

# ANNUAL PROGRESS REPORT

[ April 2012 to March 2013 ]



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MAYURBHANJ-II, JASHIPUR**

# FORMAT 1 - GENERAL, OFT & FLDS

REPORTING PERIOD –April, 2011 to March, 2013

## Summary of achievements during the reporting period

KVK Name	Activity	Target		Achievement	
		Number of activity	Number of farmers/ beneficiaries	Number of activity	Number of farmers/ beneficiaries
Mayurbhanj-II	Total Number of Technologies Assessed/ Refined				
Mayurbhanj-II	Total Number of On-Farm Trials	8	48	8	48
Mayurbhanj-II	FLDs – Oilseeds (activity in ha)				
Mayurbhanj-II	FLDs – Pulses (activity in ha)				
Mayurbhanj-II	FLDs – Cotton (activity in ha)				
Mayurbhanj-II	FLDs – Other than Oilseed and pulse crops(activity in ha)				
Mayurbhanj-II	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	8	61	8	61
Mayurbhanj-II	Training-Farmers and farm women	29	590	29	580
Mayurbhanj-II	Training-Rural youths	4	60	4	60
Mayurbhanj-II	Training- Extension functionaries	4	40	4	40
Mayurbhanj-II	Extension Activities				
Mayurbhanj-II	Seed Production (Number of activity as seeds in quintal)				
Mayurbhanj-II	Planting material ((Number of activity as quantity of planting material in quintal)				
Mayurbhanj-II	Seedling Production (Number of activity as number of seedlings in numbers)				
Mayurbhanj-II	Sapling Production (Number of activity as number of sapling in numbers)				
Mayurbhanj-II	Other Bio- products (Vermicompost)				
Mayurbhanj-II	Live stock products (Banaraja chicks)				
Mayurbhanj-II	SAC Meeting (Date: & no. of core/official members)				
Mayurbhanj-II	Newsletters (no.)				
Mayurbhanj-II	Publication (Research papers, popular article)				
Mayurbhanj-II	Convergence programmes / Sponsored programmes				
Mayurbhanj-II	Outreach of KVK in the District (No. of blocks, no. of villages)				

# 1. GENERAL INFORMATION

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

### A. Basic Information:

Geographical Area	
Latitude	21 <sup>0</sup> 16' to 22 <sup>0</sup> 34' North
Longitude	85 <sup>0</sup> 40' to 87 <sup>0</sup> 11' East
Altitude	20m to 1165m MSL
Geographical Area	10,41,8('000 ha)
Forest area	434('000ha)
Misc & tree grooves	15('000ha)
Permanent pasture	24('000ha)
Culturable Waste	10('000ha)
Land put to non argil use	50('000ha)
Barren and uncultivable land	27('000ha)
Current fallow	65('000ha)
Other Fallow	376('000ha)
Cultivable area	441('000ha)
Net area sown	376('000ha)
Gross cropped area	440('000ha)
Annual normal rainfall	1648.2mm in 77rainy day
Temperature	Max:39° C&Min:4° C
Cultivable Land	437('000ha)
High land	43%
Medium land	28%
Low land	29%

### B. LAND UTILIZATION PATTERN

#### Agricultural

Mayurbhanj-II	Farm families	
Mayurbhanj-II	a)Small farmer	1,63,122ha
Mayurbhanj-II	b)Marginal farmer	1,34,204ha
Mayurbhanj-II	c)Big farmer	43,476ha
Mayurbhanj-II	d)Agricultural labour	2,23,601ha
Mayurbhanj-II	Major crops grown	
Mayurbhanj-II	Kharif	Paddy ,Maize, Small millet,Arhar ,Mung, Biri, cowpea ,kulthi, ground nut, niger,sweet potato, other vegetables,turmeric,ginger,mesta,
Mayurbhanj-II	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
Mayurbhanj-II	Kharif cropped area	364000ha

Mayurbhanj-II	Rabi cropped area	61,000ha
Mayurbhanj-II	Cropping intensity(%)	121
Mayurbhanj-II	Total fertilizer consumption(kg/ha)	11.98(into 1000 MT)
Mayurbhanj-II	Nitrogen	Kharif 5.94+Rabi 1.67=7.61
Mayurbhanj-II	Phosphorus	Kharif 2.19+Rabi 1.03=3.22
Mayurbhanj-II	Potash	Kharif 0.45+ Rabi0.70=1.15
Mayurbhanj-II	Per ha Fertilizer consumption(kg/ha)	
Mayurbhanj-II	Kharif	24
Mayurbhanj-II	Rabi	63.48 kg
Mayurbhanj-II	Soil type	Sandy loam, red lateritic
Mayurbhanj-II	Irrigation from different sources(in ha)	
Mayurbhanj-II	Kharif	24%
Mayurbhanj-II	Rabi	10%

**( C ) census(According to population census,2001)**

Mayurbhanj-II	Total population	2223000
Mayurbhanj-II	Male	112300
Mayurbhanj-II	Female	110000
Mayurbhanj-II	Population density per sq.km	213
Mayurbhanj-II	Literacy rate	51.91

**AGRO-ECOLOGICAL SITUATIONS**

- 1= Low Rainfall, Low Elevation-Blocks-5no  
2=Medium Rainfall, Low Elevation-Block-15no  
3=High Rainfall, Low Elevation-Block-1no  
4=Medium Rainfall, Medium Elevation-Block-5s

**C. DEMOGRAPHIC PROFILE OF THE DISTRICT**

**E. Major farming systems/enterprises (based on the analysis made by the KVK)**

Sl.No	Farming system /enterprise
1	Paddy – Mustard + Poultry
2	Paddy- Vegetables (Tomato, Brinjal, Cole crops & cucurbits)+ Sericulture
3	Paddy- pulse (Chick pea, Green gram , Black gram , Field pea etc. ) + Apiculture
4	Vegetable (Kharif Tomato, radish, Cauliflower – Vegetable (tomato, brinjal Cole crops
5	Ground nut – fallow
6	Paddy-Paddy+ Fishery+ Duckery/ Poultry
7	Paddy – Ground nut + Poultry
8	Pulses- Vegetable
9	Paddy – linseed
10	Mango + Spices ( Ginger and turmeric ) + Poultry
11	Horti – silviculture + Duckery+ Poultry
12	Niger- Fallow
13	Maize – Vegetable
14	Paddy - Wheat

15	Paddy- Mustard- Vegetable ( Tomato)
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**F. Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)**

**1.2. 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-II	Begunia	2012	Jashipur	4 k.m	1100	700
Mayurbhanj-II	Batapandugandi	2012	Jashipur	1 k.m	1000	800
Mayurbhanj-II	Matiagada	2012	Jashipur	5 k.m	800	600
Mayurbhanj-II	Badbil	2012	Jashipur	5 k.m	400	400
Mayurbhanj-II	Nebda	2012	Jashipur	7 k.m	1000	700

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

KVK Name	THRUST AREA
Mayurbhanj-II	Crop diversification and Intensification in Rainfed up lands
Mayurbhanj-II	Varietal replacement in field and vegetable crops
Mayurbhanj-II	Area and technology expansion for off- season vegetable cultivation
Mayurbhanj-II	Cultivation of more remunerative crops like onion, garlic, spices , broccoli etc.
Mayurbhanj-II	Area expansion of fruit based intercropping
Mayurbhanj-II	Soil health management through better and efficient utilization of farm residues
Mayurbhanj-II	Integrated nutrient management and correction of micronutrient deficiencies
Mayurbhanj-II	Management of problematic soil ( Acidic and Iron toxicity)
Mayurbhanj-II	Enforcement of IPM strategies in crops with particular emphasis to plant diversity , botanicals, Bio-pesticides and behavioral aspects
Mayurbhanj-II	Soil and water conservation engineering
Mayurbhanj-II	Use of drudgery reduction implements
Mayurbhanj-II	Use of micro irrigation system ( drip and sprinkler ) in orchard crop
Mayurbhanj-II	Farm mechanization

