55	-	-	0	50,000	Area expanded (ha)- 3
Mayurbhanj	Propagation techniques of mango	25	15	60	-	-	0	60,000	Area expanded (ha)- 38
Mayurbhanj	Grading, sorting and packaging of vegetables	25	20	50	-	-	50,000	58,000	Area expanded (units)- 06
Mayurbhanj	Planting techniques of tissue cultured Banana	25	35	70	1900 bunch	2450 bunch	2,30,000	3,50,000	Area expanded (ha)- 08
Mayurbhanj	Production Technology for Arhar	25	45	80	8.5	12.0	32,000	46,000	Area expanded (ha)- 15
Mayurbhanj	Scientific cultivation of Groundnut	25	30	75	17.5	25.0	36,000	55,000	Area expanded (ha)- 55
Mayurbhanj	Scientific cultivation of Green gram	25	40	75	4.5	7.5	15,500	26,000	Area expanded (ha)- 64
Mayurbhanj	Management of pests and diseases in Paddy by Integrated Methods	25	30	80	40.0	43.5	23,000	26,500	Area expanded (ha)- 48
Mayurbhanj	Management of Fruit-borer and Sucking pests in Okra	25	25	80	48.0	84.0	30,000	65,000	Area expanded (ha)- 18
Mayurbhanj	Spraying techniques in paddy	25	45	80	42.0	45.5	24,000	27,500	Area expanded (ha)- 44
Mayurbhanj	Sucking pest management in Okra, Brinjal, Tomato and Chilli	25	20	70	84.0	146.0	60,000	1,22,000	Area expanded (ha)- 32
Mayurbhanj	Management of fruit fly in Pumpkin	25	35	60	160.0	240.0	65,000	96,000	Area expanded (ha)- 25
Mayurbhanj	Management of fruit and shoot borer in Okra, Tomato, Brinjal and Chilli	25	10	70	94.0	167.0	74,000	1,42,000	Area expanded (ha)- 54
Mayurbhanj	Management of various diseases in Banana and Papaya	25	10	55	375	640	1,40,000	2,59,372	Area expanded (ha)- 15
Mayurbhanj	Bio-pesticides for controlling pests and diseases in vegetable crops	25	15	60	86.0	168.0	70,000	1,45,000	Area expanded (ha)- 35
Mayurbhanj	Entrepreneurship development in Apiculture	25	20	50	18 kg	34 kg	3,000/ year	5,600/ year	38 new farmers initiated apiculture
Mayurbhanj	Production of Neem-oil cake and other bio-pesticides in commercial basis	25	35	70	-	50.0/ annum	-	40,000	03 units started
Mayurbhanj	Cultivation of paddy straw mushroom in entrepreneurial basis	25	25	80	-	90 kg	-	7,200	11 new units initiated
Mayurbhanj	Cultivation of oyster mushroom in entrepreneurial basis	25	20	75	-	125 kg	-	7,500	08 new units initiated
Mayurbhanj	Preparation of value added products from tomato	25	15	75	-	80 kg/ annum	-	16,000	12 new units started
Mayurbhanj	Preparation of value added products from sabai grass	25	30	70	-	-	-	20,000	10 new units started

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			
Mayurbhanj	Field Day	13	13	171	120	224	135	20	02	Crop production /protection and entrepreneurs hip development	Different crops and enterprises	Harvesti ng stage
Mayurbhanj	Kisan Mela	04	04	110	59	180	56	24	04	Akhyaya trutiya, off campus, technological celebration		
Mayurbhanj	Kisan Ghosthi											
Mayurbhanj	Exhibition	01	01	275	33	153	12	35	09	SHG and Farmers Club Sammelan		
Mayurbhanj	Film Show	10	14	119	32	131	43					
Mayurbhanj	Method Demonstrations											
Mayurbhanj	Farmers Seminar											
Mayurbhanj	Workshop											
Mayurbhanj	Group meetings	30	35	155	34	68	28					
Mayurbhanj	Lectures delivered as resource persons	25	36	315	96	286	59					
Mayurbhanj	Newspaper coverage	20	26									
Mayurbhanj	Radio talks	12	10							AIR, Baripada		
Mayurbhanj	TV talks	03	03									
Mayurbhanj	Popular articles	04	06									
Mayurbhanj	Extension Literature	04	05								Tissue culture banana, Kitchen garden, IPDM in Vegetables, Axial flow thresher, Off season mushroom cultivation	
Mayurbhanj	Farm advisory Services	35	53	18	02	16	0					
Mayurbhanj	Scientific visit to farmers field	200	243	976	133	1095	320					
Mayurbhanj	Farmers visit to KVK	650	1046	558	62	332	94					
Mayurbhanj	Diagnostic visits	44	54	812	60	156	55					

