

ANNUAL ACTION PLAN OF KVK KEONJHAR

[PERIOD – April 2012 to March, 2013]

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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 mentioning “Additional Information”**
- 9. 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.**

Note for Annual Action Plan 2012-13

1) Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1st April, 2012 to 31st March 2013 in the table no.1,(1.1,1.2,1.3,1.4), 2.1, 3.2, 3.4, 3.5, 4.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6 6.0, 7.1, 7.2, 7.3, 7.4, 8.1, 9.0, 10.0, 11, 12.1, 12.2, 12.3, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29. Remaining of the column and tables will be filled up after completion of the work as Annual Progress Report.

2) Any other activities proposed not mentioned in this format may be incorporated in the last page with certain specification.

PERIOD – April 2012 to March, 2013

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	
Keonjhar	OFTs	24	144			
Keonjhar	FLDs – Oilseeds (activity in ha)	5	15			
Keonjhar	FLDs – Pulses (activity in ha)	5	15			
Keonjhar	FLDs – Cotton (activity in ha)	-	-			
Keonjhar	FLDs – Other than Oilseed and pulse crops(activity in ha)	12.3ha (16 nos)	94			
Keonjhar	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	73	73			
Keonjhar	Training-Farmers and farm women	84	1680			
Keonjhar	Training-Rural youths	8 + VT- 6	80+30			
Keonjhar	Training- Extension functionaries	6	60			
Keonjhar	Extension Activities	826	-			
Keonjhar	Seed Production (Number of activity as seeds in quintal)	70Q	400			
Keonjhar	Planting material ((Number of activity as quantity of planting material in quintal)					
Keonjhar	Seedling Production (Number of activity as number of seedlings in numbers)	70,000 nos	400			
Keonjhar	Sapling Production (Number of activity as number of sapling in numbers)	6500 nos	450			
Keonjhar	Other Bio- products (No. of quantity) Mushroom spawn/ vermicompost/vermin	6000 nos./ 50Q/25kg	1000			
Keonjhar	Live stock products (fish fingerlings/ducklings/chicks)	20100 nos	40			
Keonjhar	Activities of Soil and Water Testing Laboratory	600 nos	450			
Keonjhar	Rainwater Harvesting System					

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	
Keonjhar	Kisan Mobile Advisory (KVK-KMA)	150	950			
Keonjhar	SAC Meeting (Date & no. of core/ official members)	1	25			
Keonjhar	Literature to be Developed/Published	30				
Keonjhar	Convergence programmes / Sponsored programmes	(1) 3nos	30			
Keonjhar	Utilization of Farmers Hostel	-				
Keonjhar	Utilization of Staff Quarters	2 no				
Keonjhar	Details of KVK Agro-technological Park	-				
Keonjhar	Crop Cafeteria-	-				
Keonjhar	Farm Innovators- list of 10 farm innovators from the District	2	2			
Keonjhar	Status of Revolving Funds					
Keonjhar	Awards and Recognitions	-	-			
Keonjhar	Case study / Success Story to be developed	4	4			
Keonjhar	KVK Progressive Farmers interaction	4	100			
Keonjhar	Outreach of KVK in the District (No. of blocks, no. of villages)	13	240			
Keonjhar	Technology Demonstration under Tribal Sub Plan	2	20			
Keonjhar	KVK Ring	3				
Keonjhar	Important visitors to KVK	3				
Keonjhar	Status of KVK Website	1				
Keonjhar	Status of RTI	-				
Keonjhar	E-connectivity	-				
Keonjhar	Details of Technology Week Celebrations	20	1090			
Keonjhar	Interventions on Drought Mitigation	2	50			
Keonjhar	Proposal of NAIP					
Keonjhar	Proposal of NICRA					
Keonjhar	Well labeled photographs					
Keonjhar	Other Activities					

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Keonjhar	Programme Coordinator	Mr. Mahamaya Prasad Nayak	Agriculture Extension	M.Sc (Ag)	Agri Extension	15,600-39,100+6000 (AGP)	19050	11.11.2011	Permanent	Others
Keonjhar	Subject Matter Specialist1	Mr. Tusar Ranjan Mohanty	Agronomy	M.Sc (Ag)	Agronomy	15,600-39,100+6000 (AGP)	19050	12.08.2011	Permanent	Others
Keonjhar	Subject Matter Specialist2	Mr. Sunil Kumar Mohapatra	Horticulture	M.Sc (Ag)	Vegetable Production	15,600-39,100+6000 (AGP)	19810	10.01.06	Permanent	Others
Keonjhar	Subject Matter Specialist3	Mr. Prasanta Kumar Nanda	Plant Protection	M.Sc (Ag)	Entomology	15,600-39,100+6000 (AGP)	19050	25.08.06	Permanent	Others
Keonjhar	Subject Matter Specialist4	Mr. Jibanjit Sen	Soil Science	M.Sc (Ag)	Soil Microbiology	15,600-39,100+6000 (AGP)	19050	26.06.06	Permanent	Others
Keonjhar	Subject Matter Specialist5	Dr. Satyajit Kumar Bhuyan	Fishery Science	PhD	Fisheries Resource Management	15,600-39,100+6000 (AGP)	19050	31.07.09	Permanent	Others
Keonjhar	Subject Matter Specialist6	Mrs. Bijaya Laxmi Sahu	Home Science	M.Sc (Ag)	Human Development	15,600-39,100+6000 (AGP)	19810	08.11.2011	Permanent	Others
Keonjhar	Programme Assistant	Mr. Gayadhar Shial	Forestry	B.Sc (Forestry)	Agro forestry	9,300-34,800+4200(GP)	11470	05.10.06	Permanent	S.C
Keonjhar	Farm Manager	Vacant								
Keonjhar	Computer Programmer	Mrs. Snigdha Rani Badu	Computer	B.Sc (IT&M)	Networking	9,300-34,800+4200(GP)	12550	12.07.2005	Permanent	Others
Keonjhar	Accountant / superintendent	Vacant								
Keonjhar	Stenographer	Mr. Kamal Lochan Mohanta		B.A.	Arts	5200-20200 2400(GP)	6430	16.07.09	Contractual	OBC