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

KVK Name	Problem identified	Methods of problem identification
Mayurbhanj-II	Low yield & high risk of upland paddy	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Low yield in medium land rice due to poor nutrient management conventional method of cultivation, deficiency in Zn & S and heavy	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit

	incident insect pest .	
Mayurbhanj-II	Low yield in maize due to conventional variety , to poor nutrient management , deficiency of Zn& P and soil acidity .	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Low yield of wheat due to poor nutrient management , soil acidity & Zn deficiency	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Low yield in arhar & chick pea due to traditional variety to poor nutrient management and high infestation of pod borer complex and wild.	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Low yield in ground nut due to use of degenerated seeds of AK12 -24 , to poor nutrient management, soil acidity ,infestation of leaf minor & PNBV virus .	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Low yield in toria due to poor nutrient management , S deficiency & heavy incidence of mustard aphid and Weber	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Low yield in off season tomato due to inappropriate variety , soil acidity , B deficiency & incidence of wilt fruit borer & leaf curl viral disease incidence	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Low yield in off season coriander due to local variety.	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Low yield in tuber crops like sweet potato , Yam & elephant foot Yam due to traditional variety & conventional management practice.	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Low yield in cabbage and cauliflower due to soil acidity , B deficiency and high infestation of DBM, collar rot and other insect pest.	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Low yield in arrow root due to conventional variety with traditional package of practice	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit

Mayurbhanj-II	Low yield and poor fruit quality in brinjal due to heavy incidence Shoot& fruit borer.	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Low yield in okra due to the incidence YMV	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Low yield in cow pea due to inappropriate variety, poor nutrient management & high incidence of YMV.	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Low level of family income & poor productivity from cross pollinated crop.	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit
Mayurbhanj-II	Lack of suitable enterprises for the farm women and low household income	Livelihood analysis, SHG meet, group discussion.
Mayurbhanj-II	Low egg production, slower growth rate and high mortality in local birds.	Problem cause analysis, discussion with FIG, interaction with line department, field visit.

Mayurbhanj-II	Irregular planting of crops in backyard restricts the throughout availability of vegetables, Malnutrition incidence among women & children, High price of vegetables.	SHG meet, Problem cause analysis, focus group discussion.
Mayurbhanj-II	Low production of fish due to stocking of small fry with dis proportionate size and ratio, no/poor supplementary feeding.	Problem cause analysis, discussion with FIG, interaction with line department, field visit.
Mayurbhanj-II	Low production of fish due to under utilization of pond carrying capacity, no pre and post pond water fertilization for pond water productivity.	Problem cause analysis, discussion with FIG, interaction with line department, field visit.
Mayurbhanj-II	Non adoption of pond based farming system for higher & sustainable return.	Problem cause analysis, discussion with FIG, interaction with line department, field visit.
Mayurbhanj-II	Labour crises, more cost of cultivation,	Interaction with line department, field visit
Mayurbhanj-II	No irrigation facilities.	Interaction with line department, field visit
Mayurbhanj-II		

## OFT (April 2012 to March 2013)

### 2.1 Basic information of the Technology taken by the KVK

KVK name	Year	Season	Category of technology (Assessment / Refinement)	OFT on crop/ Enterprise	Title of OFT	OFT ID* (to be created by the KVK)	Name of Crop/ Enterprise	No of trials		Area (ha)		Status of the OFT (Completed/ Continued/ Result awaited)
								Targeted	Achieved	Targeted	Achieved	
Mayurbhanj-II	2012	Rabi	Assessment	Maize	Assessment use of tubular maize Sheller	MAYURBHANJ1 213R01	Tubular maize Sheller	10	10	N.A	N.A	Completed
Mayurbhanj-II	2012	Rabi	Assessment	Mushroom	Assessment use of use of maize stem in oyster mushroom	MAYURBHANJ1 213R02	Pleurotus Florida (verity)	10	10	N.A	N.A	
Mayurbhanj-II	2012	Rabi	Assessment	Ground nut	Assessment use of Ground nut decodicator for drudgery reduction	MAYURBHANJ1 213R03	Ground nut decodicator	5	5	N.A	N.A	Completed
Mayurbhanj-II	2012	Kharif	Assessment	Paddy reaper	Assessment of self propelled paddy reaper	MAYURBHANJ1 213K04	Paddy reaper	5	5	1	1	Completed
Mayurbhanj-II	2012	Rabi	Assessment	Paddy drum seeder	Assessment of 8 rows paddy drum seeder	MAYURBHANJ1 213R05	Paddy drum seeder	5	5	1	1	Completed
Mayurbhanj-II	2012	Rabi	Assessment	mango	Assessment of drip irrigation with plastic mulching in mango	MAYURBHANJ1 213R06	mango	3	3	1 ha	1 ha	Continued
Mayurbhanj-II	2012	Rabi	Assessment	Power weeder	Assessment of power weeder in orchard crop	MAYURBHANJ1 213R07	Power weeder	5	5	0.8 ha	0.8ha	Result awaited
Mayurbhanj-II	2012	Rabi	Assessment	Chick pea	Assessment of tractor operated 9 rows seed drill	MAYURBHANJ1 213R08	Chick pea	5	5	1 ha	1ha	Completed

### 2.2 Details of Problems taken as OFT by the KVK

KVK name	OFT ID	Problem diagnose	Thematic area	Farmers' practice (T <sub>1</sub> )	Farming situation				Total Area of the district (in ha ) affected by the problem	Name of the block(s) under KVK where the problem occurs
					Soil type	Irrigation	Type of Cultivation (Low land/ Mid land/ Up land)	Cropping System		
Mayurbhanj-II	MAYURBHANJ1213R01	Drudgery due to manual shelling	<b>Drudgery reduction</b>	Manual shelling		Irrigated	Medium land			
Mayurbhanj-II	MAYURBHANJ1213R02	Less income of farm women in winter season due to unavailability of paddy straw mushroom.	Mushroom production	Not practicing				Backyard		
Mayurbhanj-II	MAYURBHANJ1213R03	Drudgery due to manual Threshing	Drudgery reduction	Manual threshing		Irrigated	Medium land			
Mayurbhanj-II	MAYURBHANJ1213K04	More cost of harvesting of paddy by manual	Farm mechanization	Manual harvesting by sickle	Sandy loam		Medium land	Paddy-paddy	All blocks	



Mayurbhanj-II	MAYURBHANJ1213R05	No line sowing of paddy	Farm mechanization	Manual and with out line transplanting	Sandy loam	irrigated	Medium land	Paddy-paddy		
Mayurbhanj-II	MAYURBHANJ1213R06	Water scarcity and more evaporation loss	Micro irrigation	Basin irrigation	Sandy loam	irrigated	Up land	mango		Karanjia,jashipur,
Mayurbhanj-II	MAYURBHANJ1213R07	More cost of weeding by manual	Farm mechanization	Manual weeding	Sandy loam	irrigated	Medium land	mango		Karanjia,jashipur
Mayurbhanj-II	MAYURBHANJ1213R08	More cost of line sowing by manual	Farm mechanization	Broad casting	Sandy loam	irrigated	Medium land	Paddy-chick pea		Raruan,,karanjia, jamda

### 2.3 Details of solution taken for technology assessment/refinement by the KVK

KVK Name	OFT ID No	Details of technology selected (T <sub>2</sub> )	Source of technology	Year of release of technology	If refinement in the technology, give details of refinement over recommended practices (T <sub>3</sub> )
Mayurbhanj-II	MAYURBHANJ1213R01	Use of tubular maize Sheller in maize crop.	CIAE,Bhopal	2005	No
Mayurbhanj-II	MAYURBHANJ1213R02	use of maize stem in oyster mushroom	CTMRI,OUAT	2006	-
Mayurbhanj-II	MAYURBHANJ1213R03	Use of Groundnut decorticator in groundnut crop.	CIAE,Bhopal	2005	No
Mayurbhanj-II	MAYURBHANJ1213K04	Use of self propelled paddy reaper	OUAT	2007	
Mayurbhanj-II	MAYURBHANJ1213R05	Use of 8 rows paddy drum seeder	TNAU	2005	
Mayurbhanj-II	MAYURBHANJ1213R06	Use of drip irrigation with plastic mulching in mango	WT CER,BBSR	2002	
Mayurbhanj-II	MAYURBHANJ1213R07	Use of power weeder in mango	COMMERCIAL	2007	
Mayurbhanj-II	MAYURBHANJ1213R08	Use of tractor operated 9 rows multi crop planter	TNAU	2008	

### 2.4 Performance of the technology for assessment/refinement

#### A. Production

KVK Name	OFT ID	Main Products				Bye- Product			
		Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Mayurbhanj-II	MAYURBHANJ1213R01	Q/ ha	14q/ha	24q/ ha					
Mayurbhanj-II	MAYURBHANJ1213R02	Kg/bed		1.5 kg/bed					
Mayurbhanj-II	MAYURBHANJ1213R03	Q/ ha	1 kg/ hr	50 kg/ hr					

