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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	
Mayurbhanj	OFTs	15	68	15	68	
Mayurbhanj	FLDs – Oilseeds (activity in ha)	10	26	10	50	
Mayurbhanj	FLDs – Pulses (activity in ha)	10	26	15	58	
Mayurbhanj	FLDs – Cotton (activity in ha)	0	0	0	0	
Mayurbhanj	FLDs – Other than Oilseed and pulse crops(activity in ha)	11.5	135	11.409	136	
Mayurbhanj	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	30	30	30	30	
Mayurbhanj	Training-Farmers and farm women	48	1200	48	1208	
Mayurbhanj	Training-Rural youths	10	150	09	150	
Mayurbhanj	Training- Extension functionaries	08	200	08	196	
Mayurbhanj	Extension Activities	350	6000	381	7054	
Mayurbhanj	Seed Production (Number of activity as seeds in quintal)	550q		600.3 q		1158579
Mayurbhanj	Planting material ((Number of activity as quantity of planting material in quintal)	0	0	0	0	0
Mayurbhanj	Seedling Production (Number of activity as number of seedlings in numbers)	50000	800	44,110	985	27820
Mayurbhanj	Sapling Production (Number of activity as number of sapling in numbers)	0	0	0	0	0
Mayurbhanj	Other Bio- products (Straw from Paddy)	0	0	69 q	13	5520
Mayurbhanj	Live stock products (21 days old poultry chicks)	12000	-	14108 nos.	-	564320
Mayurbhanj	SAC Meeting (Date & no. of core/official members	01	23	01	24.11.2010/19	
Mayurbhanj	Newsletters (no.)	02		03		
Mayurbhanj	Publication (Research papers, popular article)	03	2000	03	2000	
Mayurbhanj	Convergence programmes / Sponsored programmes	03		03	0	0
Mayurbhanj	KVK-ATMA Linkage programme (Number of activities)	01	01	10	26	150000
Mayurbhanj	Outreach of KVK in the District (No. of blocks, no. of villages)	10/75	5000	12/146	6520	
Mayurbhanj	Soil sample tested	100	100	122	122	0
Mayurbhanj	Water sample tested	0	0	0	0	0
Mayurbhanj	KMA (No. of messages & beneficiaries)	75	100	80	120	

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	18320	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	18320	02.01.2006	Permanent	OBC
Mayurbhanj	Subject Matter Specialist 4	S.Pattnaik	Horticulture	M.Sc. (Ag.)	Floriculture	15600 -39100	18320	10.01.2006	Permanent	General
Mayurbhanj	Subject Matter Specialist 5	Dr.D.Mishra	Plant Protection	Ph.D.	Plant pathology	15600 -39100	15600	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	Kharif, 2010	Low yield of paddy due to weed infestation	Assessment	Weed management	Crop	Irrigated Medium Land	Assessment of new generation chemical herbicide "Oxadiargyl 80%WP" in transplanted paddy	06	45.4	54.8	24900	36000	This herbicide controls both grasses as well as broad leaf weeds.
Mayurbhanj	Kharif, 2010	Low yield of medium duration high yielding varieties, MTU 7029	Assessment	Varietal replacement	Crop	Irrigated Medium Land	Assessment of Medium duration paddy hybrid – JKRH 401	05	48.6	68.2	28500	45400	Very good performance in medium land and having tolerance to all the major pests and diseases.
Mayurbhanj	Kharif, 2010	Low yield of Sabai grass due to no use of fertilizers	Assessment	INM	Crop	Rainfed unbunded upland	Assessment of fertilizer management in Sabai	05					Continuing
Mayurbhanj	Kharif, 2010	Low yield due to indiscriminate use of chemical fertilizers	Assessment	INM	Crop	Irrigated Upland	Assessment of Integrated Nutrient Management in Okra	06	75.0	105.5	28500	40850	Application of 100:50:75 kg NPK is recommended per ha.
Mayurbhanj	Kharif, 2010	Low yield and high acidity in local variety	Assessment	Varietal substitution	Crop	Rainfed upland	Assessment of colocasia var. Muktakeshi	05	88.0	114.6	26800	37760	Acridity free var. "Muktakeshi" is well suited for rainfed upland situations.
Mayurbhanj	Kharif, 2010	Low yield due to incidence of stem-borer	Assessment	IPM	Crop	Irrigated medium land	Assessment of stem- borer management in paddy by application of bio-control agents	05	45.5	49.0	25000	27900	Release of <i>T. japonicum</i> @ 50000 eggs and installing 10 Pheromone traps per Acre reduces the stem-borer incidence
Mayurbhanj	Kharif, 2010	Low yield due to incidence of fruit-borer	Assessment	IPM	Crop	Irrigated medium land	Assessment of fruit- borer management in Okra	05	48.0	84.0	20500	55000	Application of 50 kg Neem oil-cake and spraying of 200 ml of Profenophos at 45 DAS per Ac. reduces the Shoot and Fruit-borer incidence

Mayurbhanj	Khariif, 2010	Low weed control efficiency & more drudgery by Cono-weeder	Assessment	Location specific drudgery reduction	Mandwa weeder	Irrigated medium land	Assessment of Mandwa weeder in SRI cultivation of rice	05					More effective than Cono weeder and useful in wet condition
Mayurbhanj	Rabi, 2010-11	Low yield of Groundnut due to weed infestation	Assessment	Weed management	Crop	Irrigated Medium Land	Assessment of herbicide Oxyflourfen on Groundnut	05					Continuing
Mayurbhanj	Rabi, 2010-11	Low yield due to indiscriminate use of chemical fertilizers	Assessment	INM	Crop	Irrigated medium land	Assessment of integrated nutrient management in chilli	06	50.0	94.1	16000	40280	Application of 112:50:100kg NPK/ha is recommended for irrigated medium land situation
Mayurbhanj	Rabi, 2010-11	Low yield in farmers variety	Assessment	Varietal substitution	Crop	Irrigated medium land	Assessment of coriander variety "RCR 436"	05	6.0	9.2	23000	39200	Variety "RCR 436 " is well suited to irrigated medium land of the district
Mayurbhanj	Rabi, 2010-11	Crop failure due to severe infestation of Climbing Cut Worm in Paddy	Assessment	IPM	Crop	Irrigated medium land	Assessment of Climbing Cut Worm Management in Rabi Paddy	05					Continuing
Mayurbhanj	Rabi, 2010-11	Low yield due to incidence of diseases	Assessment	IDM	Crop	Irrigated medium land	Assessment of Collar Rot and Leaf Blight Disease Management in Groundnut	05					Incidence and severity of various diseases have reduced by treating seeds with Thiram @ 3g/kg and soil application with fortified <i>Trichoderma viridae</i> @ 2.5 kg/ha
Mayurbhanj	Rabi, 2010-11	Groundnut decortication manually involves more time and labour	Assessment	Location specific drudgery reduction	Enterprise	Irrigated medium land	Assessment of groundnut decorticator	05					Continuing
Mayurbhanj	Rabi, 2010-11	Low output & high drudgery involved in manual hand shelling of maize by farmwomen	Assessment	Location specific drudgery reduction	Enterprise	Irrigated medium land	Assessment of Tubular maize sheller	05					Shelling with maize sheller saves time, energy and money

