



ANNUAL REPORT

[PERIOD – April 2015 to March, 2016]

KVK, MAYURBHANJ-II (JASHIPUR)

ORISSA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

Contents

Sl. No.	Particular	Page No
	Instructions for Filling the Format	3
	Summary of KVK Annual Report (Quantifiable Achievement) for the year 2015-16	4-5
1	General Information	6.11
2	On Farm Testing	12-15
3	Achievements of Frontline Demonstrations	16-22
4	Documentation of the need assessment conducted by the KVK for the training programme	22
5	Training programmes	24-29
6	Extension Activities	30-32
7	Literature Developed/Published (with full title, author & reference)	33
8	Production and supply of Technological products	34
9	Activities of Soil and Water Testing Laboratory	35
10	Rainwater Harvesting	35
11	Utilization of Farmer Hostel facilities	35
12	Utilization of Staff Quarter facilities	35
13	Details of SAC Meeting	36
14	Status of Kisan Mobile Advisory	36
15	Status of Convergence with agricultural schemes	36
16.	Status of Revolving Funds	36
17.	Awards & Recognition	36
18.	Details of KVK Agro-technological Park	37
19.	Farm Innovators	37
20.	KVK interaction with progressive farmers	38
21.	Outreach of KVK	38
22.	Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize	38
23.	KVK Ring	38
24.	Important visitors to KVK	38
25.	Status of KVK Website	38
26.	Status of E-connectivity	39
27.	Status of RTI	39
28.	Status of Citizen Charter	39
29.	Attended HRD activities organized by ZPD	39
30.	Attended HRD activities organized by DES	39
31.	Attended HRD activities by KVK Staff	40
32	Agri Alert report	40
33.	Details of Technological Week Celebration	40
34.	Interventions on Drought Mitigation	40-41
35.	Proposal of NICRA	42
36.	Proposed works under NAIP	42
37.	Case study / Success Story to be developed	42-44
38.	Action Photographs	46-46

Instructions for Filling the Format

- 1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.**
- 2. Do not merge columns, rows.**
- 3. Please repeat the name of KVK in each table in the column “Name of KVK”**
- 4. Do not fill the non-numerical values in numeric field**
- 5. Do not repeat the unit while reporting data as it is already mentioned in the heading row**
- 6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit**
- 7. Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)**
- 8. Additional relevant information may be provided at the end of Format by creating heading “Additional Information”**
- 9. Also read the instructions mentioned just below the table**
- 10. Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format**
- 11. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**
- 12. Grey color cells in summary table need not to be filled.**
- 13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).
Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).
Fruits :- Mango, Guava, Custard apple, Pear etc.
Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.**

REPORTING PERIOD – April 2015 to March 2016

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2015-16

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	13	287	
	On Going OFT	-	-	
	Technologies assessed (Completed OFT)	9	108	
	Technologies refined	-	-	
	On farm trials conducted	9	108	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	13	170	
	On Going Frontline demonstrations	-	-	
	FLDs conducted on crops	1	10	
	Area under crops (ha.)	1	10	
	FLD on farm implement and tools	4	40	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	1	10	
	FLD on Fisheries - Finger lings	1	10	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	1	10	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	1	10	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	21	42	525
	Farm women	11	20	275
	Rural youth	7	14	95
	Extension personnel/ In service	4	8	65
	Vocational trainings	3	15	20
	Sponsored Training	0	0	0
	Total	46	99	980
		No. of programmes	Participants	
4	Extension Programmes	69	2221	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	88	-	
	Planting material produced (nos.)	23000	39	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	-	-	
	Milk Yield - Cow, Buffelo etc. (in liter)	-	-	
	Fish (Kg.)	-	-	
	Fingerlings (nos.)	-	-	
	Poultry-Eggs (nos.)	-	-	
	Ducks (nos.)	-	-	
	Chicks etc. (nos.)	1064	116	
7	Bio Products	Qty	Beneficiaries (nos.)	

	Bio Agents -Earth worm (Kg.)	-	-
	Trichoderma (kg.)	-	-
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	-	-
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	-	-
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)	1	1
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	5	2500
	KVK News letter	2	1000
	SAC Meetings conducted	2	42
	Soil sample tested	316	1535
	Water sample tested	-	-
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	-	-
	KVK-KMA (Message and beneficiaries)	54	4872
	Convergence programmes	-	-
	Sponsored programmes	-	-
	KVK Progressive Farmers interaction	1	35
	No. of Technology Week Celebrations	-	-
	Attended HRD activities organized by ZPD	4	2
	Attended HRD activities organized by DES	11	3
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	-	-
9	Current status of Revolving Funds (Amt. in Rs.)	Rs.1,06,382	
10		No. of blocks	No. of villages
	Outreach of KVK in the District	7	26
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)	-	5 -
12		Working (Yes/No)	No. of Update
	Status of KVK Website	Yes	3
13		Application received	Application disposed
	Status of RTI (nos.)	-	-
14		Query received	Query dissolved
	Citizen Charter (nos.)	-	-
15		Working (Yes/No)	No. of programme viewed
	E-connectivity	-	-
16		Filled	Vacant
	Staff Position	11	5
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	15	
18	Publication received from ICAR /other organization (nos.)	24	
19		Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)-	-	-

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2016

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Mayurbhanj-II	16	1	0	6	3	3	2	6	5	16	10

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of Specilization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
Mayurbhanj-II	Programme Coordinator	Vacant								
Mayurbhanj-II	Subject Matter Specialist1	Dr. Jagannath Patra	Extension Education	Ph. D	Agriculture Extension	15600-39100 AGP-.6000/-	23070		Permanent	Gen
Mayurbhanj-II	Subject Matter Specialist2	Govinda Chandra Dhal	Agriculture Engineering	M.Tech	Farm Mechanisation	15600-39100 AGP-.6000/-	19810	09.11.2009	Permanent	OBC
Mayurbhanj-II	Subject Matter Specialist3	Mrs.Bidyutlata Mallick	Home Science	M.Sc.(H.Sc.)	Food & Nutrition	15600-39100 AGP-.6000/-	19810	28.10.2009	Permanent	ST
Mayurbhanj-II	Subject Matter Specialist4	Vacant								
Mayurbhanj-II	Subject Matter Specialist5	Vacant								
Mayurbhanj-II	Subject Matter Specialist6	Vacant								
Mayurbhanj-II	Programme Assistant	Satya Niranjan Mishra	Horticulture	M. Sc. (Horticulture)	Floriculture	9300-34800 AGP-.4200/-	10560	30.07.2012	Permanent	Gen
Mayurbhanj-II	Farm Manager	Debashis Panda	Plant Protection	M.Sc.(Ag.)	Entomology	9300-34800 AGP-.4200/-	9710	03.02.2015	Permanent	Gen
Mayurbhanj-II	Computer Programmer	SK. Samsul Hoda	Computer	M.C.A.	Computer Sc.	9300-34800 AGP-.4200/-	13980	30.01.2006	Permanent	Gen
Mayurbhanj-II	Accountant / superintendent	Vacant								
Mayurbhanj-II	Stenographer	Sadananda Mohanta		B.Sc.		5200-20200 AGP-2400/-	7560	16.10.2006	Permanent	OBC
Mayurbhanj-II	Driver	Srikanta Sahoo		7 th		5200-20200 AGP-1900/-	7130	28.07.2007	Permanent	Gen
Mayurbhanj-II	Driver	Sansaya Nayak		Matric		5200-20200 AGP-1900	6600			
Mayurbhanj-II	Supporting staff	Bararam Barik		7 th		4750-14680 AGP-1500/-	4940	24.11.2014	Permanent	OBC
Mayurbhanj-II	Supporting staff	Laxman Nayak		7 th		4750-14680 AGP-1500/-	4940	01.01.2015	Permanent	ST

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

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Mayurbhanj-II	North Central Table Zone	12	137	10,26,210	48.88	6,65,773	1,10,496	0.92 ha.

