

ANNUAL ACTION PLAN
(April 2018 - March 2019)

KVK, KORAPUT, ODISHA

Orissa University of Agriculture & Technology
Bhubaneswar

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PERIOD – April 2018 to March 2019

Summary of the activities

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
Koraput	OFTs	9	63			
Koraput	FLDs – Oilseeds (activity in ha)	-	-			
Koraput	FLDs – Pulses (activity in ha)	-	-			
Koraput	FLDs – Cotton (activity in ha)	-	-			
Koraput	FLDs – Other than Oilseed and pulse crops(activity in ha)	4	40			
Koraput	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	-	-			
Koraput	Training-Farmers and farm women	48	300			
Koraput	Training-Rural youths	12	30			
Koraput	Training- Extension functionaries	8	30			
Koraput	Extension Activities	4	200			
Koraput	Seed Production (Number of activity as seeds in quintal)	-	-			
Koraput	Planting material ((Number of activity as quantity of planting material in quintal)	89000 nos	-			
Koraput	Seedling Production (Number of activity as number of seedlings in numbers)	-	-			
Koraput	Sapling Production (Number of activity as number of sapling in numbers)	-	-			
Koraput	Other Bio- products (No. of quantity)	-	-			
Koraput	Live stock products	-	-			
Koraput	Activities of Soil and Water Testing Laboratory	200	1000			
Koraput	Rainwater Harvesting System	-	-			
Koraput	Kisan Mobile Advisory (KVK-KMA)	48	20,000			
Koraput	SAC Meeting (Date & no. of core/ official members)	1	-			
Koraput	Literature to be Developed/Published	4	400			
Koraput	Convergence programmes / Sponsored programmes	-	-			

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
Koraput	Utilization of Farmers Hostel	1				
Koraput	Utilization of Staff Quarters	-				
Koraput	Details of KVK Agro-technological Park	6 nos				
Koraput	Crop Cafeteria	4 nos.				
Koraput	Farm Innovators- list of 10 farm innovators from the District	-	-			
Koraput	Status of Revolving Funds	-	-			
Koraput	Awards and Recognitions					
Koraput	Case study / Success Story to be developed					
Koraput	KVK Progressive Farmers interaction					
Koraput	Outreach of KVK in the District (No. of blocks, no. of villages)	Block-15 nos, Villages-55 nos				
Koraput	Technology Demonstration under Tribal Sub Plan					
Koraput	KVK Ring	5 nos				
Koraput	Important visitors to KVK					
Koraput	Status of KVK Website					
Koraput	Status of RTI					
Koraput	E-connectivity					
Koraput	Details of Technology Week Celebrations	4 nos				
Koraput	Interventions on Drought Mitigation					
Koraput	Proposal of NAIP					
Koraput	Proposal of NICRA					
Koraput	Well labeled photographs					
Koraput	Other Activities					

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

Geographical area	881,000 ha ,(82 ^o 5' to 83 ^o 23' E Longitude and 18 ^o 13' to 19 ^o 10' N Latitude)
Cultivation	Rice Based Cropping Pattern ,Paddy is the major crop followed by Finger millet, Net Cultivated Area-3,04,000 ha
Land, resources	Upland-187000 ha,Medium Land-79,000 ha, Low Land-38,000 ha
Opportunities	Opportunities for Off Season vegetable cultivation
Irrigation	30.5 %
Populations	11.78 lakh (2001 Census)

1.2. DETAILS OF ADOPTED VILLAGE during 1.4.2015 to 31.3.2016 (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)
Koraput	Luhaba	2011	Semiliguda	40	240	60
Koraput	Maliburuda	2011	Nandapur	52	560	120
Koraput	Muliaput	2013	Nandapur	45	120	25
Koraput	Dokriput	2013	Nandapur	47	175	35
Koraput	Galput	2013	Nandapur	50	125	24
Koraput	Malipungar	2013	Semiliguda	45	400	60
Koraput	Kulab	2013	Semiliguda	35	280	30
Koraput	Kurumaput	2014	Nandapur	54	400	60
Koraput	Decapar	2015	Semiliguda	38	340	75
Koraput	Dongarimaliguda	2015	Koraput	41	240	55
Koraput	Jhankarguda	2016	Pottangi	60	340	60
Koraput	Anchala	2017	Borigumma	90	240	75
Koraput	Gadapadar	2017	Jeypore	80	340	55

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

KVK Name	THRUST AREA
Koraput	Replacement of traditional varieties of cereals like paddy, ragi, pulses of Arhar, green gram and oilseeds like ground nut niger and toria.
Koraput	Off-season vegetable cultivation, varietal replacement with HYV / hybrid varieties in cabbage and cauliflower, Sweet potato, onion, beans ,wilt tolerant varieties of tomato, micronutrient management in cole crops
Koraput	Integrated nutrient management in different crops, use of vermicompost, green manuring and bio fertilizers.
Koraput	Disease and pest management in horticultural & field crops.
Koraput	Improving productivity of livestock (small ruminants) and backyard poultry through routine deworming, vaccination and strategic feed supplementation.
Koraput	Oyster mushroom cultivation
Koraput	Italian honeybee keeping.
Koraput	Commercial Floriculture
Koraput	Agro forestry
Koraput	Value addition for generating additional income, drudgery reduction, food security
Koraput	Capacity Building
Koraput	Farm mechanization
Koraput	Soil and water conservation

