

ANNUAL PROGRESS REPORT

April 2015 to March 2016

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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. Grey color cells in summary table need not to be filled.
13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).
Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).
Fruits :- Mango, Guava, Custard apple, Pear etc.
Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.

REPORTING PERIOD – April 2015 to March 2016

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

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	10		84
	On Going OFT	04		28
	Technologies assessed (Completed OFT)	06		56
	Technologies refined	00		00
	On farm trials conducted	10		84
2	Frontline demonstrations			
	Proposed Frontline demonstrations	18		619
	On Going Frontline demonstrations	04		370
	FLDs conducted on crops	15		314
	Area under crops (ha.)	83.8		314
	FLD on farm implement and tools	01		05
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	01		300
	FLD on Fisheries - Finger lings	00		00
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	02		20
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	05		45
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	14	14	350
	Farm women	14	14	350
	Rural youth	03	09	45
	Extension personnel/ In service	02	02	25
	Vocational trainings	01	10	10
	Sponsored Training	00	00	00
	Total	34	49	780
		No. of programmes		Participants
4	Extension Programmes	308		2253
5	Production of technology inputs etc	Qty		Beneficiaries (nos.)
	Seed (qt.)	00		00
	Planting material produced (nos.)	00		00
6	Livestock	Qty		Beneficiaries (nos.)
	Livestock strains (Nos)	0		0
	Milk Yield - Cow, Buffelo etc. (in liter)	0		0
	Fish (Kg.)	0	0	
	Fingerlings (nos.)	0	0	
	Poultry-Eggs (nos.)	0	0	
	Ducks (nos.)	0	0	
	Chicks etc. (nos.)	0	0	

7	Bio Products		Qty	Beneficiaries (nos.)
	Bio Agents -Earth worm (Kg.)		0	0
	Trichoderma (kg.)	0		0
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)		0	0
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)		0	0
8	Any other significant achievement in the Zone		Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)		0	0
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)		2	2000
	KVK News letter		4	2000
	SAC Meetings conducted		2	80
	Soil sample tested		190	833
	Water sample tested		0	0
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)		0	0
	KVK-KMA (Message and beneficiaries)		102	
	Convergence programmes		01	
	Sponsored programmes		00	00
	KVK Progressive Farmers interaction		00	00
	No. of Technology Week Celebrations		01	250
	Attended HRD activities organized by ZPD		01	01
	Attended HRD activities organized by DES		02	02
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)		0	0
9	Current status of Revolving Funds (Amt. in Rs.)			Nil
10			No. of blocks	No. of villages
	Outreach of KVK in the District		07	60
11			ICAR	SAU Others
	No. of important visitors to KVK (nos.)		00	00 00
12			Working (Yes/No)	No. of Update
	Status of KVK Website		Yes	35
13			Application received	Application disposed
	Status of RTI (nos.)		00	00
14			Query received	Query dissolved
	Citizen Charter (nos.)		00	00
15			Working (Yes/No)	No. of programme viewed
	E-connectivity		-	-
16			Filled	Vacant
	Staff Position		08	08
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	03		
18	Publication received from ICAR /other organization (nos.)	11		
19			Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	08		ZPD

GENERAL INFORMATION

1.1. Staff Position (31.03.2016)

Summary of Staff position in KVKs on March, 2016

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Sundargarh-II	16	01	01	06	02	03	02	06	03	16	08

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
Sundargarh-II	Programme Coordinator	Jayanta Kumar Pati	Ag. Extension	M.Sc. (Ag.)	Ag. Extension	15,600-39,100/-	23,070/-	21.02.2005	Permanent	General
Sundargarh-II	Subject Matter Specialist1	Bijaya Laxmi Sahu	Home Science	M.Sc.. (Home Sc.)	Human Development	15,600-39,100/-	23,070/-	17.01.2005	Permanent	General
Sundargarh-II	Subject Matter Specialist2	Sanjay Kumar Pradhan	Horticulture	M.Sc. (Ag.)	Pomology	15,600-39,100/-	19,810/-	01.10.2009	Permanent	General
Sundargarh-II	Subject Matter Specialist3	Vacant								
Sundargarh-II	Subject Matter Specialist4	Vacant								
Sundargarh-II	Subject Matter Specialist5	Vacant								
Sundargarh-II	Subject Matter Specialist6	Vacant								
Sundargarh-II	Programme Assistant	Anubha Benedicta Kujur	Seed Science	M.Sc. (Ag.)	Seed Science	9,300-34,800/-	9,300/-	31.12.2015	Temporary	
Sundargarh-II	Farm Manager	Vacant								
Sundargarh-II	Computer Programmer	Somadutta Mohanty	Computer Science	M. Tech. (IT)	Information Technology	9,300-34,800/-	15,240/-	14.07.2005	Permanent	General
Sundargarh-II	Accountant / superintendent	Vacant								
Sundargarh-II	Stenographer	Vacant								
Sundargarh-II	Driver	Erastus Ddungdung	Driver	Matric		5,200-20,000/-	5,200/-	20.07.2015	Temporary	

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
Sundargarh-II	Driver	Jitendra Kumar Sethy	Driver	Matric		5,200-20,000/-	5,200/-	27.07.2015	Temporary	OBC
Sundargarh-II	Supporting staff	Harihar Mohapatra	Peon	Matric		4,750-14,680		22.11.2014	Temporary	General
Sundargarh-II	Supporting staff	Vacant								

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
Sundargarh-II	North Western Plateau Zone	17	262	1830673	65.22%	1076984	145639	1.55 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)
Sundargarh-II	Kansar	2012-13	Lathikata	15	1015	157
Sundargarh-II	Nakakhandi	2012-13	Lathikata	30	750	120
Sundargarh-II	Patrapalli	2013-14	Nuagaon	50	1850	315
Sundargarh-II	Khatankudar	2013-14	Bisra	40	515	105
Sundargarh-II	Ramjodi	2013-14	Lathikata	25	1600	270

