

ANNUAL PROGRESS REPORT

April 2014 to March 2015

Krishi Vigyan Kendra, Kirei, Sundargarh



Orissa University of Agriculture & Technology, Bhubaneswar

Contents

Sl. No.	Particular	Page No
	Instructions for Filling the Format	3
	Summary of KVK Annual Report (Quantifiable Achievement) for the year 2013-14	4-5
1	General Information	6-10
2	On Farm Testing	11-14
3	Achievements of Frontline Demonstrations	15-23
4	Documentation of the need Demonstration conducted by the KVK for the training programme	24
5	Training programmes	26-31
6	Extension Activities	32-33
7	Literature Developed/Published (with full title, author & reference)	33-34
8	Production and supply of Technological products	35
9	Activities of Soil and Water Testing Laboratory	36
10	Rainwater Harvesting	36
11	Utilization of Farmer Hostel facilities	37
12	Utilization of Staff Quarter facilities	37
13	Details of SAC Meeting	37-38
14	Status of Kisan Mobile Advisory	39
15	Status of Convergence with agricultural schemes	39
16.	Status of Revolving Funds	39
17.	Awards & Recognition	39
18.	Details of KVK Agro-technological Park	39
19.	Farm Innovators	40
20.	KVK interaction with progressive farmers	41
21.	Outreach of KVK	41
22.	Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize	41
23.	KVK Ring	41
24.	Important visitors to KVK	41
25.	Status of KVK Website	42
26.	Status of E-connectivity	43
27.	Status of RTI	43
28.	Status of Citizen Charter	43
29.	Attended HRD activities organized by ZPD	43
30.	Attended HRD activities organized by DES	43
31.	Attended HRD activities by KVK Staff	44
32	Agri Alert report	44
33.	Details of Technological Week Celebration	44
34.	Interventions on Drought Mitigation	45
35.	Proposal of NICRA	46
36.	Proposed works under NAIP	48
37.	Case study / Success Story to be developed	48
38.	Action Photographs	51

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 2014 to March 2015
Summary of KVK Annual Report (Quantifiable Achievement) for the year 2014-15

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	10		130
	On Going OFT	1		
	Technologies assessed (Completed OFT)	9		104
	Technologies refined			
	On farm trials conducted	9		104
2	Frontline demonstrations			
	Proposed Frontline demonstrations	10		334
	On Going Frontline demonstrations	1		240
	FLDs conducted on crops	8		89
	Area under crops (ha.)	25.4		89
	FLD on farm implement and tools	0		
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	1		240
	FLD on Fisheries - Finger lings			
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	1		5
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)			
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	25	25	500
	Farm women	6	6	150
	Rural youth	4	8	75
	Extension personnel/ In service	4	4	70
	Vocational trainings	3	6	40
	Sponsored Training	0	0	0
	Total			
		No. of programmes	Participants	
4	Extension Programmes	618	14128 & Mass	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	31.25	570	
	Planting material produced (nos.)	47016	7860	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)			
	Milk Yield - Cow, Buffelo etc. (in liter)			
	Fish (Kg.)			
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			
	Ducks (nos.)			
	Chicks etc. (nos.)	1619	240	

7	Bio Products		Qty	Beneficiaries (nos.)
	Bio Agents -Earth worm (Kg.)			
	Trichoderma (kg.)			
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)		1000	178
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)			
8	Any other significant achievement in the Zone		Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)		1	3
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)		2	
	KVK News letter		4	2000
	SAC Meetings conducted		2	50
	Soil sample tested		345	271
	Water sample tested			
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)			
	KVK-KMA (Message and beneficiaries)		127	1398
	Convergence programmes		1	1000
	Sponsored programmes			
	KVK Progressive Farmers interaction		6	67
	No. of Technology Week Celebrations		1	720
	Attended HRD activities organized by ZPD		6	4
	Attended HRD activities organized by DES		7	4
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)		0	0
9	Current status of Revolving Funds (Amt. in Rs.)			228313
10			No. of blocks	No. of villages
	Outreach of KVK in the District		9	351
11			ICAR	SAU Others
	No. of important visitors to KVK (nos.)		2	12 4
12			Working (Yes/No)	No. of Update
	Status of KVK Website		Yes	6
13			Application received	Application disposed
	Status of RTI (nos.)		0	0
14			Query received	Query dissolved
	Citizen Charter (nos.)		0	0
15			Working (Yes/No)	No. of programme viewed
	E-connectivity		No	
16			Filled	Vacant
	Staff Position		8	8
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)		12	
18	Publication received from ICAR /other organization (nos.)		8	
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, 2014

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Sundargarh1	16	1	1	6	2	3	2	6	3	16	8

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specilization	Pay scale	Present pay	Date of joining at K.V.K Sundargarh	Per./Temp.	Category
Sundargarh1	Programme Coordinator	Mahamaya Prasad Nayak	Agril. Extension	MSc	Agril Extension	15600-6000-39100	22220	12/9/2012	Permanent	General
Sundargarh1	Subject Matter Specialist1	Satyamaya Satapathy	Agronomy	MSc	Agronomy	15600-6000-39100	18320	16/12/2010	Temporary	General
Sundargarh1	Subject Matter Specialist2	David James Bage	Agril. Extension	MSc	Agril Extension	15600-6000-39100	22220	8/8/2012	Temporary	ST
Sundargarh1	Subject Matter Specialist3									
Sundargarh1	Subject Matter Specialist4									
Sundargarh1	Subject Matter									

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specilization	Pay scale	Present pay	Date of joining at K.V.K Sundargarh	Per./Temp.	Category
	Specialist5									
Sundargarh1	Subject Matter Specialist6									
Sundargarh1	Programme Assistant									
Sundargarh1	Farm Manager	Rabi Sankar Mishra		M.Sc (Ag)	Plant Pathology	9300-4200-43800	10560	10/2/2015	Temporary	General
Sundargarh1	Computer Programmer	Arun Kumar Mishra		MCA	Computer application	9300-4200-43800	14670	1/7/2011	Temporary	General
Sundargarh1	Accountant / superintendent									
Sundargarh1	Stenographer									
Sundargarh1	Driver									
Sundargarh1	Driver	Bhramarbar Sa				5200-1900-20000	6350	19/7/2008	Temporary	General
Sundargarh1	Supporting staff	Satyanarayan Pradhan				4440-1300-7440	5380	04/8/2008	Temporary	General
Sundargarh1	Supporting staff	Gajanan Chhand				4440-1300-7440	5790	18/6/2013	Temporary	OBC

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 – I	North – western Plateau zone	17	262	18,30,673	65.22	1076984	212525	1.32

Head quarter	Sundargarh	Population	18,30,673
Sub division	3	Male	9,35,473
Blocks	17	Female	8,95,200
Tahasils	12	SC	15,7804 (8.62%)
Municipality	4	ST	9,19,180 (50.21%)
Grama panchayat	262	General	7,53,689 (41.17%)
Villages	1,744	Total population of the farmers of the district	1,45,639
Assembly seats	7	Male in Agril.	2,37,379
Towns	9	Female in Agril.	2,02,028
Literacy Rate	65.22 %	Male in Non-Agril.	1,88,162
Longitude	83032'-85022'E	Female in Non-Agril.	1,12,544
Latitude	20035'-22032'N	Work force in Agril.	43,94,070
MSL	300 m	Work force in Non-Agril.	3,00,706
Temperature (Max)	260 - 410 C	Geographical Area	9,712 Sq. Kms.
Temperature (Min)	120 - 280 C	Area	9,71,244 ha.
Avg. Rainfall	1200 mm	Total cultivable land in the district (ha.)	3,36,050
Avg. Rainy days	60	Misc. tree crops & grooves	3,897 ha. (16.53%)
Relative Humidity	47 - 89%	Permanent pasture & other grazing area	30,349 ha. (3.12%)
Wind Velocity	2 - 7 km/hour	Cultivable waste	39,945 ha. (4.11%)
Small Farmers	50,338	Land put to non-agril. uses	49,249 ha.
Marginal Farmers	62,817	Barren & uncultivable land	41,562 ha.