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Keonjhar	Driver	Mr. Ajay Kumar Lenka				5200-20200 1900(GP)	5640	21.07.08	Contractual	Others
Keonjhar	Driver	Mr. Anirudha Gochhayat				5200-20200 1900(GP)	5640	23.07.08	Contractual	SC
Keonjhar	Supporting staff	Mr. Chitta Ranjan Dehury				4440-7440 1300 (GP)	4800	29.07.08	Contractual	ST
Keonjhar	Supporting staff	Vacant								

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

A. Basic Information:

Agro-climatic zone	North Central Platue Zone
Agro-ecological situation (AES)	7
Total Geographical Area	8.31 lakh ha
Normal Rainfall	1487.7mm
Irrigated area	63308 ha (Kharif) 31897 ha (Rabi)
Cropping intensity	140
No. of Sub-division	3
No. of Blocks	13
No. of GPs	186
No. of Villages	2133

B. LAND UTILIZATION PATTERN

Forest Area	403680 ha
Cultivable Area	302000 ha
Cultivated Area	2,97,873 ha
A) Upland	158653 ha
B) Medium Land	99832 ha
C) Low Land	39388 ha
Mis. & Tree grooves	6000 ha
• Permanent Pasture	38000
Culturable waste	24447 ha
Land put to un agricultural use	34000
Barren and uncultivable land	27000

C. DEMOGRAPHIC PROFILE OF THE DISTRICT

Total Population	15.62 lakhs
• Schedule Caste	11.6 %
• Schedule Tribe	44.5%
• Others	43.9%
Population Density	188/sq. km
No. of farm families	213444
Small farmer	77,025
Marginal farmer	10,3016

Big farmer	33,403
Literacy percentage	51%

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

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

1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2012 to 31.3.2013 (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)
Keonjhar	Basudevpur	2008	Keonjhar	16	712	89
Keonjhar	Badadhanurjayapur	2008	Patna	48	1010	133
Keonjhar	Sitarampur	2009	Jhumpura	52	1230	212
Keonjhar	Kuspada	2010	Keonjhar	15	506	100
Keonjhar	Tentuli	2010	Banspal	12	320	66
Keonjhar	Dimirimunda	2011	Keonjhar Sadar	19	495	87

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

KVK Name	THRUST AREA
Keonjhar	Crop diversification and Intensification in Rainfed up lands
Keonjhar	Varietal replacement in field and vegetable crops
Keonjhar	Area and technology expansion for off-season vegetable cultivation
Keonjhar	Cultivation of more remunerative crops like onion, garlic, spices, broccoli etc.
Keonjhar	Area expansion of fruit crops and fruit based intercropping
Keonjhar	Soil health management through better and efficient utilization of farm residues
Keonjhar	Integrated nutrient management and correction of micronutrient deficiencies
Keonjhar	Management of problematic soil (Acidic and Iron toxicity)
Keonjhar	Enforcement of IPM strategies in crops with particular emphasis to plant diversity, botanicals, bio-pesticides and behavioural aspects
Keonjhar	Pond based integrated farming system for sustainable production and income
Keonjhar	Integrated nutrient and feed management for improving the pond productivity and high fish production
Keonjhar	Better management practices (BMP) in seasonal water bodies for higher fish production
Keonjhar	Introduction of fast growing and high value fish and shell fishes and adoption of advance culture practices
Keonjhar	Weed management practices in different crops
Keonjhar	Promotion of different agro-based enterprises for women empowerment
Keonjhar	Value addition in vegetables, underutilized fruits and tuber crops
Keonjhar	Medicinal plant cultivation
Keonjhar	Practicing agro-forestry and forest based intercropping
Keonjhar	Organization of farmers group

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
Keonjhar	Low yield & high risk of upland paddy	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit	
Keonjhar	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, focus group discussion, interaction with line department, field visit	
Keonjhar	Low yield in maize due to conventional variety, poor nutrient management, deficiency of Zn and B & soil acidity	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit	
Keonjhar	Low yield of wheat due to poor nutrient management, soil acidity & zinc deficiency	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit	
Keonjhar	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, focus group discussion, interaction with line department, field visit	
Keonjhar	Low yield in groundnut due to use of degenerated seeds of AK12-24, poor nutrient management, soil acidity, infestation of leaf minor and PNBV virus.	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit	
Keonjhar	Low yield in toria due to poor nutrient management, S deficiency and heavy incidence of mustard aphid and weber.	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit	
Keonjhar	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.	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit	
Keonjhar	Low yield in off season corrander due to local variety	Problem cause analysis, focus group discussion, interaction with line department, field visit	
Keonjhar	Low yield in tuber crops like sweet potato, yam and elephant foot yam due to traditional variety and	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit	