A. Basic Information:

Geographical Area	
Latitude	21°16' to 22°34' North
Longitude	85°40' to 87°11' East
Altitude	20m to 1165m MSL
Geographical Area	10,41,8('000 ha)
Forest area	439('000ha)
Misc & tree grooves	41('000ha)
Permanent pasture	28('000ha)
Culturable Waste	10('000ha)
Land put to non argil use	58('000ha)
Barren and uncultivable land	16('000ha)
Current fallow	98('000ha)
Other Fallow	13('000ha)
Net area sown	339('000ha)
Gross cropped area	440('000ha)
Annual normal rainfall	1600.6mm in 77.3rainy 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

Agriculture

Mayurbhanj-II	Farm families	357627 ha(389981 nos)
Mayurbhanj-II	a)Small farmer	1,06,723ha(61526 nos)
Mayurbhanj-II	b)Marginal farmer	1,73,331ha(307767 nos)
	Average size of holding	0.92 ha
Mayurbhanj-II	d)Agricultural labour	145285 nos
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	403.18 thousand ha
Mayurbhanj-II	Rabi cropped area	78.09 thousand ha
Mayurbhanj-II	Grossed crop area	500.86 thousand ha
Mayurbhanj-II	Cultivated area	437 thousand ha
Mayurbhanj-II	Net irrigated area	53.45 thousand ha
Mayurbhanj-II	Gross irrigated area	173.09 thousand ha
Mayurbhanj-II	Kharif paddy area	284.96 thousand ha
Mayurbhanj-II	Cropping intensity(%)	137
Mayurbhanj-II	Per ha Fertilizer consumption(kg/ha)	36.37
Mayurbhanj-II	Kharif	24
Mayurbhanj-II	Rabi	63.48 kg
Mayurbhanj-II	Soil type	Sandy loam, red lateritic
Mayurbhanj-II	Kharif	24%
Mayurbhanj-II	Rabi	10%

C. DEMOGRAPHIC PROFILE OF THE DISTRICT

CENSUS (According to population census,2011)

Mayurbhanj-II	Total population	2,519,738
Mayurbhanj-II	Male	1,256,213
Mayurbhanj-II	Female	1,263,525
Mayurbhanj-II	Population density per sq.km	241
Mayurbhanj-II	Literacy rate	63.98%
Mayurbhanj-II	Sex ratio	1006
Mayurbhanj-II	Scheduled caste	184682
Mayurbhanj-II	Scheduled caste (male)	92127
Mayurbhanj-II	Scheduled caste (female)	9255
Mayurbhanj-II	Scheduled tribe	1479576
Mayurbhanj-II	Scheduled tribe(male)	730487
Mayurbhanj-II	Scheduled tribe(female)	749089

AGRO-ECOLOGICAL SITUATIONS

1= Low Rainfall, Low Elevation

2=Medium Rainfall, Low Elevation

3=Medium Rainfall, Medium Elevation

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

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

12	Maize – Vegetable+ Poultry
13	Pigeon pea-fallow+ Poultry
14	Paddy – Wheat + goatery
15	Paddy- Mustard- Vegetable + Poultry + goatery
16	Paddy-chickpea-vegetables+ Poultry

1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2014 to 31.3.2015 (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	Chheliaposi	2013	Jasipur	12	370	60
Mayurbhanj-II	Moudi	2013	Jasipur	16	1384	250
Mayurbhanj-II	Badasola	2014	Jasipur	17	225	40

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

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

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Mayurbhanj-II	Low yield & high risk in upland paddy	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit	Badasole, Moudi and Begunia village of Jashipur block
Mayurbhanj-II	Low yield in medium land rice due to poor nutrient management, conventional method of cultivation, deficiency in Zn and S and heavy incidence of insect pest.	PRA survey, Problem cause analysis, interaction with line department	Badasole, Moudi and Begunia village of Jashipur block
Mayurbhanj-II	Low yield in maize due to conventional variety, poor nutrient management, deficiency of Zn and B & soil acidity	PRA survey, Problem cause analysis, interaction with line department, soil test report	Badasole, Moudi and Begunia village of Jashipur block
Mayurbhanj-II	Low yield in arhar and chick pea due to traditional variety, poor nutrient management and high infestation of pod borer complex and wilt.	PRA survey, Problem cause analysis, interaction with line department, field visit	Badasole, Moudi and Begunia village of Jashipur block
Mayurbhanj-II	Low yield in off season tomato due to inappropriate variety, soil acidity, B deficiency and incidence of wilt, fruit borer and leaf curl viral disease incidence.	Problem cause analysis, focus group discussion, field visit	Kaliani, Durdura village of Jashipur block, Pantho village of Karanjia block
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.	Problem cause analysis, focus group discussion, interaction with line department, field visit	Kaliani, Kashipal village of Jashipur block, Pantho, Pichhili village of Karanjia block
Mayurbhanj-II	Low yield and poor fruit quality in brinjal due to heavy incidence of Shoot & fruit borer	PRA survey, Problem cause analysis, diagnostic field visit	Badasole, Moudi and Begunia village of Jashipur block
Mayurbhanj-II	Lack of suitable enterprise for the farm women and low house hold income	PRA survey, Livelihood analysis, SHG meet, group discussion.	Badasialinai, Badasol village of Jashipur block
Mayurbhanj-II	Low egg production, slower growth rate and high mortality in local birds	PRA survey, Problem cause analysis, focus group discussion, group meeting	Badasole, Moudi and Begunia village of Jashipur block
Mayurbhanj-II	Irregular planting of crops in backyard restricts the through out availability of vegetables, Malnutrition incidence among women & children, High price of vegetables	PRA survey, SHG meet, Problem cause analysis, focus group discussion	Badasole, Moudi and Begunia village of Jashipur block
Mayurbhanj-II	Labour crisis, more cost of cultivation	PRA survey, interaction with line department, field visit	Badasole, Moudi and Begunia village of Jashipur block