Big Farmers	32,484		Current Fallow	61,109 ha.
Major rivers	Brahmani, Sankh & Koel – Tributary of Brahmani and IB- Tributary of Mahanadi		Other fallow	41,325 ha.
Major crops of the district	Rice, black gram, green gram, arhar, horse gram, sesamum, groundnut, mustard, wheat and maize		Forest area	1,60,583 ha.
			Net Area sown	3,13,000 ha. (32.22%)
			Irrigated land (ha.)	31,924
			Rain-fed land (ha.)	3,04,126

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)
Sundargarh1	Salangabud	2013-14	Sadar	38	1240	145
Sundargarh1	Salepali	2012-13	Sadar	30	1300	150
Sundargarh1	Khamarbahal	2012-13	Tangarpali	25	900	120
Sundargarh1	Amasaranga	2012-13	Sadar	20	1185	115
Sundargarh1	Tileimalti	2010-11	Sadar	22	778	156

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

KVK Name	THRUST AREA
Sundargarh1	Yield enhancement through substitution of local / degraded varieties in vegetables and field crops. nt through substitution of local / degraded
Sundargarh1	Promote integrated method and organic articulation in disease & insect pest management.
Sundargarh1	Integrated nutrient management in crop production.
Sundargarh1	Promote cultivation of lucrative off-season and non - traditional vegetables.
Sundargarh1	Popularise diversified cropping pattern in uplands (Oilseeds/Pulses/Maize).
Sundargarh1	Popularise integrated weed & nutrient management in crop production.
Sundargarh1	Popularise income generating activities for women and disadvantaged group

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
Sundargarh1	Local varieties are having low production potential and are susceptible to pest & diseases.	PRA , Focus group discussion, Observation	Khamarbahal, Tangarpali, Salepali, Sadar
Sundargarh1	Indiscriminate use of pesticides and fertiliser in irrigated areas.	PRA , Focus group discussion, Observation	Salepali, Sadar
Sundargarh1	Poor income from upland crops.	PRA , Focus group discussion, Observation	Kutra, Jampali
Sundargarh1	Poor income from animal husbandry	PRA , Focus group discussion, Observation	Khamarbahal, Tangarpali, Salangabud, Sadar
Sundargarh1	Poor off farm income of resource poor farm families.	PRA , Focus group discussion, Observation	Salangabud, Sadar, Tileimalti, Sadar

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 , Rice 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. 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.

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*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 na me	Ye ar	Seas on	Problem diagnos e	Title of OFT	Categor y of technol ogy (Assess ment/ Refine ment)	Thema tic Area	Crop/ enterpr ise	Farmin g Situatio ns	No. of tria ls	Results (q/ha)			Net Returns (Rs./ha)			Recommendations
										FP (T ₁)	R P (T ₂)	T3	FP (T ₁)	RP (T ₂)	T3	
Sun darg arh- I	201 4- 15	Khari f- 2015	Low yield of local swarna var	Assessment of medium paddy c.v Hiranmayee	Assessm ent	Varieti al evaluati on	Paddy	Medium land rainfed	13	40. 2	46. 8	-	219 72	309 48		Technology refinement is required with respect to method & time of transplantig
Sun darg arh- I	201 4- 15	Khari f- 2015	Low yield in paddy	Assessment of soil test based micronutrient (Zinc and Boron) application in paddy	Assessm ent	INM	Paddy	Rainfed upland	13	38. 2	44. 3		519 52	602 48		Soil test based micronutrient application
Sun darg arh- I	201 4- 15	Khari f- 2015	Low yield due to high infestati on of weed	Assessment of effect of post emergence herbicide Azimsulfuron & Bispyribac sodium in rice	Assessm ent	IWM	Paddy	Rainfed Upland	13	29. 0	33. 2	32. 8	108 40	204 82	208 32	Technology refinement is required with respect to different land situation & method of planting
Sun darg arh- I	201 4- 15	Rabi 2015 -16	Low yield (4.2 qtls/ha)	Assessment of Crop intensification in Mustard	Assessm ent	Integrat ed Crop Manag ement	Mustard		OS		14. 25			900 0		Technology refinement is required as the crop transplanting was late

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farmin g Situations	No. of trials	Results (q/ha)			Net Returns (Rs./ha)			Recommendations
										FP (T ₁)	RP (T ₂)	T3	FP (T ₁)	RP (T ₂)	T3	
Sundargarh-I	2014-15	Rabi 2015-16	Low plant stand & yield	Assessment of transplanting method of cucurbit (Water melon)	Assessment	Integrated Crop Management	Water melon		13	19 2.6	21 6.3		108 280	125 350		To be demonstrated on a larger scale
Sundargarh-I	2014-15	Late Khari f 2015	Low yield due to higher temperature (>20 C) during bulbing	Refinement of planting time of Garlic c.v. Yamuna safed 3&4	Refinement	Integrated Crop Management	Garlic		13	24	42	38 36.8	860 0	611 00	478 00 436 00	To be refined for another year to arrive at more conclusions
Sundargarh-I	2014-15	Khari f 2015	Low market price during harvest time of rabi onion	Assessment of Onion c.v Bhima super during kharif	Assessment	Varieta l evaluation	Onion		13		18 0.4			196 200		To be refined for another year to arrive at more conclusions
Sundargarh-I	2014-15	Rabi-2014-15	Low yield due to high weed infestation in onion	Performance of application of pendimethalin for weed management in onion	Assessment	Integrated weed management	Onion	Irrigate d Medium land	13	14 5.8	15 8.6		692 00	803 500		Recommended for demonstration in a larger scale
Sundargarh-I	2014-15	Rabi 2014-15	Low availability of potato	Assessment of Potato varieties in irrigated medium land of plateau eco system	Assessment	Varieta l evaluation	Potato		13	15 0.3	22 0.6	19 8.2 205. 4	536 00	868 00	644 00 716 00	To be refined for another year for more conclusive inferences