	MAYURBHAN J1213K04	Kg/ha	<b>38.4</b>	<b>40</b>					
	MAYURBHAN J1213R05	Kg/ha	<b>36</b>	<b>36.5</b>					
	MAYURBHAN J1213R06	Kg/ha(4 year old plant)	<b>7.5</b>	<b>10.5</b>					
	MAYURBHAN J1213R07	Kg/ha(4 year old plant)	<b>10</b>	<b>10.5</b>					
	MAYURBHAN J1213R08	Kg/ha	<b>8.5</b>	<b>10.5</b>					

## B. Parameters

KVK Name	OFT ID	Observations taken on parameter 1					Observations taken on parameter 1I				
		Parameter name	Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Parameter name	Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Mayurbhanj-II	MAYURBHAN J1213R01	Heart rate	bits/min	<b>84</b>	92						
Mayurbhanj-II	MAYURBHAN J1213R02	yield	Kg / bed	-	1.5						
Mayurbhanj-II	MAYURBHAN J1213R03	Decorticating capacity	(kg/hr)	3.5	25		Heart rate	bits/min	98	88	
Mayurbhanj-II	MAYURBHAN J1213K04	Field capacity	ha/hr	0.05 (15 labour)	0.178 (one labour)						
Mayurbhanj-II	MAYURBHAN J1213R05	Field capacity	ha/hr	0.05 (15 labour)	0.13 (one labour)		No of tillers per hill	nos	15	29	
Mayurbhanj-II	MAYURBHAN J1213R06	Irrigation interval	days	3	5		Weeding cost per 100 plant	RS	990	NIL	
Mayurbhanj-II	MAYURBHAN J1213R07	Field capacity	Ha/hr	0.05	0.12		Weeding efficiency	%	95	78.5	
Mayurbhanj-II	MAYURBHAN J1213R08	Field capacity	Ha/hr	0.096	0.38		Weeding cost /ha	RS	2500	875	

## C. Economic Performance

KVK name	OFT ID	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Farm er's Practi ce (T <sub>1</sub> )	Recom mended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Farmer' s Practice (T <sub>1</sub> )	Recomm ended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Farmer' s Practice (T <sub>1</sub> )	Recomm ended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Farmer' s Practice (T <sub>1</sub> )	Recomm ended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Mayurbhanj-II	MAYURBHANJ1213R01												
Mayurbhanj-II	MAYURBHANJ1213R02												
Mayurbhanj-II	MAYURBHANJ1213R03												
Mayurbhanj-II	MAYURBHANJ1213K04	31800	29050		38500	40000		6700	10950		1.21	1.37	
Mayurbhanj-II	MAYURBHANJ1213R05	32500	26200		43800	46800		11300	20600		1.34	1.78	
Mayurbhanj-II	MAYURBHANJ1213R06	41250	38500										
Mayurbhanj-II	MAYURBHANJ1213R07	42500	40200										
Mayurbhanj-II	MAYURBHANJ1213R08	16260	13760		25500	31500		9240	17740		1.56	2.28	

## 2.5 Recommendations/message form assessed/refined technology

KVK Name	OFT ID No	Final recommendation for micro level situation	Constraints identified and feedback for research	Process of farmers participation and their reaction	Farmers feed back	Process for sensitization of the line departments for replacement of the technology			
						Workshop/ meetings	Trainings	Visits	Publications
Mayurbhanj-II	MAYURBHANJ1213R01	Work efficiency of the worker increased 1.4 times than Traditional practices.	Tubular maize Sheller is an effective tool for homestead Used.	Group meeting, observation recording	Satisfiedwith the performance of the machine	1	2	5	
Mayurbhanj-II	MAYURBHANJ1213R02	The substrate use for bed preparation was maize stalk , whose yield is equivalent to paddy straw	Farmers were satisfied by using maize stalk for cultivation oyster mushroom	Group meeting, observation recording	Farmers were satisfied by using maize stalk for cultivation oyster mushroom	1	2	5	
Mayurbhanj-II	MAYURBHANJ1213R03	Work efficiency of the worker increased	Groundnut decorticator is	Group meeting,	Satisfiedwith the performance of the machine	1	2	5	



KVK Name	OFT ID No	Farmers' name	Main Product (kg/ha)			By-Product (kg/ha)			Observations on Other Parameter					Observations on Other Parameter				
			T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>
Mayurbhanj-II																		
Mayurbhanj-II																		
Mayurbhanj-II																		
Mayurbhanj-II	MAYURBHANJ1213R02																	
Mayurbhanj-II																		
Mayurbhanj-II																		
Mayurbhanj-II																		
Mayurbhanj-II																		
Mayurbhanj-II	MAYURBHANJ1213R03																	
Mayurbhanj-II																		
Mayurbhanj-II																		
Mayurbhanj-II																		
Mayurbhanj-II																		
Mayurbhanj-II																		
Mayurbhanj-II																		
Mayurbhanj-II																		
Mayurbhanj-II	MAYURBHANJ1213K04	Jogeswar Mohanta	38.4	40.0					Field capacity	Ha/hr	0.05	0.178						
Mayurbhanj-II		Sri Chaitanya Mohanta	38.6	41.6							0.04	0.165						
Mayurbhanj-II		Sri Basudev Mohanta	39.20	40.8							0.05	0.168						
		Laxman Marandi	36.5	36.0							0.035	0.164						
		Duku Hembram	37.0	36.5							0.038	0.168						
Mayurbhanj-II	MAYURBHANJ1213R05	Ghasiram Gerei	38.90	42.2					Field capacity	Ha/hr	0.035	0.13						
Mayurbhanj-II		Khudiram Balmunch	38.5	39.8							0.028	0.17						
Mayurbhanj-II		Ghasiram Chhatat	35.6	35.0							0.034	0.12						
Mayurbhanj-II		Lalmohan Chhatar	38.2	37.8							0.038	0.15						
Mayurbhanj-II		Jayhari Naik	36.5	36.0							0.025	0.14						



KVK Name	OFT ID No	Farmers' name	Main Product (kg/ha)			By-Product (kg/ha)			Observations on Other Parameter					Observations on Other Parameter				
			T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>
Mayurbhanj-II																		

\* - Plots failed due to shortage of rains at initial stage of crop.

### 3. Achievements of Frontline Demonstrations (conducted during 1-04-2011 to 31-03-2012)

(On the basis of Soil Test based fertilizer application for Acceptability of your results)

#### 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-II							
Mayurbhanj-II							
Mayurbhanj-II							

#### 3.2 Details of FLDs implemented

KVK Name	Type (Crop/ Enterprise)	Name of Crop/ Enterprise	Category of crops*	Category of Enterprise**	Season and year	Thematic area	Area (ha) in case of crop	No. of Units, in case of Enterprise	Size of Unit in case of Enterprise	No. of farmers				
										SC	ST	OBC	Others	Total
Mayurbhanj-II	Enterprise	Poultry	Van raj	Enterprise (poultry)	Rabi-2012	Evaluation of breed	10 nos				09	11		20
Mayurbhanj-II	Enterprise	Duckling	Khaki Campbell)	Enterprise	Rabi-2012	Duckling	10 nos				03	07		10
Mayurbhanj-II	Enterprise	Mushroom	Paddy straw mushroom)	Enterprise	Summer-2013	Mushroom	10 nos				05	05		10
Mayurbhanj-II	Enterprise	Rotavator	Chick pea	Farm implement	Kharif-2012	Farm mechanization	1.5ha				3	2		5
Mayurbhanj-II	Enterprise	Pitcher irrigation	pumpkin	Farm implement	Rabi-2012	Micro irrigation	0.04 ha				3			3
Mayurbhanj-II	Enterprise	Drip with plastic mulching	lemon	enterprise	Summer-2012	Micro irrigation	0.2 ha					3		3
Mayurbhanj-II	Enterprise	Tractor drawn multicrop planter	Ground nut	Farm implement	Rabi-2012	Farm mechanization	1 ha				1	4		5
Mayurbhanj-II	Enterprise	Power weeder	Ground nut	Farm implement	Rabi-2012	Farm mechanization	1 ha				3	2		5
Mayurbhanj-II														

\* Cereal/Oilseed/Pulse/Vegetable/Fruit/Flower/Spice/Medicinal&Aromatic/Fibre/Plantation/Fodder/



\*\* Farm Implements/ Livestock Enterprises (Dairy/Buffalo/Goatery/Poultry etc.)/Mushroom/Apiary/Sericulture/Vermi-composting/Lac production etc.