2. On Farm Testing

2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	No. of trials	Results (q/ha)			Net Returns (Rs./ha)			Recommendations
										FP (T1)	RP (T2)	T3	FP (T1)	RP (T2)	T3	
Mayurbhanj-II	2015-16	Rabi	Loss due to poor quality of curd production in cauliflower	Assessment of Boron application in cauliflower	Assessment	Nutrient management	Cauliflower	Irrigated	13	280	320		1,02,200	1,37,570		
Mayurbhanj-II	2015	Kharif	High energy and labour requirement in puddling operation prior to mechanized transplanting in 10% areas and also low yield due to delay in land preparation and transplanting	Assessment of 4 row walking behind mechanical rice transplanter	Assessment	Farm mechanisation	Paddy	Rainfed	13	34.8	39.01		13,980	21,850		
Mayurbhanj-II	2015	Kharif	More time consuming and more time consuming by manual threshing of paddy	Assessment of mini tractor operated Axial flow thresher	Assessment	Farm mechanisation	Paddy	Rainfed	13	34.5	35.0		13,100	15,750		
Mayurbhanj-II	2015-16	Rabi	Labour and time consuming during sowing behind the plough	Assessment of bullock drawn plough planter for sowing chick pea	Assessment	Farm mechanisation	Chick pea	Irrigated medium land	13	8.4	9.3		11,150	16,420		
Mayurbhanj-II	2015-16	Rabi	More water loss by deep percolation and irrigation problem in undulating field	Assessment of sprinkler irrigation in chick pea crop	Assessment	Micro irrigation	Chick pea	Irrigated medium land	13	8.7	9.3		9,120	10,350		

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	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
Mayurbhanj -II	Assessment of Boron application in cauliflower	Yield (Qt/ha)	280	320	58, 800	79, 800		1, 60, 000	2,10,370		1, 01, 200	1, 30, 570		1.58	1.61	
Mayurbhanj -II	Assessment of 4 row walking behind mechanical rice transplanter	Field capacity (ha/hr)	0.0048	0.185												
		Cost of operation (Rs/ha)	3850	2380	27840	24962		41760	46812		13980	21850		1.51	1.87	
		Labour requirement(M D/ha)	28	2												
Mayurbhanj -II	Assessment of mini tractor operated Axial flow thresher	Capacity(q/day)	7.3	14.5												
		Labour requirement(MD /q)	2	0.15	28300	26750		41400	42500		13100	15750		1.46	1.58	
		Cost of Threshing(Rs/q)	210	40												
Mayurbhanj- II	Assessment of bullock drawn plough planter for sowing chick pea	Field capacity (ha/hr)	0.011	0.02												
		Labour requirement (MD/ha)	11	6	22450	20750		33600	37200		11150	16420		1.49	1.79	
		Cost of ploughing (Rs/ha)	3950	2280												
Mayurbhanj- II	Assessment of sprinkler irrigation in chick pea crop				25680	26850		34800	37200		9120	10350		1.35	1.38	

2.3 Information about Home Science OFT:

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
Mayur bhanj-II	2015	Kharif	Pulse power is costly.	Assessment of paddy mushroom cultivation using wheat bran+Rice husk as feeding material.	Assessment	Income generation activity	Use of wheat bran and rice husk as substrate in paddy straw mushroom	Yield 1.5 kg/bed of mushroom by using substrate pulse power, 1.3 kg/bed by using substrate wheat bran , 1.4 kg/bed by using wheat bran and rice husk / <i>Volvariella volvacea</i>	Homestead	13	Use of Wheatbran and rice husk in 1:1 ratio is economically viable
Mayur bhanj-II	2015	Kharif	Low milk production due to improper nutritive feeding.	Assessment of Napier grass for increasing production of milk.	Assessment	Income generation activity	Feeding hybrid napier grass for increasing milk production	Yield -100-150MT/Acre/Year, Good palatability, Crude protein-9.38,Ca-0.88,P-2.97,Oxalate-58.0	Irrigated medium land	13	Using napier grass increases milk yield of about 18%
Mayur bhanj-II	2015-16	Rabi	Low yield in pusa naragi	Assessment of marigold cultivation around the year.	Assessment	Income generation activity	Cultivation of variety Ceracole orange round the year	90-110 nos flower/plant ,orange in colour, good keeping quality , yield-150q/ha, high self life period	Irrigated medium land	13	Enhance yield of 80% over local variety, hence viable for commercial cultivation
Mayur bhanj-II	2015-16	Rabi	Low income due to low productivity of egg & high mortality.	Assessment of poultry (Rainbow Rooster) In backyard	Assessment	Income generation activity	Rearing of poultry var – Rainbow rooster	Dual purpose poultry breed , 150-200 nos egg laying/yr Body growth 3kg/yr(Male) & 2.8 kg/yr (Female)	Free range/backyard	13	High rate of egg laying capacity in free range along with body weight and suitable for commercial purpose for landless farmers.

2.3 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter																					
		Output m ² /h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input(Rs.)		Incremental income (Rs)		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Mayurbhanj-II	Assessment of paddy mushroom cultivation using wheat bran+Rice husk as feeding material.											65kg/50 no bed	70kg/50 no bed	Rs.122	Rs. 110	195	210	1.3 kg/ bed	1.4 kg/ bed	73	100	27	1.9
Mayurbhanj-II	Assessment Napier grass for increasing production of milk.											600 lit/4 month	710 lit/4 month	9300	10750	15600	18460	600 lit/4 month	710 lit/4 month	6300	7710	1410	1.7
Mayurbhanj-II	Assessment marigold cultivation around the year.											5 q/50 mt.sq	9 q/50 mt.sq	55000	82000	99000	189000	110	210	44000	107000	63000	2.3
Mayurbhanj-II	Assessment of poultry (Rainbow Rooster) In backyard											Male-1.8 kg/12 week, Female-1.4 kg/12 week	Male-2.0 kg/12 week, Female-1.6 kg/12 week	4970/10 bids	4970/10 birds	6791	8100	155 egg/yr	180 egg/yr	1821	3130	1309	1.6

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Mayurbhanj-II	Bullock drawn implements on various agricultural operations may be tested for plateau eco-system
Mayurbhanj-II	Nutrient value of all the cultivated mushrooms and indigenous edible mushrooms should be tested and recommended
Mayurbhanj-II	Effective pesticides to control fruit-fly in cucurbits and YMV in Okra should be recommended

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-II	Micro sprinkler	Micro irrigation	Demonstration on micro sprinkler irrigation for raising vegetable seedlings	Training, Field Day,	40	105	120
Mayurbhanj-II	Power weeder	Farm Mechanization	Demonstration on use of power weeder in paddy	Training, Field Day	55	120	140
Mayurbhanj-II	Zero till seed drill	Farm Mechanization	Demonstration on use of tractor drawn zero till seed drill for sowing mustard	Training, Field Day	33	110	160
Mayurbhanj-II	Power tiller drawn 4 rows seed drill	Farm Mechanization	Demonstration on use of power tiller drawn 4 rows seed drill for sowing chick pea	Training, Field Day	25	65	40
Mayurbhanj-II	Mango	Value addition	Use of sodium benzoate 2gm/kg of mango, citric acid 10ml/kg of mango in squash & acetic acid 10 ml/kg of mango in pickles	Training	45	138	-
Mayurbhanj-II	Mushroom	Income generation activity	Demonstration of Oyster Mushroom Cultivation	Training	54	121	-
Mayurbhanj-II	Paddy parboiling unit	Drudgery reduction	Demonstration on paddy parboiling unit		12	60	-
Mayurbhanj-II	Duck	Income generation activity	Demonstration of white peking in backyard pond for income generation	Training, Field Day	315	1250	-
Mayurbhanj-II	Chickpea	Crop production	Productivity enhancement of chick pea in medium land rice based cropping system		400	1650	480
Mayurbhanj-II	Poultry	Income generation Activity	Rearing of improved variety of poultry in backyard	Training	450	1950	-
Mayurbhanj-II	Duckery	Income generation Activity	Demonstration on duck breed improvement of local duck breed		455	2100	-
Mayurbhanj-II	Paddy straw mushroom	Mushroom cultivation	Demonstration on paddy straw mushroom for nutritional security	Training	120	300	-