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Koraput	Low yield of cereals, oilseeds, pulses, vegetables, tuber crops and spices.	PRA	Luhaba, Semiliguda
Koraput	Low income of the family members	PRA	Maliburuda, Nandapur
Koraput	Low body weight gain of Goat and Sheep due to local breed with low genetic potential	PRA	Muliaput, Nandapur
Koraput	Low egg production and body weight gain due to deshi poultry birds and disease incidence	PRA	Dokriput, Nandapur
Koraput	Low honey production due to rearing of <i>Apis cerenaindica</i>	PRA	Galput, Nandapur
Koraput	Post harvest food grain loss due to improper storage	PRA	Gadiajhola, Nandapur
Koraput	Low yield in kitchen garden due to use of local variety	PRA	Maliguda, Nandapur
Koraput	Low yield of kharif tomato/potato	PRA	Malipungar, Semiliguda
Koraput	High incidence of disease and pest in horticultural and field crops	PRA	Kulab, Semiliguda
Koraput	Soil acidity, Imbalanced fertilizer use and micro nutrient deficiency in crops	PRA	Kurumaput, Nandapur
Koraput	Drudgery of farm women	PRA	Banamaliput, Nandapur
Koraput	Water scarcity during peak crop growth period	PRA	Gadiajhola, Nandapur
Koraput	Stray cattle and bear menace	PRA	Maliguda, Nandapur
Koraput	Lack of awareness on use of improved farm implements	PRA	Luhaba, Semiliguda
Koraput	Lack of awareness on soil and water conservation measures and water management	PRA	Dokriput, Nandapur

2. On Farm Testing

2.1 Information about OFT to be conducted

KVK name	Year/ Season	Problem diagnose	Category of technology (Assessment/ Refinement)	Thematic Area	Crop/ enterprise	Farming Situations	Target (ha /no)	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs/ha)	
										Farmer practice T1	Rec. Tech T2	T1	T2
Koraput	2018	Low income from Mono cropping of Rice	Assessment	Agronomy	Rice, Black Gram, Bengal Gram	Low land, Rainfed, Rice-fallow	1 ha	7	Assessment of Paddy based cropping system FP- Paddy(Var-Puja,duration150days)-fallow TO1- Paddy(Var-Sahabgadhan, duration:95-100 days)–Green Gram(var-OUM-11-5) TO2- Paddy(Var-Sahabhagi) – Black Gram(var-Ujala) TO3- Paddy(Var-Sahabgadhan) –Bengal Gram(var-JG-14)				
Koraput	2018	Low income from Mono cropping of millet	Assessment	Agronomy	Little Millet Horsegram	Up land, Rainfed , millets-fallow	1 ha	7	Assessment of Millet based cropping system FP- Use of local variety Suan (Duration 120-130 days) TO1- HYV of Little millet (var. Kolab-80 days duration)- Toria(M-27) TO2- HYV of Little millet (Var. Kolab-80 days duration)-Horse gram				
Koraput	2018	Low yield in rainfed/irrigated medium land transplanted rice due to use of old variety susceptible to BPH	Assessment	Agronomy	Rice	Rainfed/Irrigated medium land (47098 ha)	1 ha	7	Assessment of BPH tolerant rice varieties in medium land situation FP- Swarna (MTU 7029) 1987 140-145 days duration; average yield 50-55 q/ha; BLB, Suceptibla to BPH and sheath rot TO1-DRR 44, 135-140 days, average yield:50-55 q/ha ; Suitable for shallow low land; Tolerance to BPH; Resistant to sheath rot				

									TO2-Hasanta, 145-150 days, medium slender, panicle length: 27.8 cm; average yield:55-60 q/ha; tolerant to BPH; Adaptability in rainfed & irrigated medium land				
Koraput	2018	Low yield due to BPH infestation 20-55% yield loss	Assessment	Plant protection	Paddy	Rainfed medium land	1	7	Assessment of Integrated management of WBPH and BPH in paddy FP- Indiscriminate spraying of Chloropyriphos/imidachlorpid TO1- Making alleys at a distance of 2 m in paddy field.use of spider trap @ 25/ha, need based Alternate Spraying of flonicamid 50 WG @ 60 gm /acre and neem based pesticide 3000 ppm @ 600 ml/acre @ 10 days interval. TO2- TO 1 repeated with Spraying of pymetrozene 50 WG @ 120 gm/acre				
Koraput	2018	Low yield and heavy damage of the crop yield loss	Assessment	Plant protection	Chilli	Rainfed medium land	0.21	7	Management of Chilli leaf curl disease FP- (no management practice) TO1- Spraying of Thiomethoxam@25 WG@100 g/ha followed by 1 spray of Emamectin benzoate 5% TO2- 1 spray of Emamectin benzoate 5% SG @ 4g/10 litre followed by Imidacloprid 17.8% SL @ 3ml/10 litre				
Koraput	2018	Low yield of hybrid tomato during kharif season due to high wilt incidence	Assessment	Horticulture	Tomato	Rainfed upland	0.2	7	Assessment of wilt tolerant hybrid tomato varieties FP- Locally grown hybrid var lakhmi susceptible to wilt TO1- Hybrid-Arka Samrat, High yielding F1 hybrid with triple disease resistance to tomato leaf curl virus ,bacterial wilt,and early blight. seasons.Yields40-50 tons per acre in 140-150 days TO2- Hybrid- Arka Rakshak, High yielding Fi hybrid with triple disease resistance to tomato				

									leaf curl virus ,bacterialwilt,and early blight. Yields40-50 tons per acre in 140-150 days				
Koraput	2018	Low yield from local varieties	Assessment	Horticulture	China aster	Irrigated medium land	0.2	7	Assessment of China Aster varieties FP- Local var TO1- var Arka Kamini, Erect type,semi double flower 13t/ha.shelflifeof 3.25days, no of flowers /plant- 61 propagated by seed TO2- var Arka poornima, plant type,12.5t/ha shelflifeof 4.16days, no of flowers /plant- 45 propagated by seed				
Koraput	2018	Low income from sole mango plantation	Assessment	Agroforestry	Ginger, Turmeric	Rainfed up land	1 ha	7	Assessment of intercrops in Mango plantation FP-Farmer practice (Sole Mango- 8m x 8m) TO1- Mango + Ginger TO2-Mango + Turmeric				
Koraput	2018	Poor growth of Eucalyptus in random plantation	Assessment	Agroforestry	Eucalyptus	Rainfed up land	1 ha	7	Assessment of initial spacing on growth of Eucalyptus camaldulensis in EGHZ of koraput FP-Farmers practice (Randomly) TO1- Spacing of 3m x 3m TO2-Spacing of 3m x 2m TO3- Spacing of 3mx1m				