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			
Mayurbhanj	Exposure visits	10	13	68	29	73	42	16	09			
Mayurbhanj	Ex-trainees Sammelan	06	06	67	33	23	27					
Mayurbhanj	Soil health Camp	01	01	07	0	14	04	02	0			
Mayurbhanj	Animal Health Camp	01	01	16	07	20	07	02	0	Vaccination and health check up	Large and small animals	
Mayurbhanj	Plant Health Camp	01	01	03	0	43	0	03	01			
Mayurbhanj	Agri mobile clinic	0	0									
Mayurbhanj	Soil test campaigns											
Mayurbhanj	Farm Science Club conveners meet	01	01	65	0	49	0	15	0			
Mayurbhanj	Self Help Group conveners meetings	01	01	0	48	0	72	08	0			
Mayurbhanj	Mahila Mandals conveners meetings	0	0									
Mayurbhanj	Celebration of important days	04	04	75	28	44	33	16	02	<ul style="list-style-type: none"> •Women in Agril. Day •World Food Day •Agripreneur Meet •Fodder Day 		

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
Mayurbhanj	March, 2008	Quarterly	2000	1000

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Mayurbhanj	Leaflet	Cultivation of tissue culture banana	SMS (Hort.)	500
Mayurbhanj	Leaflet	Kitchen garden	SMS (Home Sc.)	500
Mayurbhanj	Leaflet	IPDM in Vegetables	SMS (PP)	500
Mayurbhanj	Leaflet	Axial flow thresher	SMS (PP)	500
Mayurbhanj	Leaflet	Cultivation of off season mushroom in poly house condition	SMS (Home Sc.)	500

7.3 Details of Electronic Media Produced

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

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 here 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
Mayurbhanj	Cereals	Paddy	MTU 7029	SD	447.9	qtl	9,22,674	Stock in hand
	Cereals	Paddy	Pratikshya	SD	150.0	qtl	3,09,000	Stock in hand
	Cereals	Paddy	Ranidhan	SD	24.0	qtl	49,440	Stock in hand
Mayurbhanj	Pulse	Green gram	OBGG-52	SD	4.0	qtl	32,000	Stock in hand
Mayurbhanj	Fruits	Papaya	Honey Dew	PM	856	Nos.	5,992	46
Mayurbhanj	Vegetables	Chilli	Haldiakhadi	PM	3800	Nos.	1,140	32
Mayurbhanj	Vegetables	Brinjal	Blue star, Green Star	PM	19000	Nos.	5,700	54
Mayurbhanj	Vegetables	Tomato	JK Desi	PM	13300	Nos.	7,590	75
Mayurbhanj	Vegetables	Cauliflower	Barkha, Megha	PM	12350	Nos.	4,940	63
Mayurbhanj	Vegetables	Cabbage	Konark, Cabbage no.139	PM	12125	Nos.	4,850	78