3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/ Entreprizes	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% chang e	No. of farmers				
								FP (T1)	RP (T2)		SC	ST	Other s	General	Total
Mayurbhanj-II	2015	Kharif	Farm mechanizati on	Use of power sprayer in paddy	Power sprayer	1.2 hp petrol start, kerosene operated power sprayer	2 ha	34.1	34.7	1.0		10			10
Mayurbhanj-II	2015	Kharif	Farm mechanizati on	Power operated maize Sheller	Power operated maize sheller	Power operated maize sheller	2 ha	20.8	110	428.84		10			10
Mayurbhanj-II	2015-16	Rabi	Farm mechanizati on	Use of 11 rows of tractor drawn zero till seed drill for sowing wheat in residual moisture	Zero till seed drill	Tractor drawn zero till seed drill	2 ha	19.8	23.5	18.0		10			10
Mayurbhanj-II	2015-16	Rabi	Micro irrigation	Use of inline drip system in Tomato	Inline drip irrigation	Inline drip irrigation system	0.5 ha	250	290	16.0		10			10

3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	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	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Mayurbhanj-II	Use of power sprayer in paddy	Power sprayer	Field capacity(ha/hr)	0.158	1.23	26620	26040	40920	41640	14300	15600	1.53	1.59
			Spraying cost(Rs/ha)	2450	980								
Mayurbhanj-II	Power operated maize Sheller	Power operated maize sheller	Field capacity(Kg/hr)	20.8	110								
			Labour requirement(MD/q)	5	1	35750	33815	44250	44700	8500	10885	1.23	1.32
			Cost of operation(Rs/ha)	125	60								
Mayurbhanj-II	Use of 11 rows of tractor drawn zero till seed drill for sowing wheat in residual moisture	Zero till seed drill	Field capacity (ha/hr)	0.41	0.38	18780	20350	29700	35250	10920	14900	1.58	1.73
Mayurbhanj-II	Use of inline drip system in Tomato	Inline drip irrigation	Yield(q/ha)	250	290	78000	268000	237500	275500	159500	75000	3.04	1.02

3.4 Information about Home Science FLDs

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/Entreprises	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Mayurbhanj-II	2015	Kharif	Income generation activity	Low return from the water sources(ponds) with 6-8 months of water storing capacity	Fish production through yearling IMC	Pisciculture	IMC	Commercial pisciculture	1 ha	10
Mayurbhanj-II	2015	Kharif	Income generation activity	Non-utilization of crop bi-products	Rearing of improved duck variety Khaki Campbell in backyard pond	Duckling	Khaki Campbell		200 nos	10
Mayurbhanj-II	2015-16	Rabi	Value addition	Low income due to high production in winter and low keeping quality	Preparation of value added product like tomato puree, pickles, Sausage	Tomato	product like tomato puree, pickles, Sausage		100 kg	10
Mayurbhanj-II	2015-16	Rabi	Income generation activity	Non-utilization of crop bi-products	Oyster mushroom cultivation using different substrate like paddy straw, maize stalk, blackgram stalk, mustard stalk	Mushroom	Oyster mushroom (Pleuterus florida)		200 bottles	10

3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m ² /h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Savi ng in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2				
Mayurbhanj-II	Demonstration of Fish production through yearling of IMC by Women SHGs											14.78q/ha	29.38 q/ha	48900	54000	78600	158600	14.78q/ha	29.38 q/ha	29700	103800	74100	2.8
Mayurbhanj-II	Demonstration on rearing of duck var: Khaki campbell in backyard											Male-1.0 kg/duck/6 month	Male-2.2 kg/duck/6 month	1900	4690	3000	8000	72 eggs/yr	220 eggs/yr	1100	3310	2210	1.7
Mayurbhanj-II	Demonstration of value added product from Tomato											15 kg sauce/30 kg tomato			500		900		15 kg sauce/30 kg tomato		400		1.8
Mayurbhanj-II	Demonstration of Oyster mushroom cultivation using different substrate											80kg/ 50 bed	85kg/ 50 bed	600	400	1120	1190	1.7kg/bed (paddy straw)	1.6kg/bed (maize stalk)	590	720	130	2.8

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Mayurbhanj-II	Duckling	Field day, Training	2	75	
Mayurbhanj-II	Oyster Mushroom	Training	1	25	
Mayurbhanj-II	IMC	Training	1	25	
Mayurbhanj-II	Tomato(Value addition)	Training	1	25	
Mayurbhanj-II	Power sprayer	Training	1	25	
Mayurbhanj-II	Power operated maize sheller	Training	1	25	
Mayurbhanj-II	Zero till seed drill	Field day, Training	2	75	
Mayurbhanj-II	Inline drip irrigation	Field day, Training	2	75	

3.7 Details of FLD on crop hybrids. : NIL

S. No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Mayurbhanj-II	Demonstration of paddy straw mushroom cultivation.	FLD	Profitable and good economic return	Agree to adopt
Mayurbhanj-II	Demonstration of rearing improved duckling(white peking) in backyard pond.	FLD	Profitable and good economic return	Agree to adopt
Mayurbhanj-II	Demonstration of rearing improved poultry(vanraja) in backyard .	FLD	Profitable and good economic return	Agree to adopt
Mayurbhanj-II	Power sprayer in paddy	FLD	spraying cost paddy is minimised	In BGREI and other scheme of Govt programme use of power sprayer paddy may be adopted by farmers
Mayurbhanj-II	Power operated maize sheller	FLD	Use of power operated maize sheller reduce the cost of shelling in maize	Agree to adopt and popularize by line dept. department

Mayurbhanj-II	Tractor drawn zero till seed drill	FLD	Seed and fertilizer are simultaneously placed in proper depth in the soil	In Govt programme in the large scale line sowing of wheat by tractor drawn seed drill may be
Mayurbhanj-II	Inline drip irrigation	FLD	Reduces the use of water and controls weed	Agree to adopt
Mayurbhanj-II	Demonstration of Value added product from Tomato	FLD	It reduces loss of fruits (Tomato) .	Adopted by Farmers/ Rural youth, SHG
Mayurbhanj-II	Demonstration of Oyster Mushroom Cultivation	FLD	Profitable and good economic return	Agree to adopt
Mayurbhanj-II	Assessment of Marigold var: Ceracole for income generation	OFT	Profitable and good keeping quality	Adopted by Farmers/ Rural youth, SHG
Mayurbhanj-II	Assessment of paddy straw mushroom by using wheat bran and rice husk	OFT	Profitable and good economic return	Agree to adopt

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Mayurbhanj-II	Bullock drawn implements on various agricultural operations may be tested for plateau eco-system
Mayurbhanj-II	Nutrient value of all the cultivated mushrooms and indigenous edible mushrooms should be tested and recommended
Mayurbhanj-II	Effective pesticides to control fruitfly in cucurbits and YMV in Okra should be recommended
Mayurbhanj-II	Improved poultry breed Rainbow rooster

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-II	Practicing farmers & Farm women	PRA Tools , Focus Group Discussion , Interaction , Diagnostic visit	27.07.15 , Maudi	35
Mayurbhanj-II	Practicing farmers & Farm women	PRA Tools , Focus Group Discussion , Interaction , Diagnostic visit	12.08.15 , Begunia	21
Mayurbhanj-II	Practicing farmers & Farm women , Rural youth	PRA Tools , Focus Group Discussion , Interaction , Diagnostic visit	28.09.15 , Badasole	60