	conventional management practice.		
Keonjhar	Low yield in cabbage and cauliflower due to soil acidity, B deficiency and high infestation of DBM, collar rot and other insect pest.	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit	
Keonjhar	Low yield in arrow root due to conventional variety with traditional package of practice	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit	
Keonjhar	Low yield and poor fruit quality in brinjal due to heavy incidence of Shoot & fruit borer	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit	
Keonjhar	Low yield in okra due to the incidence of YVMV	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit	
Keonjhar	Low yield in cowpea due to inappropriate variety, poor nutrient management and high incidence of YMV	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit	
Keonjhar	Low level of family income and poor productivity from cross pollinated crop	PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit	
Keonjhar	Lack of suitable enterprise for the farm women and low house hold income	Livelihood analysis, SHG meet, group discussion.	
Keonjhar	Low egg production, slower growth rate and high mortality in local birds	Problem cause analysis, focus group discussion, interaction with line department,	
Keonjhar	Irregular planting of crops in backyard restricts the through out availability of vegetables, Malnutrition incidence among women & children, High price of vegetables	SHG meet, Problem cause analysis, focus group discussion	
Keonjhar	Low production of fish due to stocking of small fry with dis propersionate size and ratio, no/ poor supplementary feeding	Problem cause analysis, discussion with FIG, interaction with line department, field visit	
Keonjhar	Low production of fish due to under utilization of pond carrying capacity, no pre and post pond water fertilization for pond water productivity	Problem cause analysis, discussion with FIG, interaction with line department, field visit	
Keonjhar	Non adoption of pond based farming system for higher & sustainable return	Problem cause analysis, discussion with FIG, interaction with line department, field visit	

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	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										Farmer practice T1	Rec. Tech T2	T1	T2
Keonjhar	Kharif 2012	Low yield of jute due to heavy weed infestation	Assessment	Integrated weed management	Jute	Rainfed upland	0.4 ha	5	Assessment of new generation herbicide <i>Quizalofop ethyl</i> in jute				
Keonjhar	Kharif 2012	Low yield of medium duration high yielding variety	Assessment	Varietal replacement	Paddy	Irrigated medium land	1.0 ha	10	Assessment of medium duration paddy hybrid <i>JKRH-401</i>				
Keonjhar	Kharif /Pre-Rabi 2012	Low yield of Niger	Assessment	Cropping system	Niger + Cowpea	Rainfed upland	0.4	5	Assessment of Niger + Cowpea (4:2) intercropping system				
Keonjhar	Rabi 2012-13	Low yield of chickpea due to no fertilizer application	Assessment	Integrated Nutrient Management	Chickpea	Rainfed medium land	1.0 ha	10	Assessment of nutrient management in paira crop of chickpea				
Keonjhar	Kharif 2012	Low yield due to traditional variety, heavy	Assessment	Varietal Evaluation	Okra	Rainfed, Medium land	0.4 ha	5	Assessment of YVMV tolerant okra variety HYb.016				

		infestation of YVMV											
Keonjhar	Kharif 2012	Low yield due to weed problem	Assessment	Weed management	Tomato	Rainfed, Medium land	0.4ha	5	Application of herbicide <i>Metribuzine</i> at pre-emergence stage @ 200-300g/ac				
Keonjhar	Rabi, 2012-13	Low yield in traditional Garlic cultivars	Assessment	Varietal Evaluation	Garlic	Irrigated, Medium land	0.4 ha	5	Assessment of Garlic var. Jamuna Safed				
Keonjhar	Rabi 2012-13	Low yield due to indiscriminate use of fertilizer	Assessment	INM	Cauliflower	Irrigated, Medium land	0.4 ha	5	Assessment of INM practices in cauliflower				
Keonjhar	Kharif 2012	Low yield of rice due to heavy infestation of yellow stem borer	Assessment	IPM	Rice	Irrigated Medium land		5	Assessment of indoxacarb for management of yellow stem borer in rice				
Keonjhar	Rabi 2012-13	Crop damage due to Shoot and fruit and shoot borer	Assessment	IPM	Brinjal	Irrigated Medium land	0.4ha	5	Assessment of thiacloprid against Brinjal fruit and shoot borer				
Keonjhar	Rabi 2012-13	Low yield of cabbage due to heavy infestation of diamond back moth	Assessment	IPM	Cabbage	Irrigated Medium land	0.4ha	5	Assessment of fipronil for management of DBM in Cabbage				
Keonjhar	Kharif 2012-13	Low yield of Arhar due to heavy infestation of pod borer	Assessment	IPM	Arhar	Irrigated Medium land	0.4 ha	5	Assessment of bio-intensive IPM module against pod borer in Arhar				
Keonjhar	Kharif	Low yield	Assessment	INM	Paddy	Irrigated	1.0 ha	10	Assessment of				

	2012	and chaffyness of paddy due to Boron deficiency	nt			Medium land			Boron application in paddy				
Keonjhar	Kharif 2012	Low yield of groundnut due to improper nutrient management	Assessment	INM	Groundnut	Rainfed upland	1.0	10	Assessment of Lime (0.2LR) and Sulphur in Groundnut				
Keonjhar	Rabi 2012-13	Low yield of Cauliflower due to soil acidity and improper nutrient management	Assessment	INM	Cauliflower	Irrigated Medium land	0.4 ha	5	Assessment of pre-limed FYM inoculated with bio-fertilizer in Cauliflower				
Keonjhar	Rabi 2012-13	Low yield of field pea due to Sulphur deficiency	Assessment	INM	Field pea	Irrigated Medium land	0.4 ha	5	Assessment of Sulphur application in field pea				
Keonjhar	Summer, 2012	Huge amount of paddy straw used in paddy straw mushroom	Assessment	Mushroom cultivation	Mushroom	Backyard	10	10	Assessment of production milk mushroom	Yield (Kg/bed), Straw requirement /bed			
Keonjhar	Rabi, 2012-13	Low income and marketability in oyster mushroom	Assessment	Mushroom production	Mushroom	Homestead	3	3	Assessment of production of off season paddy straw mushroom inside lowcost polyhouse				
Keonjhar	Rabi, 2012-13	Drudgery due to manual threshing	Assessment	Drudgery reduction	Sunflower	Medium land irrigated	5	5	Assessment of Sunflower thresher for drudgery reduction	Efficiency :			
Keonjhar	2012/Kharif	Drudgery among farm	Assessment	Drudgery reduction	Enterprise	--	1	10	Assessment of groundnut Stripper	Efficiency :			