3. Frontline Demonstrations

3.1 Details of FLDs to be implemented during 2017-18

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop - Area (ha) / Enterprise - No.	Name of Variety/ Enterprises	Results (q/ha)		% change	No. of farmers				
							Demonstrations	Check		SC	ST	OBC	Other	Total

Koraput	Agronomy	Ragi	Kharif, 2018	Improved cultivation practice in transplanted Ragi	1 ha	Ragi														10	
Koraput	Agronomy	IFS	Kharif, 2018	Integrated Farming System in Rain fed medium land	1 ha	IFS															10
Koraput	Agronomy	Maize	Rabi, 2018	Integrated Nutrient Management in sweet corn	1 ha	sweet corn															10
Koraput	Agronomy	Paddy	Rabi, 2018	Application of Zinc Sulphate and Boron in Jhola land Paddy	1 ha	Paddy															10
Koraput	Horticulture	Ginger	Kharif, 2018	Demonstration on nutrient management of Ginger	1 ha	Ginger															10
Koraput	Horticulture	Banana	Kharif, 2018	Demonstration on Tissue culture Banana	1 ha	Tissue culture Banana															10
Koraput	Horticulture	Turmeric	Kharif, 2018	Demonstration on Integrated nutrient management in turmeric	1 ha	Turmeric															10
Koraput	Horticulture	Nutritional garden	Kharif, 2018	Demonstration of nutritional garden for Improving Nutritional Security of farm family.	1 ha	Nutritional garden															10
Koraput	Plant protection	Ragi	Kharif, 2018	Management of blast of ragi	1 ha	Ragi															10
Koraput	Plant protection	Paddy	Kharif, 2018	Management of bacterial blight of paddy	1 ha	Paddy															10
Koraput	Plant protection	Potato	Kharif, 2018	IDM for early blight in Potato	1 ha	Potato															10
Koraput	Mushroom cultivation	Mushroom		Growing of Oyster mushroom, <i>Pleurotus hypsizygusulmarius</i> (Blue oyster)	140	<i>Pleurotus hypsizygusulmarius</i>															10
Koraput	Agroforestry	Ginger	Kharif, 2018	Performance of ginger in Agrisilvicultural system	0.5	<i>Suprava</i>															10

Koraput	Agroforestry	Maize	Kharif, 2018	Performance of maize as intercrop in the Eucalyptus plantation	0.4	Maize												10
Koraput	Agroforestry	Rice	Kharif, 2018	Performance of agricultural crops with boundary plantation of agroforestry trees	1.0	Rice												10
Koraput	Agroforestry	Bamboo	Kharif, 2018	Performance of bamboos in wasteland condition of koraput region	0.4	<i>Dendrocalamus strictus</i> <i>Bambusa arundinasia</i>												10

5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only.
2. for category, training type and thematic area, use abbreviations only.

Table 5.1: 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 to be involved
Koraput	Farmers & Farm Women	PRA, Group meeting, Ex trainees meet	Adopted villages of KVK & other villages	20-25 in each group meeting
Koraput	Rural Youths	PRA, Group meeting, Ex trainees meet	-	20-25 in each group meeting
Koraput	Extension Personnel	Discussion	-	-
Koraput	Sponsored training	Discussion	-	-

Table 5. 2. Details of Training programmes to be conducted by the KVK

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants								
								General		SC		ST		Others		
								M	F	M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Koraput	F/FW	ONC	HOS	Planting technique and nutrient management in turmeric	1	2	25									
Koraput	F/FW	OFC	HOS	Integrated nutrient management in ginger	1	2	25									

Koraput	F/FW	OFC	HOT	Cultivation technique of Kharif potato	1	2	25										
Koraput	F/FW	OFC	HOF	Rejuvenation of senile mango orchard	1	2	25										
Koraput	F/FW	ONC	HOF	Nutrient management in mango orchard	1	2	25										
Koraput	F/FW	OFC	HOV	Cultivation technique of tissue culture Banana	1	2	25										
Koraput	F/FW	OFC	HOV	Cultivation technique of hybrid tomato	1	2	25										
Koraput	F/FW	ONC	HOV	Protected cultivation of vegetable	1	2	25										
Koraput	F/FW	OFC	HOV	Cultivation technique of exotic crops	1	2	25										
Koraput	F/FW	OFC	HOV	Organic cultivation technique vegetable crops	1	1	25										
Koraput	F/FW	OFC	HOS	Cultivation technique of cardamom, blackpepper	1	2	25										
Koraput	F/FW	OFC	HOS	Cultivation technique of Aster, chrysanthemum, Dalhia	1	2	25										
Koraput	RY	ONC	HOV	Propagation technique in mango, Cashew and Banana	1	4	25										
Koraput	RY	ONC	HOF	Propagation technique in Rose, Marigold, Gladiolus, tuberose	1	4	25										
Koraput	RY	ONC	HOS	Postharvest and value addition of turmeric for self employment	1	4	25										
Koraput	IS	ONC	HOM	Technique in quality planting material production and commercial cultivation of medicinal and aromatic plant	1	2	15										
Koraput	IS	ONC	HOT	Technique in quality planting material production and commercial cultivation of Tuber Crops	1	2	15										
Koraput	F/FW	ONC	AGF	Tree crop combination for planting on farmers field	1	2	25										
Koraput	F/FW	ONC	AGF	Multipurpose trees: role and importance	1	2	25										
Koraput	F/FW	ONC	AGF	Integrated commercial farming through Horti-agroforestry crops	1	2	25										
Koraput	F/FW	ONC	AGF	Techniques for establishment of agroforestry plantation.	1	2	25										
Koraput	F/FW	OFC	AGF	Agroforestry practices for soil Conservation	1	2	25										
Koraput	F/FW	OFC	AGF	Planting methods of agroforestry trees	1	2	25										
Koraput	F/FW	ONC	AGF	Scientific tips for nursery raising of trees	1	2	25										
Koraput	F/FW	ONC	AGF	Role of agroforestry in bioenergy production	1	2	25										
Koraput	F/FW	ONC	AGF	carbon sequestration potential of agroforestry	1	2	25										
Koraput	F/FW	OFC	AGF	Contour hedgerow agroforestry practices	1	2	25										