Abbreviation Used

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

5. TRAINING PROGRAMMES

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

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Mayurbhanj-II	FW	OFC	Income Generation activity	Cultivation of pisciculture in backyard pond.	1	1						25		
Mayurbhanj-II	FW	OFC	Income Generation activity	Rearing improved duckling in backyard pond.	1	1						25		
Mayurbhanj-II	FW	OFC	Income Generation activity	Cultivation practices of improved Marigold (var-ceracole)	1	2				2		19		4
Mayurbhanj-II	FW	OFC	Income Generation activity	Cultivation of paddy straw mushroom by using feeding material i.e. wheat bran with rice husk.	1	2				1		14		10
Mayurbhanj-II	FW	OFC	Income Generation activity	Cultivation practices of fodder production for improved economic status.	1	2				8		7		10
Mayurbhanj-II	FW	OFC	Nutritional security	Development of nutritional garden in backyard.	1	2					9	16		
Mayurbhanj-II	FW	OFC	Income Generation activity	Rearing rainbow rooster in backyard	1	2				25				
Mayurbhanj-II	FW	OFC	Value addition	Preservation & preparation of value added product from tomato.	1	2				9		13		3
Mayurbhanj-II	FW	OFC	Income Generation activity	Oyster mushroom cultivation by using different agricultural bio product.	1	2				21		3		1
Mayurbhanj-II	FW	OFC	Women & child care	Care of woman & children during suffering malnutrition	1	2						23		2
Mayurbhanj-II	FW	OFC	Value addition	Preservation & preparation of value added product from jack fruit & tamarind, ber.	1	2				2		23		

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Mayurbhanj-II	IS	ONC	WOE	Nutrient deficient diseases of women.	1	2				3		10		7
Mayurbhanj-II	FW	OFC	EXT	Soil Sample collection for testing	1	1					25			
Mayurbhanj-II	FW	OFC	EXT	Calculation of fertilizer doses of different crop	1	2			2	1	4	17		1
Mayurbhanj-II	FW	OFC	EXT	Acid soil management	1	2				7		14		4
Mayurbhanj-II	FW	OFC	HOV	Nutrient Management in Kharif vegetable cultivation	1	2					16	9		
Mayurbhanj-II	FW	OFC	HOF	Intercropping in Mango Orchard	1	2					5	20		
Mayurbhanj-II	FW	OFC	HOV	Nutrient Management in Solanaceous vegetable	1	2				2		20		3
Mayurbhanj-II	FW	OFC	HOT	Scientific Cultivation Practices of Tuber crop	1	2				2		11		12
Mayurbhanj-II	FW	OFC	HOO	Scientific cultivation practices of seasonal flower plants	1	2					3	22		
Mayurbhanj-II	FW	OFC	AEG	Mat nursery raising technique for paddy transplanter	1	2					18		7	
Mayurbhanj-II	FW	OFC	AEG	Use of tractor drawn zero till seed cum fertilizer drill	1	2					20		5	
Mayurbhanj-II	FW	OFC	AEG	Use of self propelled paddy transplanter	1	2					25			
Mayurbhanj-II	FW	OFC	AEG	Use of power weeder in paddy	1	2					16	9		
Mayurbhanj-II	IS	ONC	AEG	Mechanisation in paddy crop	1	2					4	1	5	
Mayurbhanj-II	FW	OFC	AEG	Use of self propelled maize thresher	1	2					25			
Mayurbhanj-II	FW	OFC	AEG	Multi use of power tiller	1	2					25			
Mayurbhanj-II	FW	OFC	AEG	Mechanisation of horticultural plantation	1	2					23		2	
Mayurbhanj-II	FW	OFC	AEG	Construction of low cost onion storage structure	1	2					25			
Mayurbhanj-II	FW	OFC	AEG	Use of tractor operated post hole digger	1	2					24	1		
Mayurbhanj-II	FW	OFC	AEG	Use of locally available mulching material with drip	1	2					25			

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				irrigation										
Mayurbhanj-II	IS	ONC	AEG	Mechanisation of horticultural plantation	1	2	1				8		11	5
Mayurbhanj-II	FW	OFC	AEG	Use of drip irrigation with mulching in orchard crop	1	2					24	1		
Mayurbhanj-II	FW	OFC	CRP	Cultivation practices of pigeon pea	1	2					21		4	
Mayurbhanj-II	FW	OFC	CRP	SRI method of rice cultivation	1	2					23		2	
Mayurbhanj-II	FW	OFC	CRP	Acid soil management	1	2					25			
Mayurbhanj-II	IS	ONC	CRP	Scientific Cultivation of Sweetcorn	1	2					2	1	6	1

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

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries								
					Gen		SC		ST		Others		
					M	F	M	F	M	F	M	F	
Mayurbhanj-II	Mushroom production	Enterprises	Income generation activity	2						15			
Mayurbhanj-II	Preparation & preservation of dehydrated product from cereals & vegetable.	Enterprises	Value addition	5				2		2			1
Mayurbhanj-II	Value addition from different vegetable & fruits.	Enterprises	Value addition	2				4		4			7
Mayurbhanj-II	IFS for enhancing income	Crop	IFS	2						8	7		
Mayurbhanj-II	Agro-based enterprises for self employment	Enterprises	Income generation activity	2						5	10		
Mayurbhanj-II	Flouriculture for employment generation	Crop	Income generation activity	2						7	8		
Mayurbhanj-II	Repair and maintenance of power tiller	Enterprise	Farm mechanisation	5						5			
Mayurbhanj-II	Repair and maintenance of irrigation pump	Enterprise	Farm mechanisation	5						9			1
Mayurbhanj-II	Operation and maintenance of paddy transplanter	Enterprise	Farm mechanisation	2						10			
Mayurbhanj-II	Operation and maintenance of tractor operated paddy thresher	Enterprise	Farm mechanisation	2						10			

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

Name of KVK	Training title	Self employed after training			Number of persons employed elsewhere
		Type of units	Number of units	Number of persons employed	

Table 5.4. Sponsored Training Programmes : NIL

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.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		