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)	T ₃	T ₄	FP (T ₁)	RP (T ₂)	(T ₃)	T ₄	FP (T ₁)	RP (T ₂)	(T ₃)	T ₄	FP (T ₁)	RP(T ₂)	(T ₃)	T ₄	FP (T ₁)	RP (T ₂)	(T ₃)	T ₄
Sundargarh-I	Demonstration of medium paddy c.v. Hiranmayee	Yield	40.2	46.8			32700	32700			54672	63648			21972	30948			1.67	1.94		
Sundargarh-I	Demonstration of soil test based micronutrient (Zinc and Boron) application in paddy	Yield	38.2	44.0			32600	36402			51952	60248			19352	60248			1.59	1.65		
Sundargarh-I	Demonstration of effect of post emergence herbicide Azimsulfuron & Bisparibac sodium in rice	Yield Dry wt of weed/m ²	29.0 60.75 g	33.2 5.4	32.8 6.75		28600	24670	23770		39440	45152	44608		10840	20482	20838		1.38	1.83	1.87	
Sundargarh-I	Demonstration of Crop intensification in Mustard	No of siliqua/pl Yield	212.8 14.25					35000				44175				9000				1.26		
Sundargarh-I	Demonstration of transplanting method of cucurbit (Water melon)	Avg. fruit wt. Yield	3.2 192.6	4.8 216.2			45800	47690			154080	173040			108280	125350			3.36	3.63		
Sundargarh-I	Refinement of planting time of Garlic c.v. Yamuna safed 3	Avg bulb wt yield	11.8 24	19.3 42	17.4 38	16.8 36.8	74000	74000	74000	74000	82600	135100	121800	117600	8600	61100	47800	43600	1.12	1.82	1.64	1.59
Sundargarh-I	Demonstration of onion c.v bhima super during kharif	bulb wt yield		52.8 180.4				74400				270600				196200				3.64		
Sundargarh-I	Performance of application of bendimethalin for weed management in onion	No of weed/m ² Bulb wt Yield	88 38.8 145.8	23 41.3 153.6			76600	78250			145800	158600			69200	80350			2.10	1.97		
Sundargarh-I	Demonstration of Potato varieties in irrigated medium land of plateau eco system	Yield	150.3	220.6	198.2	205.4	96700	133800	133800	133800	150300	220600	198200	205400	53600	86800	64400	71600	1.50	1.64	1.48	1.53

2.3 Information about Home Science OFT:

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Demonstration/Refinement)	Thematic Area	Details of Technology Selected for Demonstration	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
Sundargarh1											
Sundargarh1											
Sundargarh1											
Sundargarh1											

2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter																					
		Output m ² /h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2				
Sundargarh1																							
Sundargarh1																							
Sundargarh1																							
Sundargarh1																							
Sundargarh1																							

2.5 Feedback from KVK to Research System

Name of K.V.K	Feedback
Sundargarh1	Suitable varieties of toria and preferably mustard should be developed for mustard intensification specific to the state and district.
Sundargarh1	Clove formation is low in Garlic varieties if not planted within a specific time
Sundargarh1	Bulb formation is low in onion if planted late in rabi
Sundargarh1	

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 1	Rice	ICM	Demonstration of rice hybrid Rajalaxmi	Training demonstration, field day Radio talk.	13	250	75
Sundargarh 1	Tomato	ICM	Demonstration of tomato c.v. Utkal Pragya	Training demonstration, field day Radio talk, Tv talk	17	534	120
Sundargarh 1	Yam	ICM	Demonstration of tuber crop yam c.v. Orissa elite	Training demonstration, field day farm literature	22	137	8
Sundargarh 1	Cauliflower	Crop diversification	Off-season cauliflower cultivation	Training demonstration, field day Radio talk.	14	89	26
Sundargarh 1	Maize	Crop diversification	Demonstration of sweet corn	Training demonstration, field day Radio talk, Tv talk	27	246	146
Sundargarh 1	Wheat	INM	INM in wheat	Training demonstration, field day, popular article	18	126	72
Sundargarh 1	Onion	Varietal replacement	Demonstration of onion c.v. Bhima super during pre-rabi season	Training demonstration, field day farm literature, popular articles	09	42	19
Sundargarh 1	Vermicomposting	IGA	Vermiculture production for income generation of farm women	Training demonstration, field day Radio talk.	71	326	
Sundargarh 1	Broccoli	Exotic crop	Cultivation of exotic vegetable broccoli	Training demonstration, field day , farmer interaction	09	36	09
Sundargarh 1	Sweet potato	ICM	Cultivation of Sweet potato c.v. kisan	Training demonstration, field day , farmer interaction	26	114	71
Sundargarh1	Blackgram	ICM	Package demonstration of Blackgram	Training demonstration	29	210	98
Sundargarh1	Sesamum	ICM	Packagedemonstration of sesamum	Training demonstration	42	313	126
Sundargarh1	Mustard	ICM	Package demonstration of Mustard	Training demonstration	18	124	78
Sundargarh1	Green gram	ICM	Package demonstration of Green gram	Training demonstration	62	398	215
Sundargarh1	Mushroom	IGA	Demonstration of Oyster Mushroom	Training demonstration	12	326	
Sundargarh1	Vermicomposting	IGA	Demonstration of Vermicomposting	Training demonstration	71	326	
Sundargarh1	Poultry	IGA	Demonstration of backyard poultry	Training demonstration	132	734	

Sundargarh1	Goatery	IGA	Breed upgradation and nutrient mgt in goatery	Training, demonstration, field day	43	133	
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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
Sundargarh1	2014	Kharif	Integrated nutrient management	Demonstration of brown manuring in direct seeded rice	Paddy & Dhanicha	Co-culture of rice & Sesbania aculata (15 kg/ha)knocking down of at 30 DAS by 2,4 D ester salt @ 0.5 kg a.i. /ha	5.0 ha	23.2	29.4	26.7 %		7	3		10
Sundargarh1	2014	Kharif	Integrated Nutrient Management	Demonstration of customized LCC (Leaf Color Chart) for Nitrogen Management in Paddy	Paddy	Use of Leaf colour chart at tillering and PI stage for determining nitrogen dose	1.0	35.8	41.4	9.52	1		9		10

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Enterprizes	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Sundargarh1	2014	Kharif	Integrated Crop Management	Demonstration of maize: Groundnut intercropping	Maize Ground nut	Maize-groundnut intercropping (2:3) with spacing of 30(2rows maize)-120(3 rows groundnut)-30 cm(2 rows maize). NPK (120:60:50) kg/ha Intercropping of groundnut with maize can earn additional income from groundnut sacrificing only 20% plant population of sole crop and also effective in proper weed management	2.0	38.2	* 51.32	34.34 %	6	3	1	10	
Sundargarh1	2014	Rabi	Integrated Crop Management	Demonstration of performance transplanted Maize	Maize	Transplanting of 1 week old seedling at spacing of 60X45 cm with recommended dose of fertilizer(120:60:60)	2.0	35.2	44.6	26.7 %	3	5	2	10	
Sundargarh1	2014	Rabi	Varietal evaluation	Demonstration on performance of pointed gourd c.v Swarna Aloukik	Pointed gourd	Use of Swarna Alaukik var. with soil test based nutrient application	0.4	210	272.4	29.7 %	2	6	1	1	10
Sundargarh1	2014	Rabi	Income Generation Activities	Demonstration of use of low tunnel poly-house for off-season nursery raising (Rainy and winter)	Vegetables (Cauliflower & Tomato)	Raising of seedlings in a bed size of 3ft length 1.5ft width covered under a low poly tunnels. Low cost poly tunnel can cover the bed in height of 2ft above the bed and can partially control the temperature & humidity making the micro climate conducive for better germination and growth of seedling.	10 units	560/unit	1580/unit	182.14 %	2	5	3	10	
Sundargarh1	2014	Kharif	Integrated Crop Management	Package demonstration of Sesamum	Sesamum	Package demonstration	5.0 ha	5.6	7.8	39.2 %		13		13	
Sundargarh1	2014	Kharif	Integrated Crop Management	Package demonstration of Blackgram	Blackgram	PU-31 Package demonstration	5.0 ha	8.4	10.6	26.19		13	0	13	