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	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 Practice (T3)
Mayurbhanj	Assessment of new generation chemical herbicide “Oxadiargyl 80%WP” in transplanted paddy	Weed dry weight/m ² (20DAT) in gm	28	155	20500	18800		45400	54800		24900	36000		2.21	2.91	
		Weed dry weight/m ² (60DAT) in gm	58	110												
		Weed control efficiency (60DAT) (%)	52.7	-												
Mayurbhanj	Assessment of Medium duration paddy hybrid – JKRH 401	No. of effective tillers/hill	12.6	8.5	20500	22800		48500	68200		28500	45400		2.36	2.99	
		No. of grains/ panicle	242	168.4												
		No. of hills/m ²	25	41.6												
Mayurbhanj	Assessment of fertilizer management in Sabai	No. of tillers/hill	47.8	18.6												
Mayurbhanj	Assessment of Integrated Nutrient Management in Okra	Plant height (cm)	98.2	42.7	2000	33000		52500	73850		28500	40850		2.18	2.23	
		Days to 50 % flowering	35	40												
Mayurbhanj	Assessment of colocasia var. Muktakeshi	No. of corms/cormels	2	3	26000	31000		52800	68760		26800	37760		2.0	2.2	
		Size of the corm (gm)	95	65												
Mayurbhanj	Assessment of stem-borer management in paddy by application of bio-control agents	Dead Heart (%)	1	2	20500	21100		45500	49000		25000	27900		2.22	2.32	
		White ear head (%)	1	4												
Mayurbhanj	Assessment of fruit-borer management in Okra	Shoot-borer incidence (%)	6	23	27500	20000		48000	84000		20500	55000		1.74	2.89	
		Fruit-borer incidence (%)	11	32												
Mayurbhanj	Assessment of Mandwa weeder in SRI cultivation	Output (m ² /hr.)	98	22												
		Weeding Capacity(ha./hr)	0.01	0.004												
		Weed control efficiency (%)	75	95												
		Heart rate during works (beats/min.)	123	102												
		Work pulse, beats/min	41	22												
		Cardiac cost (beats/m ²)	16.4	29.3												
Mayurbhanj	Assessment of herbicide Oxyflourfen on Groundnut	Weed dry weight/m ² (20DAT) in gm	10	45												
		Weed dry weight/m ² (60DAT) in gm	08	29												
		Weed control efficiency (60DAT) (%)	27.6	-												
Mayurbhanj	Assessment of integrated nutrient management in chilli	Days to 50 % flowering	45	50	24000	35000		40000	75280		16000	40280		1.66	2.15	
		No. of fruits per plant	900	300												
Mayurbhanj	Assessment of coriander variety “RCR 436”	No. of umbels/plant	5	3	13000	16000		36000	55200		23000	39200		2.76	3.45	
		No. of seeds/plant	100	70												

Mayurbhanj	Assessment of Climbing Cut Worm Management in Rabi Paddy	Continuing														
Mayurbhanj	Assessment of Collar Rot and Leaf Blight Disease Management in Groundnut	Collar rot incidence (%)	2	12												
		Leaf Blight severity (%)	5	15												
Mayurbhanj	Assessment of Groundnut decorticator	Output kg of pods decorticated/hr	26	1.2												
		Heart rate during works (beats/min.)	112	86												
		Work pulse, beats/min	27	6.6												
		Cardiac cost (beats/kg)	62.3	330												
		Labour Requirement man days/q	6	14.2												
		Shelling efficiency	96%	98%												
		Broken grain (%)	4	0.56												
Mayurbhanj	Assessment of Tubular maize sheller	Output (kg/hr)	27	17												
		Heart rate during works (beats/min.)	93	88												
		Work pulse, beats/min	16	12												
		Cardiac cost (beats/kg)	35.6	42.6												
		Shelling efficiency (%)	96.2	85												

2.3 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.

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 replacement	Cultivation of medium duration paddy variety "Ranidhan"	Phone in, Radio talk, leaflet, field day	08	40	13
Mayurbhanj	Crop	Varietal replacement	Cultivation of medium duration paddy variety "Manaswini"	Radio talk, phone in, leaflet	10	35	09
Mayurbhanj	Crop	Weed management	Chemical herbicide "Butachlor" in transplanted Paddy	Phone in, Radio talk, leaflet, field day	23	86	32
Mayurbhanj	Crop	Off season vegetable cultivation	Varietal replacement by wilt resistant variety	Field day, training, leaflet, phone -in under radio	12	80	10
Mayurbhanj	Crop	Low volume and high value crop	Replacement of wilt resistant variety	Leaflet, training, radio talk, group discussion	07	60	08
Mayurbhanj	Crop	IDM	IDM in Tomato	Phone in, Radio talk, leaflet, field day	08	54	09
Mayurbhanj	Crop	IPM	Management of Fruit-fly in Pumpkin	Phone in, Radio talk, leaflet, field day	06	28	06
Mayurbhanj	Enterprise	Location specific drudgery reduction	Use of hand ridger for weeding in chilli	Field Day, Radio talk, Group discussion and leaf let	05	220	9.0
Mayurbhanj	Enterprise	Poultry rearing	Improved backyard poultry breed "Banaraja"	Field Day, Radio talk, Group discussion and leaf let	24	2000	
Mayurbhanj	Enterprise	Goat rearing	Deworming of goats	Radio talk, Group discussion and leaf let	05	200	
Mayurbhanj	Enterprise	Mushroom Production	Oyster mushroom cultivation in homestead condition	Field Day, Radio talk, Group discussion and leaf let	20	250	