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

KVK Name	THRUST AREA
Sundargarh-II	Yield enhancement of cereals, pulses, fruits, vegetable through improved crop management strategies
Sundargarh-II	Management of Acid soils for higher productivity
Sundargarh-II	Water Management and Soil Conservation
Sundargarh-II	Increase yield by substituting local/ degraded varieties in vegetables
Sundargarh-II	Ameliorate the problem of micro nutrient deficiency in soil
Sundargarh-II	Emphasize on cultivation of lucrative off-season vegetables
Sundargarh-II	Introduce crop diversification in uplands
Sundargarh-II	Emphasize on increasing the acreage of the fruit crops like mango & banana
Sundargarh-II	Varietal substitution of short duration paddy in uplands
Sundargarh-II	Introduce use of organic inputs in vegetables
Sundargarh-II	Drudgery reduction of Farmwomen
Sundargarh-II	Promote nutritional garden in backyard

Sundargarh-II	Promote preservation and value addition through WSHGs
Sundargarh-II	Economic empowerment of women through alternate income generating activities
Sundargarh-II	Integrated Nutrient Management
Sundargarh-II	Integrated Insect Pest Management
Sundargarh-II	Integrated Disease Management

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
Sundargarh-II	Distress sale of paddy due to absence of exportable quality	PRA, Group Discussion and Response Analysis	Ramjodi, Lathikata
Sundargarh-II	Local variety is susceptible to diseases.	PRA, Group Discussion and Response Analysis	Khuntagaon, Lahunipada
Sundargarh-II	Indiscriminate use of pesticides	PRA, Group Discussion and Response Analysis	Brahmaniogaon, Lahunipada
Sundargarh-II	Wilting in Tomato (67%-88%)	PRA, Group Discussion and Response Analysis	Bangurkela, Bisra
Sundargarh-II	Low yield in chilly (24 q/ha)	PRA, Group Discussion and Response Analysis	Nakakhandi, Lathikata
Sundargarh-II	Less price in on-season due to market glut in cauliflower (Rs.21,400/ha sold @ Rs.400/q)	PRA, Group Discussion and Response Analysis	Sarubahal, Bisra
Sundargarh-II	Low yield in cauliflower (142 q/ha)	PRA, Group Discussion and Response Analysis	Badajajoda, Nuagaon
Sundargarh-II	Low yield in brinjal (145 q/ha)	PRA, Group Discussion and Response Analysis	Sampokhar, Bisra
Sundargarh-II	Low yield in pointed gourd (242 q/ha)	PRA, Group Discussion and Response Analysis	Patharapalli, Nuagaon
Sundargarh-II	Low yield of paddy in upland and under monoculture cropping pattern	PRA, Group Discussion and Response Analysis	Garda, Nuagaon
Sundargarh-II	Low profit from cultivation of traditional old rice varieties susceptible to pest and diseases	PRA, Group Discussion and Response Analysis	Suarpalli, Bisra
Sundargarh-II	Heavy weed infestation with special reference to indiscriminate use of weedicide	PRA, Group Discussion and Response Analysis	Khatankudar, Bisra
Sundargarh-II	High incidence of insect pest results in poor yield of different crops	PRA, Group Discussion and Response Analysis	Ramjodi, Lathikata
Sundargarh-II	Low profit from imbalance fertilizer application without soil testing	PRA, Group Discussion and Response	Khuntagaon,

		Analysis	Lahunipada
Sundargarh-II	Bacterial and fungal wilt in solanaceous vegetables.	PRA, Group Discussion and Response Analysis	Brahmaniogaon, Lahunipada
Sundargarh-II	Low profit from traditional variety of vegetable cultivation	PRA, Group Discussion and Response Analysis	Bangurkela, Bisra
Sundargarh-II	Non utilization of dried out reservoir/ river bed	PRA, Group Discussion and Response Analysis	Jamunanakki, Kuanrmunda
Sundargarh-II	Wastage of paddy straw in the field.	PRA, Group Discussion and Response Analysis	Karimati, Nuagaon
Sundargarh-II	Decline of cattle population due to unavailability of fodder and low yield of milk from indigenous milch cow.	PRA, Group Discussion and Response Analysis	Kansar, Lathikata
Sundargarh-II	Poor egg laying capacity and high mortality of indigenous poultry bird.	PRA, Group Discussion and Response Analysis	Birkera, Lathikata
Sundargarh-II	No value addition of surplus farm produce	PRA, Group Discussion and Response Analysis	Nakakhandi, Lathikata
Sundargarh-II	Lack of awareness of harvesting of paddy straw for mushroom cultivation.	PRA, Group Discussion and Response Analysis	Sarubahal, Bisra
Sundargarh-II	Malnutrition and drudgery of the people.	PRA, Group Discussion and Response Analysis	Badajajoda, Nuagaon
Sundargarh-II	Cultivation of local maize varieties results low production	PRA, Group Discussion and Response Analysis	Sampokhar, Bisra
Sundargarh-II	Unavailability of FYM/ organic inputs	PRA, Group Discussion and Response Analysis	Patharapalli, Nuagaon
Sundargarh-II	Indiscriminate use of pesticides enhances cost and resulting in residue problem.	PRA, Group Discussion and Response Analysis	Garda, Nuagaon
Sundargarh-II	Inadequate pre and post stocking management with improper size and species combination.	PRA, Group Discussion and Response Analysis	Suarpalli, Bisra
Sundargarh-II	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	Khatankudar, Bisra
Sundargarh-II	Improper utilization of uplands, hilly terrain and undulated land	PRA, Group Discussion and Response Analysis	Ramjodi, Lathikata
Sundargarh-II	Lack of suitable enterprise for the farm women and low house hold income	Livelihood analysis, SHG meet, group discussion.	Gopapur, Nuagaon