### 3.3 Details of farming situation

KVK Name	Name of Crop/Enterprise	Farming situation (Rainfed/Irrigated)	Soil type	Type of Cultivation (Low land/ Mid land/ Up land)	Cropping system	Previous crops	Status of soil (kg/ha)			Sowing Time	Harvest date	Seasonal rainfall (mm)	No. of rainy days	Status of the FLD (Completed/Continued/Result awaited)
							N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O					
Mayurbhanj-II	Enterprise													
Mayurbhanj-II	Enterprise													
Mayurbhanj-II	Enterprise													
Mayurbhanj-II	Enterprise	rain fed	Sandy loam	Mid land	Paddy-chick pea	Paddy	121.2	56.3	156.6	November 1 <sup>st</sup> week	Feb-2 <sup>nd</sup> week	1648.2 mm	77	Completed
Mayurbhanj-II	Enterprise	rain fed	Clay loam	Up land	Pumpkin-fallow	fallow	120.4	25.5	296.2	December 2 <sup>nd</sup> week	March 2 <sup>nd</sup> week	1648.2 mm	77	Completed
Mayurbhanj-II	Enterprise	rain fed	Clay loam	Mid land	lemon	lemon	132	29.5	268.4	June 3 <sup>rd</sup> week	Crops in field	1648.2 mm	77	Continued
Mayurbhanj-II	Enterprise	irrigated	Sandy loam	Mid land	Paddy-groundnut	Paddy-	133.7	48.5	270.8	Feb 1 <sup>st</sup> week	Crops in field	1648.2 mm	77	Result awaited
Mayurbhanj-II	Enterprise	irrigated	Sandy loam	Mid land	Paddy-groundnut	Paddy-	131.4	33.9	245.1	Feb 1 <sup>st</sup> week	Crops in field	1648.2 mm	77	Result awaited

### 3.4 Details of Technology demonstrated

KVK Name	Name of Crop/Enterprise	Problem Identified	Detail of Farmers practice (Local Check)	Name of Technology	Detail of the technology demonstrated	Source and year of technology released	Thematic Area	Name of Variety Used	Characteristic of the variety	Source of variety and year of release	Whether assessed under OFT or not
Mayurbhanj-II	Enterprise (poultry)	Rearing of desi bird	Rearing of desi bird	Rearing of improved poultry	Van raj	CPDO Bhubaneswar	Evaluation of breed	Van raj	Increasing wt. 180 no of egg laid /year	CPDO Bhubaneswar	No
Mayurbhanj-II	Duck	Low production from single enterprise	Solo fish farming & also rearing desi duck	Rearing of improved Duck breed	Khaki Campbell	CPDO Bhubaneswar, CARRI, Chip lima, Sambalpur	Duckling	Khaki Campbell	Increasing wt. 220 no of egg laid /year	CPDO Bhubaneswar, CARRI, Chipilima, Sambalpur	No
Mayurbhanj-II	Mushroom production	Utilization paddy straw and income due to non adoption of improved technology & strain in mushroom cultivation	Not practicing	Paddy mushroom production	Growing of mushroom in bed using spawn straw wheat flour & polythin chadar	CTMRI OUAT -2004	Mushroom	Mushroom	Production 1.5 kg / bed	CTMRI OUAT -2004	No
Mayurbhanj-II	Rotavator	Soil is not well pulverized by 9 tyne cultivator	Land preparation by tractor drawn 9 tyne cultivator	Demonstration of tractor operated rotavator	Demonstration of tractor operated rotavator	OUAT,2007	Farm mechanization	rotavator	Land preparation and leveling are simultaneously done	OUAT,2007	No

<b>KVK Name</b>	<b>Name of Crop/ Enterprise</b>	<b>Problem Identified</b>	<b>Detail of Farmers practice (Local Check)</b>	<b>Name of Technology</b>	<b>Detail of the technology demonstrated</b>	<b>Source and year of technology released</b>	<b>Thematic Area</b>	<b>Name of Variety Used</b>	<b>Characteristic of the variety</b>	<b>Source of variety and year of release</b>	<b>Whether assessed under OFT or not</b>
Mayurbhanj-II	Pitcher irrigation	Water scarcity	Basin irrigation	Demonstration on use of pitcher irrigation in pumpkin	Demonstration on use of pitcher irrigation in pumpkin	OUAT,2002	Micro irrigation	Pitcher irrigation	Earthen Pitcher having small opening at the bottom	OUAT,2002	No
Mayurbhanj-II	Drip irrigation with plastic mulching	Water scarcity	Basin irrigation	Demonstration on use of drip irrigation with mulching in lemon	Demonstration on use of drip irrigation with mulching in lemon	OUAT,2007	Micro irrigation	Drip irrigation with 100 micron plastic mulching	Drip irrigation with 100 micron plastic mulching	OUAT,2007	No
Mayurbhanj-II	Multicrop planter	More cost of line sowing by manual	Sowing behind the bullock drawn plough	Demonstration on use of tractor operated multicrop planter in ground nut	Demonstration on use of tractor operated multicrop planter in ground nut	TNAU	Farm mechanization		Line sowing and soil cover is done simultaneously by the machine	TNAU,2007	No

KVK Name	Name of Crop/Enterprise	Problem Identified	Detail of Farmers practice (Local Check)	Name of Technology	Detail of the technology demonstrated	Source and year of technology released	Thematic Area	Name of Variety Used	Characteristic of the variety	Source of variety and year of release	Whether assessed under OFT or not
Mayurbhanj-II	Power weeder	More cost of weeding by manual	Weeding by trench hoe	Demonstration on use power weeder in groundnut	Demonstration on use power weeder in groundnut	commercial	Farm mechanization	Power weeder	Better perform when the weeds are in small vegetative growth	commercial	No`

### 3.5 Performance of FLD

#### A. Production

KVK Name	Name of Crop/Enterprise	Thematic Area	Variety	No. of Farmers	Area (ha)	Production (q/ha)				Increase in yield (%)		
						Demonstration			Local Check			
						Maxi	Min	Average				
1	2	3	4	5	6	7	8	9	10	11		
Mayurbhanj-II	Enterprise (poultry)	Evaluation of breed	(Van raj)	20	Backyard	M-3.6kg/4month, F-2.9kg/4month	3.4	2.7	3.5	2.8	-M-1.2Kg/4month, hF-.750gm/4month	WtM-191,F-273
Mayurbhanj-II	Duck	Dukling	(Khaki Campbell)	10	Backyard Pond	M-2.4kg/4month, F-1.4kg/4month	2.0	1.0	2.2	1.2	-M-1.2Kg/4month, hF-1kg/4month	Wt-M-83.3,F-20
Mayurbhanj-II	Mushroom production	Mushroom	Volvariella volvacea	10	Backyard	1.6Kg/bed	1.4		1.5		-	15
Mayurbhanj-II	rotavator	Farm mechanization	Chick pea	5	1.5 ha	12.5	9.5		11	9.5		15 %
Mayurbhanj-II	Pitcher irrigation	Micro irrigation	pumpkin	3	0.04 ha	110	90.5		100.25	101.5		-1.24
Mayurbhanj-II	Drip irrigation with plastic mulching	Micro irrigation	lemon	3	0.2 ha							
Mayurbhanj-II	Multicrop planter	Farm mechanization	Groundnut	5	1.5ha	11.5	9.5		10.5	10		5
Mayurbhanj-II	Power weeder	Farm mechanization	Groundnut	5	1 ha	11.2	9.4		10.8	10.5		2

### B. Other Parameters (continuation of previous table)

KVK Name	Name of Crop/Enterprise	Data on parameter in relation to technology demonstrated				Data on parameter in relation to technology demonstrated				Data on parameter in relation to technology demonstrated			
		Name of parameter	Unit	Demo	Local Check	Name of parameter	Unit	Demo	Local Check	Name of parameter	Unit	Demo	Local Check
Mayurbhanj-II		12	13	14	15	16	17	18	19	20	21	22	23
Mayurbhanj-II	Enterprise (poultry)	No. of eggs laid/2months:	nos	30	12	Growth in 6 month	kg	3.5(male) 2.8(female)	1.05 0.750				
Mayurbhanj-II	Duck	Egg laying capacity/year	nos	220	72	Body wt./yr	kg	2.2	1.8	Egg wt	gm	71	65
Mayurbhanj-II	Mushroom production	Yield per bed	kg	1.5	-								
Mayurbhanj-II	rotavator	Field capacity	Ha/hr	0.4	0.2	Pulverisation(clod size)	mm	1.2	15				
Mayurbhanj-II	Pitcher irrigation	Irrigation interval	days	7	3	Weeding cost per 100 plants	Rs	350	1250				
Mayurbhanj-II	Drip irrigation with plastic mulching	Irrigation interval	days	5	3	Weeding cost per 100 plants	Rs	nil	1005				
Mayurbhanj-II	Multicrop planter	Field capacity	Ha/hr	0.38	0.05								
Mayurbhanj-II	Power weeder	Field capacity	Ha/hr	0.13	0.0125	Weeding cost per ha	Rs	1250	3780				