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 Replacement	Paddy	Kharif, 2010	Medium duration paddy variety “Ranidhan”	1.0 ha	Ranidhan	51.0	46.0	10.87	0	07	0	03	10
Mayurbhanj	Varietal Replacement	Paddy	Kharif, 2010	Medium duration paddy variety “Manaswini”	2.0 ha	Manaswini	52.6	46.8	12.4	0	06	0	04	10
Mayurbhanj	Weed Management	Paddy	Kharif, 2010	Chemical method of weed control in transplanted paddy	2.0 ha	Butachlor	54.6	45.7	19.5	0	10	0	0	10
Mayurbhanj	Varietal substitution	Elephant foot yam	Kharif, 2010	Variety “Gajendra”	0.009 ha	Gajendra	220.4	155.0	42.2	0	0	0	05	05
Mayurbhanj	Integrated Nutrient Management	Papaya	Kharif, 2010	Application of 575:600:675 kg NPK/ha	0.4 ha	INM	640.62	375.0	70.8		07		01	08
Mayurbhanj	Integrated Disease Management	Paddy	Kharif 2010	Seed treatment and Seedling treatment with Carbendazim MZ @ 0.2% and alternate spraying with Propiconazole @1ml/lit and Validamycin @ 2ml/lit	1.0 ha	IDM	48.2	44.6	8.1	0	03	0	07	10
Mayurbhanj	Integrated Pest Management	Okra	Kharif 2010	Soil application with Fipronil 5%G and spraying with Spinosad @5ml/15lit water	1.0 ha	IPM	90.5	55.5	63.1	06	01	0	03	10
Mayurbhanj	House hold food security by kitchen gardening	Intercropping of papaya with leafy vegetables	Kharif, 2010	Intercropping of papaya with leafy vegetables	0.1 ha	Intercropping	525 (405 + 120)	408	29	03	05	0	12	20
Mayurbhanj	Fodder Cultivation	Oat	Rabi, 2010-11	Fodder “Oat”	0.4 ha	Fodder “Oat”	237.5		New introduction	0	02	0	08	10
Mayurbhanj	INM	Brinjal	Rabi 2010-11	Application of 75 % of chemical fertilizer with 6 kg bio-fertilizer (Azotobacter, Azospirillum and PSB of 2 kg each)	1.0 ha	INM	285.4	180.0	58.5	01	0	0	09	10
Mayurbhanj	Varietal substitution	Banana	Rabi 2010-11	Tissue culture Banana var. “Bantala”	0.2 ha	Tissue culture of “Bantala”				0	01	0	04	05
Mayurbhanj	Varietal substitution	Cow pea	Rabi 2010-11	Variety “Utkal Manika”	0.4 ha	Utkal Manika	Continuing			01	07	0	0	08

Mayurbhanj	IPM	Chilli	Rabi 2010-11	Alternate spraying with Thiomethoxam @250g and Abamectin @ 375 ml/ha	1.0 ha	Sucking pest management in chilli	Continuing			0	03	0	07	10
Mayurbhanj	IDM	Banana	Rabi 2010-11	Soil application with 250 kg FYM fortified with <i>Trichoderma viridae</i> per ha and 3 – 4 sprayings of Bavistin + Mancozeb @ 1kg/ha	1.0 ha	IDM in banana	Continuing			0	06	0	04	10
Mayurbhanj	Improved back yard poultry rearing	Poultry	Year round	Improved backyard poultry breed “Banaraja”	12 nos	Improved back yard poultry rearing	-	-	-	02	07	0	03	12
Mayurbhanj	Mushroom production	Mushroom	Rabi, 2010-11	Production of <i>Volvariella volvacea</i> in winter under low cost polyhouse	03 nos	Production of <i>Volvariella volvacea</i> in winter under low cost polyhouse	0.8 kg/bed	1.6 kg/bed (oyster)		0	0	01	02	03
Mayurbhanj	Location specific drudgery reduction	Wheel finger weeder	Rabi, 2010-11	Wheel finger weeder in groundnut at 20 – 25 DAS	10 nos	Drudgery reduction				02	0	0	08	10
Mayurbhanj	Location specific drudgery reduction	Power operated paddy thresher	Rabi, 2010-11	Power operated paddy thresher	05 nos	Drudgery reduction				0	0	0	05	05

3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
Mayurbhanj	Paddy	Cultivation of medium duration paddy variety “Ranidhan”	No. of panicles/hill	13.1	10.2	20000	19500	51000	46000	31000	26500	2.55	2.36
			No. of Hills/m ²	41	42								
			No. of Grains/panicle	195	177								
Mayurbhanj	Paddy	Cultivation of medium duration paddy variety “Manaswini”	No. of panicles/hill	8.84	7.72	18000	18000	52600	46800	34600	28800	2.92	2.60
			No. of Hills/m ²	35.8	36.4								
			No. of Grains/panicle	152.4	144.4								
Mayurbhanj	Paddy	Application of Chemical herbicide “Butachlor” in transplanted Paddy	Weed Count / m ² (30 DAT)	02	08	19000	20000	54600	45700	35600	25700	2.87	2.28
			Weed Count / m ² (60 DAT)	07	13								
Mayurbhanj	Elephant foot yam	Varietal substitution	Acridity	Absent	Present	58000	48000	176320	124000	118320	76000	3.00	2.50