		women by manual stripping							for drudgery reduction of farm women.				
Keonjhar	Kharif 2012	Prevalence of water turbidity in newly excavated fish ponds hence low primary productivity	Assessment	Production and management	fish	Canal & rainfed small/ medium ponds	1 ha	4	Assessment of alum (Pottasium Aluminium Sulphate) in controlling the water turbidity in newly excavated pisciculture tanks				
Keonjhar	Kharif 2012	Traditional fish feed has low FCR and slow growth rate	Assessment	Production and management	fish	Canal & rainfed small/ medium ponds	1 ha	4	Assessment of floating fish feed pellet in growth and fish production				
Keonjhar	Kharif 2012	Prevalence of dissolve oxygen problems in fish ponds leads to mortality	Assessment	Production and management	fish	Canal & rainfed small/ medium ponds	1 ha	4	Assessment of efficacy of KMno4 to control the dissolve oxygen problem in pond water				
Keonjhar	Rabi 2012	Use of raw cow dung in winter make difficulty in water quality management	Assessment	Production and management	fish	Canal & rainfed small/ medium ponds	1 ha	4	Assessment of efficacy of synthetic organic manure (humic acid, fluvic acid etc.) for pond productivity management.				

2.1a Recommendations of OFTs

Recommendations		
Title of OFT	For Farmers	For Deptt. Personnel

2.2 Economic Performance

KVK name	OFT Title	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)					
		FP (T ₁)	RP (T ₂)		FP (T ₁)	RP (T ₂)		FP (T ₁)	RP(T ₂)		FP (T ₁)	RP (T ₂)				

3. Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years (upto 2011-12)

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
Keonjhar							
Keonjhar							
Keonjhar							

3.2 Details of FLDs to be implemented during 2012-13

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep - No.	Name of Variety Entreprises	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Keonjhar	Varietal Introduction	Maize	Kharif 2012	Demonstration of Sweet corn <i>Madhuri</i> , medium duration	0.4	Madhuri								5
Keonjhar	Integrated weed management	Rice	Kharif 2012	Demonstration of herbicide <i>Pyrazosulfuron ethyl</i> in direct sown upland paddy	0.4	-								5
Keonjhar	Varietal Evaluation	Rice	Kharif 2012	Performance evaluation of variety Manaswani over farmers variety	1.0	Manaswani								10
Keonjhar	Integrated weed management	Groundnut	Rabi 2012-13	Demonstration of herbicide <i>Oxyfluorfen</i> in ground nut @200ml/ha at 1- 2 DAS.	0.4	-								5

Keonjhar	Varietal evaluation	Bottle gourd	Kharif 2012	Demonstration of Bottle gourd variety: Rajendra Chamtkar	0.4	Rajendra chatmatkar													5
Keonjhar	Varietal evaluation	Cucumber	Kharif 2012	Demonstration of Cucumber variety, Khirsagar	0.4	Khirsagar													5
Keonjhar	INM	Cabbage	Rabi 2012-13	Demonstration of Integrated Nutrient Management in Cabbage	0.4	Rare ball													5
Keonjhar	Weed management	Tomato	Rabi 2012-13	Demonstration of Herbicide application (pendimethlin @5ml/lit at pre-emergence) in tomato	0.4	BT-10													5
Keonjhar	IPM	Rice	Kharif 2012	Demonstration of IPM modules (Rope dragging in Keratinized water, Release of <i>Trichogramma chilonis</i> @50,000/ha, Foliar application of Triazophos @ 0.02%) for control of leaf folder in Rice	1.0	Swarna													6

Keonjhar	IDM	Brinjal	Kharif 2012	Demonstration of management of Phomopsis blight in brinjal. (vitavax power @2gm /kg of seed and foliar application of vitavax power @2gm/liter of water twice at 15 days interval)	0.4	Greenstar									6
Keonjhar	IDM	Cabbage	Rabi 2012-13	Demonstration black rot disease management in Cabbage (Seedling root dip and foliar application with Streptocyclin @ 1g/10 litre of water and copper oxychloride @ 30g/10 liter of water)	0.4	Rareball									6
Keonjhar	IPM	Cucumber	Rabi 2012-13	Demonstration of Cucumber mosaic viral disease management (Seed treatment with imidachloprid and foliar application of acetamiprid, roguing of infected plants)	0.4	Sevenstar									6

Keonjhar	INM	Brinjal	Kharif-2012	Demonstration of Boron application in brinjal (Foliar application of 0.25 % Borax twice at fruiting stage)	0.4													5
Keonjhar	INM	Vermicompost	Kharif-2012	Vermicomposting with <i>Eisinea foetida</i>	10 nos	<i>Eisinea foetida</i>												10
Keonjhar	INM	Groundnut	Kharif-2012	Demonstration of Molybdenum and Cobalt application in Ground nut (Application of Molybdenum @ 3g /10 kg of seed and Cobalt @ 1g/ 10 kg of seed)	0.4	-												5
Keonjhar	INM	Greengram	Rabi 2012-13	Demonstration Sulphur application in Greengram (Basal application of Sulphur in furrows @ 30kg/ha along with basal dose of fertiliser at the time of sowing.)	0.4													5
Keonjhar	Fry and fingerlings rearing	Fish	Kharif-2012	Rearing carp fry to fish fingerlings with low stocking density@ 1.8 lakhs/ ha	1ha	Indian Major Carps												6