### C. Economic Impact (continuation of previous table)

KVK Name	Name of Crop/Enterprise	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
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		Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check
		24	25	26	27	28	29	30	31
Mayurbhanj-II	Enterprise (poultry)	2350/20 no of bird	1400/20no of bird	8805	4480	3227	3080	3.74	3.2
Mayurbhanj-II	Duck	1160/10no of duck	850/10 no of duck	4325	2210	3165	1360	3.7	2.6
Mayurbhanj-II	Mushroom production	2650/100no of bed	-	12000	-	9350	-	4.52	-
Mayurbhanj-II	rotavator	16500	17200	26750	25800	10250	8600	1.62	1.5
Mayurbhanj-II	Pitcher irrigation	49600	47300	125000	126300	75400	79000	2.52	2.67
Mayurbhanj-II	Drip irrigation with plastic mulching	continuing							
Mayurbhanj-II	Multicrop planter	35360	36940	52500	50000	17140	13060	1.48	1.35
Mayurbhanj-II	Power weeder	33160	34940	54000	52500	20840	17560	1.62	1.50

### 3.6 Analytical Review of component demonstrations

KVK Name	Name of Crop/Enterprise	Season	Type of Demo (Full Package/Component)	Components provided by KVK	Components provided by Farmers	Farming situation	Average yield under demonstration(q/ha)	Average yield under Local check (q/ha)	Percentage increase in productivity over local check
Mayurbhanj-II	Enterprise (poultry)	Rabi-2012	component	Poultry chick	Feeding, watch and ward		3.15	0.975	223
Mayurbhanj-II	Duck	Rabi-2012	component	Duck chick	Feeding, watch and ward		1.7	1.1	54
Mayurbhanj-II	Mushroom production	Summer-2013	component	spawn	Paddy straw		150kg/ 100 bed	Not practising	

Mayurbhanj-II	rotavator	Kharif-2012	component	Rotavator	FYM, Fertilizer, seed	rain fed	11	9.5	15 %
Mayurbhanj-II	Pitcher irrigation	Rabi-2012	component	Earthen pots	FYM, Fertilizer, seed	rain fed	100.25	101.5	-1.24
Mayurbhanj-II	Drip irrigation with plastic mulching	Summer-2012	component	100 micro plastic mulching	Drip complete set	rain fed	14500 nos of lemon/ha	13780 nos of lemon/ha	5
Mayurbhanj-II	Multicrop planter	Rabi-2012	component	Multicrop planter	FYM, Fertilizer, seed	irrigated	10.5	10	5
Mayurbhanj-II	Power weeder	Summer-2012	component	Power weeder	FYM, Fertilizer, seed	irrigated	10.8	10.5	2

### 3.7 Technical Feedback on the demonstrated technologies

KVK Name	Name of Crop/Enterprise	Demonstrated Technology	Village	Block Name	Feed Back
Mayurbhanj-II	Enterprise (poultry)	Rearing of improved poultry	Begunia, Moudi, Badbil, Sanjunposi	Jashipur, Raruan	Appreciated the vanraj and inquired about the availability of breed
Mayurbhanj-II	Duck	Rearing of improved Duck breed	Begunia, Moudi, Badbil, Sanjunposi	Jashipur, Raruan	Appreciated the duckling and inquired about the availability of breed
Mayurbhanj-II	Mushroom production	Paddy mushroom production	Begunia, Moudi, Badbil, Sanjunposi	Jashipur, Raruan	Adopted by farmers/Rural youth/SHG due to low investment Very good market demand, fetches good price
Mayurbhanj-II	rotavator	Demonstration of tractor operated rotavator	Angarpada, Badbil	Jashipur	Satisfied with the performance of the machine
Mayurbhanj-II	Pitcher irrigation	Demonstration on use of pitcher irrigation in pumpkin	Begunia	Jashipur	Pitcher irrigation saves the plant with minimum water loss
Mayurbhanj-II	Drip irrigation with plastic mulching	Demonstration on use of drip irrigation with mulching in lemon	Kankada	Karanjia	100 micron black polythene protects the weed growth



Mayurbhanj-II	Multicrop planter	Demonstration on use of tractor operated multicrop planter in ground nut	Badsole,Suanpal	Jashipur	The machine performs better in well leveled field
Mayurbhanj-II	Power weeder	Demonstration on use power weeder in groundnut	Badsole,Suanpal	Jashipur	Some leaves are damaged by the machine

### 3.8 Farmers' reactions on specific technologies

KVK Name	Name of Crop/Enterprise	Demonstrated Technology	Farmers' Name	Feed Back
Mayurbhanj-II	Enterprise (poultry)	Rearing of improved poultry	Mrs.Fulsari Mohanta Sasmita Mohanta Jytansa Mohanta Sita Mohanta	Appreciated the vanraj and inquired about the availability of breed
Mayurbhanj-II	Duck	Rearing of improved Duck breed	Mrs.Jyotibala Mohanta Padmini Mohanta Manjulata Giri Sasmita Mohanta	Appreciated the duckling and inquired about the availability of breed
Mayurbhanj-II	Mushroom production	Paddy mushroom production	Mrs Chhabirani Balmunch Tapas Ranjan Panda Janaki Naik Kunti Naik	Adopted by farmers/Rural youth/SHG due to low investment Very good market demand, fetches good price
Mayurbhanj-II	rotavator	Demonstration of tractor operated rotavator	Shyam Sundar Khandei, Budhela Khandei Laxman Khandei Kiran kumar Raut Durjodhan Naik	longivity of PTO shaft is reduced due to extra side load during lifting at the corner by the rotavator
Mayurbhanj-II	Pitcher irrigation	Demonstration on use of pitcher irrigation in pumpkin	Laxman Balmunch Visma Naik Siri charan Naik	Pitcher irrigation maintains soil moisture in uniform manner
Mayurbhanj-II	Drip irrigation with plastic mulching	Demonstration on use of drip irrigation with mulching in lemon	Dukhabandhu Barik Amarendra Barik Ranjan kumar Barik	100 micron black polythene prevents weed growth
Mayurbhanj-II	Multicrop planter	Demonstration on use of tractor operated multicrop planter in ground nut	Uresan Behera Hemanta Kumar Mohanta Sarat Rout Lalchand Mohanta	Performs better in well level field

			Ghanashyam Naik	
Mayurbhanj-II	Power weeder	Demonstration on use power weeder in groundnut	Ghanashyam Naik Kisore Naik Nanda kosore Naik Laxmi dhar Mohanta Somnath Mohanta	Some weeds are left adjacent to plant

### 3.9 Extension and Training activities under FLD

KVK Name	Name of Crop/Enterprise	Activity	No. of activities organized	Number of participants	Remarks
Mayurbhanj-II	Enterprise (poultry)	Field days	1	40	
Mayurbhanj-II		Farmers Training	1	20	
Mayurbhanj-II		Media coverage			
Mayurbhanj-II		Training for extension functionaries			
Mayurbhanj-II	Duck	Field days	1	40	
Mayurbhanj-II		Farmers Training	1	20	
Mayurbhanj-II		Media coverage			
Mayurbhanj-II		Training for extension functionaries			
Mayurbhanj-II	Mushroom production	Field days			
Mayurbhanj-II		Farmers Training	1	20	
Mayurbhanj-II		Media coverage			
Mayurbhanj-II		Training for extension functionaries			



Mayurbhanj-II	rotavator	Chick pea	Demonstration of tractor operated rotavator	5	1.5	11	9.5	15							2500		
Mayurbhanj-II	Multicrop planter	Ground nut	Demonstration on use of tractor operated multicrop planter in ground nut	5	1.5	10.5	10	5		15					1890		
Mayurbhanj-II	Power weeder	Ground nut	Demonstration on use power weeder in groundnut	5	1	10.8	10.5	2		35					4410		