Koraput	F/FW	ONC	AGF	Efficient utilization of resources from Agroforestry for securing livelihood.	1	2	25										
Koraput	F/FW	ONC	AGF	Cultivation of medicinal and aromatic plants under Agroforestry system.	1	2	25										
Koraput	RY	ONC	AGF	Round the year fodder production from agroforestry.	1	4	25										
Koraput	RY	ONC	AGF	Forest nursery Preparation for production of quality planting material.	1	4	25										
Koraput	RY	ONC	AGF	Agro-forestry as a sustainable enterprise	1	4	25										
Koraput	IS	ONC	AGF	Clonal eucalyptus plantations why and how?	1	2	15										
Koraput	IS	ONC	AGF	Potential of medicinal & aromatic plants under integrated land use system.	1	2	15										
Koraput	F/FW	ONC	PP	Cultivation of oyster mushroom.	1	2	25										
Koraput	F/FW	ONC	PP	Management of ragi blast	1	2	25										
Koraput	F/FW	ONC	PP	IPM for fruit and shoot borer of brinjal	1	2	25										
Koraput	F/FW	ONC	PP	Management of panama wilt of banana	1	2	25										
Koraput	F/FW	ONC	PP	Management of diamond back moth in cole crops	1	2	25										
Koraput	F/FW	ONC	PP	IDM in Potato	1	2	25										
Koraput	F/FW	ONC	PP	Management of diseases of mango	1	2	25										
Koraput	F/FW	ONC	PP	Integrated pest management in Paddy	1	2	25										
Koraput	F/FW	ONC	PP	Diseases of tomato and their management	1	1	25										
Koraput	F/FW	ONC	PP	Management of mango hopper	1	1	25										
Koraput	F/FW	ONC	PP	Management of mango fruit fly	1	2	25										
Koraput	RY	ONC	PP	Mass multiplication of <i>Trichoderma viridae</i>	1	4	25										
Koraput	RY	ONC	PP	Mushroom Cultivation	1	4	25										
Koraput	RY	ONC	PP	Vermicomposting	1	4	25										
Koraput	IS	ONC	PP	Diagnosis of important diseases of few agricultural and horticultural crops and its management	1	2	15										
Koraput	IS	ONC	PP	Development of wilt resistant graft of tomato, using wild brinjal as rootstock.	1	2	15										
Koraput	F/FW	ONC	CP	INM in transplanted Lowland Rice	1	2	25									13	12
Koraput	F/FW	ONC	CP	Integrated Nutrient Management in Ragi	1	2	25									13	12
Koraput	F/FW	ONC	CP	Improved cultivation practice of scented rice	1	2	25									13	12

Table 5.4. Details of training programme to be conducted for Livelihood Security in rural areas by the KVKs

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

Table 5.5. Sponsored Training Programmes

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

Table 5.6 Training Programmes for Panchayatiraj Institutions Office-bearers & members

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

Table 5.7 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	

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
	Field Day	20										
	Kisan Mela	2										
	Kisan Ghosthi	4										
	Exhibition	2										
	Film Show	30										
	Method Demonstrations	20										
	Farmers Seminar	1										
	Workshop	0										
	Group meetings	120										
	Lectures delivered as resource persons	30										
	Newspaper coverage	9										
	Radio talks	10										
	TV talks	4										
	Popular Articles	8										
	Extension Literature	4										
	Farm Advisory Services	50										
	Scientific visit to farmers field	130										
	Farmers Visit to KVK	1065										
	Diagnostic Visits	12										
	Exposure Visits	6										
	Ex-trainees Sammelan	2										
	Soil Health Camp	2										
	Animal Health Camp	1										
	Agri Mobile Clinic	0										
	Soil Test Campaigns	2										
	Farm Science Club conveners meet	4										
	Self Help Group conveners meetings	4										

7. Production and supply of Technological products

7.1 SEED production

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type here SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
	Cereals							
	Pulses							
	Oilseed	Mustard	Anuradha	CS	0.4			
		Niger	Utkal Niger	FS	0.4			
	Spices	Turmeric	Roma	CS	0.1 ha			
		Ginger	suprava	CS	0.05 ha			

7.2 Planting Material production

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
	Vegetable seedlings	Tomato				Surakhya, swarnasampad		24000nos			
		Onion				AGDR, Bhimasuper, N-53		50000nos			
	Agroforestry seedlings	Glaricidia, Acacia, Teak, Eucalyptus						15000 nos			

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

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

7.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
Koraput	Cattle						
Koraput	Buffalo						
Koraput	Sheep and Goat						
Koraput	Poultry						
Koraput	Fisheries						
Koraput	Others (Specify)		Mushroom	200 nos bed			
			Vermicompost	30q			
			Worms	15kg			
			Honey	40 kg			

8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : YES/NO, If yes, then

Year of establishment : -

8.1 Details of soil & water samples analyzed so far :

KVK Name	Type	No. of Samples	No. of Farmers	No. of Villages	Amount released	Resources to be generated
	Soil Sample	200	1000	10		
	Water Sample					

9. Rainwater Harvesting, if available.

Training programmes to be 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

--	--	--	--	--	--	--	--	--	--	--

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	
Koraput	65	5000	50	Advance technology and crop schedule

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Koraput	16.12.2017	31	<ul style="list-style-type: none"> • Suggested for conducting trial on green manuring • Suggested for conducting trial on BPH management in paddy • Intercropping of ginger and turmeric in mango plantation • Trials on performance of clones of eucalyptus • Promoting bee keeping and enhancing for market linkage.
			<ul style="list-style-type: none"> • Take trials on Short duration Arhar • Suggested to conduct demonstration honey bee, mushroom and poultry
			<ul style="list-style-type: none"> • Market linkage of mushroom grower
			<ul style="list-style-type: none"> • Major problem is Anthrax and awareness campaign to be promoted • Deworming of small ruminants by Ivermectin for increasing body weight • Upgradation of Buck

			<ul style="list-style-type: none"> • Suggested to conduct trials and demonstration on pulses
			<ul style="list-style-type: none"> • Recommendation of KVK to be forwarded leaflet.