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

KVK name	Year	Season	Problem diagnosis	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	No. of trials	Results (q/ha)			Net Returns (Rs./ha)			Recommendations
										FP (T ₁)	RP (T ₂)	T ₃	FP (T ₁)	RP (T ₂)	T ₃	
Sundargarh-II	2015	Kharif	Low yield of cowpea due to use of local varieties	Assessment of suitable cowpea varieties under rainfed upland situation	Assessment	Varietal evaluation	Crop	Rainfed	13	83	94	106	68250	82750	98000	Kashi Kanchan variety of cowpea is found to be most suitable in this Agro Ecological situation
Sundargarh-II	2015	Late kharif	Different soil borne disease like damping off cause serious damage to vegetable seedlings	Assessment of different soil treating elements for nursery raising of vegetables	Assessment	Integrated disease management	Crop	Rainfed	05	64 healthy seedlings per sq mt	96 healthy seedlings per sq mt					Bavistin found to be best soil treating chemicals for control of soil borne disease like damping off
Sundargarh-II	2015-16	Rabi	Low yield	Assessment of	Assessment	Integrated Crop	Crop	Rainfed	05	270	315	374	155000	189500	230000	Staking materials can

			when the fruit makes contact with ground level, infested due to fruit rot and they also faces the problem of sun burn when fruits are not shaded by foliage	different staking methods in tomatoes		Management											be reused in the next tomato crop
Sundargarh-II	2015-16	Rabi	Low yield due to unbalanced use of nutrients	Assessment of integrated nutrient management in chilli	Assessment	Integrated Nutrient Management	Crop	Rainfed	05	94	106	122	61500	74750	98000		
Sundargarh-II	Rabi, 2015-16	Rabi	Cultivation of Potato Varieties Lal Patni	Assessment of Potato varieties Irrigated medium land of Plateau eco system	Assessment	Varietal substitution	Crop	Rainfed	05	211	229	245,266	79450	92150	105750, 123600	--	
Sundargarh-II	Kharif 2015	Kharif		Project on study of ICT tools – mobile messaging, social media (Whatsapp) in dissemination of agricultural messages	Assessment	Convergence of Line Department	Crop	Rainfed	05	On Going							

Sundargarh-II	Rabi 2015-16	Rabi	Low income due to unorganized approach	Analyzing various Steps & Channels involved in marketing of food Grains (Kharif) vegetables (Rabi) from 'Farm To Plate'	Assessment	Group Dynamics	Crop	Rainfed	05	On Going						
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2.2 Economic Performance

KVK name	OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
Sundargarh-II	Assessment of suitable cowpea varieties under rainfed upland situation	Wt. of Fruits per Plant (gm.)	747 g.	954 g.	56250	61000	--	124500	159000	--	68250	98000	--	2.21	2.61	--
Sundargarh-II	Assessment of different soil treating elements for nursery raising of vegetables	Damping off %	28%	2%	--	--	--	--	--	--	--	--	--	--	--	--
Sundargarh-II	Assessment of different	Wt. of Fruit/ Plant	912 g.	1263 g.	114500	144000	--	270000	374000	--	155500	230000	--	2.35	2.60	--

	staking methods in tomatoes															
Sundargarh-II	Assessment of integrated nutrient management in chilli	No. of Fruits/ Plant	70	80												
Sundargarh-II	Assessment of Potato varieties Irrigated medium land of Plateau eco system	Wt. of Tuber	40 g.	55 g.	9990 0	102500	--	179350	226000	--	79450	123600	--	1.79	2.20	--
Sundargarh-II	Project on study of ICT tools – mobile messaging, social media (Whatsapp) in dissemination of agricultural messages															
Sundargarh-II	Assessment of SHGs Vegetable growers for income enhancement															

2.3 Information about Home Science OFT:

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment / Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
Sundargarh-II	2015-16	Summer	Decortication of Mahua seed by traditional beating method is time consuming, laborious and poor keeping quality	Assessment of Mahua Seed Decorticator For Drudgery Reduction Of Farm Women	Assessment	Drudgery reduction	Output capacity of Mahua seed decorticator is 10kg/hr	Locally collected Mahua seeds	Home stead	13	
Sundargarh-II	2015	Kharif	Low income from conventional maize cultivation	Assessment of baby corn for income generation of farm women	Assessment	income Generation	Introduction of baby corn variety HM-4 Corn colour- Creamy yellow, Tolerant to heavy rain. Harvesting- 65-70 days after planting, Yield 14q/hac ,Highly nutritive and sweet in taste, Seed rate 25kg / Ha, Seed treated with Bavistin, NPK @ 150:60:40 Kg with need based plant protection measures	HM-4	Home stead	13	
Sundargarh-II	2015	late kharif	Low yield from Papaya due to unavailability of quality seeds and poor management practices	Assessment of Papaya Varieties in Kharif under rainfed upland / rainfed medium land	Assessment	Varietal Evaluation	Seedling to be raised in polythene, planting to be done on ridges, spacing 2x2	Red Lady	Home stead	13	

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
Sundargarh-II	Tomato	Varietal Replacement	Demonstration on wilt tolerant Tomato Utkal Raja	Training, Field Day, visit of extension personnel to the farmers field	02	07	1.5
Sundargarh-II	Capsicum	Varietal Replacement	Demonstration of Capsicum Var. California Wonder	Training, Field Day, visit of extension personnel to the farmers field	05	30	12.0
Sundargarh-II	Radish	Integrated Nutrient Management	Demonstration of Nutrient Management in Kharif Radish	Training, Field Day, visit of extension personnel to the farmers field	05	20	3.0
Sundargarh-II	Citrus	Integrated Nutrient Management	Demonstration of Planofix in controlling fruit drop in Citrus	Training, Field Day, visit of extension personnel to the farmers field	03	08	5.0
Sundargarh-II	Sunflower	Integrated Nutrient Management	Demonstration on Boron in Sunflower	Training, Field Day, visit of extension personnel to the farmers field	10	25	10.0
Sundargarh-II	Brinjal	Integrated Nutrient Management	Demonstration on Nutrient Management in Brinjal	Training, Field Day, visit of extension personnel to the farmers field	10	30	15.0
Sundargarh-II	Okra	Integrated Nutrient Management	Demonstration of Nutrient Management in Okra	Training, Field Day, visit of extension personnel to the farmers field	08	20	7.0
Sundargarh-II	Tomato	Integrated Nutrient Management	Demonstration on Effect of Vermicompost in Tomato for yield enhancement	Training, Field Day, visit of extension personnel to the farmers field	05	10	10.0
Sundargarh-II	Utkal Niger 150	Varietal replacement	Demonstration on Oilseed	Training, Field Day, visit of extension personnel to the farmers field	10	50	60
Sundargarh-II	Mustard Parvati	Varietal replacement	Demonstration on Oilseed	Training, Field Day, visit of extension personnel to the farmers field	05	20	10.0
Sundargarh-II	Blackgram TU-94-2	Varietal replacement	Demonstration on Pulses	Training, Field Day, visit of extension personnel to the farmers field	05	20	10.0
Sundargarh-II	Greengram PDM-139	Varietal replacement	Demonstration on Pulses	Training, Field Day, visit of extension personnel to the farmers	04	08	5.0

