

**ANNUAL PROGRESS REPORT**  
**April 2014 to March 2015**

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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 by creating heading “Additional Information”
9. Also read the instructions mentioned just below the table
10. Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format
11. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.
12. Gray color cells in summary table need not to be filled.
13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Horse gram, Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).  
Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).  
Fruits :- Mango, Guava, Custard apple, Pear etc.  
Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.

**REPORTING PERIOD – April 2013 to March 2014**

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2013-14

S.N	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	20		260
	On Going OFT	-		
	Technologies assessed (Completed OFT)	20		229
	Technologies refined	-		
	On farm trials conducted	20		229
2	Frontline demonstrations			
	Proposed Frontline demonstrations	23		147
	On Going Frontline demonstrations	-		
	FLDs conducted on crops	21		199
	Area under crops (ha.)	27.2		
	FLD on farm implement and tools	-		
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	-		
	FLD on Fisheries - Finger lings	-		
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	-		
	FLD on Women in Agriculture - ( Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	-		
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	58	58	1450
	Farm women	-		
	Rural youth	10	15	150
	Extension personnel/ In service	10	16	100
	Vocational trainings	-		
	Sponsored Training	10	50	200
	<b>Total</b>	88	139	1900
		No. of programmes	Participants	

4	Extension Programmes	568	4795
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)
	Seed (qt.)	265.78	40
	Planting material produced (nos.)	24520	128
6	Livestock	Qty	Beneficiaries (nos.)
	Livestock strains ( Nos)	-	
	Milk Yield - Cow, Buffelo etc. (in liter)	-	
	Fish (Kg.)	-	
	Fingerlings (nos.)	4.0 lacs	04
	Poultry-Eggs (nos.)	-	
	Ducks (nos.)	-	
	Chicks etc. (nos.)	1750	150
7	Bio Products	Qty	Beneficiaries (nos.)
	Bio Agents -Earth worm (Kg.)	0.02	04
	Trichoderma (kg.)		
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	Vermicompost-1900	20
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	-	
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)	03	-
	Publications ( Res. Paper/ pop. Art./Bulletin,etc.)	07	-
	KVK News letter	02	-
	SAC Meetings conducted	02	75
	Soil sample tested	400	105
	Water sample tested	10	10
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	-	
	KVK-KMA (Message and beneficiaries)	140	1026
	Convergence programmes	01	-
	Sponsored programmes	10	200
	KVK Progressive Farmers interaction	02	100
	No. of Technology Week Celebrations	-	
	Attended HRD activities organized by ZPD	08	11
	Attended HRD activities organized by DES	09	17
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc. )	04	06

9	Current status of Revolving Funds ( Amt. in Rs.)	1,56,168/-	
10		No. of blocks	No. of villages
	Outreach of KVK in the District	12	142
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)	01	11 12
12		Working (Yes/No)	No. of Update
	Status of KVK Website	Yes	05
13		Application received	Application disposed
	Status of RTI (nos.)	No	-
14		Query received	Query dissolved
	Citizen Charter (nos.)	-	
15		Working (Yes/No)	No. of programme viewed
	E-connectivity	Yes	-
16		Filled	Vacant
	Staff Position	14	02
17	Workshop/ Seminar/ Conference attended by staff of KVK ( nos)	04	
18	Publication received from ICAR /other organization (nos.)	02	
19		Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	-	

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2015

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Kalahandi	16	1	1	6	6	3	3	6	4	16	14

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
Kalahandi	Programme Coordinator	Dr. Ranjan Kumar Tarai	Horticulture	Ph.D.	Fruits and Orchard Management	15,600-39,100 with AGP-8000/-	17040	05.09.12	Permanent	Others
Kalahandi	Subject Matter Specialist1	Gyanaranjan Sahoo	Forestry	M.Sc. (Forestr y)	Forestry	15,600-39,100 with AGP-6000/-	19050	19.09.09	Permanent	Others
Kalahandi	Subject Matter Specialist2	Madhumita Jena	Extension	M.Sc. (Ag.)	Ag. Extension	15,600-39,100 with AGP-6000/-	18320	08.04.10	Permanent	Others
Kalahandi	Subject Matter Specialist3	Ganesh Prasad	Crop Production	M.Sc. (Ag.)	Pulses	15,600-39,100 with AGP-6000/-	17610	29.03.11	Permanent	Others
Kalahandi	Subject Matter Specialist4	Tulasi Majhi	Horticulture	M.Sc. (Ag.)	Post-harvest management	15,600-39,100 with AGP-6000/-	16920	22.05.12	Permanent	ST
Kalahandi	Subject Matter	Tapan Kumar	Plant	M.Sc	Entomology	15,600-	18320	10.02.14	Permanent	Others

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
	Specialist5	Das	protection	(Ag)		39,100 with AGP-6000/-				
Kalahandi	Subject Matter Specialist6	Lata Malik	Soil Science	M.Sc. (Ag.)	Soil Science/Soil fertility/Microbiology	15,600-39,100 with AGP-6000/-	19050	05.05.06	Permanent	SC
Kalahandi	Programme Assistant	Sipra Das	Soil Science	M.Sc (Ag.)	Soil Science/Soil fertility/Microbiology	9,300-34,800	9300	02.02.2015	Permanent	Others
Kalahandi	Farm Manager	Priyadarsini Swain	Plant Breeding & genetics	M.Sc. (Ag.)	Plant Breeding and Genetics	9,300-34,800	10130	09.04.12	Permanent	Others
Kalahandi	Computer Programmer	Dillip Kumar Barik	Computer Science	B.com	TALLY	9,300-34,800	9300	04.12.12	Permanent	Others
Kalahandi	Accountant / superintendent	Kailash Chandra Mishra	Section Officer	B.A.	--	9,300-34,800	12930	01.02.14	Permanent	Others
Kalahandi	Stenographer	Vacant	-	-	-	-		-	-	-
Kalahandi	Driver	Keshab Chandra Sa	-	Matric	-	5,200-20,200	6360	19.07.08	Permanent	OBC
Kalahandi	Driver	Vacant	-	-	-	-		-	-	-
Kalahandi	Supporting staff	Bhuta Naik		Class V		4440/- to 7440/-	5380	26.07.08	Permanent	SC
Kalahandi	Supporting staff	Sangita Goud	-	Class IV	-	4750/- to 14680/-	4750	-	-	-

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

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Kalahandi	Western undulating	13	273	1335494	45.94%	618592	162087	0.29 ha

## 1.3. DETAILS OF ADOPTED VILLAGE during the reporting period (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Kalahandi	Dumal	2012	Bhawanipatna	10	800	150
Kalahandi	Goudtola	2012	Kesinga	35	450	80
Kalahandi	Dahal	2009	Narla	40	150	40
Kalahandi	Purunaguma	2008	Th. Rampur	45	200	35
Kalahandi	Kendupati	2008	Junagarh	40	500	28

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

KVK Name	THRUST AREA
Kalahandi	Crop substitution replacing mono cropping of paddy particularly in upland
Kalahandi	IPM strategies for paddy, cotton and vegetables
Kalahandi	Integrated crop management practices for vegetables
Kalahandi	Weed management
Kalahandi	Popularization of wilt resistant varieties of tomato and brinjal
Kalahandi	Introduction of low cost improved agricultural implements for small and marginal farmers
Kalahandi	Backyard poultry and duckery for income generation
Kalahandi	Development of integrated fish farming with livestock and agriculture
Kalahandi	Development of integrated fish farming with livestock and agriculture
Kalahandi	Entrepreneurship development
Kalahandi	Drudgery reduction in women
Kalahandi	Soil test based fertilizer application for sustainable yield

## 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
Kalahandi	Low yield of paddy in upland and under monoculture cropping pattern	PRA, Group Discussion and Response Analysis	Kendupati, Junagarh
Kalahandi	Low profit from cultivation of traditional old rice varieties susceptible to pest and diseases	Group Discussion and Response Analysis	Kendupati, Junagarh
Kalahandi	Heavy weed infestation, imbalance nutrition and improper management of soil health	Group Discussion and village survey	Dahal, Narla
Kalahandi	High incidence of insect pest results in poor yield of different crops	Group Discussion and Response Analysis	Dahal, Narla
Kalahandi	Low yield in cotton owing to heavy infestation of bollworms & sucking pest and improper crop management practices.	Focused group Discussion and Response Analysis	Dumal, Bhawanipatna
Kalahandi	Low profit from imbalance fertilizer application without soil testing	Group Discussion and Response Analysis	Dumal, Bhawanipatna
Kalahandi	Bacterial and fungal wilt in solanaceous vegetables.	Group Discussion and Response Analysis	Dumal, Bhawanipatna
Kalahandi	Low profit from traditional variety of vegetable cultivation	Diagnostic field visit, Group Discussion and Response Analysis	Goudtola, Kesinga
Kalahandi	Non utilization of dried out reservoir/ river bed	Focused group Discussion and Response Analysis	Kendupati, Junagarh
Kalahandi	Wastage of paddy straw and cotton stubbles in the field.	Group Discussion and Response Analysis	Goudtola, Kesinga
Kalahandi	Broadcasting of sunflower in pulses with poor nutrient management leading to low yield.	Diagnostic field visit, Group Discussion and Response Analysis	Goudtola, Kesinga
Kalahandi	Poor egg laying capacity and high mortality of indigenous poultry bird.	Group Discussion and Response Analysis	Purunaguma, Th. Rampur
Kalahandi	No value addition of surplus farm produce	Focused group Discussion and Response Analysis	Purunaguma, Th. Rampur
Kalahandi	Indiscriminate use of pesticides and chemical fertilizers in cereals and vegetable.	Group Discussion and Response Analysis	Goudtola, Kesinga
Kalahandi	Inadequate pre and post stocking management with improper size and species combination.	Group Discussion and Response Analysis	Kendupati, Junagarh

Kalahandi	Lack of awareness of harvesting of paddy straw for mushroom cultivation.	Group Discussion and Response Analysis	Dumal,Bhawanipatna
Kalahandi	Malnutrition and drudgery of the people.	PRA, Group Discussion and Response Analysis	Kendupati, Junagarh
Kalahandi	Cultivation of local maize varieties results low production	PRA, Group Discussion and Response Analysis	Dahal, Narla
Kalahandi	Improper crop management practices and use of local cultivars causes low yield in sunflower	Diagnostic field visit, Focused group Discussion and Response Analysis	Dahal, Narla
Kalahandi	Unavailability of FYM/ organic inputs	Group Discussion and Response Analysis	Goudtola,Kesinga
Kalahandi	Indiscriminate use of pesticides enhances cost and resulting in residue problem.	Diagnostic field visit, Group Discussion and Response Analysis	Dumal,Bhawanipatna
Kalahandi	Lack of awareness of harvesting of paddy straw for mushroom cultivation.	Group Discussion and Response Analysis	Dumal,Bhawanipatna
Kalahandi	Cultivation of local maize varieties results low production	PRA and Response Analysis	Dahal,Narla
Kalahandi	Traditional method of production system in mustard and niger	PRA, Group Discussion and Response Analysis	Dahal,Narla
Kalahandi	Improper crop management practices and use of local cultivars causes low yield in sunflower	PRA, Group Discussion and Response Analysis	Dahal,Narla
Kalahandi	Unavailability of FYM/ organic inputs	Village survey, Group Discussion and Response Analysis	Goudtola,Kesinga
Kalahandi	Indiscriminate use of pesticides enhances cost and resulting in residue problem.	Diagnostic field visit, Group Discussion and Response Analysis	Dahal,Narla
Kalahandi	Low yield of pulses(green gram and black gram) and oil seed(sunflower, groundnut) because of non-descript cultivars and traditional package of practices	PRA, Group Discussion and Response Analysis	Goudtola, Kesinga
Kalahandi	Improper utilization of uplands, hilly terrain and undulated land	Group Discussion and Response Analysis	Purunaguma, Th.Rampur

## 2. On Farm Testing

Note-

\* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.