Mayurbhanj	Papaya	Demonstration with full package of practices	Fruits/plant	40	20	125000	85000	384372	225000	259372	140000	3.00	2.64
Mayurbhanj	Paddy	IDM	Pre and post-emergence rot (%)	02	11	20500	19500	48200	44600	27700	25100	2.35	2.28
			Blast severity (%)	05	20								
			Sheath blight severity (%)	0	05								
Mayurbhanj	Okra	IPM	Shoot-borer incidence (%)	03	26	29750	27000	90500	55500	60750	28500	3.04	2.05
			Fruit-borer incidence (%)	05	32								
			Sucking pest severity (%)	05	25								
Mayurbhanj	Papaya + Leafy vegetables	Intercropping of papaya with leafy vegetables				137700	115000	343500	282100	205800	167100	2.50	2.45
Mayurbhanj	Oat	Cultivation of Fodder "Oat"				5500		21375		15875		3.88	
Mayurbhanj	Brinjal	Application of 75 % of chemical fertilizer with 6 kg bio-fertilizer (Azotobacter, Azospirillum and PSB of 2 kg each)	Fruits/plant	40	35	55000	40000	142700	90000	87700	50000	2.59	2.25
			Fruits size (gm)	250	150								
Mayurbhanj	Banana	Varietal substitution with Tissue culture Banana var. "Bantala"											
Mayurbhanj	Cow pea	Varietal substitution with cow pea var. "Utkal Manika"	Days to first flowering (Nos.)	25	35								
			No. of fruits/duster (Nos.)	15	07								
			Seeds/pod (Nos.)	08	12								
Mayurbhanj	Chilli	Alternate spraying with Thiomethoxam @250g and Abamectin @ 375 ml/ha	Leaf Curling (%)	05	25								
			No. of insects/leaf	01	05								
Mayurbhanj	Banana	Soil application with 250 kg FYM fortified with <i>Trichoderma viridae</i> per ha and 3 – 4 sprayings of Bavistin + Mancozeb @ 1kg/ha	Wilt incidence (%)										
			Leaf Blight Severity (%)										

Mayurbhanj	Improved back yard poultry	Rearing of Improved backyard poultry breed “Banaraja”	Body weight in 5 months (Kg)	3.76 (male) 3.13 (female)	1.1 (male) 0.86 (female)	405	180	920	302	515	122	2.25	1.60
			Days at first egg production	172	240								
			Total egg production per year	165	20								
Mayurbhanj	Mushroom production	Production of <i>Vulverella volvacea</i> in winter under low cost polyhouse	Farmer's practice (Oyster)	1.6 kg		6000	4500	22500	13500	16500	9000	3.75	3.10
			Recommended practice (paddy straw mushroom)	0.8 kg									
Mayurbhanj	Wheel finger weeder	Use of wheel finger weeder in groundnut at 20 – 25 DAS	Weeding capacity (ha./hr.)	0.012	0.0029								
			Working heart rate (beats/min.)	123	101								
			Weeding efficiency (%)	87	100								
			Cardiac cost (beats/m ²)	16.5	27.4								
			Saving in cardiac cost	39.78 %									
Mayurbhanj	Power operated paddy thresher	Use of power operated paddy thresher	Output (q/hr.)	1.45	0.38								
			Threshing efficiency(%)	96.8	92.6								
			Heart rate during work (beats/min.)	123	110								
			Work pulse	63	34								
			Cardiac cost (beats/m ²)	27.3	53.68								
			Saving in cardiac cost (%)	49.15									
			Labour requirement (manhr/q.)	0.69	1.34								
			Cost of operation/q.	48.56	18.55								
			Production/unit/q/ha.	30	30								

3.4 Feedback of the Farmers

Name of KVK	Feedback
Mayurbhanj	<p>Paddy</p> <ul style="list-style-type: none"> • Milling percentage and head rice recovery of hybrid paddy is not satisfactory • Cooking quality of hybrid is not appreciated by the rural people.
	<p>Elephant foot yam</p> <ul style="list-style-type: none"> • Suitable for consumption purpose • Marketability if very good because the absence of acidity • Unavailability of planting material in the local market is a major constraint
	<p>Papaya</p> <ul style="list-style-type: none"> • Flowering appeared in five months due to judicious application of fertilizer • Farmers are willing to adopt the technology as yield is increased by 70% over local variety • Additional income is generated from the inter row space of papaya by growing leafy vegetables
	<p>Brinjal</p> <ul style="list-style-type: none"> • Nos. of fruits, fruit size, fruit weight improved after application of recommended dose of fertilizer • Farmers are willing to accept the technology as yield is increased by 58% over local
	<p>Cowpea</p> <ul style="list-style-type: none"> • The variety Utkal Manik is tolerant to YMV. • Fruit size is smaller as compared to local variety • Less no. of pods/fruit and more no. of fruits/duster • Grown all round the year • No. of pods/fruits should be increased
	<p>Improved backyard poultry</p> <ul style="list-style-type: none"> • The breeds like Banaraja, Gram priya are voracious eater, so affect the backyard horticultural crops • The market network is to be improved.
	<p>Production of paddy straw mushroom in winter under low cost poly house</p> <ul style="list-style-type: none"> • The productivity drastically reduces in heavy winter condition.
	<ul style="list-style-type: none"> • The operator sometimes experiences choking hazards

3.5 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Mayurbhanj	Paddy	Field days	03	150	
		Farmers Training			
		Media coverage			
		Training for extension functionaries	01	27	
Mayurbhanj	Vegetable	Field days	02	100	
		Farmers Training			
		Media coverage			
		Training for extension functionaries	01	19	
Mayurbhanj	Groundnut	Field days	01	50	
		Farmers Training	01	25	
		Media coverage			
		Training for extension functionaries			
Mayurbhanj	Green gram	Field days	01	50	
		Farmers Training	01	25	
		Media coverage			
		Training for extension functionaries			
Mayurbhanj	Poultry	Field days	01	50	
		Farmers Training	01	25	
		Media coverage			
		Training for extension functionaries			
Mayurbhanj	Use of wheel finger weeder	Field days			
		Farmers Training	01	25	
		Media coverage			
		Training for extension functionaries			
Mayurbhanj	Paddy straw mushroom	Field days			
		Farmers Training	01	25	
		Media coverage			
		Training for extension functionaries			
Mayurbhanj	Elephant foot yam	Field day	01	50	
Mayurbhanj	Papaya	Field day	01	50	