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprises	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Sundargarh1	2014	Rabi	Integrated Crop Management	Package demonstration of Greengram	Greengram	TARM 1 Package demonstration	5.0 ha	8.6	10.8	33		13			13
Sundargarh1	2014	Kharif	Backyard	Income generation with backyard poultry	Vanraja	Vanraja, 28 day brooded chicks reared with feed and vaccines		1.76	3.24			232	8		

***Maize yield =30.56 & Groundnut yield = 6.8
Maize equivalent yield = 51.32**

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)
Sundargarh1	Demonstration of brown manuring in direct seeded rice	Paddy & Dhanicha	Yield	23.2	29.4	23200	24652	31552	39984	8352	15332	1.36	1.62
Sundargarh1	Demonstration of customized LCC (Leaf Color Chart) for Nitrogen Management in Paddy	Paddy	Yield	37.8	41.4	32700	33617	51408	56304	18704	22633	1.57	1.67

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)
Sundargarh1	Demonstration of maize: Groundnut intercropping	Maize Ground nut	Yield	38.2	51.32	29500	38213	50042	67229	20542	29016	1.69	1.75
Sundargarh1	Demonstration of performance transplanted Maize	Maize	Yield	35.2	44.6	29500	31012	46112	58426	16612	27414	1.56	1.88
Sundargarh1	Demonstration on performance of pointed gourd c.v Swarna Aloukik	Pointed gourd	Yield	210	272.4	126400	150400	378000	490320	251600	339920	2.99	3.26
Sundargarh1	Demonstration of use of low tunnel poly-house for off-season nursery raising (Rainy and winter)	Vegetables (Cauliflower & Tomato)	Nos of seedlings/bed	560	1580	110	290	280	790	170	500	2.54	2.72
Sundargarh1	Demonstration of Blackgram	Blackgram	No of Pods/pl Yield	42.1 8.4	52.4 10.6	17000	19500	36540	46110	19540	26610	2.14	2.36
Sundargarh1	Demonstration of Sesamum	Sesamum	No. of Capsul/plant Yield	37.2 5.6	57.4 7.8	14800	16300	25750	35880	10950	19580	1.74	2.20
Sundargarh1	Package demonstration of greengram	Greengram	No of pods/pl yield	8.6	10.8	16500	17900	44720	56160	28220	38360	2.71	3.13
Sundargarh1	Demonstration of backyard Poultry	poultry	Growth at 6 months	1.76	3.24	12	75	267	391	255	316	22.5	5.21

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/Entreprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Sundargarh1										
Sundargarh1										
Sundargarh1										
Sundargarh1										

3.5 Economic Performance Home Science FLDs:

KVK name	Technology Demonstrated	Performance Indicator / Parameter																					
		Output m ² /h		Est. Energy Expenditure kj/min.		WHR beat/mi n		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Savin g in Rs	BC ratio
		T 1	T 2	T1	T2	T1	T2	T1	T 2	T1	T2	T1	T2	T 1	T 2	T1	T2	T1	T2	T 1	T 2		
Sundargarh 1																							
Sundargarh 1																							
Sundargarh 1																							
Sundargarh 1																							
Sundargarh 1																							

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Sundargarh 1	Rice	Farmers Training	7	175	
Sundargarh 1		Field day	1	50	

Sundargarh 1		Media coverage	1	mass	
Sundargarh 1		Training for extension functionaries			
Sundargarh 1	Maize+Ground-nut	Farmers Training	2	50	
Sundargarh 1		Field day			
Sundargarh 1		Media coverage			
Sundargarh 1		Training for extension functionaries	1	50	
Sundargarh 1	Ground-nut	Farmers Training	1	25	
Sundargarh 1		Field day	1	50	
Sundargarh 1		Media coverage			
Sundargarh 1		Training for extension functionaries			
Sundargarh 1		Farmers Training			
Sundargarh 1	Maize	Farmers Training	1	45	
Sundargarh 1		Field day	1	25	
Sundargarh 1		Media coverage			
Sundargarh 1		Training for extension functionaries			
Sundargarh 1		Field days			
Sundargarh 1	Pointed gourd	Farmers Training	1	25	
Sundargarh 1		Media coverage	1	mass	
Sundargarh 1	Blackgram	Farmers Training	1	30	

Sundargarh 1		Field day	1	60	
Sundargarh 1	Sesamum	Farmers Training	1	25	
Sundargarh 1		Field day	1	50	
Sundargarh 1	Greengram	Farmers Training	1	25	
Sundargarh 1		Field day	1	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.
	Sundargarh 1	Maize`				

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 1	Demonstration of brown manuring in upland rice	Through farmer promoters, Personal Interaction, GD	Higher yield, better plant vigour, improved soil health	Promising technology, can be replicated in upland condition
Sundargarh 1	Demonstration of maize+ groundnut intercropping	Through farmer promoters, Personal Interaction, GD	Maize provided early cash, Optimum land utilization	Sustainable technology can be replicated in > 5000ha of maize areas
Sundargarh 1	Demonstration of method of transplanting (1 week old seeding) in maize	Through farmer promoters, Personal Interaction, GD	Early returns due to higher vigour & optimum plant density	Technology superior and can be replicated in maize areas >4000 ha
Sundargarh 1	Demonstration of pointed gourd c.v swarna aloukik	Through farmer promoters, Personal Interaction, GD	Good quality fruit with better colour and keeping quality. Better market price	Can be adopted in irrigated uplands. Under vegetable cultivation
Sundargarh 1	Demonstration of garlic variety	Through farmer	More yield than the local	Needs refinement

	Yamuna Safed	promoters, Personal Interaction, GD	variety	regarding time of planting for higher productivity
Sundargarh 1	Demonstration of low cost poly tunnel for off-season nursery raising	Through farmer promoters, Personal Interaction, GD	More income as the early crop gives higher price	Can be adopted by vegetable growers for raising nursery in kharif season.