\*Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.

\*Don't press enter key to navigate among column use arrow or tab key

\*don't add space before or after statement within the table cell

### 2.1 Information about OFT

KV K nam e	Ye ar	Seas on	Proble m diagno se	Title of OFT	Category of technolog y (Assessm ent/ Refineme nt)	Themati c Area	Crop/ enterpri se	Farmin g Situatio ns	No. of trial s	Results (q/ha)			Net Returns (Rs./ ha)			Recommenda tions
										FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	T 3	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	T 3	
Kal aha ndi	201 4- 15	Khar if	Low yield is witness ed due to weed infestati on.	Assessme nt of Brown manuring in upland paddy .	Assessmen t	Integrate d Nutrient Manage ment	Paddy	Rainfed	13	26.2 3	32.31-	-	15,1 73	21,94 2	-	
Kal aha ndi	201 4- 15	Khar if	-	Assessme nt of scented rice'Nua Acharmati , 'Purunabh og' and 'Kalajira' in medium	Assessme nt	Varietal evaluatio n	Paddy	Rainfed	10	14.1	20.5 18.3 20.0	-	20,5 80	44,900 40,200 47,000	-	

				land													
Kalaha ndi	2015	Rabi	The crop Yield gets hampered due to heavy weed infestation.	Assessment of Integrated weed management in Groundnut (Oxyfluorfen, quizalofop Ethyl, imazethapyr)	Assessment	Integrated Weed Management	Groundnut	Irrigated	10	15.4	20.2 19.7 18.6	-	37,600	58,000 55,800 51,900			
	2015	Rabi	Lesser yield due to use of local sugarcane sett.	Assessment of Sugarcane variety "Nilamadh ab	Assessment	Varietal evaluation	Sugarcane	Irrigated	10	Continuing							
Kalaha ndi	2014-15	Kharif	Low yield and low productivity due to no use of zinc in paddy	Assessment of Zinc enhancement in paddy	Assessment	Integrated Nutrient Management	Paddy	Rain fed	13	31.1	35.24	-	15885	19795			
Kalaha ndi	2014-15	Kharif	Lesser yield due to non use of	Assessment of biofertilizer application	Assessment	Integrated Nutrient Management	tomato	Rain fed	13	172.12	206.5		35575	43649			

			required amount of NPK and Bio-fertilizer.	n in Tomato		ment										
Kalaha ndi	2015	Rabi	Lesser yield of Mustard due to no use of zinc sulphate and Boron	Assessment of INM in Mustard	Assessment	Integrated Nutrient Management	Mustard	Irrigated medium land	13	5.3	6.91	12540	179222			
Kalaha ndi	2015	Rabi	Low fruiting and less yield	Assessment of foliar application of DAP 2% and NAA in Greengram	Assessment	Integrated Nutrient Management	Greengram	Irrigated medium land	13	5.6	7.8	15620	25240			
Kalaha nd	2014-15	Kharif	The crop growth is stunted due to blast	Assessment of Isoprothialine (Fuji one) for management of blast disease in paddy	Assessment	Disease management	Rice	Rainfed	08	40.2	44.6	17,470	22,670			

Kalaha nd	2014-15	Kharif	Sucking pest causes maximum damage to the plant during vegetative growth	Assessment of Thiomethoxam (Actara) for management of sucking pest in cotton	Assessment	Pest Management	Cotton	Rainfed	08	19	30	52,000	82,000		
Kalaha nd	2015	Rabi	The yield gets hampered due to leaf curl in Tomato	Assessment of <i>Virex-H</i> for management of leaf curl in tomato	Assessment	Pest management	Tomato	Irrigated	13	285	377	41,607	50,957		
Kalaha nd	2014-15	Kharif	Low yield is observed due to lack of proper disease management.	Assessment of IDM of collar rot in ground nut.	Assessment	Disease management	Ground nut	Irrigated	13	12.8	15.4	55,300	69,600		
Kalaha nd	2014-15	Kharif	The pond dike is remain unused and occupied	Assessment of Pond based Horticulture farming system	Assessment	Integrated Farming System	-	Rainfed	13	Fish - 13	Fish-17 H.Crops -220	58,000	1,60,000		

			d with various noxious weed.													
Kalaha nd	2014-15	Kharif	Lack of proper management practices, farmers face a heavy loss in flower cultivation.	Assessment of foliar application of Gibberellic Acid on Growth of 13 African Marigold	Assessment	Production Management	Marigold	Rainfed	13	85	115	140500	202500			
Kalaha nd	2014-15	Kharif	Use of local degenerated seed farmer witness a low yield.	Assessment of snow pea variety "Swarna Trupti"	Assessment	Varietal evaluation	Snow pea	Irrigated	13	180	220	195000	245000			
Kalaha nd	2015	Rabi	Weed management is very crucial in onion and lack of this practice	Assessment of herbicides for weed management in Onion	Assessment	Weed management	Onion	Irrigated	13	282	343	1,36,600	1,78,400			

			farmer suffer loss in onion cultivation.													
Kalaha nd	2014-15	Kharif	Unavailability of fodder crops & wasteland development	Assessment of Sisu in block plantation	Assessment	Agroforestry management	Sisu	Rainfed	10	-	-	-	-			
Kalaha nd	2014-15	Kharif	Fallow and unculturable lands are remain unused.	Assessment of performance of <i>Bambusa nutans</i> in western undulating region	Assessment	Varietal evaluation	Bamboo	Rainfed	10	-	-	-	-			
Kalaha nd	2014-15	Kharif	Slow growth rate of local Teak stump cuttings	Assessment growth of Budded Teak in block plantation	Assessment	Agroforestry management	Teak	Rainfed	10	-	-	-	-			
Kalaha nd	2014-15	Kharif	Interspaces of plants are remain	Assessment of yield of sesamum as	Assessment	Intercrop Management	Sesamum	Rainfed	10	4	5.5	11,000	15,500			

			unutilized	intercrop in Acacia mangium plantation <i>Var-Prachi</i>												
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## 2.2 Economic Performance

KV K nam e	OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP(T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Kal aha ndi	Assess ment of Brown manuri ng in upland paddy	Height (cm) Panicle length (cm)	90.7 21.4	92.6 23.2	20, 550	22,000	-	35,673	43,942	-	15,173	21,942	-	1.7 4	2.0	
Kal aha ndi	Assessm ent of scented rice 'Nua Acharm ati' 'Puruna bhog' and 'Kalajira	Height (cm) Effective tiller/hill (no.)	110. 6 5.9	109.2 7.8 113.8 6.3 115.3 6.8	33, 000	33,080 33,000 33,000	-	53,580	77,900 73,200 80,000	-	20,580	44,900 40,200 47,000	-	1.6 2	2.36 2.22 2.42	

	' in medium land															
Kalaha ndi	Assessment of Integrated weed management in Groundnut (Oxyfluorfen, quizalofop Ethyl, Quizalofop imazethapyr )	Weed control efficiency (%) No. of pod.plant	- 45	31.17 63 27.92 57 20.78 54	24, 00 0	22,800 23,000 22,500	-	61,60 0	80,30 0 78,80 0 74,40 0	-	37,600	58,000 55,800 51,900	-	2.5 7	3.5 4 3.4 3 3.3 1	
Kalaha ndi	Assessment of Sugar cane variety "Nilamadhav"	Continuing														
Kalaha ndi	Assessment of Zinc enhancement in paddy	Effective tiller(no/hill) Yield (q)	9 31.1	15 35.24	17 65 0	18980	-	33535	38775		15885	19795		1.9	2.0 4	
Kalaha ndi	Assessment of	No. of Fruits/plant(No)	34 172.	55 206.5	33 25 0	39150	-	68828	82799		35577	43649		2.0 7	2- 11	

	biofertilizer application in Tomato	Yield (q)	12												
Kalahandi	Assessment of INM in Mustard	Height No. of siliqua/ plant No. of Seeds/Siliqua	65.3 44 14	71.4 67 16	97 20	11100	-	22260	29022		12540	17922		2.2 9	2.6 1
Kalahandi	Assessment of foliar application of DAP 2% and NAA in Greengram	No. of pod/plant Yield(q)	29 5.4	38 7.8	1 0 3 0 0	12,2 00	-	259 20	37, 440		1562 0	25240		2 .5 1	3 .0 6
Kalahandi	Assessment of Isoprothialine (Fuji one) for management of blast disease in paddy	Disease incidence (%)	27	07	28 80 0	29,200	-	44220	49060		15,420	19,860		1.5 3	1.6 8
Kalaha	Assessment of	No. of insect/ plant	176 45	21 76	35, 20	43,500	-	76,00 0	1,20,0 00		40,800	76,500		2.1 6	2.7 5

ndi	Thiomet hoxam (Actara) for management of sucking pest in cotton	o. of fruits/plant			0										
Kalaha ndi	Assessm ent of <i>Virex-H</i> for management of leaf curl in tomato	% of infection	19	03	64,500	70,200	-	1,14,000	1,50,800		49,500	80,600		1.76	2.1
Kalaha ndi	Assessm ent of IDM of collar rot in ground nut.	No. of dead plant/m2	05	00	15,200	17,100	-	57,600	69,300		42,400	52,200		3.7	4.05
Kalaha ndi	Assessm ent of Pond based Horticulture farming system	-	-	-	72,000	98,000	-	1,30,000	2,58,000		58,000	1,60,000		1.8	2.6
Kalaha ndi	Assessm ent of foliar applicati	Plant Height (cm), No. of flower/ plant, flower	75,62,4.2	68,83,5.4	72,000	85,000	-	2,12,500	2,87,500		1,40,500	2,02,500		2.9	3.3

	on of Gibberellic Acid on Growth 13& Yield of 13Africa n Marigold	diameter(cm)														
Kalaha ndi	Assessm ent of snow pea variety “Swarna Trupti”	Plant Height( cm), No. of grain/ Pod	39, 4	45, 5	75, 00 0	85,000	-	2,70,0 00	3,30,0 00		1,95,00 0	2,45,000		3.6	3.8	
Kalaha ndi	Assessm ent of herbicid es for weed manage ment in Onion	-	-	-	98, 00 0	96,000	-	2,25,6 00	2,74,4 00		1,36,60 0	1,78,400		2.3	2.8	
Kalaha ndi	Assessm ent of Sisu in block plantatio n	Plant Height (ft)	3.0	4.2												
Kalaha ndi	Assessm ent of perform ance of <i>Bambus</i>	Height of the new culm (ft)- No. of sprouts No of new leaf	2.4 01 03	3.7 03 08	-	-	-	-	-		-	-	-			