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	
Mayurbhanj	Cereals	Paddy	01 st to 07 th July 2011	Ist to IVth wk, Dec	14.0	MTU 7029	SD	447.9	3,92,000	9,22,674	Expected
Mayurbhanj	Cereals	Paddy	22 nd June 2011	IIIrd wk, Nov	3.5	Pratikshya	SD	150.0	98,000	3,09,000	Expected
Mayurbhanj	Cereals	Paddy	27 th June 2011	IIIrd wk, Nov	0.5	Ranidhan	SD	24.0	14,000	49,440	Expected
Mayurbhanj	Pulses	Green gram	2 nd to 4 th Feb 2012	IV week of April	2.0	OBGG-52	SD	4.0	40000	32,000	Expected

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	
Mayurbhanj	BIOAGENTS				
	BIOFERTILIZERS	12 q	2000		Stock in hand
	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	
Mayurbhanj	Cattle						
Mayurbhanj	Poultry	Banaraja	21 Days old chicks	8005	2,96,185	3,54,567	
Mayurbhanj	Fisheries						

9. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab: **NR**

Year of establishment: **NR**

9.1 Details of soil & water samples analyzed so far :

KVK Name	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized

10. Rainwater Harvesting : Not Available

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

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

11. Utilization of Farmers Hostel facilities

Accommodation available (No. of beds): **20 nos**

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)
Mayurbhanj	April	2011	Management of pests and diseases in paddy by integrated methods	02 days	25	02	
Mayurbhanj	April	2011	Commercialization of tuber crops	02 days	25	02	
Mayurbhanj	June	2011	Raising of nursery and management of weeds in sustainable rice cultivation	02 days	30	02	
Mayurbhanj	June	2011	Training of BMPCS, ISWAR, Baripada	02 days	25	02	
Mayurbhanj	July	2011	Capacity building of agricultural teachers of tribal schools to increase their professional efficiencies in agricultural and allied sectors	02 days	22	02	
Mayurbhanj	August	2011	New initiatives in extension including problem identification, prioritization and programme planning	02 days	28	02	
Mayurbhanj	August	2011	Management of diseases and pests in Paddy	02 days	25	02	
Mayurbhanj	August	2011	Offseason vegetable cultivation	02 days	25	02	
Mayurbhanj	August	2011	Mushroom production in entrepreneurial basis	03 days	20	03	
Mayurbhanj	September	2011	Advanced techniques of tuber crop cultivation	02 days	30	02	
Mayurbhanj	September	2011	Cultivation of Oyster mushroom in entrepreneurial basis	02 days	25	02	
Mayurbhanj	October	2011	Commercial cultivation of flowers	02 days	25	02	
Mayurbhanj	17 th October to 30 th November	2011	Rural exposure training programme of the BSc.(Ag.) students under RAWA programme	45 days	16	45	

Mayurbhanj	December	2011	Application of <i>Trichoderma viridae</i> in vegetable nurseries for disease management	02 days	25	02	
Mayurbhanj	December	2011	High-tech horticulture and precision farming	04 days	10	04	
Mayurbhanj	January	2012	Effective group formation and entrepreneurship development	02 days	20	02	
Mayurbhanj	January	2012	Preparation of value added products from sabai grass	02 days	25	02	
Mayurbhanj	February	2012	Scaling up of water productivity	07 days	50	07	
Mayurbhanj	February	2012	Techniques of conducting demonstration and arrangement of training programmes	02 days	30	02	
Mayurbhanj	February	2012	Management of various diseases in banana and papaya	02 days	25	02	
Mayurbhanj	March	2012	Integrated disease and pest management in oilseed and pulses	02 days	30	02	
Mayurbhanj	March	2012	Bio-pesticides for controlling pests and diseases in vegetable crops	02 days	25	02	
Mayurbhanj	March	2012	Cultivation of paddy straw mushroom in entrepreneurial basis	02 days	25	02	
Mayurbhanj	March	2012	Production of Neem oil cake and other bio-pesticides in commercial basis	02 days	25	02	

12. Utilization of Staff Quarters facilities : Not Available

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

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Mayurbhanj	22.07.2011	20	<ol style="list-style-type: none"> 1. Soil test for all OFT & FLD before initiation of the demonstration. 2. Strengthening of demonstration units like Azolla and Fodder Cafeteria for use of the trainees and supply. 3. Impart training to the rural youth under seed village programme on paddy to meet the seed requirements through exchange among farmers. 4. In-depth analysis may be made on Ranidhan to avoid lodging with proper nutrient management. 5. Two nos. of field days to be organized for each FLD programme, one in critical stage and another during harvest. 6. The name and phone no. of VAWs should be included in the KVK Kisan Mobile Sandesh for sending messages. 7. Emphasis should be given for participatory seed production programme in paddy in a systematic manner. 8. The cooking quality of hybrid paddy should be assessed before recommendation.