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of FLD on Technology Tested
Sundargarh 1	Black varieties of sesamum with high yield to be developed as they fetch 30% more profit than the existing brown-dark brown varieties
Sundargarh 1	greengram varieties resistant to powdery mildew
Sundargarh 1	

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

Name of KVK	Category of the training	Methods of need Demonstration	Date and place	No. of participants involved
Sundargarh1	FW	PRA, Diagonstic visit, Field visit	23/4/14 – Amasaranga & Tileimalti 20/6/14– Salepali	92
Sundargarh1	RYH	TNA through group discussion observation & questionnaire	9/5/1 4– Khamarbahal	44
Sundargarh1	IS	DAO Conference, Meeting with line Dept. officials	6/4/14 – Sundargarh	21

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	FW	OFC	CRP	Land preparation and sowing of direct seeded rice with dhanicha for brown manuring	1	1			1		2		22	
Sundargarh	FW	OFC	CRP	Land preparation, layout and sowing of crops in Maize: Groundnut intercropping	1	1			4		2		18	1
Sundargarh	FW	OFC	CRP	Application of herbicide for brown manuring in paddy	1	1			1		7	1	16	
Sundargarh	FW	OFC	CRP	Interculture operations and fertiliser application in Maize:groundnut intercropping	1	1			5	1	16	2	1	
Sundargarh	FW	OFC	HOV	Nursery raising under low cost poly-tunnel.	1	1					16		9	
Sundargarh	FW	ONC	CRP	Nursery raising technique of maize for transplanting	1	1			1	2	9	2	11	
Sundargarh	FW	ONC	CRP	Crop management in transplanted maize	1	1				2	7	1	15	
Sundargarh	FW	ONC	CRP	Root dip treatment, land preparation and line transplanting method of paddy	1	1			2	2	14	1	6	
Sundargarh	FW	ONC	CRP	Micronutrient application in paddy	1	1			3	1	12	2	7	
Sundargarh	FW	OFC	HOV	Bed preparation and Nursery sowing in onion	1	1					9		16	
Sundargarh	FW	ONC	HOV	Interculture, weed and fertiliser management in onion	1	1				1	19		5	
Sundargarh	FW	OFC	HOV	Interculture & fertiliser management in garlic	1	1				1	19		5	
Sundargarh	FW	OFC	CRP	Land preparation, layout and nursery preparation for ICM in mustard	1	1					17	2	5	1
Sundargarh	FW	ONC	CRP	Nutrient, pest & disease management in Sesamum	1	1			1		17		7	
Sundargarh	FW	ONC	HOV	Land preparation, layout and method of transplanting of	1	1			1		2		22	

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
				pointed gourd										
Sundargarh	FW	ONC	HOV	Method of propagation of pointed gourd	1	1			4		5		14	2
Sundargarh	FW	ONC	CRP	Weed management in pulses	1	1			1	1	8	9	4	2
Sundargarh	FW	ONC	CRP	Scientific method of baby corn cultivation	1	1			3		9		13	
Sundargarh														
Sundargarh	FW	ONC	CRP	Scientific management of groundnut	1	1			1	10			14	
Sundargarh	FW	ONC	OTH	Training to farmer promoters on mushroom production	2	2					47	3		
Sundargarh	FW	OFC	OTH	Paddy straw mushroom	6	6		22			53	69		6
Sundargarh	FW	OFC	CRP	Training on land preparation, seed treatment and sowing of Blackgram	1	1					25			
Sundargarh	FW	OFC	CRP	Training on land preparation and sowing of sesamum	1	1					25			
Sundargarh	FW	OFC	CRP	Training on land preparation and sowing of Greengram	1	1					25			
Sundargarh	RY	OFC	RYH	Self employment opportunities in agriculture	1	2					25			
Sundargarh1	RY	OFC	RYH	Recent advances in Agriculture	1	1					15			
Sundargarh	RY	OFC	RYH	Method of preparation of different types of compost and fortification	1	2					15			
Sundargarh	RY	OFC	RYH	Maintenance of power operated implements and machineries	1	2					20			
Sundargarh	IS	ONC	CRP	Maize based intercropping systems	1	1					1	3	5	1
Sundargarh	IS	ONC	EXP	Process documentation Techniques	1	1	9	6						
Sundargarh	IS	OFC	CBD	Capacity building for ICT application	1	1	11	4						
Sundargarh	IS	ONC	EXP	Identification and development of farmer promoters	1	1	12	3						
Sundargarh 1	IS	ONC	EXP	Market Led Extension	1	1	10	5						

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	Self employment opportunities in agriculture	IGA	Employment generation	3					25			
Sundargarh	Method of preparation of different types of compost and fortification	Vermicompost	Organic input production	3					20			
	Maintenance of power operated implements and machineries	Farm mechanization	Farm mechanization						20			

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	

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

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

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/R Y/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							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	
Sundargarh 1	Land preparation and sowing of direct seeded rice with dhanicha for brown manuring	25	22	65	35	37	15500	21000	1. 230 2. 780 3. 195, 5.71, 35.48
Sundargarh 1	Land preparation, layout and sowing of crops in Maize: Groundnut intercropping	25	34	52	38	51	20500	29000	1. 155 2. 430 3. 52.94, 34.21, 41.46 4. 230 5. 780
Sundargarh 1	Application of herbicide for brown manuring in paddy	25	25	60	23	30	8500	15300	1. 230 2. 780 3. 140, 30.43, 80
Sundargarh 1	Interculture operations and fertiliser application in Maize:groundnut intercropping	25	27	48	38	51	20500	29000	1. 155 2. 430 3. 77.78, 34.21, 41.46
Sundargarh 1	Nursery raising under low cost poly-tunnel.	25	29	45			9000	15500	1. 215 2. 560 3. 55.17, 0 , 72.22
Sundargarh 1	Nursery raising technique of maize for transplanting	25	35	55	40	47	12000	18000	1. 35 2. 70 3. 57.14, 17.50, 50
Sundargarh 1	Crop management in transplanted maize	25	35	60	40	47	12000	18000	1. 85 2. 180 3. 71.43, 17.50, 50
Sundargarh 1	Root dip treatment, land preparation and line transplanting method of paddy	25	35	75	25	32	8000	13000	1. 220 2. 700 3. 114.29, 28, 62.5
Sundargarh 1	Micronutrient application in paddy	25	25	60	28	32	9500	15500	1. 121 2. 280 3. 140, 14.29, 63.16
Sundargarh 1	Bed preparation and Nursery sowing in onion	25	30	55	190	235	12000	18000	1. 50 2. 180 3. 83.33, 23.68, 50
Sundargarh 1	Interculture, weed and fertiliser management in onion	25	28	49	190	235	12000	18000	1. 65 2. 250 3. 75, 23.68, 50