	<i>a nutans</i> in western undulati ng region															
Kal aha ndi	Assessm ent growth of Budded Teak in block plantatio n	Avg. Height(cm) Collar diameter(Cm)	33.0. 6	45 9	-	35,400	-	-	-	-	-	-				
Kal aha ndi	Assessm ent of yield of sesamu m as intercro p in Acacia mangiu m plantatio n <i>Var- Prachi</i>	No of siliqua/plant Plant height (Cm) Oil content (%)	40 55 25	63 66 32	9,0 00	11,000	20,00 0	27,50 0		11,000	16,500		2.2	2.5		

2.3 Information about Home Science OFT:

KVK Name	Year	Season	Problem diagnosis	Title of OFT	Category of technology (Assessment / Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations

#### 2.4 Economic Performance Home Science OFT:

KV K name	OF T Title	Performance Indicator / Parameter																							
		Output m <sup>2</sup> /h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Savings in Rs	BC ratio		
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2				

#### 2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Kalahandi	Zinc application in paddy is necessary to increase the yield but farmer is ignorant about its application, So Zinc should be applied in order to enhance the crop yield.
Kalahandi	Biofertilizer application in vegetables increases organic status of the soil So farmers should avoid the maximum use of inorganic fertilizer

### 3. Achievements of Frontline Demonstrations

#### 3.1. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Kalahandi	Ragi	Varietal evaluation	Demonstration of HY Ragi Var. Bhairabi in unbunded upland	HY Ragi Var. Bhairabi	50	500	320
Kalahandi	Rice	Varietal evaluation	Performance of HY Paddy Var. Ranidhan in medium land	HY Paddy Var. Ranidhan	100	8000	750
Kalahandi	Maize	Intercrop management	Demonstration on intercropping of maize with cowpea	intercropping of maize with cowpea	22	100	50
Kalahandi	Toria	Varietal evaluation	Performance of Toria Var. Parvati in upland.	Toria Var. Parvati in upland.	35	280	120
Kalahandi	Cotton	Micro-nutrient management	Demonstration of Mg in cotton	Magnesium g in cotton	125	800	800
Kalahandi	Earthworm	Production of organic inputs	Demonstration on production of Earthworms	Production of Earthworms	120	1000	-
Kalahandi	Sunflower	Nutrient Management	Demonstration on gypsum application in sunflower	gypsum application in sunflower	80	400	210
Kalahandi	Yam	Varietal evaluation	Demonstration on Yam var. Orissa Elite	Yam var. Orissa Elite	50	240	80
Kalahandi	Banana	Sucker	Demonstration on effective	management of suckers in	250	800	140

i		management	management of suckers in tissue culture Banana Var-G9	tissue culture Banana Var- G9			
Kalahandi	Onion	Varietal evaluation	Demonstration of Onion var. Bhima Shakti	Onion var. Bhima Shakti	25	100	50
Kalahandi	Rangini lac	Production management	Demonstration of Rangini Lac in Palas trees	Rangini Lac in Palas trees	25	80	-
Kalahandi	Bamboo	Production management	Demonstration of Bamboo ( <i>Bambusa vulgaris</i> ) Plantation through binodal culm cutting method	Demonstration of Bamboo ( <i>Bambusa vulgaris</i> )	50	400	40

Note-

\* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.

\*Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Paddy in place of Rice , brinjal in place of egg plant etc.

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\*don't add space before or after statement within the table cell

### 3.2 Details of FLDs implemented

KVK Name	Year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Enterprizes	Crop - Area (ha) / Enterprise - No.	Results (q/ha)		% change	No. of farmers				
								FP (T <sub>1</sub> )	RP (T <sub>2</sub> )		S C	S T	Others	General	Total

Kalahandi	2014-15	Khari f	Varietal evaluation	Performance of high yielding Paddy Var. Tejaswini in medium land	Paddy	Paddy Var. Tejaswini	0.4	35.96	41.29	14.82	-	3	-	8	11
Kalahandi	2014-15	Khari f	Weed management	Performance of herbicide Atrazine 1kg a.i/ha in Maize	Maize	herbicide Atrazine 1kg a.i/ha	0.4	15.9	23.6	48.42	-	-	-	5	5
Kalahandi	2014-15	Khari f	Varietal evaluation	Performance of Sweet Corn variety 'Mishti'	Sweet Corn	Sweet Corn variety 'Mishti'	0.4	28.3	55000 no. Cob	-	3	-	1	2	6
Kalahandi	2015	Rabi	Varietal evaluation	Performance of Toria Var. Parvati in upland	Toria	Toria Var. Parvati	0.4	5.41	7.80	44.17	1	1	3	1	5
Kalahandi	2014-15	Khari f	Integrated Nutrient management	Demonstration on Bio-fertilizer integrated with inorganic fertilizer in Maize	Maize	Maize Var.CP1818	0.4	42.9	54.7	27.5	4	6			10
Kalahandi	2014-15	Khari f	Integrated Nutrient management	Demonstration of nutrient management in tissue culture banana	Banana	Var.G-9	0.4	351	392	11.6	--	10			10
Kalahandi	2015	Rabi	Integrated Nutrient management	Performance of Biofertilizer application in cauliflower	cauliflower	Rear ball	0.4	165	235	42.4	8	2			10

Kalahandi	2015	Rabi	-	Demonstration on Application of lime & Rhizobium in groundnut	groundnut	Smruti	0.4	17.1	24.9	45.6	2	8	10		
Kalahandi	2014-15	Khari f	Disease management	Demonstration on Management of sheath blight of rice	Rice	Management of sheath blight of rice	0.4	39.1	44.8	14.57	-	-	6	4	10
Kalahandi	2014-15	Khari f	Pest management	Demonstration on Integrated Management of Sugarcane Stem borer	Sugarcane	Integrated Management of Sugarcane Stem borer	0.4	872	1172	34.4	2	-	6	2	10
Kalahandi	2014-15	Khari f	Pest management	Demonstration of Management of fruit fly in bitter gourd	Bitter gourd	Management of fruit fly in bitter gourd	0.4	55.3	70.9	28.20	-	1	3	6	10
Kalahandi	2015	Khari f	Production management	Performance of Tissue culture Banana – Grand Naine	Banana	Tissue culture Banana – Grand Naine	0.4	315	355	12.69	-	3	4	3	10
Kalahandi	2015	Rabi	Production management	Demonstration on Tomato Var.”Swarna Sampad”	Tomato	Tomato Var.”Swarna Sampad	0.4	350	780	122.87	2	3	5	-	10
Kalahandi	2015	Rabi	Micro-nutrient application	Assessment of micromineral application in pointed Gourd	Pointed Gourd	Micronutrient application in pointed Gourd	0.4	315	352	11.74	-	4	5	1	10

Kalahandi	2015	Rabi	Production management	Demonstration of yield in pumpkin by application of ethrel	Pumpkin	Yield in pumpkin by application of ethrel	0.4	232	265	14.22	4	4	2	-	10
Kalahandi	2014-15	Khari f	Intercrop management	Performance of turmeric as intercrop in the teak plantation var-Roma	Turmeric	turmeric as intercrop in the teak plantation	0.4	85	110	29.41	-	-	3	2	5
Kalahandi	2014-15	Khari f	Production management	Demonstration of Bamboo ( <i>Bambusa vulgaris</i> ) Plantation through binodal culm cutting method	Bamboo	Bamboo ( <i>Bambusa vulgaris</i> ) Plantation through binodal culm cutting method	0.4	250 no sapling	Result awaited	-	2	3	-	5	
Kalahandi	2014-15	Khari f	Intercrop management	Demonstration of stylo grass as intercrop in <i>Acacia mangium</i> plantation (silvi-pasto model)	Stylo grass	stylo grass as intercrop in <i>Acacia mangium</i> plantation	0.4	-	62	-	-	2	3	5	
Kalahandi	2014-15	Kharif,	Production technology	FLD on Pulse (Pigeon pea)	Pigeon Pea	ICPL-87-119	5	11.8	14.4	22.03	3	2	1	4	10
Kalahandi	2014-15	Late Khari f	Production technology	FLD on Pulse (Black gram)	Black gram	Prasad	10	5.9	7.0	18.6	-	2	5	18	25
Kalahandi	2015	Rabi	Production technology	FLD on Oilseed (Sunflower)	Sunflower	Arjun	5	14.3	17.2	20.27	-	2	-	10	12

### 3.3 Economic Impact of FLD

KV K Name	Technology demonstrate d	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ ha)		Average Net Return (Rs/ha)		Benefit- Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )
Kalah andi	Performance of high yielding Paddy Var. Tejaswini in medium land	Paddy	Plant Height (cm) Effective tiller/ hill Panicle length (cm)	90.4 13.8 23.2 5	108. 3 18.2 24.3 4	29,100	33,400	48,906	60,234	20,906	26,834	1.66	1.80
Kalah andi	Performance of herbicide Atrazine 1kg a.i/ha in Maize	Maize	Plant Height (cm) Weed dry weight (g/m <sup>2</sup> ) Weed control efficiency(%)	120. 2 18.8 4 -	141. 8 9.97 47.0 8	11,000	13,000	23,850	35,400	12,850	22,400	2.16	2.72
Kalah andi	Performance of Sweet Corn variety 'Mishti'	Sweet Corn	Plant Height (cm) Cobb. Weight (gm)	138. 6 194	163. 5 270	26,300	37,500	42,450	2,20,000	16,150	1,82,500	1.61	5.87

Kalahandi	Performance of Toria Var. Parvati in upland	Toria	Plant Height (cm) No. of Branches No. of Siliqua// plant	66.2 2.8 43.2	73.4 3.8 71.3	11,000	13,000	32,460	46,800	21,460	33,800	2.95	3.60
Kalahandi	Demonstration on Bio-fertilizer integrated with inorganic fertilizer in Maize	Maize	Cobs/ plant(Nos) Cob length(cm)	1 13	2 20	23,750	26,860	34,128	48,509	10,788	21,649	1.43	1.80
Kalahandi	Demonstration of nutrient management in tissue culture banana	Banana	No of fruit/plant Bunch weight (Kg) Bunch length (Cm)	295 31 92.5	337 39 114.9	98,000	1,10,000	1,81,500	2,23,500	83,500	1,13,500	1.85	2.03
Kalahandi	Performance of Biofertilizer application in cauliflower	Cauliflower	Curd Wt (Kg)	0.95 0	1.25 0	41,250	50,100	99,000	1,41,000	84,750	90,900	2.4	2.8
Kalahandi	Demonstration on Application of lime & Rhizobium in groundnut	Ground nut	No. of nodule /plant No.of pod/plant	09 20	22 25	21500	26,300	51600	77,059	30,100	50,759	2.4	2.93