II				field			
Sundargarh-II	Vanaraja	Income generation	TSP on backyard poultry	Training, Field Day, visit of extension personnel to the farmers field	25	500	10000 nos.
Sundargarh-II	Bantala	Income generation	TSP on Banana cultivation	Training, Field Day, visit of extension personnel to the farmers field	05	25	6.0
Sundargarh-II	Vegetables	Income Generation	TSP on Kitchen Gardening	Training, Field Day, visit of extension personnel to the farmers field	10	40	3.0

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.

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

*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/Entreprizes	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Sundargarh-II	2015	Kharif	Varietal evaluation	Introduction of High Yielding Ginger	Ginger	Suprabha	0.4	180 wt. of Fresh Rhizome	213 wt. of Fresh Rhizome	18.0	00	03	07	00	10
Sundargarh-II	2015	Kharif	Varietal Replacement	Demonstartion of Colocasia var. Muktakeshi	Colocasia	Muktakeshi	0.4	186	228	22.0	00	08	02	00	10
Sundargarh-II	2015	Late Kharif	Crop Diversification	Kharif Potato var. Kufri Jyoti	Potato	Kufri Jyoti	0.4	--	172	--	00	02	08	00	10

Sundargarh-II	2015-16	Rabi	Integrated Weed Management	Application of weedicide Pendimethalin in Brinjal	Brinjal	Kansar local	1.0	On Going					10		10
Sundargarh-II	2015	Late Kharif	Varietal Substitution	Tomato var. Swarna Sampad	Tomato	Swarna Sampad	1.0	335	427	28.0		05	05		10
Sundargarh-II	2015	Kharif	Varietal Replacement	Demonstration of Niger var. Utkal Niger-150	Niger	Utkal Niger-150	5.0	4.8	6.6	33.0	00	12	08	00	20
Sundargarh-II	2015	Kharif	Varietal Replacement	Demonstration of Blackgram var. Prasad	Blackgram	Prasad	5.0	6.2	7.5	21.0	00	15	05	00	20
Sundargarh-II	Rabi, 2015-16	Rabi,	TSP	Improvement in NRM and Cropping Intensity in Sundargarh-II District through cultivation of Pea in Rice-Fallow system	Pea	JK-124	8.0 ha.	86	108	26.0		42			42
Sundargarh-II	Rabi, 2015-16	Rabi,	TSP	Back yard poultry for Economic empowerment of Tribal Women in Sundargarh-II district	Poultry	Vanaraja	300 units	Result Awaited				300			300
Sundargarh-II	2015-16	Rabi	Integrated Crop Management	Cluster Demonstration of Mustard	Mustard	M-27	25.0	5.6	7.8	39.0		06	42		48
Sundargarh-II	2015-16	Rabi	Integrated Crop Management	Cluster Demonstration of Greengram	Green gram	TARM-1	15.0	4.6	7.9	72.0		05	29		34
Sundargarh-II	2015-16	Rabi	Integrated Crop Management	Cluster Demonstration of Chick pea	Chickpea	JAKI - 9218	10.0	On Going				05	25		30
Sundargarh-II	2015-16	Rabi	Integrated Crop Management	Cluster Demonstration of Groundnut	Groundnut	TG-37A	10.0	On Going				07	23		30

3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Sundargarh-II	Introduction of High Yielding Ginger	Ginger	Weight of Fresh Rhizome in g.	300 g.	355 g.	140500	154200	360000	426000	219500	271800	2.56	2.77
Sundargarh-II	Demonstration of Colocasia var. Muktakeshi	Colocasia	Corm wt/clumps	178	214	94500	98200	225600	254400	131000	156200	2.38	2.60
Sundargarh-II	Kharif Potato var. Kufri Jyoti	Potato	Wt. of Tuber	--	55 g.	--	102500		208250	--	105750	--	2.03
Sundargarh-II	Application of weedicide Pendimethalin in Brinjal	Brinjal	On Going										
Sundargarh-II	Tomato var. Swarna Sampad	Tomato	Wt. of Fruit	50 g.	60 g.	112500	124000	251250	320250	138750	186250	2.23	2.59
Sundargarh-II	Demonstration of Niger var. Utkal Niger-150	Niger	No. of Branches	04	05	14750	16800	28500	38000	13750	21200	1.93	2.26
Sundargarh-II	Demonstration of Blackgram var. Prasad	Black gram	No of pods per plant	42	53	20000	21800	36500	44000	16000	21700	1.82	2.02
Sundargarh-II	Improvement in NRM and Cropping Intensity in Sundargarh-II District through cultivation of Pea in Rice-Fallow system	Pea	No of pods per plant	16	21	80000	88000	172000	216000	92000	128000	2.15	2.45