12. Literature to be Last Developed/Published (with full title, author & reference)

Booklets:-

- Management of pests and diseases of mango
- Improved cultivation techniques of Kharif Onion
- Improved cultivation techniques of mustard
- Boundary plantation in Agroforestry system.

12.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
KVK, Koraput	April	Quarterly	500	April
KVK, Koraput	July	Quarterly	500	July
KVK, Koraput	Nov	Quarterly	500	Nov
KVK, Koraput	March	Quarterly	500	March

12.2 Details of Electronic Media to be Produced

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

	Audio-Cassette)		
KVK, Koraput	CD	Video recordings of Kisanmelas rabi and kharif, soil health day	2
KVK, Koraput			
KVK, Koraput			

12.3 PUBLICATIONS

Category	Number	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Research Paper		Type	Title	Author's name	Number of copies
Technical bulletins	02	April, Aug	-		400
Technical reports	10	-	-		300
Popular article	04		quarterly		4000
News paper coverage	06	-	-	-	Mass media
Year Planner	01	April 1st	Yearly	-	200
Others (pl. specify)	02	April, Aug	-		400

13. Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Koraput	ATMA					
Koraput	MNREGA					
Koraput	NHM					
Koraput	RKVY					
Koraput	DRDA					
Koraput	Zila Panchyat					
Koraput	Seed Village					
Koraput	NAIP					
Koraput	Climate Change					
Koraput	Others (Plz. Specify)					

14. Utilization of Farmers Hostel.

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)
Koraput							
Koraput							
Koraput							

15. Utilization of Staff Quarters.

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Koraput	1994	Dilapidated condition.	Koraput		
Koraput					
Koraput					

16. Details of KVK Agro-technological Park –

a) Have you prepared layout plan, where sent?

Sr .No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent?(ZPD/DES/any other,pl. sp.)
1	Koraput	Mushroom unit	
2	Koraput	Agro shed net	
3	Koraput	Vermicomposting	
4		Azolla Unit	
5	Koraput	Agroforestry model	
6	Koraput	Medicinal based agroforestry	

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
	Crop Cafeteria	2009
	Technology Desk	2009
	Visitors Gallery	2010
	Technology Exhibition	2009
	Technology Gate-Valve	

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
	Fruit demonstration unit	1
	Medicinal plant demonstration unit	1
	Wilt tolerant tomato hybrids	1
	Trap crop technology	1

17. 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				
2				
3				

18. KVK interaction with progressive farmers- Each KVK had already sent a list of 100 progressive farmers to the ZPD, Zone VII, Jabalpur.

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

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Koraput	07	08	21	14

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

20. 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

21. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
01	Nabarangpur	Exchange of seed, selling of bio product.	
02	Malkanagiri	Hiring of tractor, exchange of seed, selling of bio product.	
03	Raygada	Exchange of seed	
04	G.Udayagiri	Exchange of seed	
05	Kandhamala	Exchange of seed	

22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks

23. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
	Koraput	30 march 2016	5	

24. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals

25. E-CONNECTIVITY (ERNET Lab)

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

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Gosthies	2	50	

	Lectures organized	6	150	
	Exhibition	1	200	
	Film show	30	150	
	Fair	-	-	
	Farm Visit	3	100	
	Diagnostic Practical's	5	150	
	Distribution of Literature (No.)	6	150	
	Distribution of Seed (q)	-	-	
	Distribution of Planting materials (No.)	-	-	
	Bio Product distribution (Kg)	-	-	
	Bio Fertilizers (q)	-	-	
	Distribution of fingerlings (No)	-	-	
	Distribution of Livestock specimen (No.)	-	-	
	Total number of farmers visited the technology week	6	150	

27. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries

Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
		Oilseeds		
		Pulses		
		Cereals		
		Vegetable crops		
		Tuber crops		
		Fruits		
		Spices		
		Cotton		

		Total	

Farmers-scientists interaction on livestock management

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

Animal health camps to be organized

Name of KVK	Number of camps	No.of animals	No.of farmers

Seed distribution in drought hit states

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

Seedlings and Saplings to be distributed

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

Bio-control Agents

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

Bio-Fertilizer

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

Vermis Produced

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

Large scale adoption of resource conservation technologies

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

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

28. Proposal of NICRA

1. Technologies to be Demonstrated

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

2. Proposed Extension Activities in NICRA Village

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

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

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

8. Good Action Photographs after work progress (step-wise)

29. Proposed works under NAIP (in NAIP monitoring format)

30. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)

31. Awards & Recognitions

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

32. Case study / Success Story to be developed –

Sr. no.	Name of KVK	No. of success stories	No. of case studies

Two best only in the following format: Name of the KVK, **TITLE**, **Introduction**, KVK intervention, Output, Outcome, Impact

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

34. DEMONSTRATION UNIT AT KVK, CAMPUS

SL. NO	DEMO- UNIT	AREA (HA)/NO. OF ENTERPRISE
1	ORGANIC FARMING UNIT	0.2 ha
2	MANGO BASED INTERCROPPING	0.5 ha
3	INTERCROPPING OF TURMERIC UNDER EUCALYPTUS PLANTATION	0.5 ha
4	HONEY BEE	5 NOS BOXES
5	MUSHROOM UNIT	100 NOS OF BEDS
6	VERMICOMPOSTING UNIT	4 UNITS
7	INTEGRATED PEST MANAGEMENT UNIT	0.2 ha
8	INTEGRATED NUTRIENT MANAGEMENT UNIT	0.2 ha
9	FLOWERICULTURE UNIT	0.2 ha
10	OFF SEASONAL VEGETABLE CULTIVATION UNIT	0.2 ha

35. Training manuals to be prepared for the vocational trainings listed below

SL. NO.	TITLE OF THE VOCATIONAL TRAINING
1	Honey bee keeping
2	Improved spice cultivation practices in koraput
3	2Mushroom spawns production and mushroom cultivation for income generation.