Sundargarh 1	Interculture & fertiliser management in garlic	25	30	60	24	42	8600	40000	1. 40 2. 150 3. 100, 75, 365
Sundargarh 1	Land preparation, layout and nursery preparation for ICM in mustard	25							1. 0
Sundargarh 1	Nutrient, pest & disease management in Sesamum	25	32	60	5.6	7.8	10550	19500	1. 300 2. 1000 3. 87.50, 39.29, 84.83
Sundargarh 1	Land preparation, layout and method of transplanting of pointed gourd	25	30	65	210	255	251000	339000	1. 20 2. 45 3. 116.67, 21.43, 35.06
Sundargarh 1	Method of propagation of pointed gourd	25	25	55	200	240	10500	18000	1. 20 2. 45 3. 120, 20, 71.43
Sundargarh 1	Weed management in pulses	25	28	60			10500	17000	1. 12 2. 78 3. 114.29, 0, 61.90
Sundargarh 1	Scientific method of baby corn cultivation	25	25	60	35	45	16000	27000	1. 20 2. 75 3. 140, 28.57, 68.75
Sundargarh 1	Scientific management of groundnut	25	35	75	8	16	24000	34000	1. 45 2. 180 3. 114, 100, 41
Sundargarh 1	Training to farmer promoters on mushroom production	150	25	60					1. 6 2. 300 3. 140, 0 0
Sundargarh 1	Paddy straw mushroom	25	20	80	1.8	2.2	120	150	1. 78 2. 184 3. 300, 22, 25
Sundargarh 1	Training on land preparation, seed treatment and sowing of Blackgram	25	35	65	8.4	10.6	19500	26000	1. 248 2. 780 3. 85.71, 26.19, 33.33
Sundargarh 1	Training on land preparation and sowing of sesamum	25	30	55	5.6	7.8	10900	19500	1. 70 2. 550 3. 83, 39, 78
Sundargarh 1	Training on land preparation and sowing of Greengram	25	35	60	8.6	10.8	28000	38000	1. 70 2. 560 3. 85, 26, 33
Sundargarh 1	Self employment opportunities in agriculture	25	40	65				0	1. 0 2. 0 3. 62, 0 , 0

Sundargarh 1	Recent advances in Agriculture	15	35	55					1. 0 2. 0 3. 57, 0, 0
Sundargarh 1	Method of preparation of different types of compost and fortification	15	42	75					1. 0 2. 0 3. 78, 0, 0
Sundargarh 1	Maintenance of power operated implements and machineries	20	25	60					1. 0 2. 0 3. 140, 0, 0
Sundargarh 1	Maize based intercropping systems	10	35	55					1. 0 2. 0 3. 57, 0, 0
Sundargarh 1	Process documentation Techniques	15	45	78					1. 0 2. 0 3. 73, 0, 0
Sundargarh 1	Capacity building for ICT application	15	35	80					1. 0 2. 0 3. 128, 0, 0
Sundargarh 1	Identification and development of farmer promoters	15	45	80					1. 0 2. 0 3. 77, 0, 0
Sundargarh 1	Market Led Extension	15	40	70					1. 0 2. 0 3. 75, 0, 0

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 1	Field Day	32	17	102	18	297	121	12	6	To analyse and Highlight the successful technology	Hybrid rice, Weed mgt in blackgram, backyard poultry, scientific method of oilseed & pulse production	Peak vegetative and harvesting
Sundargarh 1	Kisan Mela	2	1	246	73	589	92	46	21	Emphasize interaction and exchange of information among participants	Tribal livelihood and food security – challenges and opportunities.	
Sundargarh 1	Kisan Ghosthi	2	2	11	4	63	22	3	2	Gathering for technical interaction, improve group cohesion & keep all group members abreast of recent advancement	Pre and post production management in livelihood sector	
Sundargarh 1	Exhibition	4	5							Presentation & display of best technologies	Value addition from agri produce	
Sundargarh 1	Film Show	16	10	421	354	678	276	29	14	Knowledge & skill development of farmers	Vermicompost, SRI, Value addition, Mushroom, Blackgram herbicide application,	
Sundargarh 1	Method Demonstrations	26	11	84	13	256	45	11	7	Understanding of process, component of new technology & their mgt.	SRI, Line transplanting, sowing, herbicide application, value addition, vermiculture	
Sundargarh 1	Farmers Seminar	2	4	21	24	37	12	2	4	Bringing together of small groups for focusing on a particular subject	1. Climatic change 2. Crop Diversification	
Sundargarh 1	Workshop	2	3	26	19	104	58	14	6	Emphasize interaction and exchange of information among participants		
Sundargarh 1	Group meetings	4	6	103	23	126	41	11	9	Gathering for technical interaction, improve group cohesion & keep all group members abreast	Cultivation practices of cereals, pulses, oilseed, vegetables & enterprise	

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			
										of recent advancement		
Sundargarh 1	Lectures delivered as resource persons		12	48	63	116	54	36	43	Knowledge & skill development	Hybrid maize cultivation, mustard, SRI, hybrid rice, Oyster mushroom cultivation	
Sundargarh 1	Newspaper coverage	10	11							Publicity	Kisan mela, Special day celebration	
Sundargarh 1	Radio talks	12	0							Awareness, information	Apiculture, IFS, hybrid maize cultivation	
Sundargarh 1	TV talks	4	3							Awareness, information	Crop seminar	
Sundargarh 1	Popular articles	3	4							Publicity	Maize cultivation, ICT, agromet advisory	
Sundargarh 1	Extension Literature	10	6			2000				Knowledge & skill development	Role of organic agriculture, Use of IT in agriculture, Soil health mgt.	
Sundargarh 1	Farm advisory Services	200	82	621	14	428	212	112	45			
Sundargarh 1	Scientific visit to farmers field	200	159	78	46	318	195	32	16	Monitoring and evaluation	Cereals, pulses, oilseed vegetables, enterprise	
Sundargarh 1	Farmers visit to KVK		241	321	98	641	111	88	41	Information seeking, problem solving, trainings, capacity development	Crop improvement, crop mgt., IGA, weather information	
Sundargarh 1	Diagnostic visits	20	18	424	136	721	96	23	10	Monitoring and evaluation	Pest & disease incidence,	
Sundargarh 1	Exposure visits	10	3	2		6	1	3		Learn from experience from others	Brooding of chicks, vermicultrure, rice straw mushroom in polyhouse	
Sundargarh 1	Ex-trainees Sammelan	8	4	68	12	91	29	2	4	Emphasize interaction and exchange of information among participants	Mushroom production, backyard poultry production	
Sundargarh 1	Soil health Camp	2	0	94	3	248	26	5	2			
Sundargarh 1	Animal Health Camp	4	2	78	2	149	2	8	1	To keep animal resources healthy & productive	Periodic health check-up & vaccination	
Sundargarh 1	Agri mobile clinic	4	2	54	2	98	12					
Sundargarh 1	Soil test campaigns	10	6	78	2	158	17	18	12			

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 1	Farm Science Club conveners meet	4	1	12	2	34	12			Emphasize interaction and exchange of information among participants	Cooperative marketing	
Sundargarh 1	Self Help Group conveners meetings	2	2		36		64		2	To strengthen SHGs & to make them more financially self reliant	Value added products, management & empowerment SHGs	
Sundargarh 1	Mahila Mandals conveners meetings											
Sundargarh 1	Celebration of important days (Akshaya Tritiya, World Food Day, Women in Agriculture Day)	3	3	274	38	478	124	14	8	Encouraging farming community	World food day, Women in agriculture day, Akshya trutiya,	

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
Sundargarh1	September 2008	Quarterly	2000	1800