Kalahandi	Demonstration on Management of sheath blight of rice	Rice	Disease incidence (%)	23	06	26,000	29,000	39,100	44,800	13,100	15,800	1.4	1.5
Kalahandi	Demonstration on Integrated Management of Sugarcane Stem borer	Sugarcane	No. of dead heart/m <sup>2</sup>	03	-	85,000	95,000	1,74,400	2,34,400	89,400	1,39,400	2.05	2.6
Kalahandi	Demonstration of Management of fruit fly in bitter gourd	Bitter gourd	No. of Damaged fruit/plant	09	01	38,800	42,500	71,890	92,170	33,090	49,670	1.8	2.1
Kalahandi	Performance of Tissue culture Banana – Grand Naine	Banana	No. of cluster/bunch No. of fruit/cluster			98,000	1,02,000	2,52,000	2,84,000	1,54,000	1,82,000	2.5	2.7
Kalahandi	Demonstration on Tomato Var.”Swarna Sampad”	Tomato	Plant Height (cm) No. of fruits/plant Avg. Fruit Weight (cm)	65 52 89	78 88 82	89,000	98,000	2,10,000	4,68,000	1,21,000	3,70,000	2.3	4.7
Kalahandi	Assessment of micronutrient application in pointed Gourd	Pointed Gourd				89,000	52,000	2,52,000	2,81,600	1,63,000	1,89,600	2.3	3.0

Kalah andi	Demonstration of yield in pumpkin by application of ethrel	Pumpkin	No. of fruits/plant Fruit weight(Kg)	3.2 4.7	4.4 5.2	68,000	72,000	1,62,400	1,85,500	94,400	1,13,500	2.3	2.5
Kalah andi	Performance of turmeric as intercrop in the teak plantation var-Roma	Turmeric	Average Rhizome wt/Culm (gm)	220	262	62,500	75,300	1,27,500	1,65,000	65,000	89,700	2.04	2.19
Kalah andi	Demonstration of Bamboo ( <i>Bambusa vulgaris</i> ) Plantation through binodal culm cutting method	Bamboo	Ht. of new culm (ft) No. of sprouts No. of new branch-	2.7 02 02	3.8 03 03								
Kalah andi	Demonstration of stylo grass as intercrop in <i>Acacia mangium</i> plantation (silvi-pasto model)	Stylo grass	Yield (q/ha) No. Of cuttings /year	--	62 04	--	19,000	--	74,400	--	55,400	--	3.9

Kalah andi	1. Line sowing of seeds 2. Seed treatment with Rhizobium culture 3. Appli cation of NPK @20:40:20 kg/ha as basal application 4.Spraying Triazophous and planofix hormone	Pigeon pea	No. of pod/plant- No of grain/pod- Plant height (cm)-	185 3 6			25,00 0		57,60 0		32,6 00		2.30
					230 4 6.2	22,50 0		47,20 0		24,700		2. 0 9	

Kalahandi	1.Line sowing of seeds 2.Seed treatment with Thiomethoxam culture 3.Application of @20:40:20 kg/ha as basal application 4. Spraying of Propfenophos & Planofix	Black gram	No.of pod/plant- No of grain/pod- Plant height (cm)-	17 3			13,40 0		31,50 0		18,1 00		2.35
					26 3	12,30 0		26,55 0		14,250		2.1	
Kalahandi	1. Line sowing of Hybrid seeds 2. Application of NPK fertilizers @ 60:80:60 3. Spraying of Cabdendazim and boron.	Sunflower	Oil content (%) Flower diameter (cm)	34 16	40 22		35,20 0		86,00 0		50,8 00		2.44
						31,80 0		71,50 0		39,700		2.2	

### 3.4 Information about Home Science FLDs

KV K name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/ Entreprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries

### 3.5 Economic Performance Home Science FLDs:

KV K name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m <sup>2</sup> /h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Savings in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2				

### 3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Performance of high yielding Paddy Var. Tejaswini in medium land	Paddy	Training , field day, media coverage	3	50	
Performance of herbicide Atrazine 1kg a.i/ha in Maize	Maize	Training , Result demonstration	2	40	

Performance of Sweet Corn variety 'Mishti'	Sweet Corn	Training , awareness campaign,	2	70	
Performance of Toria Var. Parvati in upland	Toria	Training ,media coverage (Television telecast)	2	40	
Demonstration on Bio-fertilizer integrated with inorganic fertilizer in Maize	Maize	Training, Method Demonstration, Voice message	3	60	
Demonstration of nutrient management in tissue culture Banana	Banana	Training , method Demonstration, Film show	3	80	
Demonstration on application of lime & rhizobium in Groundnut	Groundnut	Method Demonstration, film show	2	70	
INM in Cabbage	Cabbage	Training, Radio talk	2	25	
Demonstration on Management of sheath blight of rice	Rice	Training , Result demonstration,	2	50	
Demonstration on Integrated Management of Sugarcane Stem borer	Sugarcane	Problem solving discussion, Training, Method demonstration	3	52	
Demonstration of Management of fruit fly in bitter gourd	Bitter gourd	Result Demonstration, Group Meeting, Voice message	3	32	
Performance of Tissue culture Banana – Grand Naine	Banana	Training , Exposure visit, Extension literature	3	65	
Demonstration on Tomato Var."Swarna Sampad"	Tomato	Training , Field Day, Exposure visit, media coverage (Television telecast)	4	80	

Assessment of micromineral application in pointed Gourd	Pointed Gourd	Method demonstration, exposure visit,	3	65	
Demonstration of yield in pumpkin by application of ethrel	Pumpkin	Training , method Demonstration	2	48	
Performance of turmeric as intercrop in the teak plantation var-Roma	Turmeric	Training , method Demonstration, Media coverage (Television Talk)	3	45	
Demonstration of Bamboo ( <i>Bambusa vulgaris</i> ) Plantation through binodal culm cutting method	Bamboo	Training , method Demonstration, Film show	3	75	
Demonstration of stylo grass as intercrop in <i>Acacia mangium</i> plantation (silvi-pasto model)	Stylo grass	Training and discussion	2	50	
Front Line Demonstration on Pulses(Pigeon Pea)	Pigeon Pea- ICPL-87-119	Training , method Demonstration, Film show, Extension literature	4	70	
Front Line Demonstration on Pulses(Black gram)	Black gram-Prasad	Training , method Demonstration, Film show, Result demonstration	4	100	
Front Line Demonstration on Oilseed (Sunflower)	Sunflower-Arjun	Training , method Demonstration, Result Demonstration	3	60	

### 3.7 Details of FLD on crop hybrids.

S. No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
	Kalahandi	Performance of Sweet Corn variety 'Mishti'	Mishti	-	-	-
	Kalahandi	Demonstration on Tomato Var."Swarna Sampad	Swarna Sampad	ICAR Complex for Eastern Region, Ranchi	-	-

## 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
Kalahandi	Soil application of Carbofuran granules (3% G.W) with 6 times release of <i>Trichogramma chilonis</i> @50000/ha and need based management	Method Demonstration supported with literature.	Demonstration of Management of fruit fly in bitter gourd	--
Kalahandi	Soil application of neem cake 200kg/ha, applying Carbaryl 5% dust @ 25 kg/ha, poison baiting with 10 ml Malathion in one liter water with 50 gm jaggery & 20 gm yeast	Diagnostic field visit, Training imparted to vegetable growers and KMA through farmers portal.	Demonstration of Management of fruit fly in bitter gourd	--

Kalahandi	Hexaconazole (contaf plus) @2 ml/litre, Resistant variety Pratikshaya, split application of Nitrogen 25:50:25	Group discussion, method demonstration followed by result demonstration.	Demonstration on Management of sheath blight of rice	--
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#### 4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested

#### 4. Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Kalahandi	Enhancement of soil fertility by brown manuring in paddy	Diagnostic field visit and group discussion	5.5.14, Borguda	10
Kalahandi	Seed treatment & fertilizer management in Cotton	PRA survey & group discussion	23.5.14, Bhimdanga, Bhawanipatna	15
Kalahandi	Importance of variety in crop production and profitability	PRA survey & group discussion	29.5.14, Balarampur, Bhawanipatna	12
Kalahandi	Integrated weed management in Maize	Field visit and interaction with villagers	24.6.14, Kalopala	18
Kalahandi	Seed sowing & integrated weed management in Pigeon Pea	Group discussion and survey method	08.7.14, Fatkamal, Kesinga	21
Kalahandi	Water management in Pigeon Pea		09.7.14, Balarampur, Bhawanipatna	23
Kalahandi	Integrated weed management in paddy cultivation	Focused group discussion with the villagers	08.8.14, KVK	21
Kalahandi	Seed sowing & Water management in Maize	PRA survey & group discussion	19.8.14, Fatkama, Kesingal	25
Kalahandi	Seed treatment & integrated weed	PRA survey & group	02.9.14, Keshpala, Narla	12

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
	management in Ground nut	discussion		
Kalahandi	Crop diversification for sustainability, profitability and nutritional security	Field visit and interaction with villagers	15.9.14, Dahal, Narla	20
Kalahandi	Seed treatment & integrated nutrient management in Green gram	Group discussion and survey method	12.10.14, Kamthana, Bhawanipatna	16
Kalahandi	Enhancement of profitability by applying bio fertilizer in pulses	PRA survey & group discussion	15.10.14, Kamthana, Bhawanipatna	24
Kalahandi	Seed sowing & water management in Toria	PRA survey & group discussion	4.11.14, KVK	15
Kalahandi	Enhancement of soil fertility by green manuring in rice	Field visit and interaction with villagers	14.6.2014, Dumal , Junagarh	20
Kalahandi	Micronutrient deficiency in cotton and their remedies	Group discussion and survey method	17.6.2014 Dahal, Kesinga	22
Kalahandi	Use of Bio-fertilizer in Ginger & Turmeric	PRA survey & group discussion	8.7.2014,Balarampur Bhawanipatna	25
Kalahandi	Integrated Nutrient Management in cotton	Field visit and interaction with villagers	10.7.2014 Dahal, Kesinga	22
Kalahandi	Fertilizer management in cereals and millets to increase production	Group discussion and village survey	10.8.2014, Moulpada, Balarampur Bhawanipatna	25
Kalahandi	Integrated nutrient management in Maize production	Field visit and interaction with villagers	12.08.2014, Dumall	20
Kalahandi	Integrated Nutrient Management in Cabbage	Group discussion and village survey	10.8.2014, Moulpada, Balarampur Bhawanipatna	22
Kalahandi	Integrated Nutrient Management in cauliflower	Field visit and interaction with villagers	12.08.2014, Dumal Bhawanipatna	25
Kalahandi	Nutrient management in Oilseeds	Village survey and	03.10.2014,sagarpada	22