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

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.)
							Gen		Others		SC		ST			
							M	F	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-II	Cultivation of pisciculture in backyard pond.	25	15	25	14.78	29.38	78600	158600	1. 10 ha. , 2. 70 Nos. , 3. 66% ,98% , 101%
Mayurbhanj-II	Rearing improved duckling in backyard pond.	25	38	58	72 eggs/yr	220 egg/yr	3000	8000	1. -, , 2. 700 Nos. , 3. 50% ,205% , 166%
Mayurbhanj-II	Cultivation practices of improved Marigold (var-ceracole)	25	39	48	110	210	99000	189000	1. 25 ha. , 2. 210 Nos. , 3. 23% ,90% 90%
Mayurbhanj-II	Cultivation of paddy straw mushroom by using feeding material i.e. wheat bran with rice husk.	25	58	75	1.3 kg/bed	1.4 kg/bed	195/bed	210/bed	1. -, , 2. 300 Nos. , 3. 29% ,7% , 7%
Mayurbhanj-II	Cultivation practices of fodder production for improved economic status.	25	21	33	600 lit milk/4month	710 lit milk/4month	15600	18460	1.12 ha. , 2. 80 Nos. , 3. 57% , 18% , 18%
Mayurbhanj-II	Development of nutritional garden in backyard.	25	45	60	-	-	78000	120000	1.350 ha. , 2. 58 Nos. , 3. 33% , - , 53%
Mayurbhanj-II	Rearing rainbow rooster in backyard	25	51	73	155 egg/yr	180 egg/yr	6790	8100	1.- , 2. 600 Nos. , 3. 43% , - , 16%
Mayurbhanj-II	Preservation & preparation of value added product from tomato.	25	20	32	-	-	500/qtl	1500/qtl	1.- , 2. 290 Nos. , 3. 60% , - , 200%
Mayurbhanj-II	Oyster mushroom cultivation by using different agricultural bio product.	25	43	65	80 kg/50 bed	85 kg/50 bed	1120	1190	1. -, , 2. 120 Nos. , 3. 51% ,6% , 6%
Mayurbhanj-II	Care of woman & children during suffering malnutrition	25	30	50	-	-	-	-	1.- , 2. 105 Nos. , 3. 66% , - , -
Mayurbhanj-II	Preservation & preparation of value added product from jack fruit &tamarind, ber.	25	25	46	-	-	-	-	1. -, , 2. 200 Nos. , 3. 84% , - , -
Mayurbhanj-II	Soil Sample collection for testing	25	25	48	-	-	-	-	1.- , 2. 2500 Nos. , 3. 92% , - , -
Mayurbhanj-II	Calculation of fertilizer doses of different crop	25	18	32	-	-	-	-	1.- , 2. 800 Nos. , 3. 77% , - , -
Mayurbhanj-II	Acid soil management	25	22	42	-	-	-	-	1.- , 2. 2500 Nos. , 3. 90% , - , -
Mayurbhanj-II	Nutrient Management in Kharif vegetable cultivation	25	45	65	-	-	75000	135000	1.800 ha. , 2. 350 Nos. , 3. 44% , - , 80%

Mayurbhanj-II	Intercropping in Mango Orchard	25	35	85	-	-	7050	12060	1.50 ha. , 2. 100 Nos. , 3. 142% ,-, 71%
Mayurbhanj-II	Nutrient Management in Solanaceous vegetable	25	28	38	-	-	-	-	1.120 ha. , 2. 600 Nos. , 3. 35% ,-, -
Mayurbhanj-II	Scientific Cultivation Practices of Tuber crop	25	21	34	-	-	-	-	1.60 ha. , 2. 130 Nos. , 3. 61% ,-, -
Mayurbhanj-II	Scientific cultivation practices of seasonal flower plants	25	30	40	-	-	-	-	1.15 ha. , 2. 80 Nos. , 3. 33% ,-, -
Mayurbhanj-II	Mat nursery raising technique for paddy transplanter	25	20	30	28.0	35.0	10000	15000	1.800 ha. , 2. 1500 Nos. , 3.50 % ,25% , 50%
Mayurbhanj-II	Use of tractor drawn zero till seed cum fertilizer drill	25	35	48	8.3	10.9	13090	16100	1.350 ha , 2. 250 Nos. , 3. 37% ,31% , 22%
Mayurbhanj-II	Use of self propelled paddy transplanter	25	43	59	35	39.5	11500	16400	1.450 ha. , 2. 230 Nos. , 3. 37% ,12% , 42%
Mayurbhanj-II	Use of power weeder in paddy	25	35	61	32.8	35.7	12800	15300	1.110 ha. , 2. 75 Nos. , 3. 74% ,08% , 19%
Mayurbhanj-II	Mechanisation in paddy crop	25	30	58	28.5	35.4	12900	16400	1.450 ha. , 2. 250 Nos. , 3. 93% ,24%- , 27%
Mayurbhanj-II	Use of self propelled maize thresher	25	15	38	18.6	18.9	10450	17500	1.400 ha, 2.80 nos, 3.153% ,-, 81%,
Mayurbhanj-II	Multi use of power tiller	25	31	52	-	-	14800	25500	1.1500 ha, 2.600 nos, 3.67% ,-, 72%
Mayurbhanj-II	Mechanisation of horticultural plantation	25	27	48	-	-	15800	24300	1.1200 ha, 2.600 nos, 3.77% ,-, 53%
Mayurbhanj-II	Construction of low cost onion storage structure	25	31	60	120	140	30900	45200	1.45 ha, 2.100 nos, 3.93% ,16%, 46%
Mayurbhanj-II	Use of tractor operated post hole digger	25	25	39	-	-	125000	180000	1.600ha, 2.70 nos, 3.56% ,-, 44%
Mayurbhanj-II	Use of locally available mulching material with drip irrigation	25	20	35	-	-	75000	130000	1.500 ha, 2.150 nos, 3.75% ,-, 73%
Mayurbhanj-II	Use of drip irrigation with mulching in orchard crop	25	32	54	-	-	60000	145000	1.800 ha. , 2. 250 Nos. , 3. 68% ,-, 141%
Mayurbhanj-II	Cultivation practices of pigeon pea	25	29	48	8.5	11.5	34000	46000	1.1000 ha. , 2. 200 Nos. , 3.65% ,35% , 35%
Mayurbhanj-II	SRI method of rice cultivation	25	25	42	28.5	35.8	12200	15800	1.1500 ha. , 2. 500 Nos. , 3. 68% ,25% , 29%
Mayurbhanj-II	Acid soil management	25	17	29	-	-	-	-	1. 2500 ha. , 2. 2000 Nos. , 3. 70% ,-, -

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-II	Field Day	5	5	6	2	101	153	3	2	the Proven technology in the Farmers field	Rearing duckling in backyard pond , Poultry,zero till seed drill , drip irrigation in tomato	,growth stage
Mayurbhanj-II	Kisan Mela	-	-	1	1	1	1	1	1	-	-	-
Mayurbhanj-II	Kisan Ghosthi	-	-	1	1	1	1	1	1	-	-	-
Mayurbhanj-II	Exhibition	-	-	1	1	1	1	1	1	-	-	-
Mayurbhanj-II	Film Show	4	4	1	40		60	1	2	Demonstration of new technologies	Value addition	Preparation
Mayurbhanj-II	Method Demonstrations	8	8	5	5	30	40	1	1	Demonstration of new technologies in agriculture and allied sector through video programme	Farm mechanisation and Mushroom, Duckling, Value addition	Pre, vegetative and reproductive stage
Mayurbhanj-II	Farmers Seminar									Demstration of use of farm implement s	Use of self propelled paddy reaper , Use of 8 rows paddy drum seeder ,	Sowing & Harvesting

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			
											use of bullock drawn seed drill etc.	
Mayurbhanj-II	Workshop											
Mayurbhanj-II	Group meetings											
Mayurbhanj-II	Lectures delivered as resource persons											
Mayurbhanj-II	Newspaper coverage	5	5	Mass						For dissemination of programme	Training, meeting, SAC, Kissan Mela	Different stages
Mayurbhanj-II	Radio talks	2	2	Mass						For dissemination of tech	Sweetcorn cultivation	Before sowing
Mayurbhanj-II	TV talks	1	1	Mass						For dissemination of tech	Farm mechanisation,	Different stages
Mayurbhanj-II	Popular articles											
Mayurbhanj-II	Extension Literature	6	6	Mass						Dissiminate the technology to the farmer	Duckling, Value addition, Poultry	-
Mayurbhanj-II	Farm advisory Services	12	16	298	50	365	72			To solve the problems of the farmers and data collection	Farm mechanisation, Women in Agriculture, Fisheries	
Mayurbhanj-II	Scientific visit to farmers field	36	39	49	21	80	32			To solve the problems of the farmers and data collection	Farm mechanisation, Women in Agriculture, Extension, Horticulture	