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

KVK Name	No. of messages sent	No. of beneficiary		Major recommendations
		Farmers	Ext. Pers.	
Mayurbhanj	79	1701	58	<ul style="list-style-type: none"> Sowing dates of various field crops. Suitable varieties of field crops, fruits and vegetables. Package of practices for important crops. IPM and IDM of field crops, fruits and vegetables. Appropriate contingent measures to be taken in case of any exigencies. Invitation for need-based training programmes.

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
Mayurbhanj	ATMA	State	1,00,000	On farm testing	Mayurbhanj district	
Mayurbhanj	BGREI	Central	1,00,000	Monitoring of demonstrations	Kaptipada, Betnoti, Bangiriposi, Jashipur and Bijatala blocks	
Mayurbhanj	MNREGA	State	-	Project planning for convergence	Shamakhunta block	
Mayurbhanj	NHM			Member of Governing board	Mayurbhanj district	
Mayurbhanj	DRDA	State	20,00,000	For construction of a well structured conference hall		
Mayurbhanj	Zila Panchayat					
Mayurbhanj	Seed village					
Mayurbhanj	NAIP					
Mayurbhanj	Climate Change					

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Mayurbhanj	30490126394 (SBI, Shyamakhunta)	4,29,806	7,856	Stock in hand of about 13.0 lakhs

17. Awards & Recognitions

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

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

Success Story -1

Name of the KVK: KVK, Mayurbhanj

Title: Mushroom Cultivation – A Women-friendly Enterprise

Introduction

Assessing the need of the district & studying the market demand, the scientists of KVK, Mayurbhanj found that there is a tremendous potential of commercial mushroom cultivation in the district. There is also a good availability of inputs like straw, bamboo and labour force in a cheaper rate. Moreover, it was found and understood, that the technology can be better adopted and utilized for income generation by the farmwomen than the male farmers. As this practice needs a small place and preferably in the homestead, women in the farming community can be able to derive their time for this and therefore, it is truly a women friendly enterprise. However, the most common problem is the availability of quality spawn. Lack of technical know-how about mushroom cultivation in the farmers is a cause for its low production.

Mrs. Geetanjali Mohanty, an housewife, aged about 40 years was taking interest in mushroom cultivation and approached KVK, Mayurbhanj for technical support. She was interested in establishing a spawn production unit, a production unit for year round production of paddy straw and oyster mushroom and a canning unit for making value added products of mushroom.

KVK intervention

Assessing the potentiality of the farmer, availability of inputs as well as marketability, KVK intervened in imparting Vocational Training on “Mushroom Cultivation” at campus. It also sponsored the farmer to Central Tropical Mushroom Training Center at OUAT, Bhubaneswar for “Advance Training on Spawn Production” during 18.10.05 to 27.10.05.

Output

By her knowledge, skill and perseverance, Mrs. Mohanty has able to develop her own enterprise including a production unit having a capacity of producing 55 kg paddy straw and 30 kg oyster mushroom in daily basis, a spawn unit with capacity to produce 250 nos of bottles daily and a canning unit for making value added products of mushrooms. She has also developed a market linkage with District Industrial Centre and outside state to Kolkata and Jamshedpur. Meeting all the expenses, she is now able to earn Rs. 45,000/- per month.