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
		farmers meeting method	Bhwanipatna	
Kalahandi	Soil water conservation techniques in hill slope	Group discussion and diagnostic field visit	05.2014, Goudtola, Kesinga	20
Kalahandi	Safe and judicious use of pesticide in cotton crop	PRA survey & group discussion	18.05.2014, Dahal, Narla	15
Kalahandi	Management of wilting disease in brinjal and tomato in kharif season	PRA survey & group discussion	22.5.2014, Borguda, Bhawanipatna	21
Kalahandi	Integrated Management of blast & sheath blight disease of paddy	Diagnostic field visit and group discussion	10.6.2014, Keshpala, Narla	22
Kalahandi	Use of neem based pesticides in vegetable crop.	PRA survey & group discussion	12.6.2014, Balarampur, Bhawanipatna	21
Kalahandi	Bio intensive pest management strategies in cotton crop	PRA survey & group discussion	18.05.2014, Dahal, Narla	20
Kalahandi	Integrated disease management in Kharif vegetable	Field visit and interaction with villagers	15.7.2014, Kamthana, Bhawanipatna	20
Kalahandi	Integrated pest management in pulse crop	Group discussion and survey method	25.8.2014, Tentulipada	26
Kalahandi	Bio intensive pest management in Pulse crop (green gram & Black gram)	PRA survey & group discussion	30.8.2014, Themra, Bhawanipatna	21
Kalahandi	Integrated pest management of off season vegetable	PRA survey & group discussion	01.09.2015, Chandapalla	25
Kalahandi	Bacterial leaf blight and sigatoka disease management in banana	Field visit and interaction with villagers	01.09.2015, Chandapalla	24

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Kalahandi	Management of red rot disease in sugarcane	Group discussion and survey method	12.10.2014, Bhatangapadar, Bhawanipatna	15
Kalahandi	Sucking pest management in brinjal, tomato & chilli	Village survey and farmers meeting method	12.6.2014, Balarampur, Bhawanipatna	15
Kalahandi	Management of fruit flies in cucurbitaceous crop	Suggestion made in monthly meeting of KVK	12.6.2014, Balarampur, Bhawanipatna	15
Kalahandi	Propagation technique in Mango	Group discussion and diagnostic field visit	21.4.2014, Kumarpada, Bhawanipatna	15
Kalahandi	Nutrient management in Tissue culture Banana	PRA survey & group discussion	20.5.14, Sallepalli, M.Rampur	14
Kalahandi	Grading & packaging of Mango	PRA survey & group discussion	15.5.14, KVK	15
Kalahandi	Planting & fertilizer management in Sweet potato	Field visit and interaction with villagers	18.5.14, Keshpalla, Narla	25
Kalahandi	Role of mulching in vegetable crops	Group discussion and survey method	21.6.14, Junagarh	25
Kalahandi	Cultural practices of chilli	PRA survey & group discussion	16.7.14, Dumal, Bhawanipatna	21
Kalahandi	Pond based farming system		24.7.14, Bhimdanga, Bhawanipatna	21
Kalahandi	Use of water soluble fertilizer in Brinjal	PRA survey & group discussion	5.8.14, Dumal, Bhawanipatna	25
Kalahandi	Fertilizer management in Cowpea	Field visit and interaction with villagers	20.9.14, Kusumkhunti, Bhawanipatna	26
Kalahandi	Pinching & nutrient management in marigold	PRA survey & group discussion	28.9.14, Sallepalli, M. Rampur	25
Kalahandi	Weedicide application in Onion	PRA survey & group discussion	5.10.14, Dangiriguda, Bhawanipatna	22
Kalahandi	Propagation technique in pointed Gourd.	Field visit and interaction with villagers	8.11.2014, Goudtola, Kesinga	25

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Kalahandi	Cultural practices of cole crops	Group discussion and survey method	18.11.14, Keshpalla, Narla	22
Kalahandi	Plantation of forest tree for climate control	Group discussion and survey method	02.02.2015, Gaidara, Kesinga	21
Kalahandi	Preparation of teak based agroforestry system	Field visit and interaction with villagers	07.03.2014, Gaidara, Kesinga	15
Kalahandi	Growing nitrogen fixing trees for energy plantation	Group discussion and survey method	02.08.2014, Medinapur, Bhawanipatna	16
Kalahandi	Plantation of forest trees for village community	PRA survey & group discussion	12.08.2014, Goudtola, Kesinga	15
Kalahandi	Inter cultural practices in silvi-horti agroforestry model	Diagnostic field visit and group discussion	08.10.2014, Karlaguda	18
Kalahandi	Management of village forest taking community level	Group discussion and village survey	08.10.2014, Gaidara, Kesinga	19
Kalahandi	Management of palas and ber tree for lac cultivation	PRA survey & group discussion	01.11.2014, Goudtola, Kesinga	18
Kalahandi	Plantation of forest tree for industry and their management	Focused group discussion		15
Kalahandi	Plantation of tree borne oilseeds in the homesteads	PRA survey & group discussion	05.01.2015, Medinipur, Bhawanipatna	14
Kalahandi	Agroforestry practices for soil conservation	Group discussion and survey method	20.02.2015, Goudtola, Kesinga	15
Kalahandi	RY- Commercial cultivation of Maize	PRA survey & group discussion	24.06.2014, , Kalopala	23
Kalahandi	Seed production technology in Sunflower.	PRA survey & group discussion	26.09.2014, Dahal, Narla	25
Kalahandi	Development and production of biocontrol agents for bio-rational pest management	PRA survey & group discussion	12.6.2014, Balarampur, Bhawanipatna`	21
Kalahandi	Bio-intensive pest management of oil seed crops	Focused group discussion with the villagers	15.2.2015, KVK	12
Kalahandi	Nursery raising technique for vegetables	PRA survey & group discussion	12.06.2014, Kumarpada, Bhawanipatna	24

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Kalahandi	Zero energy cool chamber for vegetable storage	PRA survey & group discussion	15.10.2014, Beheraguda, Bhawanipatna	25
Kalahandi	Sustainable income generation through mushroom production	Diagnostic field visit and group discussion	15.05.2014, Tala Belgaon, Bhawanipatna	32
Kalahandi	Self reliance of rural youth by agri-entrepreneurial activities	Group discussion and village survey	28.08.2014, Sanagunduri, Narla	31
Kalahandi	Employment opportunities in watershed development areas	PRA survey & group discussion	28.08.2014, Badadunduri, Narla	30
Kalahandi	Alternate income generation through commercial poultry rearing	Focused group discussion with the villagers	28.08.2014, Badadunduri, Narla	32
Kalahandi	IS- Package of practices & recommendation on Cotton cultivation	PRA survey & group discussion	10.06.2014, KVK	15
Kalahandi	Agri-horti farming system for sustainability	Focused group discussion with the villagers	18.10.2014, KVK	14
Kalahandi	Drip irrigation in Banana	PRA survey & group discussion	20.08.2014, Discussion with DDA, Kalahandi	22
Kalahandi	Application of Bio-fertilizer in vegetables	Focused group discussion with the villagers	08.11.2014, Meeting with DDH, Kalahandi	21
Kalahandi	Identification and propagation techniques of different bamboo species and bamboo based agroforestry system	PRA survey & group discussion	08.07.2014, Jaring, Monthly meeting with the District Forest Officer	23
Kalahandi	Role of Agroforestry models in village community	PRA survey & group discussion	25.10.2014, Jaring, Monthly meeting with the District Forest Officer	25
Kalahandi	Management & Designing of training Programme	Focused group discussion with the villagers	Discussion made with the NGO personnel in the month of June	25
Kalahandi	Designing & development techniques of farm publication	Meeting & Group Discussion	Discussion made with the NGO personnel in the month of	21

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
			June	
Kalahandi	Monitoring & evaluation of Project Management in Extension.	Meeting with the officials	14.10.2014, Discussion made in the DAO conference	24
Kalahandi	Training module development & Lesson plan preparation	Meeting with the Officials	14.10.2014, Discussion made in the DAO conference	26

#### 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
<b>Thematic Areas for Training</b>	
CRP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RYH	Rural Youth
EXP	Extension Personnel

## 5. TRAINING PROGRAMMES

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

**Table 5.1. Details of Training programmes conducted by the KVKs**

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Kalahandi	OFC	F/FW	CRP	Enhancement of soil fertility by brown manuring in paddy	1	1	11	-	-	-	14	-	-	-
Kalahandi	OFC	F/FW	CRP	Seed treatment & fertilizer management in Cotton	1	1	25	-	-	-	-	-	-	-
Kalahandi	OFC	F/FW	CRP	Importance of variety in crop production and profitability	1	1	21	-	4	-	-	-	-	-
Kalahandi	OFC	F/FW	CRP	Integrated weed management in Maize	1	1	14	-	10	-	1	-	-	-
Kalahandi	OFC	F/FW	CRP	Seed sowing & integrated weed management in Pigeon Pea	1	1	18	-	2	-	5	-	-	-
Kalahandi	OFC	F/FW	CRP	Water management in Pigeon Pea	1	1	23	-	2	-	-	-	-	-
Kalahandi	ONC	F/FW	CRP	Integrated weed management in paddy cultivation	1	1	7	-	16	-	2	-	-	-
Kalahandi	OFC	F/FW	CRP	Seed sowing & Water management in Maize	1	1	22	-	1	-	2	-	-	-
Kalahandi	OFC	F/FW	CRP	Seed treatment & integrated weed management in	1	1	23	-	1	-	1	-	-	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				Ground nut										
Kalahandi	OFC	F/FW	CRP	Crop diversification for sustainability, profitability and nutritional security	1	1	16	-	-	-	9	-	-	-
Kalahandi	OFC	F/FW	CRP	Seed treatment & integrated nutrient management in Green gram	1	1	7	-	-	-	18	-	-	-
Kalahandi	ONC	F/FW	CRP	Enhancement of profitability by applying bio fertilizer in pulses	1	1	5	-	1	-	19	-	-	-
Kalahandi	OFC	F/FW	CRP	Seed sowing & water management in Toria	1	1	4	-	1	-	20	-	-	-
Kalahandi	OFC	F/FW	SFM	Green manuring in Paddy Micronutrient deficiency in cotton and their remedies	1	1					14		11	
Kalahandi	OFC	F/FW	SFM	Micronutrient deficiency in cotton and their remedies	1	1			2			21	2	
Kalahandi	OFC	F/FW	SFM	Use of Bio-fertilizer in Ginger & Turmeric	1	1	10						25	
Kalahandi	OFC	F/FW	SFM	Integrated Nutrient Management in cotton	1	1			2		22		1	