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	Farmers visit to KVK	800	900	220	99	456	125			Technological backstopping	Farm mechanisation, Women in Agriculture, Fisheries	
Mayurbhanj-II	Diagnostic visits	8	10	18	4	35	15			For problem solving	Farm mechanisation, Women in Agriculture, Fisheries	
Mayurbhanj-II	Exposure visits	1	1			03				Exposure to res institutes	Jodia Farm, Keonj ahar	
Mayurbhanj-II	Ex-trainees Sammelan											
Mayurbhanj-II	Soil health Camp	1	1	15	-	85		4		Soil test		
Mayurbhanj-II	Animal Health Camp	2	3	22	4	69	39	1		Disease curing and prevention, immunisation		Different stages
Mayurbhanj-II	Agri mobile clinic											
Mayurbhanj-II	Soil test campaigns	1	1	48	2	46	2	2	1	Soil test		Before cultivation
Mayurbhanj-II	Farm Science Club conveners meet											
Mayurbhanj-II	Self Help Group conveners meetings	1	1	-	13	-	187	1	1	Unity among farmers	groupdynamics	
Mayurbhanj-II	Mahila Mandals conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Mayurbhanj-II	Celebration of important days	4	4	42	14	72	143			Awareness of farmers		
Mayurbhanj-II	World Soil Day	1	1	15		85				Soil card distribution	-	-

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-II	26.09.15	Half yearly	02	1000

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Mayurbhanj-II	Leaflet	Bataka Palana,	B.L.Mallick	500
Mayurbhanj-II	Leaflet	Bilati Baigana ra Abhabi Bikri ru Mukti Mulyajukta Utpadana O Prakriyakaran,	B.L.Mallick	500
Mayurbhanj-II	Leaflet	Mayurbhanj Zilla re Banaraj Kukuda Palana	B.L.Mallick	500
Mayurbhanj-II	Leaflet	Dali Jjatiya Phasalare Roga abang Poka Niyantrana	D.Panda	500
Mayurbhanj-II	Leaflet	Mayurbhanj zilla re Byabahaar Upojogi Krushi Jantrapati	G.C.Dhal	500
Mayurbhanj-II	Leaflet	Mayurbhanj Zilla re Dhana Katara Keteka Upajyukta Jantrapati	G.C.Dhal	500

7.3 Details of Electronic Media Produced : NIL

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

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Mayurbhanj-II	Foundation	Paddy	Pratikshya	60.0*	-	-	-
Mayurbhanj-II	Foundation	Paddy	Manaswaini	28.0*	-	-	-

- Unprocessed

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Mayurbhanj-II	Vegetable	Brinjal Seedlings	Tarini	1770	885	3	0.02
Mayurbhanj-II	Vegetable	Chilli Seedlings	Shyam Hot	1140	570	5	0.01
Mayurbhanj-II	Vegetable	Tomato Seedlings	Minami Super	3090	1545	7	0.2
Mayurbhanj-II	Vegetable	Capsicum	Mahabharat	3000	3000	6	0.2
Mayurbhanj-II	Vegetable	Cauliflower	Megha	6000	3000	10	0.4
Mayurbhanj-II	Vegetable	Cabbage	Krishna	8000	4000	8	0.4

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) * Name of product should follow same pattern and spelled correct : NIL

KVK Name	Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Mayurbhanj-II	Bio Agents	NIL					
Mayurbhanj-II	Bio Agents						
Mayurbhanj-II	Bio Fertilizer						
Mayurbhanj-II	Bio Fertilizer						

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre)	Value (Rs.)	No. of Beneficiaries
Mayurbhanj-II	Poultry	Rainbow rooster & Banaraja	Brooding of Chick	1064 nos	58,520	116

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Mayurbhanj-II	N.A.	N.A.		316	1535	8	-	1535

9.2 Details of water samples analyzed so far : NIL

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Water report distributed to the farmers (Nos)
Mayurbhanj-II	N.A.	N.A.						

10. Rainwater Harvesting : NIL

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
Mayurbhanj II		N.A.								

11. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)	Accommodation available (No. of beds)
Mayurbhanj II			N.A.					

12. Utilization of Staff Quarters facilities

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

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Mayurbhanj II	26/09/2015	25	<ul style="list-style-type: none"> Demonstration programme on farm mechanisation , value addition Fish fry and fingerling production in small and seasonal ponds
Mayurbhanj- II	22/01/2016	19	<ul style="list-style-type: none"> Introduction of Poultry variety Khadaknath Introduction of Marigold variety Akra Bangra Introduction fish hatchery in KVK premises Use of pendimethiline to control the weed in large scale Cultivation of sweet potato in upland during kharif season for diversification from paddy to non-paddy KVK to take programme for potato seed production for supply to line department

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

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Mayurbhanj- II	54	4872	23	Farmers Portal	Agriculture , AH, Fishery, Weather & Govt. Schemes

15. Status of Convergence with various agricultural schemes (Central & State sponsored) : NIL

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Mayurbhanj- II						
Mayurbhanj- II						

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Mayurbhanj- II	35031091062	56,787	1,06,382	1,06,382

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Mayurbhanj-II	University Foundation day Award	Farmer	OUAT	-

18. Details of KVK Agro-technological Park . : N.A.

a) Have you prepared layout plan, where sent?

S.No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent ? (ZPD/DES/any other, pl. sp.)

b) Details about Technology Park : NIL

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

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1.	Sweet corn based inter-croppings	1

19. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Mayurbhanj-II	Radheshyam Nayak	Cropping sequence in upland situation	At/Po-Badbil, Jashipur, 8018788931
2	Mayurbhanj-II	Sundar Mohan Hembram	Chickpea-vegetable-fruit farming system	At/Po- Kaliani, Jashipur, 9861292963
3	Mayurbhanj-II	Sandhya rani Mohanta	Pond based integrated farming system	At/Po-Tangabila, Jashipur, 9178337412
4	Mayurbhanj-II	Binayak Nanda	Agricultural Machineries for custom hiring	At/Po-Koilisuta, Bisoi,8018526268
5	Mayurbhanj-II	Pranabandhu Murmu	Vegetable based farming system	At/Po- Angarpada, Jashipur, 7873779546
6	Mayurbhanj-II	Chotarai Majhi	Rice-Maize-Okra cropping system	At/Po- Badasiali nai, Jashipur,7735692922
7	Mayurbhanj-II	Kati Chandra Mohanta	Pond based farming system	At/Po- Tuntuna, Jashipur, 8280010024
8	Mayurbhanj-II	Banshidhar Madhei	Vegetable based farming system	At/Po-Badbil, Jashipur,9777923945
9	Mayurbhanj-II	Tikina Tanti	Upland based Integrated Farming System	At/Po-Moudi, Jashipur, 9437889174
10	Mayurbhanj-II	Bibhutibhusan Mohanta	Rice-vegetable cropping system	At/Po-Pichhuli, Karanjia,8018250343