Keonjhar	Composite fish culture	Fish	Kharif-2012	Application of multivitamin & minerals along with feeds in composite fish culture @ 2% per kg of feed	1.5 ha	Indian Major Carps													6
Keonjhar	Composite fish culture	Fish	Kharif-2012	Rearing of fresh water prawn@10000 /ha along with Indian major carps	1ha	<i>M. rosenbergii</i> & Indian Major Carps													5
Keonjhar	Composite fish culture	Fish	Rabi-2013	Combine application of lime & turmeric power to eradicate ulcer diseases in winter (50kg/ha & 5 kg/ha)	1.5 ha	Indian Major Carps													6
Keonjhar	Drudgery reduction	Paddy parboiling unit	2012-13	Demonstration of Paddy parboiling unit	5ha	Paddy parboiling unit													5
Keonjhar	Livestock Production and management	Poultry	2012-13	Brooding of poultry chicks in backyard condition	250 nos	Vanaraja													10
Keonjhar	Mushroom production	Mushroom	2012-13	Demonstration of Paddystraw mushroom using scumbled straw as substrate	400 beds	V. volvacea													10
Keonjhar	Mushroom production	Mushroom	2012-13	Demonstration of oyster mushroom	400 beds	P. sajarcaju & P. florida													10

Keonjhar	AGF	Mangium	Kharif 2012	Plantation of Mangium saplings in unutilized farm bunds	0.1ha	Mangium									10
Keonjhar	AGF	Lac	Kharif 2012	Inoculation of Rangeen lac in palas trees	5 unit	Lac									5

3.3 Economic Impact of FLD

KVK Name	Name of Crop/Enterprise	Technology demonstrated	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
Keonjhar													

3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Keonjhar	Maize	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Keonjhar	Rice	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	-	-	
		Training for extension functionaries	-	-	
Keonjhar	Rice	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	-	-	
		Training for extension functionaries	-	-	
Keonjhar	Groundnut	Field days	1	40	
		Farmers Training	1	20	

		Media coverage	-	-	
		Training for extension functionaries	1	15	
Keonjhar	Bottle gourd	Field days	1	40	
		Farmers Training	2	40	
		Media coverage	1	Mass	
		Training for extension functionaries	1	15	
Keonjhar	Cucumber	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	1	Mass	
		Training for extension functionaries	-	-	
Keonjhar	Cabbage	Field days	1	40	
		Farmers Training	2	40	
		Media coverage	1	Mass	
		Training for extension functionaries	1	15	
Keonjhar	Tomato	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	1	Mass	
		Training for extension functionaries	1	15	
Keonjhar	Rice	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Keonjhar	Brinjal	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	1	-	
		Training for extension functionaries	1	15	
Keonjhar	Cabbage	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Keonjhar	Cucumber	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Keonjhar	Brinjal	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Keonjhar	Vermicompost	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	1	-	

		Training for extension functionaries	-	-	
Keonjhar	Groundnut	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Keonjhar	Greengram	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Keonjhar	Fish	Field days	1	40	
		Farmers Training	2	40	
		Media coverage	-	-	
		Training for extension functionaries	1	10	
Keonjhar	Fish	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	-	-	
		Training for extension functionaries	-	-	
Keonjhar	Fish	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	1	Mass	
		Training for extension functionaries	-	-	
Keonjhar	Fish	Field days	1	40	
		Farmers Training	1	20	
		Media coverage	1	Mass	
		Training for extension functionaries	-	-	
Keonjhar	Paddy	Field days			
		Farmers Training	1	10	
		Media coverage			
		Training for extension functionaries			
Keonjhar	Poultry	Field days	1	25	
		Farmers Training	1	20	
		Media coverage			
		Training for extension functionaries			
Keonjhar	Mushroom	Field days	1	25	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Keonjhar	Mushroom	Field days	1	30	
		Farmers Training	1	20	

Keonjhar	Mangium	Media coverage			
		Training for extension functionaries			
		Training for extension functionaries	1	10	
		Field days	2	80	
		Farmers Training	1	20	
		Media coverage	-	-	
Keonjhar	Lac	Training for extension functionaries	1	10	
		Field days	2	80	
		Farmers Training	1	20	
		Media coverage	-	-	
		Training for extension functionaries	1	10	

3.5 Details of FLD on crop hybrids.

Sr. No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
1	Keonjhar	Cabbage	Rare ball		5	0.4
2						

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

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested

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	
CP	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
RY	Rural Youth
IS	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, 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
Keonjhar	Farmer and Farm woman			
Keonjhar	Rural Youth			
Keonjhar	Extension Personnels			

Table 5.2. Details of Training programmes to be conducted by the KVKs.

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	7	8		9	10	11	12	13	14			
Keonjhar	FW	OFC	CP	Miaze based intercropping system	1	1	20									
Keonjhar	FW	OFC	CP	IWM in upland paddy	1	1	20									
Keonjhar	FW	OFC	CP	Package and practices of hybrid paddy cultivation	2	2	20									
Keonjhar	FW	OFC	CP	Integrated weed management in jute	1	1	20									
Keonjhar	FW	OFC	CP	Production technology of Sweetcorn	1	1	20									
Keonjhar	FW	OFC	CP	Management of paira cropping of chickpea	1	1	20									
Keonjhar	FW	OFC	CP	Production technology of hybrid Maize cultivation	1	2	20									
Keonjhar	FW	OFC	CP	Weed and water management of groundnut	1	2	20									
Keonjhar	FW	OFC	CP	Production technology of hybrid Sunflower	1	2	20									
Keonjhar	FW	OFC	CP	Nursery preparation techniques in SRI	1	1	20									
Keonjhar	FW	OFC	CP	Weed and water management in SRI	1	1	20									
Keonjhar	FW	OFC	CP	Cultivation technology of pulses	1	2	20									
Keonjhar	FW	OFC	HOF	Improved cultivation practices of mango	1	1	20									
Keonjhar	FW	OFC	HOV	Off-season radish cultivation	1	1	20									