Outcome

Previously an unemployed housewife, Mrs. Geetanjali Mohanty is now enjoying the recognition of being the owner of RUCHI MUSHROOM Pvt. Ltd. and from an initial investment of Rs. 6 lakhs, the unit has now grown up to having an asset of Rs. 50 lakhs within five years. This unit in an average generates an employment of 10 – 12 man days.

Impact

- The success story was well transmitted through mass media and electronic media. Stories on Daily Dharitri (12.06.06), Krishak Bandhu Annapurna (May, 07), Otv. (Nov, 06).
- Being impressed with the technology other farmers of Mayurbhanj District like Amulya Barik of Barasahi, Rabi Narayan Singh of Baunsabilla, Biranchi Narayan Dash of Basipitha etc. adopted the mushroom production on commercial basis.
- From the Royal Institute of Engineering and Technology, Bhubaneswar, 6 nos. of scholars from B.Tech (Bio-technology) have done their project work in the farm under the Supervision of Dr. Chandi Charan Rath, Professor, North Orissa University and technical guidance from Dr. K. B. Mohapatra, Assoc. Professor and In-charge, Tropical Mushroom Research Center of OUAT during last July 2007.
- She received prizes at district Exhibition and State Horticultural fair at Bhubaneswar in the year 2007 for her satisfactory effort.
- Around 250 farm women have been inspired from Mrs. Mohanty and directly purchasing spawn from her for their commercial units.

Success Story -2

Name of the KVK : KVK, Mayurbhanj

TITLE : Foundation Seed Production in Paddy

Introduction: The district had a meager 7 % (approx.) seed replacement ratio at the time of establishment of the KVK in the year 2005. It is needless to say that the use of quality seeds is the most important factor in improving agricultural productivity. As paddy is the most important crop in the district, it was imperative to increase the foundation/certified paddy seed production in a bigger way. At this juncture, KVK, Mayurbhanj took the task of producing foundation paddy seeds and became successful.

KVK intervention : The KVK took up foundation and certified seed production in an area of 20 ha at its instructional farm and supplied the seeds to OSSC as well as to farmers.

Output:

Sl. No.	Crop /Variety	Category of seed	Area covered (ha)	Quantity of seeds produced (q)
1.	Kharif 2007			
	Paddy			
	1. Swarna (MTU-7029)	‘C’	14.0	556.2
	2. MTU-1001	‘F’	4.0	126.6
	3. Ashoka (BVD 110)	‘F’	2.0	29.1
2.	Rabi 2007-08			
	1. Paddy (Lalat)	‘C’	2.0	26.4
	2. Greengram (PDM-11)	‘C’	4.0	3.80
	3. Toria (Parbati)	‘C’	2.0	0.28
3.	Kharif 2008			
	Paddy (MTU7029)	‘F’	18.0	680.7
4.	Kharif 2009			
	1. MTU7029	‘F’	15.0	459.0
	2. Pratikya	‘F’	2.5	112.0
	3. Manaswini	‘F’	0.5	16.0
5.	Kharif 2010			
	1. MTU7029	‘F’	14.0	450.3
	2. Pratikhsya	‘F’	4.0	150.0
6.	Kharif 2011			
	1. MTU7029	‘F’	14.0	447.9 (in hand)
	2. Pratikya	‘F’	3.5	150.0 (in hand)
	3. Ranidhan	‘F’	0.5	24.0 (in hand)

Outcome: The seeds produced at the instructional farm have the potential to increase the seed replacement ratio of the district up to 30 %.

Impact : By the influence of the success of the KVK, many seed growers like Sapan Puthal of Basipitha village under Khunta, Rama Ranjan Mahapatra of Ambasikida village and Rajani Singh of Baunsabilla village under Shamakhunta block have excelled in the seed production programme

Success Story -3

Name of the KVK : KVK, Mayurbhanj

Title : Backyard poultry farming makes a mark in Mayurbhanj district

Introduction

Poultry farming with desi birds is common & traditional practice among the tribal and backyard people of Mayurbhanj district. After analyzing the situation, background and cultural scenario, KVK Scientists intervene to make this practice as more productive, remunerative and commercial by introducing Banaraja poultry farming in substitution.