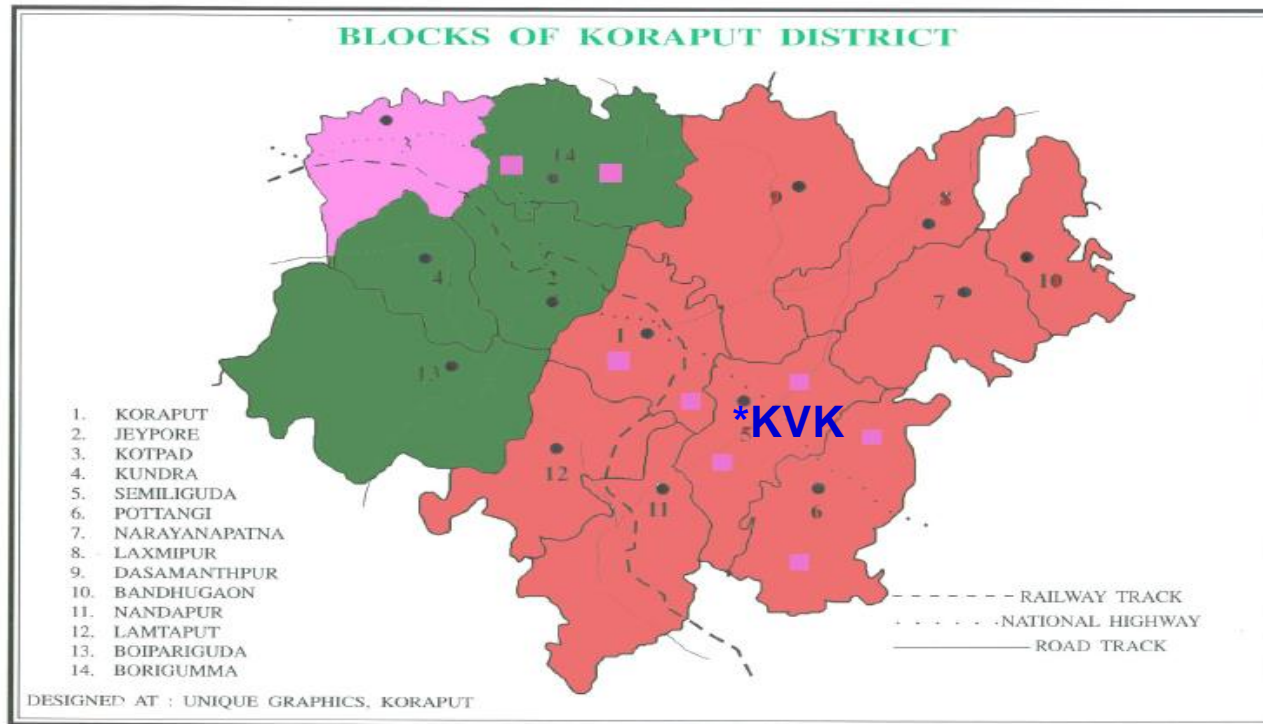
36. NEWS LETTER

1	Kharif news letter
2	Rabi news letter

**Doubling Farmers' Income
By Technological Interventions**

**Krishi Vigyan Kendra, Koraput
(Orissa University of Agriculture &
Technology**

DISTRICT MAP OF KORAPUT, ODISHA



Farming Situation –I (600-900 m.) - Koraput, Pottangi, Nandapur, Semiliguda, Laxmipuur, Narayanpatana, Bandhagaon, Dasmantpur

Farming Situation-II (300-600m.) – Jeypore, Boipariguda, Borigumma, Kundra

Farming Situation-III (< 300m.) - Kotpad

KORAPUT AES

Major AES	climate	rainfall	Soil	Blocks	Elevation
Eastern ghat highland zone (koraput subdivision)				- Koraput, Pottangi, Nandapur, Semiliguda, Laxmipur, Narayanpatana, Bandhagaon, Dasmantpur	600-900 m.
				- kotpad	300m
South east ghat zone - rainfall , (Jeypore subdivision)	warm and humid	1522mm	red soil, mixed red and yellow soil	Jeypore, Boipariguda, Borigumma, Kundra	300-600m

Module 1, EASTERN GHAT HIGHLAND ZONE (600-900 MSL)POTTANGI BLOCK

Farmin g Situatio n	Existing Practices 2015-16		1 st year (2016-17)		2 nd year (2017-18)		3 rd year (2018-19)	
	componen t	Problems /practices	Intervention	Yield and net income /ha	Intervention	Yield and net income /ha	Intervention	Yield and net income /ha

Rainfed upland	Ragi 6 q/ha Rs 5000/-	<ul style="list-style-type: none"> growing of local variety High weed infestation imbalance fertiliser use incidence of blast 	<ul style="list-style-type: none"> HYVBhairabi/ Subhra IWM in Ragi with pendimethalin 1kgai /ha 	Yield-10qtl/ha Rs. 9000/-	<ul style="list-style-type: none"> STBF Application 	Yield-11.8qtl/ha Rs 10000/-	<p>IDM in ragi for blast</p> <ul style="list-style-type: none"> Seedtreatment with pseudomonas fluorescense 10g/kg of seed Foliar spray of tricyclazole 6g/l 	Yield-12.5 qtl/ha Rs.10300/-
	Ginger – fellow 40q/ha Rs10,000	<ul style="list-style-type: none"> Local var. Severe rhizome rot Blanket fertilizer application Micronutrient deficiency in acidic soil 	<ul style="list-style-type: none"> HYV- Suprabha 	50q/ha Rs 15000/-	<ul style="list-style-type: none"> STBRF application Seed treatment with <i>T. Viridae</i> + Soil application with <i>T. Viridae</i> @ 10kg/ha Soil drenching with redomil MZ 2g/l 	56 q/ha Rs 15800/-	<ul style="list-style-type: none"> management of ginger with boron (4.5 kg) and zinc (6.0 kg) due to acidic soil 	60q/ha Rs 16200/-