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	Integrated Weed management in Paddy	01	01	0	0	0	0	11	14	0	0
Mayurbhanj	FW	OFC	CRP	Soil Moisture Conservation Techniques	01	01	03	0	0	0	05	12	0	0
Mayurbhanj	FW	ONC	CRP	SRI Method of Cultivation	01	02	04	0	0	0	18	0	0	0
Mayurbhanj	FW	OFC	CRP	Production Technology for Kharif Arhar	01	01	05	0	05	0	15	0	0	0
Mayurbhanj	FW	OFC	CRP	Production Technology for Rabi Groundnut	01	01	12	0	0	0	13	0	0	0
Mayurbhanj	FW	OFC	CRP	Phospho-composting	01	01	0	0	0	0	25	0	0	0
Mayurbhanj	FW	OFC	CRP	Production of different types of compost at backyard	01	01	06	0	15	0	04	0	0	0
Mayurbhanj	FW	OFC	CRP	Scientific cultivation of Groundnut	02	02	34	14	0	0	02	0	0	0
Mayurbhanj	FW	OFC	CRP	Scientific cultivation of Green gram	02	02	0	0	0	0	41	09	0	0
Mayurbhanj	FW	ONC	PLP	Management of Pests in Paddy by Integrated Methods	01	02	0	0	0	0	12	13	0	0
Mayurbhanj	FW	OFC	PLP	Management of Fruit-borer and Sucking pests in Okra	01	01	02	0	0	0	11	12	0	0
Mayurbhanj	FW	OFC	PLP	Management of Diseases in Paddy by Integrated Methods	01	01	0	0	01	0	20	04	0	0
Mayurbhanj	FW	ONC	PLP	Use of Bio-pesticides in Controlling Pests and Diseases of Vegetables and Field Crops	01	02	11	02	04	03	05	0	0	0
Mayurbhanj	FW	OFC	PLP	Management of sucking Pests in Solanaceous Vegetables	01	01	09	0	01	0	15	0	0	0
Mayurbhanj	FW	OFC	PLP	Application of <i>Trichoderma viridae</i> in Vegetable Crops	01	02	15	0	0	0	10	0	0	0
Mayurbhanj	FW	OFC	PLP	Management of Fruit-fly and Other Insects in Pumpkin	01	01	20	0	0	0	05	0	0	0
Mayurbhanj	FW	OFC	PLP	Management of Fruit and Shoot-borer in Brinjal by Bio-control Methods	01	01	0	0	0	0	25	0	0	0
Mayurbhanj	FW	OFC	PLP	Management of Damping-off of Vegetable Seedlings in Nursery	01	01	23	0	02	0	0	0	0	0
Mayurbhanj	FW	OFC	PLP	Management of Various Diseases in Fruit Crops	01	01	11	0	10	0	04	0	0	0
Mayurbhanj	FW	OFC	PLP	Production of Neem Oil Cake and Panchagabya	01	01	0	0	0	0	23	02	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	IPM and IDM in Groundnut	01	01	14	08	0	0	03	0	0	0
Mayurbhanj	FW	OFC	PLP	IPM and IDM in Greengram	01	01	0	0	0	0	22	03	0	0
Mayurbhanj	FW	ONC	WOE	Cultivation of paddy straw mushroom in entrepreneurship basis	01	02	0	13	0	1	0	11	0	0
Mayurbhanj	FW	ONC	WOE	Cultivation of oyster mushroom in entrepreneurial basis	01	02	0	4	0	7	0	14	0	0
Mayurbhanj	FW	ONC	WOE	Cultivation of paddy straw mushroom in entrepreneurial basis	01	02	0	0	0	2	0	14	0	0
Mayurbhanj	FW	OFC	WOE	Preparation of value added products such as mango jelly	01	01	0	0	0	1	0	24	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	8	0	8	0	9	0	0
Mayurbhanj	FW	OFC	WOE	Preparation of low cost diet from the locally available cereals	01	01	0	20	0	2	0	3	0	0
Mayurbhanj	FW	OFC	WOE	Vaccination schedule for backyard poultry rearing	01	01	0	22	0	0	0	3	0	0
Mayurbhanj	FW	OFC	WOE	Vaccination procedure in goats for deworming	01	01	0	25	0	0	0	0	0	0
Mayurbhanj	FW	OFC	WOE	Storing technique of paddy	01	01	0	25	0	0	0	0	0	0
Mayurbhanj	FW	OFC	WOE	Weeding operations in vegetables	01	01	0	0	0	0	0	25	0	0
Mayurbhanj	FW	OFC	WOE	Use of parboiling drum for reducing drudgery	01	01	0	18	0	4	0	3	0	0
Mayurbhanj	FW	OFC	WOE	Preparation of value added products from tomato	01	01	0	13	0	6	0	6	0	0
Mayurbhanj	FW	OFC	HOF	Planting technique of Papaya	01	01	2	0	0	0	11	12	0	0
Mayurbhanj	FW	OFC	HOV	Nutrient management of brinjal & chilli	01	01	0	0	1	0	20	4	0	0
Mayurbhanj	FW	ONC	HOV	Off season vegetable cultivation	01	02	19	6	0	0	0	0	0	0
Mayurbhanj	FW	OFC	HOV	Nursery raising of vegetable crops	01	01	4	0	0	0	20	1	0	0
Mayurbhanj	FW	ONC	HOO	Cultivation of commercial flowers	01	02	13	2	3	3	4	0	0	0
Mayurbhanj	FW	OFC	HOF	Pruning and training in mango	01	01	8	0	5	0	12	0	0	0
Mayurbhanj	FW	OFC	HOV	Seed production in vegetable crops	01	02	16	0	0	0	9	0	0	0
Mayurbhanj	FW	ONC	HOF	Propagation technique of mango	01	02	0	0	0	0	25	0	0	0
Mayurbhanj	FW	OFC	HOV	Packaging and grading of vegetables	01	01	0	0	0	0	25	0	0	0
Mayurbhanj	FW	OFC	HOF	Tissue culture banana plantation	01	02	13	0	8	0	4	0	0	0
Mayurbhanj	FW	ONC	HOV	Nursery raising techniques in vegetable crops	01	02	23	0	2	0	0	0	0	0
Mayurbhanj	FW	OFC	HOV	Off season vegetable cultivation	01	01	0	0	0	0	25	0	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	IS	ONC	CRP	Contingent Measures for Backstopping the Practicing Farmers in Stress Conditions	01	02	25	02	0	0	03	0	0	0
Mayurbhanj	IS	ONC	PLP	Management of Diseases and Pests in Paddy	01	02	18	01	05	01	02	0	0	0
Mayurbhanj	IS	ONC	PLP	IPM and IDM in vegetables	01	02	09	03	02	01	03	01	0	0
Mayurbhanj	IS	ONC	CBD	Capacity Building of SHG Office bearers in Entrepreneurship Development	01	02	0	12	0	01	0	04	0	0
Mayurbhanj	IS	ONC	CBD	Technical Back-stopping of Agriculture Teachers of Tribal Schools for Promotion of Agriculture and Allied Activities	01	03	11	03	02	0	06	0	0	0
Mayurbhanj	IS	ONC	CBD	Problem Identification and Prioritization Through PRA and SWOT Analysis	01	03	16	05	0	0	0	0	0	0
Mayurbhanj	IS	ONC	WOE	Value Addition of Minor Forest Produces	01	02	0	17	0	03	0	10	0	0
Mayurbhanj	IS	ONC	HOP	Orchard Management in a Farming System	01	02	13	01	08	0	08	0	0	0
Mayurbhanj	RY	ONC	CRP	Vermicomposting Techniques	01	02	5	0	0	0	15	0	0	0
Mayurbhanj	RY	ONC	CRP	Seed Production Techniques in Paddy	01	02	9	0	5	0	6	0	0	0
Mayurbhanj	RY	ONC	CRP	Integrated Farming System	01	02	10	0	0	0	10	0	0	0
Mayurbhanj	RY	OFC	PLP	Production of Neem-Based Pesticides	01	02	0	0	0	0	25	0	0	0
Mayurbhanj	RY	ONC	PLP	Bee-Keeping	01	04	0	0	0	0	10	0	0	0
Mayurbhanj	RY	ONC	WOE	Preparation of value added minor forest products such as tamarind, pudina and anola	01	05	0	9	0	0	0	1	0	0
Mayurbhanj	RY	ONC	WOE	Preparation of value added products from Sabai grass	01	04	0	5	0	2	0	3	0	0
Mayurbhanj	RY	ONC	HOT	Post harvest technology of tuber crops	01	02	6	0	0	0	19	0	0	0
Mayurbhanj	RY	ONC	HOV	Hitech horticulture and precision farming	01	04	8	0	0	0	2	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	Vermicomposting Techniques	Enterprise	Organic Farming and Vermi-composting	02	0	0	15	0	5	0
Mayurbhanj	Seed Production Techniques in Paddy	Crop	Seed Production programme in paddy and vegetables	02	5	0	6	0	9	0
Mayurbhanj	Integrated Farming System	Crop	Integrated Farming	02	0	0	10	0	10	0
Mayurbhanj	Production of Neem-Based Pesticides	Enterprise	Production of Bio-pesticides	02	0	0	25	0	0	0
Mayurbhanj	Bee-Keeping	Enterprise	Bee-Keeping	04	0	0	10	0	0	0