Sundargarh-II	Back yard poultry for Economic empowerment of Tribal Women in Sundargarh-II district	Poultry	Body Weight, Mortality	Result Awaited									
Sundargarh-II	Cluster Demonstration of Mustard	Mustard	No of siliqua per plant	67	110	26500	29500	33600	46800	7100	17360	1.27	1.59
Sundargarh-II	Cluster Demonstration of Greengram	Green gram	No. of pods per plant	35	60	20600	24500	32200	55400	11600	30900	1.56	2.26
Sundargarh-II	Cluster Demonstration of Chick pea	Chick pea	On Going										
Sundargarh-II	Cluster Demonstration of Groundnut	Groundnut	On Going										

3.4 Information about Home Science FLDs

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/Enterprises	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Sundargarh-II	2015	Kharif	Income generation	No subsidiary income for farmwomen	Cultivation of paddy straw mushroom	Mushroom	<i>v. volvacea</i>	Home stead	500 beds	10
Sundargarh-II	2015-16	Rabi	Drudgery reduction	Drudgery, High consumption of fuel and time consuming and eco- hazard	Use of paddy par boiling unit	Par boiling unit	ICAR-NRRI	Home stead	05	5
Sundargarh-II	2015	August	Income generation	Low return from Marigold	Cultivating Gladioli variety Peter pear, Red beauty	Gladioli	Peter pear, Red beauty	Home stead	0.4	10
Sundargarh-II	2015-	Rabi	Value	Distress Sale of	Preparation of	Mahua	Mahua Flower	Home stead	10	10

II	16		Addition	Mahua flowers	value added products from Mahua flowers					
Sundargarh-II	2016	Rabi	Income generation	No subsidiary income of Farm Women during winter	Cultivation of Oyster mushroom	Mushroom	<i>Sajarkaju</i>	Home stead		10

3.5 Economic Performance Home Science FLDs:

KV K name	Techno logy to be Demon strated	Performance Indicator / Parameter																					
		Output m ² /h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Savi ng in Rs	B C ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2				
Sundargarh-II	Cultivation of paddy straw mushroom											600g m./bed	1.4kg./bed	80/-	80/-	120/-	280/-	60kg./100beds	140kg./100beds	12,000/-	28,000/-	16,000/-	2.3
Sundargarh-II	Use of paddy parboiling unit	32.5	73.8	17.4	12.8	11.4	10.3	17.6	11.2														
Sundargarh-II	Cultivating Gladioli variety Peter pear, Red beauty											123qtl./ha.	200000spikes/ha.	1,32,000/-	1,72,000/-	2,61,000/-	4210,00/-	123qtl./ha.	200000spikes/ha.+200000corms/ha.	1,29,000/-	2,49,000/-	1,20,000/-	2.44
Sundargarh-II	Preparation of value added products											On going											

	from Mahua flowers																				
Sundargarh-II	Cultivation of Oyster mushroom									1.1kg./bed	1.7kg./bed	40/-	40/-	77/-	119/-	110kg./100bed	170kg./100bed	7,700/-	1,1900/-	4200/-	2.17

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Sundargarh-II	Ginger	Field Day	01	50	
Sundargarh-II	Potato	Field Day	01	50	
Sundargarh-II	Tomato	Field day	01	50	
Sundargarh-II	Mustard	Field day	01	50	
Sundargarh-II	Blackgram	Field day	01	50	
Sundargarh-II	Green gram	Field day	01	50	
Sundargarh-II	Pea	Field day	01	50	
Sundargarh-II	Mushroom	Training	03	60	
Sundargarh-II	Poultry	Training	02	125	
Sundargarh-II	Par boiling unit	Training	01	25	
Sundargarh-II	Gladioli	Training	02	50	
Sundargarh-II	Mahua	Training	01	15	
Sundargarh-II	Chickpea	Field day	01	50	

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.
1.	Sundargarh-II	Tomato	Swarna Sampad	CHES, Ranchi	10	1.0

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

Sundargarh-II	Demonstration of Kharif Onion Agri found Dark Red	Use of Onion seeds 8 kg./ ha., use of balanced nutrient and need based plant protection measures,	It proved to be an better alternative crop in upland situation	
Sundargarh-II	Use of paddy parboiling unit saves time and labour in parboiling process	Home visit & method demonstration	Around 112% change in quantity of produce in compare to traditional practice	SHGs plans to purchase it for group use and hiring
Sundargarh-II	Cultivation of Gladioli in backyard by proper package of practices provides good return to the farm women	Personal interview & interaction during field visits	Around 25% change in yield in compare to farmer practice	Other farm women decided to produce in the village on cluster basis
Sundargarh-II	Rearing of Backyard poultry provides ready cash to farm women and nutritional security to the family	Personal interview & interaction during field visits	There is net income of Rs. 2,500/- to the farm women from the flock size of 10 birds	Other SHGs of the village have plans to rear improved breeds birds

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Sundargarh-II	Production of off season paddy straw is quite remunerative

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
Sundargarh-II	FW	PRA, Focus group discussion observation, Response Analysis	15.4.15, Jamunanaki	15
Sundargarh-II	FW	PRA, Focus group discussion observation, Response Analysis	26.4.15, Jalda	22
Sundargarh-II	FW	PRA, Focus group discussion observation, Response Analysis	2.5.15, Jalda	23
Sundargarh-II	FW	PRA, Focus group discussion observation, Response Analysis	2.6.15, Gutidarah	20
Sundargarh-II	FW	PRA, Focus group discussion observation, Response Analysis	19.9.15, Khatankudar	15
Sundargarh-II	FW	PRA, Focus group discussion observation, Response Analysis	29.9.15, Khatankudar	20
Sundargarh-II	RY	PRA, Focus group discussion observation, Response Analysis	8.10.15, Chikitia	30
Sundargarh-II	FW	PRA, Focus group discussion observation, Response Analysis	5.11.15, Sanadalakudar	45
Sundargarh-II	FW	PRA, Focus group discussion observation, Response Analysis	14.12 15, Patrapalli	29

Sundargarh-II	FW	PRA, Focus group discussion observation, Response Analysis	21.1.16, Khatankudar	32
Sundargarh-II	FW	PRA, Focus group discussion observation, Response Analysis	26.02.16, Jamunanakki	45