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	7	8		9	10	11	12	13	14		
Keonjhar	FW	OFC	HOV	Improved cultivation practices of cowpea	1	1	20								
Keonjhar	FW	OFC	HOF	Propagation techniques of mango and cashew	1	1	20								
Keonjhar	FW	OFC	HOV	Improved cultivation techniques of okra	1	1	20								
Keonjhar	FW	OFC	HOV	Bio-fertilizer application techniques in tomato	1	1	20								
Keonjhar	FW	OFC	HOV	Improved cultivation techniques of amaranthus	1	1	20								
Keonjhar	FW	OFC	HOV	Herbicide application in tomato	1	1	20								
Keonjhar	FW	OFC	HOV	INM in cauliflower	1	1	20								
Keonjhar	FW	OFC	HOV	Improved cultivation techniques of bottle guard	1	1	20								
Keonjhar	FW	OFC	HOV	Nursery raising techniques of vegetables	1	1	20								
Keonjhar	FW	OFC	HOO	Improved cultivation practices of rose and gladioli	1	1	20								
Keonjhar	FW	OFC	HOV	Grading and packing of different fruits and vegetables	1	1	20								
Keonjhar	FW	OFC	HOV	Improved cultivation techniques of cucumber	1	1	20								
Keonjhar	FW	OFC	HOS	Package and practices of ginger and turmeric	1	1	20								
Keonjhar	FW	OFC	PLP	Seed treatment techniques in different crops	1	1	20								
Keonjhar	FW	OFC	PLP	Integrated management of leaf folder in rice	1	1	20								
Keonjhar	FW	OFC	PLP	Integrated management of shoot and fruit borer in brinjal	1	1	20								
Keonjhar	FW	OFC	PLP	Integrated management of cucumber mosaic disease	1	1	20								
Keonjhar	FW	OFC	PLP	Integrated disease management of phomosis blight in brinjal	1	1	20								
Keonjhar	FW	OFC	PLP	Integrated management of Red spider mite in Brinjal	1	1	20								
Keonjhar	FW	OFC	PLP	Integrated management of leaf curl disease in chilli	1	1	20								
Keonjhar	FW	OFC	PLP	Integrated management of	1	1	20								

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	7	8	9	10	11	12	13	14			
				black rot disease in cabbage											
Keonjhar	FW	OFC	PLP	Integrated management of wilt in solanaceous crops (tomato, brinjal, chilli)	1	1	20								
Keonjhar	FW	OFC	PLP	Integrated management of pod borer in Arhar	1	1	20								
Keonjhar	FW	OFC	PLP	IPM for yellow stem borer in Rice	1	1	20								
Keonjhar	FW	OFC	PLP	IPM for diamond back moth in cabbage	1	1	20								
Keonjhar	FW	OFC	SFM	Application techniques of micronutrient in paddy.	1	1	20								
Keonjhar	FW	OFC	SFM	Methods of biofertilizer application in cole crops	1	1	20								
Keonjhar	FW	OFC	SFM	Management of iron toxicity in rice	1	1	20								
Keonjhar	FW	OFC	SFM	Importance of Soil testing and soil sample collection technique	2	2	20								
Keonjhar	FW	OFC	SFM	Application technique of lime and biofertilizer in G. Nut	1	1	20								
Keonjhar	FW	OFC	SFM	S application in Mustard	1	1	20								
Keonjhar	FW	OFC	SFM	Simple composting techniques	1	1	20								
Keonjhar	FW	OFC	SFM	Recycling of crop residues by improved methods.	1	1	20								
Keonjhar	FW	OFC	SFM	Nutrient management in pulse crops.	1	2	20								
Keonjhar	FW	OFC	SFM	Methods of lime application in Acid soil	1	1	20								
Keonjhar	FW	ONC	FIS	Pre-stocking pond preparation and management in fish culture	2	2	40								
Keonjhar	FW	ONC	FIS	Fish fry to fingerling rearing	1	1	20								
Keonjhar	FW	OFC	FIS	Package practices for duck-cum-fish culture	2	2	40								
Keonjhar	FW	OFC	FIS	Fish feed preparation from locally available fish feed ingredients	1	1	20								
Keonjhar	FW	OFC	FIS	Multiple stocking and harvesting techniques of pisciculture	1	1	20								
Keonjhar	FW	OFC	FIS	Post stocking pond management techniques in fish culture	2	2	40								
Keonjhar	FW	OFC	FIS	Stunted fish fingerling production techniques	1	1	20								
Keonjhar	FW	OFC	FIS	Common fish diseases and their control in fish culture	1	1	20								

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	7	8	9	10	11	12	13	14			
Keonjhar	FW	OFC	FIS	Pond management practices during winter period	1	1	20								
Keonjhar	FW	OFC	WOE	Cultivation of paddy straw mushroom	1	1	20								
Keonjhar	FW	OFC	WOE	Backyard poultry rearing	1	1	20								
Keonjhar	FW	OFC	WOE	Plant protection measures for nutritional garden	1	1	20								
Keonjhar	FW	OFC	WOE	Selection of suitable varieties for vegetable cultivation	1	1	20								
Keonjhar	FW	OFC	WOE	Cultivation practice of Oyster mushroom	1	1	20								
Keonjhar	FW	OFC	WOE	Techniques of vermicomposting	1	1	20								
Keonjhar	FW	OFC	WOE	Goatery management	1	1	20								
Keonjhar	FW	OFC	WOE	Safe storage of grain	1	1	20								
Keonjhar	FW	ONC	WOE	Use of durgery reduction implements	1	1	20								
Keonjhar	FW	ONC	WOE	Care and management of milch animals	1	1	20								
Keonjhar	FW	OFC	AGF	Nursery raising technology of suitable forest trees	1	1	20								
Keonjhar	FW	OFC	AGF	Techniques of raising and maintenance of Mangium trees	1	1	20								
Keonjhar	FW	OFC	AGF	Techniques of raising and maintenance of Gambhar trees	1	1	20								
Keonjhar	FW	OFC	AGF	Propatation of bamboo through vegetative method	1	1	20								
Keonjhar	FW	OFC	AGF	Pruning techniques of palas tree for Rangeen brood Lac inoculation	1	1	20								
Keonjhar	FW	OFC	AGF	Pruning techniques of Kusum trees for Kusumi brood Lac inoculation	1	1	20								
Keonjhar	FW	OFC	AGF	Collection, processing and handling of TBOs for maximum income.	1	1	20								
Keonjhar	FW	OFC	AGF	Pruning techniques of suitable species of vanya sericulture	1	1	20								
Keonjhar	FW	OFC	AGF	Energy plantation for fuel wood security	1	1	20								
Keonjhar	FW	OFC	AGF	Seed treatment techniques of forest seeds	1	1	20								
Keonjhar	FW	OFC	AGF	Propagation techniques of teak saplings from stump	1	1	20								
Keonjhar	RY	ONC	CP	Cultivation technology of fodder crops	1	2	10								
Keonjhar	RY	ONC	SFM	Vermicomposting	1	3	10								