Module 1, EASTERN GHAT HIGHLAND ZONE (600-900 MSL) POTTANGI BLOCK

Farming Situation	Existing Practices 2015-16		1 st year (2016-17)		2 nd year (2017-18)		3 rd year (2018-19)	
	component	Problems /practices	Intervention	Yield and net income /ha	Intervention	Yield and net income /ha	Intervention	Yield and net income /ha
Low land (Perennial stream irrigated)	Rice-Rice Pooja –lalat 40 q/ha 18800	<ul style="list-style-type: none"> Stem borer infestation Improper nutrient management, leaching loss of Zinc and Boron Bacterial leaf blight 	Use of Trico-cards 100000/ha, 5nos, Spraying of Trizophus @ 0.2%	42.5 q/ha Rs 20300	STBR and foliar application of ZnSo4 0.5% + 0.25% lime and borax @0.1% at 2 splits, 30 DAT and 40-45 DAT	44.5 q/ha Rs 21300/-	<ul style="list-style-type: none"> seed treatment with pseudomonas fluorescense 10g/kg of seed spraying of Streptocycline @ 250 ppm + COC @ 0.3% 	47.5q/ha Rs 22200/-
Homestead	Poultry Desi Breed (20no)	<ul style="list-style-type: none"> Low production due to single 	<ul style="list-style-type: none"> Poultry (Banaraj) (20) 	<ul style="list-style-type: none"> 40kg Rs 2500 				

	Rs 600	enterprise	<ul style="list-style-type: none"> Goat (1 no) 8 months 	<ul style="list-style-type: none"> 1kid 13kg meat 550/- 	<p>Feed</p> <p>Papaya 15nos(Ranchi dwarf)</p> <p>Drumstick 15 nos (PKM-1)</p>	<p>2kids 20kg meat Rs 3000/-</p> <p>Papaya: 375kg Rs 1500/-</p> <p>Drumstick150kg Rs.3000</p>	<p>Feed</p> <p>STBF IPDM</p>	<p>1kid and goat 25 kg Rs 3500/-</p> <p>papaya: 450kg 1700/</p> <p>Drumstick 225kg/- 4200/-</p>
Increase in net income over base year 2015-16	RS 34400/-	▪		<ul style="list-style-type: none"> Rs 47350/- 37.3% 		Rs 54600/- 58.7%		Rs 58100 68.8%

Module II, EASTERN GHAT HIGHLAND ZONE (600-900 MSL) SEMILIGUDA AND NANDAPUR BLOCK

Farming Situation	Existing Practices 2015-16		1 st year (2016-17)		2 nd year (2017-18)		3 rd year (2018-19)	
	component	Problems /practices	Intervention	Yield and net income /ha	Intervention	Yield and net income /ha	Intervention	Yield and net income /ha
Rainfed upland	Niger 2 q/ha Rs 4700	<ul style="list-style-type: none"> Local variety High weed infestation imbalance fertiliser use and High incidence of disease 	HYV utkal niger 150 IWM pendimethalini 1kg /ha	Yield- 3qtl/ha Rs. 7800/-	STBF Application	Yield- 4qtl/ha Rs 9200/-	IPDM in niger	Yield- 5 qtl/ha Rs.11000/-
	Ground nut 7q/ha Rs 7500	<ul style="list-style-type: none"> degenerated variety JL 24 imbalance fertiliser use incidence of collar rot and 	<ul style="list-style-type: none"> HYV Devi IWM in Ground nut 	10. qtl/ha Rs.11000/-	<ul style="list-style-type: none"> STBF Application In Ground nut and gypsum application 	13 qtl/ha Rs.16050/-	<ul style="list-style-type: none"> IDM for collar rot seed treatment with Trichoderma viridi 4g/kg and soil application of 10kg/ha and spray 	17 qtl/ha Rs.18000/-

		caterpillar					vitavaxpower 2ml/l ▪ Spray Acephate 2ml/l For caterpillar	
	Vegetables 85q(Potato)kharif Rs 20000/- (Tomato) kharif 90q Rs 21000	<ul style="list-style-type: none"> ▪ imbalance fertiliser use ▪ high weed infestation ▪ Diseases and pest incidence 	<ul style="list-style-type: none"> ▪ STBF application ▪ IWM (metribuzin @0.5 kg ai/ha) 	98q Rs26400/-	<ul style="list-style-type: none"> ▪ Ipm for For termite, chlorpyrifos 2g/l, white fly imidachlorpid 1ml/3lof water 	103q Net income Rs. 28000/-	<ul style="list-style-type: none"> • IDM for disease management for early blight hexaconazole 1ml/l ,wilting (fungal and bacterial)seed treatment with Pseudomonas fluorescense 10g/kg and Trichoderma viride5g/kg and spraying of streptocyclin 2.5ml/10land redomilMZ 2ml/l 	112q Rs 29300/-
		<ul style="list-style-type: none"> ▪ imbalance fertiliser use ▪ high weed infestation ▪ Diseases and pest incidence 	<ul style="list-style-type: none"> ▪ Do as above 	102q/ha Rs 24400	<ul style="list-style-type: none"> ▪ IPM for pest management. Of white fly imidachlorpid 1ml/3lof water ▪ ,fruit borer spray Heli NPV 3ml /l 	107q/ha Rs25100/	<ul style="list-style-type: none"> • IDM for disease management Of wilting fungal and bacterial(same as above) 	110q/ha Rs 26000/-

Module II,EASTERN GHAT HIGHLAND ZONE (600-900 MSL)SEMILIGUDA AND NANDAPUR BLOCK

Farming Situation	Existing Practices 2015-16		1 st year (2016-17)		2 nd year (2017-18)		3 rd year (2018-19)	
	component	Problems /practices	Intervention	Yield and net income /ha	Intervention	Yield and net income /ha	Intervention	Yield and net income /ha
Homestead	<ul style="list-style-type: none"> • Desi birds • Rs.600/ • Collection of local mushroom • Rs500 	<ul style="list-style-type: none"> • Low yield due to slow growth 	<ul style="list-style-type: none"> • Banaraja poultry bird (20 birds), vaccination, feeding 	<ul style="list-style-type: none"> • 2 kg/bird • Rs.3400 • 1.5kg/bed • Rs 5600/- 	<ul style="list-style-type: none"> • Poultry enterprise (2 batches of 20 birds each) 	<ul style="list-style-type: none"> • 2 kg/bird • Rs.5200/yr • 1.5kg/bed • Rs 5600/- 	<ul style="list-style-type: none"> • 3 overhmi ngpoultry enterprise (2 batches of 20 birds each) 	<ul style="list-style-type: none"> • Rs7100 /yr