As the desi birds are less productive laying only 10-20 nos. of egg annually and slower growth rate, in case of Banaraja poultry it is more productive laying 150-200 egg annually and growth upto 2.5 kg in only 3 months period. The practice is also adaptable because of its dual purpose and free range in nature, which needs very less recurring cost towards feeding and rearing. The major problem was to get the chicks in the district .

KVK intervention:

Assessing the potentiality and common habits of tribal women for rearing poultry birds followed by good marketability, KVK intervened with the latest technology through introduction of dual purpose colour bird “Vanaraja” for higher meat and egg production. The district administration was pleased to sanction a poultry unit under RSVY scheme at the total outlay of 5.0 lakhs during 2007-08 for rearing the day old chicks up to 21 days, which is the critical period of chick mortality. After schedule vaccination up to 21 days age, about 10,000 “Vanaraja” birds have been supplied to various SHGs of different blocks i.e. Shamakhunta, Baripada, Bahlada, Rairangpur, Betonati, Khunta and Karanjia.

a) Capability building in undertaking activities:

- i) Vocational training programmes.
- ii) Front Line Demonstration.
- iii) Farmers’ fair on Backyard Poultry Rearing with “Vanaraja” was conducted on 13.11.07 in the presence of Hon’ble Minister for Animal Husbandry, Fisheries & Textiles, Hon’ble Vice Chancellor & Dean, Extension Education.

b) Improved practices applied:

- i) Vanaraja poultry birds, an improved having potentiality for higher meat & egg production introduced.
- ii) Vaccination against Ranikhet disease – CRDF, on 7th, 28th day & R₂B on 6th day Gumboroo (14th & 40th day) & Fowl pox (50th day).
- iii) Deworming against coccidiosis (25th – 30th day)

Output: Earns on an average of Rs.7,500/- per 25 nos. of birds within a period of 4 months.

Outcome: Due to backyard poultry farming many SHG, women growers, entrepreneurship have started their units as commercial basis as well as the livelihood option.

Impact: The technology spreads to Farm women-976 nos, SHGs-.35 nos, WIG (ATMA)- 7 nos, User Group (Soil Cons.)- 35 nos in 165nos of Villages under 15 nos of Blocks. In addition to this, there is also establishment of 8 nos of Poultry Brooding Units in commercial basis.

19. Details of KVK Agro-technological Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Mayurbhanj	Crop Cafeteria	Pond base integrated farming system, Poultry brooding house, shade net, poly house, off season vegetable, mushroom complex, organic complex, nutritional garden, fodder cultivation, dairy, Duckery and floriculture
Mayurbhanj	Technology Desk	
Mayurbhanj	Visitors Gallery	
Mayurbhanj	Technology Exhibition	
Mayurbhanj	Technology Gate-Valve	

20. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Mayurbhanj	Sj. Laxman Tudu, MP, Mayurbhanj	06.05.11	Celebration of district level Krushak Diwas
Mayurbhanj	Smt. Sarojini Hembram, MLA, Bangiriposi	06.05.11	Celebration of district level Krushak Diwas
Mayurbhanj	Smt. Srapati Tudu, President, ZP, Mayurbhanj	06.05.11	Celebration of district level Krushak Diwas
Mayurbhanj	Sj. Pratap Ch. Sahu, Vice President, ZP, Mayurbhanj	06.05.11	Celebration of district level Krushak Diwas
Mayurbhanj	Dr. R.S. Saini, National Consultant, N.F.S.M., New Delhi	08.06.11	Monitoring visit of RKVY
Mayurbhanj	Sj. Bijay Kumar Harichandan, State Consultant, N.F.S.M., Orissa	09.06.11	Monitoring visit of RKVY
Mayurbhanj	Sj. Rangalal Jamuda, Principal Secretary-cum-Commissioner, Dept. of Agriculture, GOO	10.06.11	Official visit and review of seed production programme
Mayurbhanj	Dr. Bijay Kumar Sahu, Senior Agronomist, AICRP on Forage Crops-cum- ADR(Seeds), OUAT	26.11.11	To participate in Fodder Day celebration