Mayurbhanj	Preparation of value added minor forest products such as tamarind, pudina and anola	Enterprise	Value addition of forest products	05	0	0	0	1	0	9
Mayurbhanj	Preparation of value added products from Sabai grass	Enterprise	Value addition of Sabai grass	04	0	2	0	3	0	5
Mayurbhanj	Post harvest technology of tuber crops	Crop	Value addition of fruits and vegetables	02	0	0	19	0	6	0
Mayurbhanj	Hitech horticulture and precision farming	Enterprise	Micro irrigation and use of plastics in agriculture	04	0	0	2	0	8	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	Vermicomposting Techniques	Commercial	04	04	-
Mayurbhanj	Bee-Keeping	Commercial	10	10	45
Mayurbhanj	Preparation of value added minor forest products such as tamarind, pudina and anola	Commercial	01	01	01
Mayurbhanj	Preparation of value added products from Sabai grass	Commercial	06	06	21
Mayurbhanj	Cultivation of paddy straw mushroom in entrepreneurship basis	Commercial	18	18	65
Mayurbhanj	Cultivation of oyster mushroom in entrepreneurial basis	Domestic	15	15	85
Mayurbhanj	Preparation of value added products such as mango jelly	Domestic	06	06	-
Mayurbhanj	Laying out and planting different components of kitchen garden for a rural family for the balanced diet throughout the year	Domestic	05	05	34

Table 5.4. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Dura- tion (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		