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1.	26.11.2015	35

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Mayurbhanj-II	3	4	09	17

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

22. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt
1	Chickpea	10 ha	2	<ul style="list-style-type: none"> Seed Treatment with Vitavax power @2g/kg Application of Trizophos @2ml/lit against gram pod borer Line sowing of Chickpea with tractor drawn multicrop planter

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	KVK, Keonjhar	Using of Soil testing laboratory	50 soil samples of KVK-farm and farmers of operational area were tested
2	KVK, Baripada	sharing of man power, sharing quality planting material, Vanaraja Chicks and machinery etc.	Providing 21 days of Vanaraja chicks, Sharing of Power sprayer and seed drill

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Mayurbhanj-II	Dr.Bijay Mohapatra,JDE,OUAT	26.09.15		SAU		Preside over SAC meeting
Mayurbhanj-II	Dr.Mahamaya Prasad Nayak	16.10.15		SAU		Visit to KVK
Mayurbhanj-II	Dr.Kanduri Charan Barik	16.10.15		SAU		Visit to KVK
Mayurbhanj-II	Dr.Subash Chandra Mohapatra	22.01.16		SAU		Preside over SAC meeting
Mayurbhanj-II	Dr. Dayanidhi Mishar	18.03.16		SAU		Visit to KVK

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Mayurbhanj-II	July-14	3	-

26. E-CONNECTIVITY : N.A.

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	call received from Hub	No. of Call mate to Hub by KVK			
Mayurbhanj-II							

27. Status of RTI : NIL

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	Mayurbhanj-II			

28. Status of Citizen Charter : NIL

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1.	Mayurbhanj-II			

9. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Mayurbhanj-II	Dr. Sujit Nath	Programme Coordinator	3	Workshop and National conference of KVK
Mayurbhanj-II	Er.Govinda Dhal	S.M.S.(Ag.Engg)	2	Participate in Workshop for Agril. Engg. & National conference
	Total			

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Mayurbhanj-II	2	4

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Mayurbhanj-II	Dr. Sujit Nath	Programme Coordinator	4	Review meetings
Mayurbhanj-II	Dr. Jagannath Patra	Programme Coordinator	3	Review meetings
Mayurbhanj-II	Er. Govinda Dhal	S.M.S.(Ag.Engg)	4	Meetings & Workshops

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Mayurbhanj-II	3	11

31. Attended HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.) : NIL

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks
Mayurbhanj-II				

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Mayurbhanj-II		

32. Agri alert report (Epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR) : NIL

Name of KVK	Alert observed	Particulars	Reported to organization
Mayurbhanj-II			

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS : NIL

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Mayurbhanj-II				

34. INTERVENTIONS ON DROUGHT MITIGATION : N.A.

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

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

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No. of participants
Mayurbhanj-II			

Animal health camps organized

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

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Mayurbhanj-II				

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				
Mayurbhanj-II				

Bio-control Agents

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

Bio-Fertilizer

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

Vermis Produced

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

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			

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												

35. Proposal of NICRA : NIL

1. Technologies to be Demonstrated

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
Mayurbhanj-II					

2. Proposed Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Mayurbhanj-II				

3. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status

5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status

6. Public Representative/District Administration Visited in NICRA Village

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

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

36. Proposed works under NAIP (in NAIP monitoring format) : N.A.

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

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

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1.	Mayurbhanj-II	2	0

Practicing of chick pea crop : A Successful farmer from Retired Govt officer

Sri Sanatan Majhi of Badsale village of Jashipur block, a retired bank officer started his career as agriculture practice for income generation from his own land. In spite of his old age he is now diverting his all energy to agri-based activities to utilise the rest life period as well as for generating income source to his next generation. During the visit by the kvk scientists to his village he was invited to the training programme on scientific cultivation of chick pea crop. He was trained about the importance of line sowing of seeds by seed cum fertilizer drill machine. During the year 2015-16 after harvesting kharif paddy he cultivated chick pea vr-JAKI,9218 in his one ha of land. He adopted line sowing methods by tractor drawn seed cum fertilizer drill. He earned a total of 65,000 from his chick pea plot. He is now planning to harvest three crops in a year from his all land. His interest in agriculture leads the unemployed young mass of the locality as well as in the district.



Sri Sanatan Majhi Inspecting his Chickpea Plot



Chickpea plot under line sowing



Visit of JDE, Ouat to Chickpea plot

Integrated Farming System : A Success Story

Sri Rohidas Mohanta aged 40 years of village Majji Sahi (Moudi) of Jashipur block of Mayurbhanj district is an educated farmer. He has got 10 acres of cultivated farm land. He and his family depend solely upon the cultivation. He observed that only cultivating paddy is not profitable. Then he decided to diversify his cultivation to other crops like oilseed, pulses, vegetables & fruits, mushroom, dairy, goatry, poultry etc., He consulted with the KVK, Scientists for planning for integrated farming of his entire 10 ac of land, also with the agriculture and allied departments for technical and financial support.

Out of 10 acres of land in kharif season, 8 acres of land is being used for line transplanting of paddy as well as SRI method of cultivation paddy and maize. Rest land is used for seasonal vegetables and fruits like papaya and banana and guava. During Rabi, the entire land is used for pulses like chick pea and mustard. He also grows mushroom for extra income. He has 2 nos of local breed cows for milk purpose. He also has a bore wells for raising seedlings and irrigation purpose.

He is equipped with farm machineries like tractor, power tiller, power paddy thresher, etc for easy cultivation. Following different Scientific method of cultivation he earned a net income more than Rs. 2,00,000- from different components like paddy, Maize, chick pea, mustard, mushroom, seasonal vegetables like Brinjal, Tomato, Capsicum, Okra, Cowpea, Pointed gourd, cole crops etc, fruits (Banana, Guava and Mango), diary, goatry, poultry etc.

SI No.	Crop / Enterprize	Area (Ac.)	Annual income (Rs.)
1	Paddy	8.0	50,000
3	Oil seed	1.0	35,000
4	Pulses	1.0	20,000
5	Vegetables and fruits	1.5	50,000
6	Diary(local breed cow)	2nos.	15,000
7	Goatry	10 nos.	10,000
8	Poultry	20 nos	8,000
9	Mushroom	-	25,000
	Total		2,13,000

Mr. Mohanta has become an example for other young farmers of his village and also for the nearby villages.



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

			
<p>OFT on Paddy Mushroom Cultivation</p>	<p>OFT on Poultry var: Rainbow rooster</p>	<p>OFT on Marigold var: Ceracole</p>	<p>OFT on Napier var: CO3</p>
			
<p>OFT on Rice transplanter</p>	<p>OFT on Axial flow paddy thresher</p>	<p>OFT on Bullock drawn plough planter for sowing chickpea</p>	<p>OFT on Sprinkler irrigation in Chickpea</p>



FLD on Pisciculture(Yearling)



FLD on Oyster Mushroom



FLD on Value addition in Tomato



**FLD on Improved duckling var:
Khaki Campbell**



FLD on Power Sprayer



FLD on Power Maize Sheller



**FLD on Zero till seed cum fertilizer
drill for sowing wheat**



**FLD on Cluster demonstration of
Chickpea**