Abbreviation Used

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

5. TRAINING PROGRAMMES

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

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Sundargarh II	FW	OFC	HOT	Cultivation technique of colocasia	01	01					07	15	03	10
Sundargarh II	FW	OFC	HOS	Cultivation technique of Turmeric	01	01					15	10		
Sundargarh II	FW	OFC	HOV	Cultivation technique of Cowpea	01	01					14	11		
Sundargarh II	FW	OFC	HOS	Cultivation technique of Ginger	01	01					02		16	07
Sundargarh II	FW	OFC	HOV	Cultivation technique of off season vegetables	02	01			05		04		16	
Sundargarh II	FW	OFC	HOF	Nutrient Management in Mango	01	01					03		15	07
Sundargarh II	FW	OFC	HOV	Importance & Method of Soil and Seed Treatment	01	01					02		16	07
Sundargarh II	FW	OFC	HOF	Cultivation technique of Hybrid Papaya	01	01					03		11	11
Sundargarh II	FW	OFC	HOV	Nutrient management in Cucurbits	01	01					25			
Sundargarh II	FW	OFC	HOV	Use of mulching in vegetable crops	01	01			03		05		13	04
Sundargarh II	FW	OFC	HOV	Disease Management in Potato	01	01	01	00			03		21	
Sundargarh II	FW	OFC	HOV	Weed Management in Vegetable crops	01	01			03		05		09	08
Sundargarh II	FW	OFC	HOV	Pest Management in Solanaceous Vegetable	01	01	01	00	01		04		20	
Sundargarh II	FW	OFC	HOF	Cultivation Technique of Banana	01	01					15	10		
Sundargarh	RY	OFC	HOF	Planning & Layout of	01	03					15			

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
II				Orchards										
Sundargarh II	RY	OFC	HOV	Nursery raising techniques of Vegetables	01	03					15			
Sundargarh II	IS	OFC	HOV	Use of Plant Growth Regulator in Horticultural Crops	01	01			01		05		09	
Sundargarh II	FW	OFC	CBD	Livelihood options for SHG groups	01	01					16	9		
Sundargarh II	FW	OFC	CBD	Entrepreneurship Development	01	01					15	10		
Sundargarh II	FW	OFC	WOE	Cultivation practice of oyster mushroom	01	01						25		
Sundargarh II	FW	OFC	WOE	Selection of Suitable varieties for Kitchen Gardening	02	01						50		
Sundargarh II	FW	OFC	WOE	Management of Small Ruminants	01	01						25		
Sundargarh II	FW	OFC	WOE	Safe storage of grain	01	01						25		
Sundargarh-II	FW	OFC	WOE	Mushroom cultivation for livelihood security	01	01						25		
Sundargarh-II	FW	OFC	WOE	Use drudgery reduction implements	01	01						25		
Sundargarh-II	FW	OFC	WOE	Care and management of milch animals	01	01						25		
Sundargarh-II	FW	OFC	WOE	Floriculture for farm women	01	01						25		
Sundargarh-II	FW	OFC	WOE	Backyard poultry rearing	01	01						25		
Sundargarh-II	FW	OFC	WOE	Plant protection for nutritional garden	01	01						25		
Sundargarh-II	FW	OFC	WOE	House hold food security for farm families	01	01						25		
Sundargarh-II	FW	OFC	WOE	Planning & layout of kitchen garden	01	01						25		
Sundargarh-II	FW	OFC	WOE	Nursery raising techniques of vegetables	01	01						25		
Sundargarh II	RY	OFC	WOE	Preservation of seasonal vegetables	01	03						15		

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
Sundargarh II	RY	OFC	WOE	Floriculture for Farm Women	01	03						15		
Sundargarh-II	IS	OFC	WOE	Agro Based Entrepreneurship for SHGs	01	01						15		

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		
Sundargarh-II		--	-	-	-	-	-	-	-	-	-	-	-	-

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

Name of KVK	Training title	Self employed after training			Number of persons employed elsewhere
		Type of units	Number of units	Number of persons employed	
Sundargarh-II	Commercial mushroom cultivation	Individual	6	14	4

Table 5.4. 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.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Sundargarh-II																
Sundargarh-II																

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		
Sundargarh-II																
Sundargarh-II																

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	
Sundargarh-II	Mushroom cultivation for livelihood security	25	42	67	0.8 kg./bed	1.2 kg./bed	8,000	16,000/-	45 numbers adopted & % change in production-50%
Sundargarh-II	Backyard poultry rearing	125	36	75	13 kg./10 birds	2.25kg./ 10 birds	900	1550/-	% change in production-73%
Sundargarh-II	Preservation of seasonal fruits & vegetables	50	30	65	7-10 kg./ household	25-30 kg./ household	750/-	1,200/-	150 numbers adopted
Sundargarh-II	Cultivation technique of colocasia	25	10	40	198	236	1,03,500	1,37,800	Knowledge gain % - 60, Skill gain % - 40, Adoption Rate%- 15
Sundargarh-II	Cultivation technique of Turmeric	25	15	45	80	94.5	2,14,300	2,46,900	Knowledge gain % - 50, Skill gain % - 30, Adoption Rate%- 10
Sundargarh-II	Cultivation technique of Kharif Radish	25	12	42	95	115	80,000	1,10,000	Knowledge gain % - 50, Skill gain % - 30, Adoption Rate%- 10
Sundargarh-II	Nutrients management in Cucurbits	25	15	45	150	180	75,000	88,800	Knowledge gain % -60, Skill gain % - 40, Adoption Rate% - 15
Sundargarh-II	Cultivation technique of Off season vegetables	25	13	42	110	150	97,000	1,57,000	Knowledge gain % - 70, Skill gain % - 50, Adoption Rate%- 20
Sundargarh-II	Cultivation technique of Papaya	25	11	44	290	475	1,45,000	2,75,000	Knowledge gain % - 70, Skill gain % -50, Adoption Rate%-15