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

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	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	Integrated Weed management in Paddy	25	25	85	46.0	54.0	46000	54000	Area expanded (ha)-150
Mayurbhanj	SRI method of cultivation	22	15	70	48.0	68.0	48000	68000	Area expanded (ha)- 1685
Mayurbhanj	Production technology for Kharif Arhar	25	40	90	6.0	13.0	30000	65000	Area expanded (ha)- 350
Mayurbhanj	Vermicomposting techniques	20	10	65	-	-	0	3000	No. of farmers adopted (no.)-175
Mayurbhanj	Contingent measures for back-stopping the practicing farmers in stress conditions	30 (IS)	50	90	-	-	-	-	
Mayurbhanj	Planting technique for Papaya	25	60	80	320	405	320000	405000	Area expanded (ha)-556
Mayurbhanj	Nutrient management of brinjal	25	45	95	180	284	90000	142000	Area expanded (ha) -253
Mayurbhanj	Off-season vegetable cultivation	25	25	70	-	-	0	200000	Area expanded (ha)-21
Mayurbhanj	Nursery raising techniques in vegetables	25	40	80	-	-	-	-	Area expanded (ha)-58
Mayurbhanj	Cultivation of commercial flowers	25	10	55	-	-	0	25000	Area expanded (ha)-06
Mayurbhanj	Pruning and training of Mango	25	35	75	-	-	-	-	Area expanded (ha)-180
Mayurbhanj	Orchard Management in a farming system	30 (IS)	55	85	-	-	-	-	
Mayurbhanj	Management of pests in paddy by integrated methods	25	35	80	48.0	52.0	48000	52000	Area expanded (ha)-864
Mayurbhanj	Management of fruit-borer and sucking pests in Okra	25	10	75	48.0	87.0	48000	87000	Area expanded (ha)-95
Mayurbhanj	Use of Bio-pesticides in controlling pests and diseases in vegetables and fruit crops	25	20	65	-	-	-	-	Area expanded (ha)-88
Mayurbhanj	Management of sucking pests in vegetable crops	25	35	75	-	-	-	-	Area expanded (ha)-268
Mayurbhanj	Management of diseases and pests in Paddy	27 (IS)	45	90	-	-	-	-	
Mayurbhanj	Laying out and planting of different component of kitchen garden	25	40	85	-	-	500	3000	Area expanded (ha)-25
Mayurbhanj	Cultivation of paddy straw mushroom in Entrepreneurship basis	25	05	65	0	1.5 kg/bed	0	12000 per month	No. of farmers adopted (no.)-65
Mayurbhanj	Preparation of low cost diet from locally available cereals	25	50	80	-	-	-	-	No. of farmers adopted (no.)-
Mayurbhanj	Vaccination schedule for rearing of backyard poultry	25	10	80	-	-	-	-	No. of farm women adopted (no.)-15
Mayurbhanj	Value addition of minor forest produces	30 (IS)	35	55	-	-	-	-	

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	10	10	126	34	250	80	19	2	On successful FLDs	Different crops and enterprises	Harvesting stage
Mayurbhanj	Kisan Mela	01	01	200	24	156	36	18	6			
Mayurbhanj	Kisan Ghosthi (krushak sathi sammelan)	01	01	30	0	20	0	08	02	KVK foundation day	Workshop on KMAS	
Mayurbhanj	Exhibition	01	01	200	24	156	36	18	6	SHG and Farmers Club Sammelan		
Mayurbhanj	Film Show	20	23	148	54	274	99					
Mayurbhanj	Method Demonstrations	0	0									
Mayurbhanj	Farmers Seminar	0	0									
Mayurbhanj	Workshop	0	02							Gender sensitization and project formulation	Gender analysis and convergence of MNREGS	
Mayurbhanj	Group meetings											
Mayurbhanj	Lectures delivered as resource persons	15	23	108	53	219	137	32	26			
Mayurbhanj	Newspaper coverage	15	19									
Mayurbhanj	Radio talks	10	12									
Mayurbhanj	TV talks	0	0									
Mayurbhanj	Popular articles	0	0									
Mayurbhanj	Extension Literature	04	04								Soil test, axial flow thresher, poly house for off-season mushroom	
Mayurbhanj	Farm advisory Services	25	32	17	01	14	0					
Mayurbhanj	Scientific visit to farmers field	200	227	975	123	1080	301					
Mayurbhanj	Farmers visit to KVK	500	612	126	13	406	67					
Mayurbhanj	Diagnostic visits	75	88	326	52	578	56					
Mayurbhanj	Exposure visits	0	12	67	26	72	41	15	08			
Mayurbhanj	Ex-trainees Sammelan	04	04	28	11	37	24					
Mayurbhanj	Soil health Camp	0	0									
Mayurbhanj	Animal Health Camp	01	01	07	0	33	0	04	0	Vaccination and health check up	Large and small animals	

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	Agri mobile clinic	0	0									
Mayurbhanj	Soil test campaigns	01	01	45	0	20	0					
Mayurbhanj	Farm Science Club conveners meet	01	01	38	07	27	28	12	02			
Mayurbhanj	Self Help Group conveners meetings	01	01	0	42	0	58	16	04			
Mayurbhanj	Mahila Mandals conveners meetings	0	0									
Mayurbhanj	Celebration of important days	02	02	30	31	20	19	03	02	1. Women in Agriculture Day 2. KVK Foundation 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	1500	1500

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Mayurbhanj	Leaflet	Soil test methods	SMS, PC	500
Mayurbhanj	Leaflet	Axial flow thresher	SMS, PC	500
Mayurbhanj	Leaflet	IPM in vegetable	SMS ,PC	500
Mayurbhanj	Leaflet	Mushroom cultivation in low cost poly house in winter	SMS, PC	500

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
Mayurbhanj	Cereals	Paddy	MTU 7029	SD	450.3	qtl	869079	In process
	Cereals	Paddy	Pratikshya	SD	150.0	qtl	289500	In process
Mayurbhanj	Fruits	Papaya	Honey Dew	PM	2410	Nos.	16870	56
Mayurbhanj	Vegetables	Chilli	Haldiakhadi	PM	4800	Nos.	960	68
Mayurbhanj	Vegetables	Brinjal	Blue star, Green Star	PM	10800	Nos.	2160	175
Mayurbhanj	Vegetables	Tomato	Best of all, Punjab Keshari	PM	11700	Nos.	3510	158
Mayurbhanj	Vegetables	Cauliflower	Barkha, Megha	PM	8100	Nos.	2430	123
Mayurbhanj	Vegetables	Cabbage	Konark, Cabbage no.139	PM	6300	Nos.	1890	128

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	07 and 12/08/2010	IInd week of December to Ist week of January	14.0	MTU 7029	SD	450.3	392000	869079	Expected
Mayurbhanj	Cereals	Paddy	03 to 05/08/2010	Ist week of December	4.0	Pratikshya	SD	150.0	112000	289500	Expected
Mayurbhanj	Pulses	Green gram	05/03/2011		2.0	PDM 139	SD		40000		Crop not harvested

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				
Mayurbhanj	BIOFERTILIZERS	12 q	2000	6000	
	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	14108	451456	564320	
Mayurbhanj	Fisheries	Indian Major Carps	Yearling	5000			

9. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Not Available

Year of establishment :