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Kalahandi	OFC	F/FW	SFM	Integrated Nutrient Management in cereals and millets	1	1					9	4	12	
Kalahandi	OFC	F/FW	SFM	Fertilizer management in Maize	1	1					17		8	
Kalahandi	ONC	F/FW	SFM	Integrated Nutrient Management in Cabbage	1	1					4		21	
Kalahandi	ONC	F/FW	SFM	Integrated Nutrient Management in cauliflower	1	1			1		12	6	6	
Kalahandi	OFC	OFC	SFM	Nutrient management in Oilseeds	1	1								
Kalahandi	OFC	OFC	SFM	Soil water conservation techniques in hill slope	1	1					5		20	
Kalahandi	OFC	F/FW	PLP	Safe and judicious use of pesticide in cotton crop	1	1	4	-	21	-	-	-	-	-
Kalahandi	OFC	F/FW	PLP	Management of wilting disease in brinjal and tomato in	1	1	12	-	13	-	-	-	-	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				kharif season										
Kalahandi	OFC	F/FW	PLP	Integrated Management of blast & sheath blight disease of paddy	1	1	20	-	1	-	1	-	3	-
Kalahandi	OFC	F/FW	PLP	Use of neem based pesticides in vegetable crop.	1	1	22	-	-	-	-	-	3	-
Kalahandi	OFC	F/FW	PLP	Bio intensive pest management strategies in cotton crop	1	1	-	-	8	-	-	-	17	-
Kalahandi	OFC	F/FW	PLP	Integrated disease management in Kharif vegetable	1	1	-	-	7	-	16	-	2	-
Kalahandi	OFC	F/FW	PLP	Integrated pest management in pulse crop	1	1	2	-	6	-	-	-	17	-
Kalahandi	OFC	F/FW	PLP	Bio intensive pest management in Pulse crop (green gram & Black gram)	1	1	1	-	9	-	-	-	15	-
Kalahandi	OFC	F/FW	PLP	Integrated pest management of off season vegetable		1	-	-	6	2	9	8	-	-
Kalahandi	OFC	F/FW	PLP	Bacterial leaf blight and sigatoka disease management in	1	1	-	-	16	4	4	1	-	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				banana										
Kalahandi	OFC	F/FW	PLP	Management of red rot disease in sugarcane	1	1	-	-	1	-	23	1	-	-
Kalahandi	OFC	F/FW	PLP	Sucking pest management in brinjal, tomato & chilli	1	1	5	-	8	-	7	2	3	-
Kalahandi	OFC	F/FW	PLP	Management of fruit flies in cucurbitaceous crop	1	1	8	2	3	-	6	-	4	2
Kalahandi	OFC	F/FW	HOF	Propagation technique in Mango	1	1	21	-	2	-	2	-	-	-
Kalahandi	OFC	F/FW	HOF	Nutrient management in Tissue culture Banana	1	1	23	-	-	-	2	-	-	-
Kalahandi	ONC	F/FW	HOF	Grading & packaging of Mango	1	1	17	-	3	-	5	-	-	-
Kalahandi	OFC	F/FW	HOV	Planting & fertilizer management in Sweet potato	1	1	11	-	3	3	8	-	-	-
Kalahandi	OFC	F/FW	HOV	Role of mulching in vegetable crops	1	1	19	-	4	2	-	-	-	-
Kalahandi	OFC	F/FW	HOV	Cultural practices of chilli	1	1	15	-	2	-	3	3	-	2

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Kalahandi	OFC	F/FW	HOV	Pond based farming system	1	1	25	-	-	-	-	-	-	-
Kalahandi	OFC	F/FW	HOV	Use of water soluble fertilizer in Brinjal	1	1	7	-	-	-	17	1	-	-
Kalahandi	OFC	F/FW	HOV	Fertilizer management in Cowpea	1	1	21	-	2	-	2	-	-	-
Kalahandi	OFC	F/FW	HOF	Pinching & nutrient management in marigold	1	1	16	-	2	1	6	-	-	-
Kalahandi	OFC	F/FW	HOV	Weedicide application in Onion	1	1	15	10	-	-	-	-	-	-
Kalahandi	OFC	F/FW	HOV	Propagation technique in pointed Guard.	1	1	22	-	-	-	3	-	-	-
Kalahandi	OFC	F/FW	HOV	Cultural practices of cole crops	1	1	23	-	-	-	2	-	-	-
Kalahandi	OFC	F/FW	AGF	Plantation of forest tree for climate control	1	1	-	-	-	-	12	-	13	-
Kalahandi	OFC	F/FW	AGF	Preparation of teak based agroforestry system	1	1	-	-	-	-	10	-	15	-
Kalahandi	OFC	F/FW	AGF	Growing nitrogen fixing tress for energy plantation	1	1	-	-	6	-	1	-	18	-
Kalahandi	OFC	F/FW	AGF	Plantation of forest trees for village community	1	1	-	-	-	-	-	-	16	9

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Kalahandi	OFC	F/FW	AGF	Intercultural practices in silvi-horti agroforestry model	1	1	-	-	3	-	2	-	20	-
Kalahandi	OFC	F/FW	AGF	Management of village forest taking community level	1	1	-	-	-	-	11	-	14	-
Kalahandi	OFC	F/FW	AGF	Management of palas and ber tree for lac cultivation	1	1	-	-	-	-	-	-	13	12
Kalahandi	OFC	F/FW	AGF	Plantation of tree borne oilseeds in the homesteads	1	1	-	-	5	-	7	-	13	-
Kalahandi	OFC	F/FW	AGF	Agroforestry practices for soil conservation	1	1	-	-	1	-	4	-	20	-
Kalahandi	OFC	RY	RHY	Commercial cultivation of Maize	1	1	8	-	7	-	-	-	-	-
Kalahandi	OFC	RY	RHY	Seed production technology in Sunflower.	2	2	11	-	-	-	4	-	-	-
Kalahandi	OFC	RY	RHY	Development and production of biocontrol agents for bio-rational pest management	1	1	3	-	-	2	3	2	5	-
Kalahandi	ONC	RY	RHY	Bio-intensive pest management of oil seed crops	1	1	15	0	-	-	-	-	-	-
Kalahandi	OFC	RY	RHY	Nursery raising technique for vegetables	1	1	10	3	-	-	-	2	-	-
Kalahandi	OFC	RY	RHY	Zero energy cool	1	1	12	1	2	-	-	-	-	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
i				chamber for vegetable storage										
Kalahandi	OFC	RY	RHY	Sustainable income generation through mushroom production	2	2	-	2	-	1	-	10	-	2
Kalahandi	OFC	RY	RHY	Self reliance of rural youth by agri-entrepreneurial activities	2	2	-	3	-	5	-	2	-	3
Kalahandi	OFC	RY	RHY	Employment opportunities in watershed development areas	2	2	-	1	4	4	-	-	1	5
Kalahandi	OFC	RY	RHY	Alternate income generation through commercial poultry rearing	2	2	-	-	7	-	2	-	2	4
Kalahandi	OFC	IS	EXP	Package of practices & recommendation on Cotton cultivation	1	1	8	-	2	-	-	-	-	-
Kalahandi	OFC	IS	EXP	Agri-horti farming system for sustainability	1	1	8	-	1	-	1	-	-	-
Kalahandi	ONC	IS	EXP	Drip irrigation in Banana	1	1	8	-	-	-	1	1	-	-
Kalahandi	ONC	IS	EXP	Application of Bio-fertilizer in vegetables	1	1	5	-	2	-	3	-	-	-
Kalahandi	OFC	IS	EXP	Identification and propagation techniques of different bamboo	2	2	3	-	2	-	3	-	2	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				species and bamboo based agroforestry system										
Kalahandi	OFC	IS	EXP	Role of Agroforestry models in village community	2	2	3	-	4	-	-	-	3	-
Kalahandi	OFC	IS	EXP	Management & Designing of training Programme	2	2	-	-	4	-	1	-	5	-
Kalahandi	OFC	IS	EXP	Designing & development techniques of farm publication	2	2	3	-	2	2	2	1	-	-
Kalahandi	OFC	IS	EXP	Monitoring & evaluation of Project Management in Extension.	2	2	-	1	-	-	2	-	6	1
Kalahandi	OFC	IS	EXP	Training module development & Lesson plan preparation	2	2	1	1	-	1	2	1	3	1

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

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries									
					Gen		SC		ST		Others			
					M	F	M	F	M	F	M	F		



Kalahandi	Mushroom production Technology	OTH		RY	5	20	1	7	0	0	2	3	4	3		District Planning & Monitoring Unit, Kalahandi	45,000/-	
Kalahandi	Goat rearing for Sustainable Livelihood	LPM		RY	5	20		4	1	0	0	1	0	1	4	0	District Planning & Monitoring Unit, Kalahandi	45,000/-
Kalahandi	Quality Planting Material Production (Vegetables & forest species)	HOV & AGF		RY	5	20	1	0	0	0	3	0	4	0		District Planning & Monitoring Unit, Kalahandi	45,000/-	
Kalahandi	Value added products of Fruits & Vegetables	OTH		RY	5	20										District Planning & Monitoring Unit, Kalahandi	45,000/-	
Kalahandi	Mushroom production Technology	OTH		RY	5	20										District Planning & Monitoring Unit, Kalahandi	45,000/-	
Kalahandi	Profitable poultry rearing for sustainable rural livelihood	LPM		RY	5	20										District Planning & Monitoring Unit, Kalahandi	45,000/-	
Kalahandi	Organic farming & Vermicomposting Technoque	SFM		RY	5	20										District Planning & Monitoring Unit, Kalahandi	45,000/-	
							8	0	0	0	1	3	1	7				
							6	1	0	0	1	0	1	2	0			
							5	0	0	0	0	0	1	5	0			
							6	0	0	0	2	0	1	2	0			

Kalahandi	Production techniques of high value low volume crops	HOV		RY	5	20												District Planning & Monitoring Unit, Kalahandi	45,000/-
Kalahandi	Goat rearing for Sustainable Livelihood	LPM		RY	5	20												District Planning & Monitoring Unit, Kalahandi	45,000/-
Kalahandi	State level farmers' Training on Organic Turmeric Cultivation	SFM		F/ FW	2	50												High Altitude Research Station, (NHM), Pottangi, Koraput	--
Kalahandi	Awareness Training Programme on Protection of Plant Varieties & Farmers' Right Act.	CRP		F/ FW	01	100												PPV & FR Authority, New Delhi	80,000/-
Kalahandi	Farmer Training Programme on Organic Turmeric Cultivation	SFM		F/ FW	01	50												College of Agriculture, OUAT, Bhubaneswar	--

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

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

Table 5.6 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Kalahandi	Crop diversification for sustainability, profitability and nutritional security	25	2	6	28	36	30,000	55,000	1. 200 2. 352 3. 28
Kalahandi	Micronutrient deficiency in cotton and their remedies	25	4	7	8	12.5	20,000	27,500	1. 340 2. 642 3. 35
Kalahandi	Nutrient management in Tissue culture Banana	25	3	7	258	330	80,000	1,05,000	1. 30 2. 150 3. 30