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	7	8	9	10	11	12	13	14			
Keonjhar	RY	ONC	CP	Seed production techniques in paddy	1	3	10								
Keonjhar	RY	ONC	AGF	Tree based cropping system	1	3	10								
Keonjhar	RY	ONC	AGF	Cultivation of lac	1	3	10								
Keonjhar	RY	ONC	HOP	Grafting techniques of cashew	1	3	10								
Keonjhar	RY	ONC	HOV	Hi-tech nursery raising in vegetables	1	3	10								
Keonjhar	RY	ONC	FIS	Backyard breeding and rearing of common ornamental fishes	1	2	10								
Keonjhar	IS	ONC	HOV	Production technology for vegetables	1	1	10								
Keonjhar	IS	ONC	PLP	IPM in Pulses	1	1	10								
Keonjhar	IS	ONC	FIS	Recent advances in pond water productivity management	1	1	10								
Keonjhar	IS	ONC	AGF	Medicinal plant cultivation	1	1	10								
Keonjhar	IS	ONC	CP	Conservation agriculture for improvement of livelihood of tribals of Keonjhar district	1	1	10								
Keonjhar	IS	ONC	SFM	Management of Acid Soil	1	1	10								

Table 5.3. Details of Vocational training programmes for Rural Youth to be conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries						
					SC		ST		Others		
					M	F	M	F	M	F	
Keonjhar	Backyard breeding and rearing of common ornamental fishes	Enterprise	Alternative livelihood option	5							
Keonjhar	Seed production techniques in solanaceous crops (Tomato and brinjal)	Crop	Seed production	5							
Keonjhar	Commercial mushroom production	Enterprise	Alternative livelihood option	5							
Keonjhar	Honey bee keeping	Enterprise	Alternative livelihood option	5							
Keonjhar	Techniques of Compost preparation	Enterprise	Alternative livelihood option	5							
Keonjhar	Organic farming	Enterprise	Alternative livelihood option	5							

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	
Keonjhar	Hatchery and Seed production techniques in Indian Major Carps				

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/RY/IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		

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

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

Table 5.7 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			
Keonjhar	Field Day	26										
Keonjhar	Kisan Mela	2										
Keonjhar	Kisan Ghosthi	4										
Keonjhar	Exhibition	2										
Keonjhar	Film Show	45										
Keonjhar	Method Demonstrations	20										
Keonjhar	Farmers Seminar	2										
Keonjhar	Workshop	1										
Keonjhar	Group meetings	22										
Keonjhar	Lectures delivered as resource persons	50										
Keonjhar	Newspaper coverage	18										
Keonjhar	Radio talks	15										
Keonjhar	TV talks	4										
Keonjhar	Popular Articles	12										
Keonjhar	Extension Literature	10										
Keonjhar	Farm Advisory Services	-										
Keonjhar	Scientific visit to farmers field	160										
Keonjhar	Farmers Visit to KVK	350										
Keonjhar	Diagnostic Visits	60										
Keonjhar	Exposure Visits	10										
Keonjhar	Ex-trainees Sammelan	2										
Keonjhar	Soil Health Camp	1										
Keonjhar	Animal Health Camp	1										
Keonjhar	Agri Mobile Clinic	-										
Keonjhar	Soil Test Campaigns	4										
Keonjhar	Farm Science Club conveners meet	1										
Keonjhar	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
Keonjhar	Cereals							
Keonjhar		Rice	Khandagiri	SD	35	Qtl.	35,000	120
Keonjhar			Lalat	SD	25	Qtl.	25,000	80
Keonjhar	Green manure	Dhanicha	-	SD	10	Qtl	20,000	200
Keonjhar		Medicinal plants	-	PM	2000	Nos	10,000	100
Keonjhar	Forest species	Acasia mangium	-	PM	1500	Nos	7,500	150
Keonjhar	Fruits	Papaya	Ranchi Dwarf	PM	3000	Nos	15,000	200
Keonjhar	Vegetables	Tomato	BT-10	PM	50,000	Nos	15000	100
Keonjhar		Chilli	Utkal Ava	PM	5000	Nos	1500	100
Keonjhar		Cabbage	Riya Hybrid	PM	5000	Nos	2500	50
		Brinjal	Green star	PM	10000	Nos	5000	150

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	
Keonjhar											

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	
Keonjhar	BIOAGENTS				
Keonjhar	BIOFERTILIZERS (Vermicompost)	50q	15000	25000	
Keonjhar	BIOFERTILIZERS (Vermin)	25kg	5500	10000	
Keonjhar	Mushroom spawn	6000 nos	4000	2000	
Keonjhar	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	
Keonjhar	Cattle						
Keonjhar	Buffalo						
Keonjhar	Sheep and Goat						
Keonjhar	Poultry	Vanaraja & Gramapriya	Chicks	500	17500	22500	
Keonjhar		Khaki Campbel	Chicks	500	19000	22500	
Keonjhar	Fisheries	Catla, Rahu, Mirgal	Fish	20000			
Keonjhar	Others (Specify)						

8. Activities of Soil and Water Testing Laboratory

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

Year of establishment : - 2007

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
Keonjhar	Soil Sample	600	600	40	-	3000
Keonjhar	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
Keonjhar										
Keonjhar										
Keonjhar										

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	
Keonjhar				
Keonjhar	150	950/ message	50	INM,IPM,IFS, Production and management, Mushroom, Weed management, Variety etc.,.