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	Apr - May	2010	Rural Agricultural Work Experience	25	11	28	
Mayurbhanj	June	2010	Capacity building of office bearers in entrepreneurship development	02	17	02	
Mayurbhanj	June	2010	Induction training of Asha	05	35	05	
Mayurbhanj	July	2010	Induction training of Asha	04	35	04	
Mayurbhanj	July	2010	Technical back-stopping of Agricultural teachers of tribal schools for promotion of Agriculture and allied activities	03	22	03	
Mayurbhanj	July	2010	Induction training of Asha	04	35	04	
Mayurbhanj	August	2010	Induction training of Asha	04	35	04	
Mayurbhanj	August	2010	Management of Diseases and Pests in Paddy	02	27	02	
Mayurbhanj	August	2010	Cultivation of Paddy straw mushroom on entrepreneurial basis	02	25	02	

Mayurbhanj	August	2010	Contingent measures for backstopping the practicing farmers in stress conditions	02	30	02	
Mayurbhanj	September	2010	Cultivation of commercial flowers	02	35	02	
Mayurbhanj	September	2010	Induction training of ASHA	03	35	03	
Mayurbhanj	September	2010	Vermi-composting technique	02	20	02	
Mayurbhanj	September	2010	Value addition of minor forest produces (IS)	02	30	02	
Mayurbhanj	September	2010	Orchard Management in a farming system	02	30	02	
Mayurbhanj	October	2010	Seed production in vegetable crops	02	25	02	
Mayurbhanj	October	2010	Value addition of minor forest produces	05	10	05	
Mayurbhanj	December	2010	Production technology of mango	02	25	02	
Mayurbhanj	December	2010	Refresher training programme on IMNCI of AWWS (1 st batch)	03	24	03	
Mayurbhanj	December	2010	Refresher training programme on IMNCI of AWWS (2 nd batch)	03	24	03	
Mayurbhanj	December	2010	Refresher training programme on IMNCI of AWWS (3 rd batch)	03	24	03	
Mayurbhanj	December	2010	High tech horticulture and precision farming	04	10	10	
Mayurbhanj	January	2011	IMNCI of AWWS	03	27	03	
	January	2011	Preparation of value added products of sabai grass	04	10	04	
Mayurbhanj	January	2011	IMNCI of AWWS	03	27	03	
Mayurbhanj	January	2011	IMNCI of AWWS	03	27	03	
Mayurbhanj	February	2011	IPM and IDM in vegetable crops	02	19	02	
Mayurbhanj	February	2011	Problem identification and prioritization through PRA and SWOT analysis	03	21	03	
Mayurbhanj	March	2011	IMNCI of AWWS	08	30	08	

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					
Mayurbhanj					
Mayurbhanj					

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Mayurbhanj	24.11.2010	19	<ol style="list-style-type: none"> 1. Stress on production of Vermicompost and green manuring for improvement of soil status. 2. Acid soil management and soil test awareness should be developed among the farmers through soil health campaign. 3. Popularization of the carp variety Jayanti Rohi to increase fish production in the district. 4. Varietal substitution of rice with more number of short duration varieties. 5. More work should be done on value addition of Mahua flowers and extraction of Tulasi oil on large scale basis. 6. Training programme should be organized for small animal rearing, fodder cultivation and value addition of milk products with the help of ARP department.

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

KVK Name	No. of messages sent	No. of beneficiary		Major recommendations
		Farmers	Ext. Pers.	
Mayurbhanj	80	100	20	<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	-	On farm testing	Mayurbhanj district	
Mayurbhanj	MNREGA	State	-	Project planning for convergence	Shamakhunta block	
Mayurbhanj	NHM					
Mayurbhanj	RKVY	State	1240000	FLD on oilseed & pulses and infrastructure like mushroom spawn unit, poly house and irrigation	Mayurbhanj district	
Mayurbhanj	DRDA	State	2000000	For construction of a well structured conference hall		
Mayurbhanj	Zila Panchayat					
Mayurbhanj	Seed village					
Mayurbhanj	NAIP					
Mayurbhanj	Climate Change					
Mayurbhanj	Others					

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Mayurbhanj	30490126394 (SBI, Shyamakhunta)	1071553	443279	Stock in hand of about 12.0 lakhs

17. Awards & Recognitions

KVK Name	Name of award / Awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Mayurbhanj	Krushak Samrat	Farmer	Mahindra Samrudhi and ZEE News	Rs 211000

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 meagre 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	‘C’	2.0	26.4
	Lalat			
	2. Greengram	‘C’	4.0	3.80
	PDM-11			
	3. Toria	‘C’	2.0	0.28
	Parbati			
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. Pratikya	‘F’	4.0	150.0

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	Dr. Gourahari Santra, Professor, CA, OUAT	10.09.2010	Celebration of Potash day
Mayurbhanj	Dr. Dinabandhu Jena, Professor & HOD, CA, OUAT	10.09.2010	Celebration of Potash day
Mayurbhanj	Dr. Bala Thirugnanasotkhy, Co-ordinator, Eastern zone, International Potash institute, Switzerland	10.09.2010	Celebration of Potash day
Mayurbhanj	Prof. D. P. Ray, Vice Chancellor, OUAT	24.11.2010	Inauguration of administrative building and SAC meeting
Mayurbhanj	Dr. S. S. Nanda, DEE, OUAT	24.11.2010	Inauguration of administrative building and SAC meeting
Mayurbhanj	All district heads	24.11.2010	Inauguration of administrative building and SAC meeting
Mayurbhanj	Mr. D. Jena, PD, DRDA and other dignitaries	25.03.2011 and 26.03.2011	Exhibition and farmers fair

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
	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 -22.03.2011 to 28.03.2011

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	440	
Mayurbhanj	Film show	04	226	
Mayurbhanj	Fair	02 days	440	
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 technology week	-	1250	
Mayurbhanj	Others			
Mayurbhanj	SHG Sammelan	01	100	
Mayurbhanj	Famers' Club convention	01	100	
Mayurbhanj	Farmers-Scientist Interaction	01	73	
Mayurbhanj	Soil test campaign	01	65	
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		

(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
Mayurbhanj			
Mayurbhanj			

(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				
Mayurbhanj				
Mayurbhanj				
Mayurbhanj				
Mayurbhanj				

(i) **Verns Produced**

Name of KVK	Verns 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
Mayurbhanj												

25. **Status of KVK Website** : Already having 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) -**