21. Status of KVK Website: Available at www.kvkmayurbhanj.org.in**22. E-CONNECTIVITY- Not Available**

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No of lectors organized by KVK	Brief achievements	Remarks
Mayurbhanj	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 -12.03.2011 to 18.03.2011

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Mayurbhanj	Gosthies			
Mayurbhanj	Lectures organized			
Mayurbhanj	Exhibition	02 days	473	
Mayurbhanj	Film show	04	226	
Mayurbhanj	Fair	02 days	473	
Mayurbhanj	Farm Visit			
Mayurbhanj	Diagnostic Practical's			
Mayurbhanj	Distribution of Literature (No.)	500 nos	500 nos	
Mayurbhanj	Distribution of Seed (q)			
Mayurbhanj	Distribution of Planting materials (No.)			
Mayurbhanj	Bio Product distribution (Kg)			
Mayurbhanj	Bio Fertilizers (q)			
Mayurbhanj	Distribution of fingerlings (No)			
Mayurbhanj	Distribution of Livestock specimen (No.)			
Mayurbhanj	Total number of farmers visited the technological week	-	1250	
Mayurbhanj	Others			
Mayurbhanj	SHG Sammelan	01	100	
Mayurbhanj	Famers' Club convention	01	150	
Mayurbhanj	Farmers-Scientist Interaction	01	73	
Mayurbhanj	Soil test campaign/soil health camp	01	25	
Mayurbhanj	Animal health camp	01	50	
Mayurbhanj	Plant health camp	01	46	
Mayurbhanj	Awareness camp	03	225	

24. INTERVENTIONS ON DROUGHT MITIGATION

(a) Introduction of alternate crops/varieties

Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
Mayurbhanj	Pigeon pea	18	42
Mayurbhanj	Oat	2	10
Mayurbhanj	Maize	68	116

(b) Major area coverage under alternate crops/varieties

Mane of KVK	Crops	Area (ha)	Number of beneficiaries
Mayurbhanj	Oilseeds	10	50
Mayurbhanj	Pulses	15	58

Mayurbhanj	Cereals		
Mayurbhanj	Vegetable crops		
Mayurbhanj	Tuber crops		
Mayurbhanj	Fruits		
Mayurbhanj	Spices		
Mayurbhanj	Cotton		
	Total	25	108

(c) **Farmers-scientists interaction on livestock management**

Name of KVK	Livestock components	Number of interactions	No.of participants
Mayurbhanj	Dairy Management	01	73
Mayurbhanj	Disease management		
Mayurbhanj	Feed and fodder technology		
Mayurbhanj	Poultry management		

(d) **Animal health camps organised**

Name of KVK	Number of camps	No.of animals	No.of farmers
Mayurbhanj	01	429	40

(e) **Seed distribution in drought hit states**

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Mayurbhanj	Paddy	550	1100	350
Mayurbhanj				
Mayurbhanj				

(f) **Seedlings and Saplings distributed**

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
	Seedlings			
Mayurbhanj	Papaya	2410		56
Mayurbhanj	Chilli	4800		68
Mayurbhanj	Brinjal	10800		175
Mayurbhanj	Tomato	11700		158
Mayurbhanj	Cauliflower	8100		123
Mayurbhanj	Cabbage	6300		128

(g) **Bio-control Agents**

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

(h) **Bio-Fertilizer**

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers
Mayurbhanj	Vermin compost	1200	-	-

(i) **Vermis Produced**

Name of KVK	Vermis Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Mayurbhanj				
Mayurbhanj				

(j) Large scale adoption of resource conservation technologies

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

(k) 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
Mayurbhanj	3	480			10	511	2	350	2	440	04	226

25. Status of KVK Website

If available, please provide the address of website: www.kvkmayurbhanj.org.in

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) – Attached separately