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Sundargarh1	Booklet	<i>Jiya chasa</i> (Vermicomposting)	D. James Bage, Satyamaya Satapathy, S K Biswasi	500
Sundargarh1	Booklet	<i>Abarana krushibhitika capsicum chasa</i> Capsicum under protected cultivation	M.P. Nayak, S.K. Biswasi	500
Sundargarh1	Bookletq	<i>Kharif piyaja chasa</i> (Kharif onion cultivation)	Satyamaya Satapathy, David James Bage, S.K. Biswasi	500
Sundargarh1	Booklet	<i>Smi padhatire sorisha chasa</i> (System of mustard intensification)	David James Bage, SK Biswasi, Satyamaya Satapathy	500

7.3 Details of Electronic Media Produced

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

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 1	FS	Paddy	Prtikshya	28.0	68152	OSSC	
Sundargarh 1	FS	Arhar	ICPL-87119	1.2	83592	OSSC	
Sundargarh 1	FS	Blackgram	PU-31	1.5	10449	OSSC	
Sundargarh 1	TL	Niger	Utkal Niger	0.55	1980	DDA Sng	
				31.25			

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Area coverage (ha.)
Sundargarh 1	PM	Papaya	Selection 1 (Gynodioceous)	719nos	7190	124	
Sundargarh 1	PM	Tomato	Utkal Pragnya	6170nos	3085	78	
Sundargarh 1	PM	Cauliflower	Hemalata & Whiteshot	4060nos	2030	62	
Sundargarh 1	PM	Onion	Bhima Super	255550nos	51110	114	
Sundargarh 1	PM	Broccoli	Green Giant	615nos	615	24	
Sundargarh 1	PM	Cabbage	Mahyco 139	1818nos	909	16	
Sundargarh 1	PM	Brinjal	Kajol	600nos	300	21	
Sundargarh 1	PM	Chilli	Utkal Ava	1920nos	960	32	
Sundargarh 1	PM	Capsicum	Hybrid	400nos	400	47	
Sundargarh 1	PM	Tree Tomato	Hybrid	300nos	300	26	
Sundargarh 1	PM	Pointed gourd	Swarna aloukik	4792nos	34336	298	
Sundargarh 1	Spawn	Oyster mushroom	Oyster mushroom	72nos	864	12	

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 1	Bio Agents						
Sundargarh 1	Bio Agents						
Sundargarh 1	Bio Fertilizer	Vermicompost	1000		5000	210	
Sundargarh 1	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
Sundargarh1	Poultry	Vanraja	28 day old chicks	1619	89045	1920

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)
Sundargarh1	NA	NA	NA	345	271	6	NA	NA

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)
Sundargarh1	NA	NA	NA					

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

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 1		2014	Refresher Courses for WDT Members					
Sundargarh 1		2014	Refresher Courses for WDT Members					
Sundargarh 1		2014	Refresher Courses for WDT Members					

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
Sundargarh1	1997	01.03.2015	2	7	Major renovation and repair works required

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Sundargarh 1	26.7.2014	30	<ol style="list-style-type: none"> 1. KVK to consider the members of the Pani Panchayat as farmers and provide necessary training regarding modern agriculture packages and practices. 2. Provide the capacity building of FIAC members by K.V.K and steps to be taken for better Farmer-Scientist interaction/Extension 3. Include additional observation parameters on OFT to choose consumer choice and price comparison of variety.
Sundargarh 1	11.3.2015	20	<ol style="list-style-type: none"> 1. KVK to take the support of the staff from the KVK ring. 2. Kharif onion & Garlic to be demonstrated and the seed production aspects to be assessed and taken-up under KVK

			<p>3. Integrated farming system models basing on agro-ecological situations to be given more emphasis. More number of rural youths to be developed into agri-entrepreneurs.</p>
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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 1	127	1147	251	Pacific Technology (Pvt) & farmner portal	Weather and market based advisory on agricultural and allied sector

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
Sundargarh1	ATMA	Central	20000	Farmer-Scientist Interaction	Sundargarh District	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
	30773698636	2098773	228313	228313

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Sundargarh1	Sushant Naik	Farmer	O.U.A.T	Nil

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	Sundargarh1	Yes	Will be sent soon

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
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Sundargarh1	Crop Cafeteria	5 Nos of crop cafeteria and three demo units (planting material hardening unit, poultry brooding – cum – rearing unit and goat health care – cum –rearing unit) developed
Sundargarh1	Technology Desk	Established with available infrastructure but needs major improvement
Sundargarh1	Visitors Gallery	Established with available infrastructure but needs major improvement
Sundargarh1	Technology Exhibition	
Sundargarh1	Technology Gate-Valve	Established with available infrastructure but needs major improvement

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1.	Exotic Vegetables	1
2.	Nutrition and Food security Models	1
3.	Off season and non traditional vegetables	2
4.	Agri-horti Farming System model	1
5.	Intercropping	1
6.	Rural Livelihood Park comprising of mushroom, vermin, poultry, goatery	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.
01	Sundargarh1	Susanta Naik	Modified Rice Reaper	At : Kandabahal, Sudargarh, Odisha, Mobile - 09776775959

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
01	20.4.14	12
02	18.9.14	25
03	16.10.14	15
04	28.10.14	30
05	11.11.14	30
06	21.12.14	40
07	12.1.15	60
08	8.3.15	40

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Sundargarh1	6	9	27	324

Intensive- through training, OFTS, FLDS etc

Extensive- through BGREI, ATMA, sponsored programmes, diagnostic visits 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	Jharsuguda	Farm machineries, Manpower, Technology	Kisan Mela involving more than 3000 farmers was successfully organized with sharing
2	Sundargarh-2	Manpower, Electronics & AV aids etc	

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Sundargarh1	Dean, Extension Education, OUAT	11.3.15		1		Visited during SAC and kisan mela
Sundargarh 1	Principal Scientist, CHES	11.3.15	1			-do-
Sundargarh1	Dr S C Sahoo, Director, IMD Bhubaneswar	11.3.15			1	-do-

Sundargarh1	Jt. Director, Extension, OUAT	20.7.14		1		Visited during SAC
Sundargarh1	Principal Scientist, IGFRI	31.12.14-3.3.15	1			Visited during monitoring of Fodder programme in district
Sundargarh1	Dr. L.M. Garnayak, Chief Scientist, AICRP on Farming System Reseach	11.3.15 & 12.3.15		1		Visited for SAC and Kisan Mela
Sundargarh1	Dr. L. K Rath Prof, CA, O.U.A.T, Bhubaneswar	11.3.15 & 12.3.15		1		Visited for SAC and Kisan Mela
Sundargarh1	Dr J Padhi, Asso. Prof, CA, O.U.A.T, Bhubaneswar	11.3.15 & 12.3.15		1		Visited for SAC and Kisan Mela
Sundargarh1	Dr. K B Mohapatra Professor CTMRT, Bhubaneswar	11.3.15 & 12.3.15		1		Visited for SAC and Kisan Mela
Sundargarh1	Dr S.K. Mishra, Asso. Prof. OVC, O.U.A.T	11.3.15 & 12.3.15		1		Visited for SAC and Kisan Mela
Sundargarh1	Dr. S Swain OIC, AIRCRP on UAE	11.3.15 & 12.3.15		1		Visited for SAC and Kisan Mela
Sundargarh1	Dr. K. C. Barik Economist cum Statistician, Coordination Unit, Dean of Research	11.3.15 & 12.3.15		1		Visited for SAC and Kisan Mela
Sundargarh1	Dr. S. S. Mohapatra ADR, Baliapal	11.3.15 & 12.3.15		1		Visited for SAC and Kisan Mela
Sundargarh1	Dr R.K Paikray Prof Agronomy, CA, Bhubaneswar	11.3.15 & 12.3.15		1		Visited for SAC and Kisan Mela
Sundargarh1	Dr S. K. Samal Asso Prof (Hort) CH, Chiplima	11.3.15 & 12.3.15		1		Visited for SAC and Kisan Mela
Sundargarh1	DM & Collector	11.3.15			1	Visited during kisan mela
Sundargarh1	P.D., DRDA, Sundargarh	20.4.14			1	Visited during action plan finalization meeting
Sundargarh-1	President, Zilla Parishad	11.3.15			1	Visited in SAC and during the Kisan Mela