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

# FORMAT 2 – STAFF POSITION, TRAININGS, EXTENSION ACTIVITIES

**REPORTING PERIOD –April, 2012 to March, 2013**

## 1. Staff Position (as on 31<sup>st</sup> March 2012)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Speciali-zation	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Mayurbhanj-II	Programme Coordinator	Dr.Sunil kumar Mohapatra	Horticulture	Ph.D	Vegetable science	15,600-39,100+80000(AGP)	19810	01.09.2012	Peramanent	Other
Mayurbhanj-II	Subject Matter Specialist1	Mrs.Bidyutlata Mallick	Home Science	M.sc(H.Sc)	Nutrition	15,600-39,100+6000(AGP)	19810	18.06.2012	Peramanent	ST
Mayurbhanj-II	Subject Matter Specialist2	Er.Govinda Chandra Dhal	Agricutural Engineering	M.Tech(Agril-Engg)	Soil and water conservation Engineering	15,600-39,100+6000(AGP)	19810	11.09.2012	Peramanent	OBC
Mayurbhanj-II	Subject Matter Specialist3									
Mayurbhanj-II	Subject Matter Specialist4									
Mayurbhanj-II	Subject Matter Specialist5									
Mayurbhanj-II	Subject Matter Specialist6									
Mayurbhanj-II	Programme Assistant									
Mayurbhanj-II	Computer Programmer									
Mayurbhanj-II	Farm Manager									
Mayurbhanj-II	Accountant / superintendent									
Mayurbhanj-II	Stenographer	Mr. Sadananda Mohanta				5200 – 20,200 2400 (GP)	6430	05/07/2012	Contractual	OBC

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Speciali-zation	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/Others)
Mayurbhanj-II	Driver									
Mayurbhanj-II	Driver	Mr. Srikanta Sahoo				5200 – 20,200 1900 (GP)	5640	22/06/2012	Contractual	Others
Mayurbhanj-II	Supporting staff									
Mayurbhanj-II	Supporting staff									

## 2. 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-II	Practicing farmers and farm women	PRA Tool, Focus Group discussion, Interaction, Diagnostic visit	Begunia, Nebda	102
Mayurbhanj-II	Rural Youth	Training need assessment, Interview schedule, Questionnaire survey	Matiagad, Badbil	76
Mayurbhanj-II	Extension functionaries	Training need assessment, Interview schedule, Questionnaire survey	Matiagad, Badbil	89

### 3. TRAINING PROGRAMMES

**Table 3.1.** Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Mayurbhanj-II	FW	OFC	HOV	Improved cultivation practice of marigold	1	1	1			15		5	
Mayurbhanj-II	FW	OFC	HOV	Improved cultivation practice of cow pea	1	1	1			6		4	10
Mayurbhanj-II	FW	OFC	HOV	Improved cultivation practice of cabbage	1	1	1			14	6		
Mayurbhanj-II	FW	OFC	HOV	Improved cultivation practice of tomato	1	1	1			20			
Mayurbhanj-II	FW	OFC	HOF	Improved cultivation practices of mango	1	1	1			16	4		
Mayurbhanj-II	FW	OFC	HOF	Herbicide application in tomato	1	1	1			17	3		
Mayurbhanj-II	FW	OFC	HOF	Nursery raising techniques of vegetables	1	1	1			13	7		
Mayurbhanj-II	FW	OFC	HOF	Improved cultivation practices of okra	1	1	1			15	5		
Mayurbhanj-II	FW	OFC	HOF	Improved cultivation practices of cucumber	1	1	1			17	3		
Mayurbhanj-II	FW	OFC	WOE	Cultivation of Paddy straw mushroom	1	1	2		4		16		
Mayurbhanj-II	FW	ONC	WOE	Rearing of Van raj in backyard	1	1					4		16
Mayurbhanj-II	FW	ONC	WOE	Rearing of duck in backyard pond	1	1	1				6		14
Mayurbhanj-II	FW	OFC	WOE	Cultivation of oyster mushroom by using maize steam	1	1	1				20		
Mayurbhanj-II	FW	OFC	WOE	Preparation & Preservation of dehydrated product by using cereals	1	1	1				5		15
Mayurbhanj-II	FW	OFC	WOE	Use of drudgery reduction implement	1	1	1				20		
Mayurbhanj-II	FW	OFC	WOE	Cultivation of Pisciculture in backyard pond	1	1	1				20		
Mayurbhanj-II	FW	OFC	WOE	Preparation & Preservation of value-added product by using ber & tamarind	1	1	1				3		17
Mayurbhanj-II	FW	OFC	AEG	Use of power weeder in paddy	1	1	1	4	1	3		12	
Mayurbhanj-II	FW	OFC	AEG	Use of drip irrigation with mulching in drip irrigation in orchard crop	1	1	1			16		4	
Mayurbhanj-II	FW	OFC	AEG	Use of tractor drawn zero till seed drill	1	1	1			6		14	
Mayurbhanj-II	FW	OFC	AEG	Construction of low cost onion storage structure	1	1	1	1		7		12	
Mayurbhanj-II	FW	OFC	AEG	Use of various line sowing machines	1	1	1	12				8	

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Mayurbhanj-II	FW	OFC	AEG	Use of various rain water harvesting structures in watershed areas	1	1	1					20	
Mayurbhanj-II	FW	OFC	AEG	Multi use of power tiller	1	1	1			20			
Mayurbhanj-II	FW	OFC	AEG	Multi purpose use of tractor in agriculture sector	1	1	1			9		11	
Mayurbhanj-II	FW	OFC	AEG	Use of self propelled paddy transplanter	1	1	1			15	5		
Mayurbhanj-II	FW	OFC	AEG	Use of self propelled maize thresher	1	1	1			16		4	
Mayurbhanj-II	FW	OFC	AEG	Mechanization in horticultural plantation	1	1	1			15		5	
Mayurbhanj-II	FW	OFC	AEG	Installation and maintainence of drip irrigation system	1	1	1			16		4	
Mayurbhanj-II	RY	ONC	WOE	Preservation tech. of locally available fruits & vegetable	1	1	3				15		
Mayurbhanj-II	RY	ONC	AEG	Installation and maintenance of drip irrigation system	1	1	2	9		6			
Mayurbhanj-II	RY	ONC	AEG	Use of various modern agricultural implements	1	1	2			13		2	
Mayurbhanj-II	RY	ONC	HOF	Grafting techniques in mango	1	1	3			11		4	
Mayurbhanj-II	IS	ONC	WOE	Care of pregnant women & infant children during mal nutrition	1	1	1				4		6
Mayurbhanj-II	IS	ONC	AEG	Use of various line sowing and transplanting machines	1	1	2			6		2	2
Mayurbhanj-II	IS	ONC	AEG	Use of micro irrigation system with mulching in orchard crop	1	1	2			3		6	1
Mayurbhanj-II	IS	ONC	HOF	Production technology for vegetables.	1	1	2			6		3	1
Mayurbhanj-II													

Table 3.2. 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	
Mbj –II Jashipur	Preservation tech. of locally available fruits & vegetable	Vegetable	Value addition	5				5			

Table 3.3. Details of training programme conducted for livelihood security in rural areas by the KVKs

Name of	Training title	Self employed after training	Number of
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KVK		Type of units	Number of units	Number of persons employed	persons employed else where
Mayurbhanj-II					
Mayurbhanj-II					
Mayurbhanj-II					
Mayurbhanj-II					
Mayurbhanj-II					

**Table 3.4. Sponsored Training Programmes**

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub0theme (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.)
							Other s		SC		ST			
							M	F	M	F	M	F		
Mayurbhanj-II														

**4. 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-II	Cultivation of Paddy straw mushroom	20	28	75	100	260	2450	4206	1. 03 vilaage 2. 15 farmers, 3. 71%, change in income