Sundargarh-II	Cultivation technique of Banana	25	10	40	210	290	1,30,000	2,15,000	Knowledge gain % - 70, Skill gain % -50, Adoption Rate%-20
Sundargarh-II	Cultivation technique of Chilly	25	10	40	96	110	79,850	99,800	Knowledge gain % - 60, Skill gain % - 40, Adoption Rate%- 20
Sundargarh-II	Cultivation technique of Kharif potato	25	10	40		172		1,49,500	Knowledge gain % - 60, Skill gain % - 40, Adoption Rate%- 15
Sundargarh-II	Nutrient management in solanaceous vegetables	25	12	46	180	215	80,000	1,15,000	Knowledge gain % - 60, Skill gain % - 40, Adoption Rate%- 10
Sundargarh-II	Role of micro nutrients in cole crops	25	13	42	205	240	1,05,000	1,40,000	Knowledge gain % - 60, Skill gain % - 40, Adoption Rate%- 15
Sundargarh-II	Physiological disorder of cole crops & their remedial measures	25	10	40	210	240	1,10,000	1,40,000	Knowledge gain % - 60, Skill gain % - 40, Adoption Rate%- 12
Sundargarh-II	Use of bio-fertilizer in vegetable crops	25	15	45	210	245	1,08,000	1,42,000	Knowledge gain % - 50, Skill gain % - 25, Adoption Rate%- 07
Sundargarh-II	Planning and layout of Kitchen Garden	25	12	42	130	160	80,000	1,00,000	Knowledge gain % -60, Skill gain % - 35, Adoption Rate%- 15

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			
Sundargarh-II	Field Day	08	07	98	102	105	45	04	01		Ginger Potato Tomato Mustard Blackgram Green gram Pea	
Sundargarh-II	Kisan Mela	01	1	60	18	15	18	05	02			
Sundargarh-II	Kisan Ghosthi	01	1	38	24	23	15					
Sundargarh-II	Exhibition	04	5									
Sundargarh-II	Film Show											
Sundargarh-II	Method Demonstrations	06	8	02	01	03	02					
Sundargarh-II	Farmers Seminar											
Sundargarh-II	Workshop											
Sundargarh-II	Group meetings	25	24	97	103	103	47					
Sundargarh-II	Lectures delivered as resource persons	05	05									
Sundargarh-II	Newspaper coverage	10	12									
Sundargarh-II	Radio talks	6	6									
Sundargarh-II	TV talks											
Sundargarh-II	Popular articles	06	06									
Sundargarh-II	Extension Literature	04	04									
Sundargarh-II	Farm advisory Services											
Sundargarh-II	Scientific visit to farmers field	100	80	20	22	25	13					
Sundargarh-II	Farmers visit to KVK	100	103	16	13	38	21	15		information	Ifs,Floriculture, Animal Husbandry,Mus hroom cultivation	
Sundargarh-II	Diagnostic visits	30	27	7	5	8	7					
Sundargarh-II	Exposure visits											
Sundargarh-II	Ex-trainees Sammelan											
Sundargarh-II	Soil health Camp											

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			
Sundargarh-II	Animal Health Camp	3	3			45	38					
Sundargarh-II	Agri mobile clinic											
Sundargarh-II	Soil test campaigns	01	01	108	102	55	35	05	02			
Sundargarh-II	Farm Science Club conveners meet											
Sundargarh-II	Self Help Group conveners meetings	2	2		28		122		7			
Sundargarh-II	Mahila Mandals conveners meetings											
Sundargarh-II	Celebration of important days (World environment day)	4	4	120	110	136	184	10	5	World Food day, Women in ag. DayYay Vigyan Jay Kissan Diwas, Soil day		

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
Sundargarh-II	01.01.2013	Quarterly	5000	3600

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Sundargarh-II	Leaflet	Chatu ra uttpadan	Sri J.K. Pati, Smt. B.L. Sahu, Sri S.K. Pradhan,	1000
Sundargarh-II	Leaflet	Ghara Agana re kukuda palana	Sri J.K. Pati, Smt. B.L. Sahu, Sri S.K. Pradhan,	1000

7.3 Details of Electronic Media Produced

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

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Sundargarh-II							
Sundargarh-II							
Sundargarh-II							

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Sundargarh-II							
Sundargarh-II							
Sundargarh-II							
Sundargarh-II							

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.)
Sundargarh-II	Bio Agents						
Sundargarh-II	Bio Agents						
Sundargarh-II	Bio Fertilizer						
Sundargarh-II	Bio Fertilizer						

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre)	Value (Rs.)	No. of Beneficiaries
Sundargarh-II						
Sundargarh-II						

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Sundargarh-II	No Lab	-	-	190	900	12	-	833

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)
Sundargarh-II	Nil	-	-	-	-	-	-	

10. Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

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

11. Utilization of Farmers Hostel facilities

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

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
Sundargarh-II	-	-	-	-	-

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Sundargarh-II	30.09.2015	45	<ul style="list-style-type: none"> ➤ Crop diversification programmes to be continued. ➤ Kharif Potato, Kharif Onion and Kharif Tomato should be encouraged. ➤ Popularization of Value added Maize crops such as Baby corn & Sweet Corn to be taken up. ➤ Horizontal spread of Mustard, Turmeric, Niger to be make. ➤ High Yield Variety Ginger and Tomato to be included in Action Plan. ➤ Value addition of Mohua to be taken up. ➤ Backyard Poultry to be further encouraged and strengthened. ➤ Knowledge and skill development on vegetable cultivation for Farm Women should be emphasized. ➤ Mushroom cultivation should be given importance. ➤ Use of organic inputs to be encouraged. ➤ Grooming of farmer promoter to be started. ➤ Create awareness in Linseed, Sunflower cultivation to repell Elephant menace.
Sundargarh-II	21.01.2016	35	<ul style="list-style-type: none"> ➤ Crop diversification programmes to be continued. ➤ Kharif Potato, Kharif Onion and Kharif Tomato should be encouraged. ➤ Popularization of Value added Maize crops such as Baby corn & Sweet Corn to be taken up. ➤ Horizontal spread of Mustard, Turmeric, Niger to be make. ➤ High Yield Variety Ginger and Tomato to be included in Action Plan. ➤ Value addition of Mohua to be taken up. ➤ Backyard Poultry to be further encouraged and strengthened. ➤ Knowledge and skill development on vegetable cultivation for Farm Women should be emphasized. ➤ Mushroom cultivation should be given importance. ➤ Use of organic inputs to be encouraged. ➤ Grooming of farmer promoter to be started. ➤ Popularizing Chick Pea and Garden Pea in Rice fallow system for increasing cropping intensity.