**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	Topics	Crop Stages
				M	F	M	F	M	F			
Kalahandi	Field Day	08	03	78	-	42	-	35	18			
Kalahandi	Kisan Mela	01	01	275	136	211	78	47	35			
Kalahandi	Kisan Ghosthi	08	05	52	-	73	-	-	-			
Kalahandi	Exhibition	2	04	275	136	211	78	47	35			
Kalahandi	Film Show	12	08	107	31	142	90	32	18			
Kalahandi	Method Demonstrations	20	18	87	35	99	19	14	12			
Kalahandi	Farmers Seminar	2	-	-	-	-	-	-	-			
Kalahandi	Workshop	1	2	28	-	22	-	17	15			
Kalahandi	Group meetings	-	-	-	-	-	-	-	-			
Kalahandi	Lectures delivered as resource persons	25	24	185	96	149	65	16	08			
Kalahandi	Newspaper coverage	12	10	-	-	-	-	-	-			
Kalahandi	Radio talks	15	11	-	-	-	-	-	-			
Kalahandi	TV talks	12	14	-	-	-	-	-	-			
Kalahandi	Popular articles	10	06	-	-	-	-	-	-			
Kalahandi	Extension Literature	05	3	-	-	-	-	-	-			
Kalahandi	Farm advisory Services	-	-	-	-	-	-	-	-			
Kalahandi	Scientific visit to farmers field	140	143	462	105	404	130	-	-			
Kalahandi	Farmers visit to KVK	350	302	87	26	125	64	-	-			
Kalahandi	Diagnostic visits	-	-	-	-	-	-	-	-			
Kalahandi	Exposure visits	-	-	-	-	-	-	-	-			
Kalahandi	Ex-trainees Sammelan	2	-	-	-	-	-	-	-			
Kalahandi	Soil health Camp	2	1	27	-	23	-	7	5			
Kalahandi	Animal Health Camp	2	1	14	05	30	02	8	4			
Kalahandi	Agri mobile clinic	-	-	-	-	-	-	-	-			
Kalahandi	Soil test campaigns	1	-	-	-	-	-	-	-			
Kalahandi	Farm Science Club conveners meet	4	2	43	8	49	-	21	12			
Kalahandi	Self Help Group conveners meetings	4	2	-	32	-	28	5	9			

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension		Purpose	Topics	Crop Stages
				M	F	M	F	M	F			
Kalahandi	Mahila Mandals conveners meetings	2	2	-	32	-	28	5	9			
Kalahandi	Celebration of important days (World environment day)	5	6	87	21	125	38	16	08			

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

### 7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Kalahandi	April-June, 2014	Krushika kalika	500	350
Kalahandi	July-September, 2014	Krushika Kalika	500	420

### 7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Kalahandi	Extension Literature	Year planner, 2013-14	All the staff of KKV, Kalahandi	300
Kalahandi	Popular Article	Importance & Utility of Mycorrhiza (ORIYA)	G.R. Sahoo , R. K Tarai & A.Dash	-
Kalahandi	Popular Article	Soil conservation techniques (ORIYA)	G.R. Sahoo , R. K Tarai & M.Jena	-
Kalahandi	Popular Article	Nutrient management in Tissue culture Banana (ORIYA)	R.K Tarai, G.R Sahoo & T.Majhi	-
Kalahandi	Popular Article	Management of village forest (ORIYA)	G.R Sahoo, M.Jena& T.Majhi	-
Kalahandi	Popular Article	Farmers' Friend Crop ((ORIYA))	G.R Sahoo & R.K Tarai	-
Kalahandi	Popular Article	Integrated Farming System- A Sustainable Approach (ORIYA)	G.R Sahoo,A.Dash, G.Prasad &P. Swain	-

### 7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
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## 8. Production and supply of Technological products

### 8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Kalahandi	Cereal	Paddy	Naveen (F)	49	1,19,266	-	
Kalahandi	Cereal	Paddy	Satyakrishna (F)	89.6	2,18,089	-	
Kalahandi	Cereal	Paddy	Ranidhan (F)	124	3,01,816	-	
Kalahandi	Pulses	Lathyrus Sativus	-	2.18	3500	05	
Kalahandi	Pulses	Pigeon Pea	ICPL 87-119	0.46	1840	8	
Kalahandi	Cereal	Maize	MM-1107	0.54	810	12	
Kalahandi	Fruit	Banana	G-9	385 fingers	385	10	
Kalahandi	Straw	Paddy Straw	-	25	2500	5	

### 8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Kalahandi	Vegetable seedlings	Tomato	Swarna Sampad, Lakshmi, Indam-3001	10400	5200	15	
Kalahandi	Vegetable seedlings	Brinjal	Navkiran, Swarna Shyamali, VNR-212	8700	4350	12	
Kalahandi	Vegetable seedlings	Papaya	Red Lady, Simta F1	61 no.	1525	25	

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Kalahandi	Vegetable seedlings	Drumstick	PKM-1	40 no.	800	14	
Kalahandi	Vegetable seedlings	Cabbage	Kohinoor, Neel	1500	900	06	
Kalahandi	Vegetable seedlings	Cauliflower	Snowball	1700	1020	08	
Kalahandi	Vegetable seedlings	Chilli	Indam-42, Super Jhankar	1500	750	10	
Kalahandi	Vegetable seedlings	Capsicum	Indam Super Gold, Indam Mahabharat	500	250	12	
Kalahandi	Fruit Sapling	Grafted Mango	Bombay Green	59 no.	1475	12	
Kalahandi	Forest sapling	Bamboo	Bambusa nutans	100 no.	1000	14	

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

KVK Name	Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Kalahandi	Bio Agents	Earthworm	02	-	1000	04	
Kalahandi	Bio Fertilizer	Vermicompost	1900	-	9500	20	
Kalahandi	Mushroom	Paddy & Oyster Mushroom	87.5	-	9000	70	
Kalahandi	Mushroom Spawn Bottle	( Paddy straw & oyster)Spawn Bottle	-	380		40	

### 8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre )	Value (Rs.)	No. of Beneficiaries
Kalahandi	Poultry Bird (Chick)	Vanaraja	21 days chick	1750 no	87,500	150
Kalahandi	Fish- fingerlings	-	-	4.0 lac	2000	04

## 9. Activities of Soil and Water Testing Laboratory

### 9.1 Details of soil samples analyzed so far :

KVK	Status of	Year of	Details	No. of Samples	No. of Farmers	No. of	Amount	Soil report
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Name	establishment of Lab	establishment				Villages	realized	distributed to the farmers (Nos)
Kalahandi	Functioning	March, 2005	Village survey	400	105	32	2000	105

## 9.2 Details of water samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Water report distributed to the farmers (Nos)
Kalahandi	Functioning	March, 2005	Village survey	10	10	3	-	10

## 10. Rainwater Harvesting

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

Name of KVK	Date	Title of the training course	Client (PF/RY/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total

## 11. Utilization of Farmers Hostel facilities

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

					<b>stayed</b>	<b>stayed)</b>		
Kalahandi	December	2014	Production techniques of high value low volume crops	05	20	05	--	25
Kalahandi	December	2014	Mushroom production Technology	05	20	05	--	25
Kalahandi	January	2015	Goat rearing for Sustainable Livelihood	05	20	05	--	25
Kalahandi	January	2015	Quality Planting Material Production (Vegetables & forest species)	05	20	05	--	25
Kalahandi	February	2015	Value added products of Fruits & Vegetables	05	20	05	--	25
Kalahandi	February	2015	Mushroom production Technology	05	20	05	--	25
Kalahandi	March	2015	Profitable poultry rearing for sustainable rural livelihood	05	20	05	--	25
Kalahandi	March	2015	Organic farming & Vermicomposting Technoque	05	20	05	--	25
Kalahandi	March	2015	Production techniques of high value low volume crops	05	20	05	--	25
Kalahandi	March	2015	Goat rearing for Sustainable Livelihood	05	20	05	--	25

## 12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Kalahandi	2011	2012	02	-	-

## 13. Details of SAC Meeting

KVK Name	Date of SAC	No. of SAC	Major recommendations
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	meeting	members attended	
Kalahandi	18.09.2014	40	<ul style="list-style-type: none"> <li>➤ Demonstration on export oriented super fine aromatic rice variety.</li> <li>➤ Development of farmer promoters for better horizontal expansion of the agricultural technologies.</li> <li>➤ Emphasis should be given on promotion of tuber crops i.e colocasia, yam, sweet potato &amp; potato</li> <li>➤ Demonstration and Popularization of sweet corn maize variety.</li> <li>➤ Integrated farming system model to be developed in each adopted villages</li> <li>➤ Training should be imparted for creating employment opportunity for rural youth and Self Help Group members</li> </ul>
Kalahandi	12.02.2015	35	<ul style="list-style-type: none"> <li>➤ Strategic plan to be made for encouraging dairy farmers for fodder crop cultivation.</li> <li>➤ Training to be conducted on preservation, processing and value added products of fruits &amp; vegetables.</li> <li>➤ Promotion of organic farming and soil health campaign to be conducted in each adopted village.</li> <li>➤ KMA services should not only include weather forecast and agriculture related messages but also include veterinary, fishery, marketing and service related messages.</li> </ul>

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

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Kalahandi	140	983	43	Farmers Portal	

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

KVK Name	Name of scheme	Name of Agency	Funds received (Rs.)	Activities organized	Operational Area	Remarks
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		<b>(Central/state)</b>			
Kalahandi	Bringing Green Revolution in Eastern India (BGREI)	State	--	Technical guidance (Paddy cultivation) and Monitoring the activities under BGERI	All the blocks of Kalahandi District

### 16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Kalahandi	31944687691	1,45,479/-	1,56,168/-	1,56,168/-

### 17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organization	Amount received
Kalahandi	Best KVK of Odisha (2013-14)	Institution, KVK, Kalahandi	Odisha University of Agriculture & Technology, Bhubaneswar	--
Kalahandi	Best Oral presentation in XXI Zonal workshop of KVK, 2014	Individual (Dr.R.K. Tarai, Programme Coordinator, KVK, Kalahandi)	ICAR ZPD, Zone-VII	--
Kalahandi	Ajit Kumar Naik, Progressive farmer	Farmer (Narla Block, Kalahandi)	OUAT Foundation Day , Bhubaneswar	--

### 18. Details of KVK Agro-technological Park .

#### a) Have you prepared layout plan, where sent?

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

#### b) Details about Technology Park

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

	Technology Gate-Valve	
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c). Crop Cafeteria-

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

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

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1.	Kalahandi	Durga Charan Pradhan	Cotton Ridger	At- Bangalipada, Po- Kikia, Via- Utkela, Block- Kesinga, Dist- Kalahandi Mobile no- 91-9583474582
2.	Kalahandi	Indubhusan Swain	Banana cultivation	At/Po-Boria Via- Utkela, Block- Kesinga, Dist- Kalahandi Mobile no- 91-9938090828
3.	Kalahandi	Ghanashyam Verma	Agro-forestry model	Village-Jurkabadi, Block- Kesinga Mobile no-91-9938514100
4.	Kalahandi	Prahallad Budhia	Integrated farming system	Village- Kanakpur,Block- Bhawaniatna Mobile no- 8018698722 / 7894581168
5.	Kalahandi	Ajit Pradhan	Hybrid Paddy	Village-Dahal, Po-Kandel, Block- Narla Mobile no- 91-9777870404
6.	Kalahandi	Janmenjaya Mahapatra	Pond based farming system	Village-Durduri, Block- Bhawanipatna Mobile no- 91-9777870404
7.	Kalahandi	Murali Budhia	Integrated Farming system	Village- Kanakpur,Block- Bhawaniatna Mobile no- 91-7894581168
8.	Kalahandi	Kesab Chandra Bhoi	Hybrid sunflower production	At/Po-Kashrupada, Block- Kesinga Mobile no- 91-7894581168
9.	Kalahandi	Ahalya Sahu	Mushroom Production	Village- Malgaon Block- Bhwanipatna Mobile no- 91-9777463293
10.	Kalahandi	Ashok Kumar Pattnaik	Poultry farming	Village- Ghantabahali, Block- Junagarh

				Mobile no- 91-9439120060
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## 20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
	15.0.2015	50
	17.01.2015	50

## 21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Kalahandi	9	12	37	142

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt

## 23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
Kalahandi	KVK, Nuapada	Resource sharing, Knowledge sharing, Distribution of technical material (News letter, Extension literature)	Easy transfer of regional technology to nearby districts.
Kalahandi	KVK, Bolangir	Resource sharing, Knowledge sharing, Distribution of technical material (News letter, Extension literature)	Easy transfer of regional technology to nearby districts.