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
	Sundargarh 1	20.12.2010	6	

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 1							Not available

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
	Sundargarh 1			NA

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
	Sundargarh 1	0	0	NA

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Sundargarh 1	Satyamaya Satapathy	SMS (Agronomy)	2	At CRRRI cuttack and DWSR, Jabalpur
Sundargarh 1	M. P Nayak	PC	1	CIFA, Bhubaneswar
Sundargarh 1	DJ Bage	SMS (Agril Extension)	2	CIFA, Bhubaneswar & IGKV, Raipur
Sundargarh 1	A K Mishra	PA (Computer)	1	ZPD Jabalpur
	Total		6	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Sundargarh 1	4	5

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Sundargarh 1	Mahamaya Prasad Nayak	PC	2	
Sundargarh 1	David James Bage	SMS (Agril Extension)	2	
Sundargarh 1	Satyamaya Satapathy	SMS (Agronomy)	2	
Sundargarh 1	Arun Kumar Mishra	Programme Asst. (Computer)	1	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Sundargarh 1	4	3

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 1				Nil

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

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
Sundargarh1	Gosthies	1	50	

Sundargarh I	Exhibition	2	2500	
Sundargarh I	Fair	2	2110	
Sundargarh I	Farm Visit	1	2700	
Sundargarh I	Distribution of Literature (No.)	7	500	
Sundargarh I	Distribution of Planting materials (No.)	1	100	Papaya seedlings
Sundargarh I	Ex Trainee sammelan	2	50	
Sundargarh I	Farmer Scientist Interaction	2	2110	
Sundargarh I	Technical Seminar	6	2110	
Sundargarh I	Total number of farmers visited the technology week	1	3040	

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

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

Verns Produced

Name of KVK	Verns 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

1	Name of the Farmer	Sri Susanta Kumar Naik	
2	Address: Village Post Tehsil District State	Kandabahal Bhedabahal Sadar, Sundargarh Sundargarh Orissa	
3	Contact Details:	09853435649	
4	Details of the farm (size, location, water availability etc.)	Mushroom farm (Size: 50' x 15'; Location: home stead; dug well, use of fogger for maintaining temperature & humidity)	
5	Membership in Self-Help Group, Producers Cooperative/ Company, Cooperative Society etc. (give details)	Non- member	
6	Names of the Central Sector/ State Schemes utilized by the farmer and the period	Own fund, technical & training support from Krishi Vigyan Kendra, Sundargarh	
7	Technologies/ Good Agricultural Practices/ Facilities/ Benefits obtained with details	Rice straw and oyster mushroom technology round the year in controlled environment. Waste materials from mushroom unit , utilized in vermi-compost unit	
8	Details of results obtained due to the adoption of technologies (Season-wise crops grown, techniques	Improved/ present production technologies	Traditional/ past production practices

	adopted, results achieved etc.)	Rice straw	Oyster		
	Productivity per bed	1.3-1.5 kg	1.2-1.5 kg		
	Cost of production per bed	Rs.45/-	Rs.35/-		
	Net income per bed	Rs.150/-	Rs.90/-		
	Price realized (Rs. per bed)	Rs.105/-	Rs.55/-		
	Natural resources saved/ conserved like soil, water etc.	Field waste (straw) utilized in mushroom & waste from mushroom unit recycled to vermi-compost, family labour fully utilized and employment for two labours generated round the year. Home stead space commercially utilized for income generation.			
	Product quality improvement	N/A			
9	Marketing Strategy – Access to market (through private, cooperative, contract farming etc.) Export market (details of exports made)	Market access in nearby town of Sundargarh through door step sale N/A			
10	Factors contributing to success	Innovativeness, sincerity, encouragement & support from KVK and family. Linkage with spawn manufacturing unit at Bhubaneswar.			
11	Any other relevant information	Horizontal spread through “Seeing is believing” many youths of nearby villages have been inspired by the success and this farmer has become master trainer for others. Now he is conducting trial with different substrate materials e.g. wheat straw, maize stover, Jowar straw and sesamum straw to find out highest yield potential in his own interest with technical support from ATMA & KVK.			

Krishi Vigyan Kendra, Kirei, Sundargarh, Orissa - 770073

1	Name of the Farmer Age Education	Sri Bijay Kumar Naik 45 Graduate	
2	Address: Village Post Tehsil District	Bhagapalli Rangadhipa Subdega Sundargarh	

	State	Orissa	
3	Contact Details:	09437675944	
4	Details of the farm (size, location, water availability etc.)	Goat farm (Size: 30' x 15'; Location: home stead; dug well)	
5	Membership in Self-Help Group, Producers Cooperative/ Company, Cooperative Society etc. (give details)	President, Krishak Club, Bhagapalli FAC member, ATMA NFSM member RMC member	
6	Names of the Central Sector/ State Schemes utilized by the farmer and the period	Own fund, technical training support from Krishi Vigyan Kendra, Sundargarh in collaboration with ATMA	
7	Technologies/ Good Agricultural Practices/ Facilities/ Benefits obtained with details	Goatery with good quality breeding buck; health care & vaccination facility provided by KVK through local AH department, Local one year goats were previously sold @Rs.1500 but now improved breed is fetching Rs.4000 for the same. Total turn over is approximately Rs.1.5 lakhs annum.	
8	Details of results obtained due to the adoption of technologies (Season-wise crops grown, techniques adopted, results achieved etc.)	Presently he has 24 doe, 15 kids of less than 4 months age, 10 kids of 8 months age and 2 breeding bucks over a period of 8 months.	
9	Marketing Strategy – Access to market (through private, cooperative, contract farming etc.) Export market (details of exports made)	Market access in nearby town of Sundargarh, Rajgangpur & Jharsuguda. KVK has linked the farmer with different private catering agencies for marketing of meat and for sale of kids and starting of new goatery unit different SHGs have been linked. N/A	
10	Factors contributing to success	Innovativeness, sincerity, encouragement & support from KVK and family. Linkage with market and SHGs for sale of kids and meat.	
11	Any other relevant information	Horizontal spread through “Seeing is believing” many youths & SHG members of nearby villages have been inspired by the success and this farmer has become master trainer for others. Now he is operating a buck breeding unit & intends to supply	

		good quality goat kids to farmers.	
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Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Sundargarh 1	6	18

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)

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