Mayurbhanj-II	Rearing of Van raj in backyard	20	20	83	1.3	2.9	150	320	1.5 village 2.36 farmers 3.113% change in income
Mayurbhanj-II	Rearing of duck in backyard pond	20	21	86	1.2	2.1	145	320	1.4 villages 2.25 farmers 3.120% change in income
Mayurbhanj-II	Cultivation of oyster mushroom by using maize steam	20	15	75	85	210	2010	4015	1.3 villages 2.21 farmer 3.99% change in income
Mayurbhanj-II	Preparation & Preservation of dehydrated product by using cereals	20	25	81	-	-	1500	3015	1.6village 2.15farmer 3.101%change in income
Mayurbhanj-II	Use of drudgery reduction implement	20	22	84	-	-	2500	4800	1.5 villages 2.35 farmers 3.92 %change in income
Mayurbhanj-II	Cultivation of Pisciculture in backyard pond	20	23	76	14	17.5	9560	15400	1.5 villages 2.41 farmers 3.61 %change in income
Mayurbhanj-II	Preparation & Preservation of value-added product by using ber & tamarind	20	25	78	=	=	2100	3580	1.3 villages 2.25 farmers 3.70 %change in income
Mayurbhanj-II	Improved cultivation practice of marigold	20	29	75	56	79	22400	28600	1.2.5 ha 2.24 farmer 3.27 % change in income
Mayurbhanj-II	Improved cultivation practice of cow pea	20	25	81	54	60	38000	49600	1.village 2.farmer 3.30% change in income
Mayurbhanj-II	Improved cultivation practice of cabbage	20	25	76	139	158	22000	26400	1.24 ha 2.25 farmers 3.20 % change in income
Mayurbhanj-II	Improved cultivation practice of tomato	20	28	74	144.2	175.8	56400	66523	1.10 ha 2.15 farmer 3.17%change in income
Mayurbhanj-II	Improved cultivation practices of mango	20	23	79	65.4	85.6	34200	42300	1.15 ha 2.10 farmers 3.24 %change in income
Mayurbhanj-II	Herbicide application in tomato	20	20	85	144.2	175.8	56400	66523	1.21 ha 2.10 farmers 3.18%change in income

Mayurbhanj-II	Nursery raising techniques of vegetables	20	21	71	238.6	306.2	34265	48652	1.12 ha 2.15 farmers 3.42% change in income
Mayurbhanj-II	Improved cultivation practices of okra	20	18	74	139	158	22000	26400	1.12 ha 2.14 farmers 3.20% change in income
Mayurbhanj-II	Improved cultivation practices of cucumber	20	15	73	185.0	196.5	16254	19987	1.15 ha 2.10 farmers 3.23% change in income
Mayurbhanj-II	Use of power weeder in paddy	20	18	71	-	-	7500	9800	1.15 ha 2.12 farmers 3.30% change in income
Mayurbhanj-II	Use of drip irrigation with mulching in drip irrigation in orchard crop	20	12	45	-	-	30250	50500	1.14 ha 2.8 farmers 3.67% change in income
Mayurbhanj-II	Use of tractor drawn zero till seed drill	20	15	65	-	-	8015	9850	1.10 ha 2.5 farmer 3.23% change in income
Mayurbhanj-II	Construction of low cost onion storage structure	20	13	70	-	-	3500	5600	1.3village 2.10farmers 3.60% change in income
Mayurbhanj-II	Use of various line sowing machines	20	13	75	-	-	5750	8560	1.4village 2.8farmer 3.49% change in income
Mayurbhanj-II	Use of various rain water harvesting structures in watershed areas	20	19	87	-	-	9750	12000	1.6 village 2.150 farmers 3.23% change in income
Mayurbhanj-II	Multi use of power tiller	20	16	75	-	-	15400	25450	1.10village 2.10farmer 3.65% change in income
Mayurbhanj-II	Multi purpose use of tractor in agriculture sector	20	18	75	-	-	54200	85420	1.12village 2.12farmer 3.57% change in income
Mayurbhanj-II	Use of self propelled paddy transplanter	20	15	69	35	37.5	8500	12800	1.50 ha 2.61farmers 3.50% change in income
Mayurbhanj-II	Use of self propelled maize thresher	20	14	51	-	-	5800	7520	1.2villages 2.5farmers 3.30% change in income

Mayurbhanj-II	Mechanization in horticultural plantation	20	15	69	-	-	14200	25400	1.15 ha 2.20farmers 3.78 %change in income
Mayurbhanj-II	Installation and maintainence of drip irrigation system	20	13	58	--		25405	35425	1.15 ha 2.10farmers 3.39%change in income
Mayurbhanj-II	Preservation tech. of locally available fruits & vegetable	15	21	68	245.6	286.5	64835	78698	1.2villages 2.50farmers 3. 21%change in income
Mayurbhanj-II	Installation and maintenance of drip irrigation system	15	12	67	-	-	26405	37425	1. 10 ha 2. 12farmers 3. 41%change in income
Mayurbhanj-II	Use of various modern agricultural implements	15	15	75	-	-	2540	5400	1. 5 villages 2. 10 farmers 3. 112% change in income
Mayurbhanj-II	Grafting techniques in mango	15	25	85	35.0	42.3	43652	55987	1. 2 villages 2. 15 farmers 3. 28% change in income
Mayurbhanj-II	Care of pregnant women & infant children during mal nutrition	10	18	85	-	-	-	-	1.5 villages 2.120 farmers
Mayurbhanj-II	Use of various line sowing and transplanting machines	10	21	86	-	-	5750	8560	1.4 villages 2.7 farmers 3. 48% change in income
	Use of micro irrigation system with mulching in orchard crop	10	28	82	=	-	26405	37425	1. 3 villages 2. 7 farmers 3.41%change in income
	Production technology for vegetables.	10	24	89	245.6	286.5	64835	78698	1. 2 villages 2. 8 farmers 3. 21%change in income

## 5. 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-II	Field Day	1	1		32		8			Develop economic status	Rearing Van raj	4 month
Mayurbhanj-II	Field Day	1	1		34		6			Develop economic status	Rearing Duck ( Khaki Campbell)	4 month
Mayurbhanj-II	Field Day	1	1	5		34	1			Awareness about drip with plastic mulching in lemon	Demonstration of plastic mulching with drip in lemon	
Mayurbhanj-II	Field Day	1	1	2	3	34	1			Awareness about tractor drawn 9 rows multi crop planter for line sowing	Demonstration on use of tractor operated 9 rows multicrop planter	
Mayurbhanj-II	Field Day	1	1	16	1	19	4			Awareness about power weeder in ground nut crop	Demonstration on use of power weeder in ground nut	
Mayurbhanj-II	Field Day	1	1	9	4	27	-			To awarens about pitcher irrigation in pumpppkin	Demonstration on use of pitcher irrigation in pumpkin	
Mayurbhanj-II	Kisan mela	1	1	14	18	121	47			Mass awareness	Recent technologies in the field of agriculture and allied sector	

# FORMAT 3- MISCELLENIOUS ACTIVITY

**REPORTING PERIOD – 1<sup>st</sup> April, 2012 to 31<sup>st</sup> March, 2013**

## 1 BIO PRODUCTS

KVK Name	Major group/class	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
				No	(kg)		
Mayurbhanj-II	BIOAGENTS						
Mayurbhanj-II							
Mayurbhanj-II	BIOFERTILIZERS						
	BIO PESTICIDES						

## 2 LIVESTOCK

Name of KVK	Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Mayurbhanj-II	<b>Dairy animals</b>				
Mayurbhanj-II	Cow				
Mayurbhanj-II	Buffaloes				
Mayurbhanj-II	Calves				
Mayurbhanj-II	Others (Pl. specify)				
Mayurbhanj-II	<b>Poultry</b>				
Mayurbhanj-II	Broiler				
Mayurbhanj-II	Layers				
Mayurbhanj-II	Duals (broiler and layer)				
Mayurbhanj-II	Japanese Quail				
Mayurbhanj-II	Turkey				
Mayurbhanj-II	Emu				
Mayurbhanj-II	Duck				
Mayurbhanj-II	Others (Pl. specify)				
	Honey				
Mayurbhanj-II	<b>Piggery</b>				
Mayurbhanj-II	Piglet				

Mayurbhanj-II	Others (Pl.specify)				
Mayurbhanj-II	<b>Fisheries</b>				
Mayurbhanj-II	Indian carp				
Mayurbhanj-II					
Mayurbhanj-II					
Mayurbhanj-II					
Mayurbhanj-II	Exotic carp				
Mayurbhanj-II	Others (Pl. specify)				
Mayurbhanj-II					
Mayurbhanj-II					
Mayurbhanj-II	<b>Total</b>				

### 3 Literature Developed/Published (with full title, author & reference)

(A) KVK News Letter ((,etc.)