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Keonjhar	10.07.2012	25	
Keonjhar			
Keonjhar			

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

12.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Keonjhar	June	April 2012-June 2012	500	500
Keonjhar	September	July 2012 – Sept 2012	500	500
Keonjhar	December	Oct 2012 – Dec 2012	500	500
Keonjhar	March	Jan 2013 – Mar 2013	500	500

12.2 Details of Electronic Media to be Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Keonjhar	CD	Medicinal plants	1

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	4			100	100
Technical reports	5			20	20
Popular article	8			100	100
News paper coverage	16			50	50
Year Planner	1	March 2012	April2012-march2013	200	190
Others (pl. specify)					

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
Keonjhar	ATMA	State	1,00,000	FPR Trial	4.0	
Keonjhar	MNREGA					
Keonjhar	NHM					
Keonjhar	RKVY					
Keonjhar	DRDA					
Keonjhar	Zila Panchyat					
Keonjhar	Seed Village					
Keonjhar	NAIP					
Keonjhar	Climate Change					
Keonjhar	Others (Plz. Specify)					

14. Utilization of Farmers Hostel.

Accommodation available (No. of beds): Damaged condition

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)
Keonjhar							
Keonjhar							
Keonjhar							

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
Keonjhar		2005	1	-	
Keonjhar	2011 (3 nos.)	2011	1	2	

**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.)

b) Details about Technology Park

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

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria

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	Keonjhar	Yellow sticky trap	Laxmidhar Mohanta	-

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
1	May 2012	25
2	August 2012	25
3	September 2012	25
4	February 2012	25

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Keonjhar	7	6	58	182

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
1	Groundnut	10 acres	2	
2	Maize	10 acres	2	

21. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	KVK, Deogarh	Sharing of soil testing facility, sharing of man power, sharing quality planting material and machinery etc.	
2	KVK, Baripada		

22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Keonjhar	Ms. Biraj Swain, Expert, Governance Essential Services & Plurosing Science Policy, World Bank Mission on Mining and Environment	05. 05.2011	Visit
Keonjhar	RKVY Team	17.01.2011	Inspection of RKVY Infrastructure work
Keonjhar	Dr. R.K. Raj	10.07.2011	Attending SAC Meeting

23. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Keonjhar	23.11.2010	1	

24. Status of RTI

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

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			
Keonjhar							

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Keonjhar	Gosthies	1	30	Mushroom
Keonjhar	Farmer Scientist interaction	1	30	Diseases of Horticultural crops
Keonjhar	Film show	1	50	ICAR CDs
Keonjhar	Focus group discussion	1	25	Off season vegetable cultivation
Keonjhar	Awareness camp	1	40	Soil testing , medicinal plant cultivation
Keonjhar	FIG meeting	1	25	Duck-cum- fish farming
Keonjhar	Ex-trainee Sameelan	1	20	Integrated farming system
Keonjhar	Farm Visit	1	25	
Keonjhar	Diagnostic Practical's	-	-	
Keonjhar	Distribution of Literature (No.)	200	200	IPM, INM, IFS
Keonjhar	Distribution of Seed (q)			
Keonjhar	Distribution of Planting materials (No.)	6000	300	Vegetable seedling
Keonjhar	Bio Product distribution (Kg)	-	-	
Keonjhar	Bio Fertilizers (q)	1	1q	Vermicompost
Keonjhar	Distribution of fingerlings (No)	-	-	
Keonjhar	Distribution of Livestock specimen (No.)	1	100	Vanaraja chicks
Keonjhar	Total number of farmers visited the technology week	8	245	

27. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
1	Keonjhar	Oil seeds	15	25
2	Keonjhar	Pulses	15	25

Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
1	Keonjhar	Oilseeds	15	25
2	Keonjhar	Pulses	15	25
3	Keonjhar	Cereals	10	20
4	Keonjhar	Vegetable crops		
5	Keonjhar	Tuber crops	8	20
6	Keonjhar	Fruits		
7	Keonjhar	Spices		
8	Keonjhar	Cotton		
		Total	48	90

Farmers-scientists interaction on livestock management

Sl. No.	Name of KVK	Livestock components	Number of interactions	No.of participants
1	Keonjhar	Dairy Management		
2	Keonjhar	Disease management	1	30
3	Keonjhar	Feed and fodder technology	1	40
4	Keonjhar	Poultry management	2	50

Animal health camps to be organized

Name of KVK	Number of camps	No.of animals	No.of farmers
Keonjhar	1	150	150

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				
Keonjhar	Acasia mangium, Gambhar, Papaya, Mango, Tomato Chilli, Cabbage, Brinjal	77,000	1 ha	900

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
Keonjhar	Vermicompost	50000	-	100

Vermis Produced

Name of KVK	Vermis Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Keonjhar	Vermis	0.25		30

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and of resource conservation technologies introduced	Area (ha)	Number of farmers
Keonjhar	Pairst cropping in rice fallow	10	50

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
Keonjhar	1	25	1	30	2	60	1	100	1	50	6	150

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.)
Keonjhar				
Keonjhar				
Keonjhar				

31. Awards & Recognitions

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

32. 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

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)