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.		
Sundargarh-II					
Sundargarh-	102	20160	290	Farmers Portal	Crop, Livestock, Weather, Marketing, Awareness,

II					Other enterprise
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15. Status of 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
Sundargarh-II	ATMA	Central	26,000/-	Cultivation of Finger Millet	Sundargarh	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Sundargarh-II	32531700738	00	00	No fund released

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Sundargarh-II	OUAT Foundation Day Felicitation	Farmer	OUAT, 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.)
1.	Sundargarh-II	No	No

b) Details about Technology Park

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

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1.		

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

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1.	Sundargarh-II	Sri Guru Charan Pradhan	Multipurpose crop cutting machine	Talita Talita, PS – Bonaigarh, Dist. – Sundargarh, 9437758861
2.	Sundargarh-II	Smt. Reena Behera	Soaking of straw in compact space	Vill. Jamunanakki, Block Kuanrmunda, Dist. Sundargarh, 9437378821
3.	Sundargarh-II	Sri Udaya Patra	Vermicomposting in heap method under open sky	Vill. Kuanrmunda, Block. Kuanrmunda, Dist. Sundargarh, 9437194392

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1	15.4.15	15
2	26.4.15	22
3	2.5.15	23
4	2.6.15	20
5	19.9.15	15
6	29.9.15	20
7	8.10.15	30
8	5.11.15	45
9	14.12.15	29
10	21.1.16	32
11	26.02.16	45

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Sundargarh-II	07	07	30	60

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.
1.	Sundargarh-I, Jharsuguda	Human Resource, Exhibits, SAC, Farmers' Fair, Exhibition, Workshop	Organizing mega events Farmers' Fair, Exhibition, Workshop is easy and successful if human resources of KVKs are pooled together

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Sundargarh-II	-	-	-	-	-	-

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1.	Sundargarh-II	01.04.2014	35	1555

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			
Sundargarh-II							

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	Sundargarh-II	00	00	--

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1.	Sundargarh-II	00	00	--

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Sundargarh-II	Sri S.K. Pradhan	Scientist (Horticulture)	01	
	Total			

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Sundargarh-II	01	01

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Sundargarh-II	Sri J.K. Pati	Sr. Scientist & Head	02	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Sundargarh-II	02	02

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
Sundargarh-II	-	-	-	-

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

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
Sundargarh-II			

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Sundargarh-II	SHG Convention	01	100	
Sundargarh-II	Road Show	01	100	
Sundargarh-II	Animal Health Camp	01	50	

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

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

Farmers-scientists interaction on livestock management

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

Animal health camps organized

Name of KVK	Number of camps	No. of animals	No. of farmers
Sundargarh-II	02	800	90

Seed distribution in drought hit states

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

Seedlings and Saplings distributed

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

Bio-control Agents

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

Bio-Fertilizer

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

Verms Produced

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

Large scale adoption of resource conservation technologies

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

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

Kharif Onion – A new hope for farmers

- Onion is a very good remunerative crop occupying about 1472 ha. mostly confined to Rabi only.
- Due to deficit supply and demand of onion serious price hike is observed during off season.
- KVK, Rourkela demonstrated Kharif onion var. Agri Found Dark Red under OFT in July, 2014.
- Farmers were trained on practices like INM, IPM, IDM and supplied with critical inputs.
- During the growth period no significant disease pest attack was observed.
- Harvesting was done in December with average yield of 173 qt./ ha and B:C ratio of 2.57.
- The expected net return from Kharif onion is Rs. 1,62,500/- per ha.
- The tribal farmers have shown keen interest for adopting the Kharif onion this year.
- The horizontal spread is expected to be around 100 ha. this year.
- The farming community has highly appreciated introduction of Kharif onion to boost their economic prosperity.

NIGER-A promising potential in Sundargarh

- Tribal farmers cultivated local degenerated variety of Niger in scattered hill pockets of Bonei sub division.
- Seeing the interest and potential the KVK, Sundargarh-II organized a package demonstration programme in Lahunipada block with Utkal Niger-150 in 5 ha. area with 20 numbers of tribal farmers.
- The crop was a grand success with yield of 7.6 Qtl./ ha. with a B:C ratio of 2.35 and no significant disease pest attack was observed.
- Seeing this success of KVK the Paudi Bhuyam Development Agency has planned to spread this crop to 23 villages in about 70.0 ha. of area this year.

Backyard poultry farming- Strengthening Tribal Economy

- Poor and tribal households depend more on their poultry for supplementary income and it helps as an insurance for emergency cash needs.
- Considering this fact KVK, Rourkela selected village Monko and Khatankudar of Lathikata and Bisra block under Tribal Sub Plan (TSP) programme to provide opportunity for economic empowerment of tribal women.
- 200 tribal women were provided with 10 numbers of Vanaraja chicks of 28 days old each.
- KVK provided hand holding support on improved management practices of backyard poultry.
- The birds gained 2.0 to 2.5 kg. and could generate an income of Rs. 2,500/- per 10 birds in a short period of six months.
- This also helps improving nutritional security of tribal families in the shape of egg and meat.
- Seeing the success tribal ladies are willing to continue this practice in current year.

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1.	Sundargarh-II	01	02

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) –