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Mayurbhanj-II				
Mayurbhanj-II				

(B) Literature developed/published

KVK Name	Type	Title	Authors name	Number of copies
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				

(C) Details of Electronic Media Produced

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

#### 4 Activities of Soil and Water Testing Laboratory

Status of establishment of Lab :

Year of establishment :

##### 1. List of equipments purchased with amount :

KVK Name	Name of the Equipment	Qty.	Cost
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##### 2. Details of samples analyzed so far:

KVK Name	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Mayurbhanj-II					

#### 5 Production and supply of Technological products

##### SEED AND PLANTING MATERIALS

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-II	Cereals							
Mayurbhanj-II								
Mayurbhanj-II	Pulses							
Mayurbhanj-II	Oilseeds							
Mayurbhanj-II	Fibers							
Mayurbhanj-II	Spices							
Mayurbhanj-II	Plantation crops							
Mayurbhanj-II	Floriculture							
Mayurbhanj-II	Forest species							
Mayurbhanj-II								
Mayurbhanj-II	Fruits							
Mayurbhanj-II	Ornamental crops							
Mayurbhanj-II	Vegetables							
Mayurbhanj-II	Others							
Mayurbhanj-II	Mushroom							



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
j-II	spawn							

SD – Seed; PM – Planting Material

### 6 Performance of instructional farm (Crops) including seed production (as on 31.03.2012)

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	
	Cereals	Paddy	26/06/2012	30/11/2012 (Lalat) 19/12/2012 (MTU -7029)	2.4	Lalat ( 0.6 ha) MTU -7029 ( 1.8 ha)	SD	68 qt. ( un process)	72,094		
Mayurbhanj-II	Cereals	Paddy									
Mayurbhanj-II	Cereals										
Mayurbhanj-II	Cereals										
Mayurbhanj-II	Cereals										
Mayurbhanj-II	Cereals										
Mayurbhanj-II	Pulses										
Mayurbhanj-II	Pulses										
Mayurbhanj-II	Pulses										
Mayurbhanj-II	Pulses										
Mayurbhanj-II	Pulses										
Mayurbhanj-II	Pulses										
Mayurbhanj-II	Oilseeds										
Mayurbhanj-II	Oilseeds										
Mayurbhanj-II	Oilseeds										
Mayurbhanj-II	Oilseeds										
Mayurbhanj-II	Fibers										
Mayurbhanj-II	Spices & Plantation crops										
Mayurbhanj-II	Floriculture										
Mayurbhanj-II	Fruits										
Mayurbhanj-II	Vegetables										
Mayurbhanj-II	Others (specify)										

### 7 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

KVK Name	Name of the Product	Qty (q)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
Mayurbhanj-II					
Mayurbhanj-II					

### 8 Performance of instructional farm (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-II							
Mayurbhanj-II							
Mayurbhanj-II							

### 9 Rainwater Harvesting

#### Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	No. of Courses	No of Demonstrations	Client (PF/R Y/EF)	No. of planting material produced	No of Officials/extension persons Visited	No. of farmers visitors including SC/ST			No. of SC/STParticipants			
								Male	Female	Total	Male	Female	Total	
Mayurbhanj-II														

### 10 Utilization of hostel facilities

#### Accommodation available (No. of beds) :

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-II							

### 11. Documentation of Innovative technologies at the district level :

## 12. Some importance success stories and case studies :

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

## 14. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Mane of KVK	Crops	Area (ha)	Number of beneficiaries
Mayurbhanj-II	Oilseeds		
Mayurbhanj-II	Pulses		
Mayurbhanj-II	Cereals		
Mayurbhanj-II	Vegetable crops		
Mayurbhanj-II	Tuber crops		
Mayurbhanj-II	Fruits		
Mayurbhanj-II	Spices		
Mayurbhanj-II	Cotton		
Mayurbhanj-II	<b>Total</b>		

Farmers-scientists interaction on livestock management

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

Animal health camps organised

Name of KVK	Number of camps	No.of animals	No.of farmers
Mayurbhanj-II			
Mayurbhanj-II			
Mayurbhanj-II			

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of	Number of
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			area (ha)	farmers
Mayurbhanj-II	Black Gram			
Mayurbhanj-II	Green Gram			
Mayurbhanj-II	Groundnut			
Mayurbhanj-II	Jowar			
Mayurbhanj-II	Kodo-Millet			
Mayurbhanj-II	Little-Millet			
Mayurbhanj-II	Maize			
Mayurbhanj-II	Moong			
Mayurbhanj-II	Niger			
Mayurbhanj-II	Paddy			
Mayurbhanj-II	Pigeon Pea			
Mayurbhanj-II	Sesame			
Mayurbhanj-II	Soybean			
Mayurbhanj-II	Turmeric			
Mayurbhanj-II	Urid			
Mayurbhanj-II	vegetables			
Mayurbhanj-II	Arhar			
Mayurbhanj-II	Chilli			
Mayurbhanj-II	Maize			
Mayurbhanj-II	Moong			
Mayurbhanj-II	Niger			
Mayurbhanj-II	Okra			
Mayurbhanj-II	Paddy			
Mayurbhanj-II	Pigeon Pea			
Mayurbhanj-II	Soybean			

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
<b>Seedlings</b>				
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				
Mayurbhanj-II				
<b>Saplings</b>				
Mayurbhanj-II				
Mayurbhanj-II				

**Bio-control Agents**

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

			Area (ha)	
Mayurbhanj-II	Tricho derma Viride			
Mayurbhanj-II	Ha NPV			
Mayurbhanj-II	Maxicon Beetle for Control of Parthenium			
Mayurbhanj-II	T.V.			
Mayurbhanj-II	Pheromen Trap			
Mayurbhanj-II	Neem oil			
Mayurbhanj-II	NPV-SI			
Mayurbhanj-II	Other			

**(e) Bio-Fertilizer**

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers
Mayurbhanj-II	Azotobactor			
Mayurbhanj-II	Blue green Algae			
Mayurbhanj-II	PSB			
Mayurbhanj-II	Rizobium			
Mayurbhanj-II				

**(f) Verms Produced**

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

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Mayurbhanj-II	Cultivation of fruits		
Mayurbhanj-II	Drought tolerant crop and sort duration variety		
Mayurbhanj-II	Integrated Crop Management		
Mayurbhanj-II	Irrigation Scheduling		
Mayurbhanj-II	Mechanization		
Mayurbhanj-II	Mulching		
Mayurbhanj-II	SRI		
Mayurbhanj-II	Water Management		
Mayurbhanj-II	Weed management		
Mayurbhanj-II	Direct seeding and weed management in Rice		
Mayurbhanj-II	Early & drought tolerance varieties of Maize		
Mayurbhanj-II	Dry seeded method of rice cultivation		
<b>Total</b>			

## 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-II					6	240	1	200				
Mayurbhanj-II												
Mayurbhanj-II												
<b>Total</b>												

**15. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS**

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Mayurbhanj-II	Seed treatment campaign, line sowing of field crop, animal health camp, road show on safety use of farm implements, practicing of summer ploughing, method of conservation of water, economic use of seeds and fertilizer	1	280	Mushroom production , Poultry vaccination , Value addition , use of micro irrigation system,

## 16. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Date of SAC Meeting	Number of Member Participated	Major recommendations
Mayurbhanj-II			

## 17. E-CONNECTIVITY

Name of KVK	Number and Date of Lector delivered from KVK Hub				No of lectors organized by KVK	Brief achievements	Remarks
Mayurbhanj-II	Date	No of Staff attended	No of call received from Hub	No of Call mate to Hub by KVK			
Mayurbhanj-II							

## 18. Kisan Mobile Advisory Services

Name of KVKs	Month and year of Starting	No. of SMSs sent (April 2011 –March 2012)	No. of farmers benefited	Remark (Continued/Discontinued)

## 19. Details of KVK Agro-technological Park

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

## 20. Status of KVK Website:



## 21. Important visitors to KVK

<b>Name of KVK</b>	<b>Name of Visitor</b>	<b>Date of Visit</b>	<b>Remarks</b>
Mayurbhanj-II	<b>Dr. Rabindra Kumar Raj</b> <b>Joint Director ,Directorate of Extension</b> <b>Education OUAT Bhubaneswar.</b>	<b>16.09.2012</b>	<b>Discussion regarding demarcation of</b> <b>KVK land</b>
Mayurbhanj-II	Sudarsan Mohanty,Deputy Director of Agriculture,Mayurbhanj	25.03.2013	Attended as c



Celebration of world food day



OFT on 8 rows paddy drum seeder



FLD on self propelled paddy reaper