## 24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Kalahandi	Dr. Manoranjan Kar, Hon'ble Vice-chancellor, OUAT, Bhubaneswar	08.05.2014		SAU		
Kalahandi	Prof. B.K. Mishra, Dean, College of Agriculture, OUAT, Bhubaneswar	08.05.2014		SAU		

Kalahandi	Prof.R.K Das, Dean , Student Welfare, OUAT, Bhubaneswar	08.05.2014		SAU		
Kalahandi	Prof. S.K. Rout, Director, Planning Monitoring & Evaluation, OUAT, Bhubaneswar	08.05.2014		SAU		
Kalahandi	Dr. S.S Nanda, Dean, Directorate of Extension Education, OUAT, Bhubaneswar	18.09.2014		SAU		
Kalahandi	Dr. Prem Chand, Scientist, ZPD, Zone-VII, Jabalpur	18.09.2014	ICAR			
Kalahandi	Dr. B.K Upadhaya, Hon'ble Collector & District Magistrate, Kalahandi					
Kalahandi	Nirmallya Mandal, Sr- Consultant, MART, Bhubaneswar	09.07.2014			MART, Bhubaneswar	
Kalahandi	Ramesh Chandra Jens, Partner, MART	09.07.2014			MART, Bhubaneswar	
Kalahandi	Sanjaya Mohanty, Partner, MART	09.07.2014			MART, Bhubaneswar	
Kalahandi	Jyoti Prusty, CARE India	29.7.2014			CARE India	
Kalahandi	Sudhanshu Khosla, WMT (Watershed-Kosagunda)	10.09.2014			WTM Social IWMP-VI, Nawarangpur	
Kalahandi	Dinesh Sahu, WTM Social IWMP-VI, Nawarangpur	10.09.2014			WTM Social IWMP-VI, Nawarangpur	
Kalahandi	Dushmanth Pradhan, Dist.Coordinator, KIIT, Kalahandi Project	18.09.2014			KIIT, Kalahandi Project	
Kalahandi	Malaya Kumar Meher, Asst.Manager, NABARD, Regional Office, Bhubaneswar	24.11.2014			NABARD, Regional Office, Bhubaneswar	
Kalahandi	Nigamananda Behera, Team Leader, Harsha Trust, Bhwanipatna	24.11.2014			Harsha Trust, Bhwanipatna	
Kalahandi	Dr.B.K sahu, Retd. Professor (Agronomy), OUAT, Bhubaneswar	05.12.2014		SAU		
Kalahandi	Kumudini Mishra, Analytical Expert, DPMU, Kalahandi	07.12.2014			District Planning & Monitoring Unit, Kalahandi	
Kalahandi	D.Swain, o/c & Breeder, AICRP on Maize, OUAT, Bhubaneswar	11.12.2014		SAU		
Kalahandi	Dr. Parsuram Sial, Breeder & o/c, HARS, Pottangi	17.01.2015		SAU High Altitude Research Station, Pottangi,		

				Korapout		
Kalahandi	Chakradhar Panda, seed Analyst, S.S.T.L, Govt. of Odisha, Department of Agriculture, Bhubaneswar.	16.01.2015			State Seed Testing Laboratory, Govt. of Odisha, Department of Agriculture, Bhubaneswar	
Kalahandi	Dr.P.Banerjee, Jt.Director, Directorate of Extension Education, OUAT, Bhubaneswar	16.01.2015		SAU		
Kalahandi	Dr. Manoranjaj Kar, Hon'ble Vice-chancellor, OUAT, Bhubaneswar	26.2.2015		SAU		
Kalahandi	Dr.S.C Sahu, Director, IMD, Bhubaneswar	18.03.2015			IMD, Bhubaneswar	
Kalahandi	Dr. S.C. Swain, Assoc. Prof. (Horticulture) & Officer In-Charge, AICRP on MAP & Betelvine, OUAT, Bhubaneswar	20.03.2015		SAU AICRP on MAP & Betelvine, OUAT, Bhubaneswar		

#### 25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
	Kalahandi	<a href="http://www.kalahandikvk.org">www.kalahandikvk.org</a>	05	4100

#### 26. E-CONNECTIVITY

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			
Kalahandi	--	--	--	--	--	--	--

#### 27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
	Kalahandi	--	--	--

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received( Nos)	Query Disposed( Nos)	Remarks
	Kalahandi	-	-	-

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Kalahandi	Dr.Ranjan.Kumar Tarai	Programme Coordinator	04	-
Kalahandi	Gyana.Ranjan Sahoo	Subject Matter Specialist (Forestry)	-	-
Kalahandi	Madhumita Jena	Subject Matter Specialist (Extension)	02	-
Kalahandi	Ganesh.Prasad,	Subject Matter Specialist (Agronomy)	02	-
Kalahandi	Tualsi Majhi	Subject Matter Specialist (Horticulture)	01	-
Kalahandi	Mrs.Lata Malik	Subject Matter Specialist (Soil Science)	01	-
Kalahandi	Tapan Ku. Das	Subject Matter Specialist (Plant Protection)	-	-
Kalahandi	Dilip Kumar Barik	Programme Assistant (Computer)	01	-
				-

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Kalahandi	08	11

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Kalahandi	Dr.Ranjan.Kumar Tarai	Programme Coordinator	04	-
Kalahandi	Gyana.Ranjan Sahoo	Subject Matter Specialist (Forestry)	01	-
Kalahandi	Madhumita Jena	Subject Matter Specialist (Extension)	02	-
Kalahandi	Ganesh.Prasad,	Subject Matter Specialist (Agronomy)	04	-
Kalahandi	Tualsi Majhi	Subject Matter Specialist (Horticulture)	01	-
Kalahandi	Mrs.Lata Malik	Subject Matter Specialist (Soil Science)	02	-
Kalahandi	Tapan Ku. Das	Subject Matter Specialist (Plant Protection)	01	-
Kalahandi	Priyadarsini Swain	Farm Manager	01	-
Kalahandi	Dilip Kumar Barik	Programme Assistant (Computer)	01	-

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Kalahandi	09	17

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

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks
Kalahandi	Ranjan Kumar Tarai	Programme Coordinator	02	
Kalahandi	Ganesh.Prasad,	Subject Matter Specialist (Agronomy)	02	
<b>Kalahandi</b>	Madhumita Jena	Subject Matter Specialist (Extension)	01	
<b>Kalahandi</b>	Tualsi Majhi	Subject Matter Specialist (Horticulture)	01	

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Kalahandi	04	06

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

Name of KVK	Alert observed	Particulars	Reported to organization

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

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

### 34. INTERVENTIONS ON DROUGHT MITIGATION

#### Introduction of alternate crops/varieties

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

#### Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

#### Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No. of participants

#### Animal health camps organized

Name of KVK	Number of camps	No.of animals	No.of farmers
KALAHANDI	01	200	50

#### Seed distribution in drought hit states

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

#### Seedlings and Saplings 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 gist 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

### 35. 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	Any Special Remark by Visitors

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

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

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

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

#### Pond based farming system for livelihood sustainability.

Jailal Kaibarta is a 46 year old Schedule Tribe farmer of Bhawanipatna block who had taken up pisciculture as his livelihood source of income. His family consists of 4 members, his wife, one son and daughter. He depends upon on fingerling production to run his family. Due to traditionally pisciculture practice and lack of scientific management and technological backstopping he used to get low return from fingerling production. During a diagnostic field visit he came in contact with the fishery scientist of KVK and discussed about the problem faced by him in the fingerling production.

**Intervention-** He was told to upgrade his knowledge regarding fingerling production and imparted training on design and layout of fish pond, liming of the pond, aquatic insect control in nursery pond, Probiotics application procedure in fish pond, Stunted fingerlings production etc and showcased some technology through front line demonstration on Improvement of fish production through periphyton based composite carp culture practice, Use of stunted fingerlings(yearlings) as stocking material in composite carp culture, application of soap oil emulsion to control aquatic insect in carp nursery etc.

The Fishery department officials also helped the farmer in digging of more no of fish pond by providing the subsidy facility and gradually he tried for more no of fish pond and now he has 8 no of fish pond covering a area of 8 acre in Kamthana of Bhawanipatna, jarring of Junagarh block and

mandal of Kalampur block. At the same time fishery department has allowed him for exposure visit to many places where he could learn scientific and improved management of fish pond and fingerling production.

KVK scientist suggested him to go for pond based farming system where the pond dike can be used for growing seasonal vegetables and pulses round the year which will provide some additional income to his livelihood. KVK helped him in building up knowledge and skill of the farmer regarding Integrated Farming System for fingerling production along with some seasonal vegetable and pulses in the pond dike, So that a particular piece of land can be optimally utilized.

TABLE- 1 . COST-BENEFIT ANALYSIS

Sl no	Enterprise	Area (acre)	Yield	Cost of Cultivation	Gross Return	Net Return	B:C Ratio
1.	Fingerling production	8 acre 8 no of pond	10,00,000 no of fingerling per acre of pond	5,20,000	1,400,000	8,80,000	2.69
2.	Tomato (VNR)	400m2	12Q	3500	9000	5500	2.57
3.	Brinjal (VNR)	400m2	10Q	3250	8500	5250	2.61
4.	Pigeon pea (ICPL-87-119)	800m2	1Q	2000	4400	2400	2.2
<b>Tota</b>				<b>5,28,750</b>	<b>1,421,900</b>	<b>893,150</b>	<b>2.68</b>
<b>1</b>							

Impact :

This person is really a source of inspiration for others and been awarded from various forum for his hard work and strong determination. He is well known in the district for fingerling production. Now he has planned to take up a breeding unit. His continuous effort and strong will power helped his to prosper, before he had two no of fish pond and now he had eight no of fish pond in three blocks of the district. He is truly a role model for the kalahandi district.

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

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