		<ul style="list-style-type: none"> Low yield from local collection 	<ul style="list-style-type: none"> Growing of oyster mushroom using niger stick from October to February (30 beds/month) 		<ul style="list-style-type: none"> Growing of oyster mushroom using niger stick from October to February (30 beds/month) 		<ul style="list-style-type: none"> Growing of oyster mushroom using niger stick from October to February (60 bed/month) 	<ul style="list-style-type: none"> Rs 8800/
Increase in net income over base year 2015-16	Rs54300 /-			78600 /- 44.7%		89150 /- 64.2%		100200/- 84.5 %

Module III SOUTH EASTERN GHAT ZONE (UPTO 600MSL) JEYPORE and BORIGUMA BLOCK

Farming Situation	Existing Practices 2015-16		1 st year (2016-17)		2 nd year (2017-18)		3 rd year (2018-19)	
	component	Problems /practices	Intervention	Yield and net income /ha	Intervention	Yield and net income /ha	Intervention	Yield and net income /ha
Rainfed upland	Ragi 6 q/ha Rs 5000/-	<ul style="list-style-type: none"> growing of local variety High weed infestation 	HYVBhairabi IWM in Ragi with pendimethalin 1kgai /ha STBF application with	Yield- 10. qtl/ha Rs.7000/ -	STBF	Yield- 12.8qtl/ha Rs9000/-	<ul style="list-style-type: none"> IDM in ragi for blast Seedtreatment with pseudomonas fluorescense 	Yield- 13qtl/ha Rs.10550 /-

	Maize 22.9 q/ha Rs 16800/-	<ul style="list-style-type: none"> ▪ imbalancefertiliser use ▪ Turcicum blight 	biofertiliser	Yield- 29.2qtl/h a Rs. 20300/-	<ul style="list-style-type: none"> • HYV Sweet corn • STBF application with biofertiliser 	Yield- 45q/ha Net income Rs25000/ -	10g/kg of seed.Foliar spray of tricyclazole 6g/l <ul style="list-style-type: none"> • Alternate spraying Hexaconazole @ 0.1% and Azoxystrobin @ 0.1% 	Yield- 47q/ha Rs 25800/-
Irrigated medium land	Rice- Rice Pooja-mandakini 40 q/ha 18800	<ul style="list-style-type: none"> • BPH infestation • False smut infestation • improper nutrient management • Leaching loss of Zinc and Boron • Random planting 	<ul style="list-style-type: none"> • Application of Buprofezin @ 0.2% for BPH management • Spraying Carbendazim + Mancozeb @ 0.25% 	44.5 q/ha Rs 23000	<ul style="list-style-type: none"> • STBR and foliar application of ZnSo4 0.5% + 0.25% lime and borax @0.1% at 2 splits, 30 DAT and 40-45 DAT 	46.0 q/ha Rs 24000/-	Line transplanting with transplanter	52q/ha Rs - 24200/-
Homestead	<ul style="list-style-type: none"> • Desi birds Rs 600 • Collection of local mushroom Rs 500 	<p>Low yield due to slow growth</p> <p>Low yield from local collection</p>	<p>Banaraja poultry bird (20 birds), vaccination, feeding</p> <p>Growing of paddy straw mushroom from June to September (30 bed/month)</p>	<p>2 kg/bird Rs.2800</p> <p>1 kg/bed Rs 8000/-</p>	<ul style="list-style-type: none"> • Poultry enterprise (2 batches of 20 birds each) • Growing of paddy straw mushroom from June to September (30 bed/month) 	<p>2 kg/bird Rs.3600/ yr</p> <p>1 kg/bed Rs 8000/-</p>	<ul style="list-style-type: none"> • 3 overwhelmingpoultry enterprise (2 batches of 20 birds each) • Growing of paddy straw mushroom from June to September (60 bed/month) 	<p>Rs5000 /yr</p> <p>1 kg/bed Rs 11000</p>
Total	41700			61100 46.5%		69600 66.9%		76550 83.5%

SUMMARY TABLE KVK KORAPUT

District Koraput	module	Farming situation/AES	Village /Block	Name of Farming system	Present income 2016-17	Expected income 2017-18	Risk /unsustainability	Most representative module for district	Market linkage
Module 1	Ragi-fallow management Ginger –fallow management Rice-rice management Homestead	Rainfed upland Perinneal stream irrigated lowland Home stead AES-1	Block- Pottangi Village Markel bandh	Ragi-fallow	Rs 47350/-	Rs 54600/-	<ul style="list-style-type: none"> • Dry spell • Heavy rainfall • Open fields 	Ragi-fallow management	Ragi , Ginger ,mushroom and poultry market available Scope for mushroom production
Module2	Niger-fallow management Groundnut fallow management Vegetable fallow management Homestead	Rainfed upland Home stead AES-1	Block Semiliguda Village Durukaguda Block Nandapur Village- Muliaput	Niger-fallow	Rs78600/-	Rs89150/-	<ul style="list-style-type: none"> • Dry spell • Heavy rainfall • Open fields 	Niger-Fallow management	Niger, vegetable ,poultry market available Scope for mushroom production with niger stick
Module3	Ragi –fallow management Maize-fallow management Rice-Rice medium irrigated Homestead	Rainfed upland Irrigated medium land Homestead AES-11	Block Jeypoe village jhaliaguda Block Borigumma Village Achala	Rice-Rice medium irrigated	Rs61100/-	Rs69600/	<ul style="list-style-type: none"> • Dry spell • High Temperature • Open fields 	Rice-Rice management	Rice mills available Scope of paddy straw mushroom production