

**ANNUAL PROGRESS REPORT OF  
KVK SUNDARGARH  
2011-12**

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## **Instructions for Filling the Format**

- 1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required**
- 2. Do not merge columns, rows.**
- 3. Please repeat the name of KVK in each table in the column “Name of KVK”**
- 4. Do not fill the non-numerical values in numeric field**
- 5. Do not repeat the unit while reporting data as it is already mentioned in the heading row**
- 6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit**
- 7. Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)**
- 8. Additional relevant information may be provided at the end of Format by creating heading “Additional Information”**
- 9. Also read the instructions mentioned just below the table**
- 10. Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format**
- 11. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**
- 12. Gray colour cells in summary table need not to be filled.**

## REPORTING PERIOD – April 2011 to March, 2012

### Summary of achievements during the reporting period

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
Sundargarh	OFTs	16	85	10	55	
Sundargarh	FLDs – Oilseeds (activity in ha)	10.0	10	10.0	10	
Sundargarh	FLDs – Pulses (activity in ha)	10.0	10	10.0	10	
Sundargarh	FLDs – Cotton (activity in ha)					
Sundargarh	FLDs – Other than Oilseed and pulse crops (activity in ha)	14	80	9	80	
Sundargarh	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	1	10	1	10	
Sundargarh	Training-Farmers and farm women	110	2700	60	1500	
Sundargarh	Training-Rural youths	15	450	6	90	
Sundargarh	Training- Extension functionaries	14	220	7	70	
Sundargarh	Extension Activities	659	14230	748	15300	
Sundargarh	Seed Production (Number of activity as seeds in quintal)	33.0	50	20.0	25	
Sundargarh	Planting material ((Number of activity as quantity of planting material in quintal)					
Sundargarh	Seedling Production (Number of activity as number of seedlings in numbers)	57000	535	10000	20	
Sundargarh	Sapling Production (Number of activity as number of sapling in numbers)					
Sundargarh	Other Bio- products					
Sundargarh	Live stock products	1	250	1	250	
Sundargarh	SAC Meeting (Date & no. of core/official members	1(27.7.2011)	30	1	30	
Sundargarh	Newsletters (no.)	4	Mass	4	Mass	
Sundargarh	Publication (Research papers, popular article)	4	2000	4	2000	
Sundargarh	Convergence programmes / Sponsored programmes	5	Mass	5	Mass	
Sundargarh	KVK-ATMA Linkage programme (Number of activities)	4	Mass	4	Mass	
Sundargarh	Outreach of KVK in the District (No. of blocks, no. of villages)	5block	15	5	15	
Sundargarh	Soil sample tested					
Sundargarh	Water sample tested					
Sundargarh	KMA (No. of messages & beneficiaries)	30	300	30	300	

# 1. GENERAL INFORMATION

## 1.1. Staff Position (as on date)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Sundargarh	Programme Coordinator	Dr. Mrs. A.Sasmal	Plant Protection	Ph.D	Entomology	15600-8000-39100	15600	2.8.2011	Permanent	Others
Sundargarh	Subject Matter Specialist1	Mr. J. K. Pati	Agril.(Extn)	MSc(Ag)	Extension	15600-6000-39100	19100	2.1.2005	Temporary	Others
Sundargarh	Subject Matter Specialist2	Mrs. B L Rout	Home Science	MSc (Home Science)	Home Science	15600-6000-39100	16920	22.10.09	Temporary	SC
Sundargarh	Subject Matter Specialist3	Mr. S. Satapathy	Agronomy	MSc (Ag)	Agronomy	15600-6000-39100	16250	16.12.2010	Temporary	Others
Sundargarh	Subject Matter Specialist4	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>
Sundargarh	Subject Matter Specialist5	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>
Sundargarh	Subject Matter Specialist6	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>
Sundargarh	Programme Assistant	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>
Sundargarh	Farm Manager	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>
Sundargarh	Computer Programmer	Mr. A K Mishra	Computer	MCA	Computer Application	9300-4200-34800	13060	1.7.2011	Temporary	Others
Sundargarh	Accountant / superintendent	Mr. H C Nayak	Official	BA	Official	9300-4200-34800	15030	10.8.09	Permanent	Others
Sundargarh	Stenographer	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>					
Sundargarh	Driver	Mr. B. Sa				5200-1900-20000	5500	19.7.08	Temporary	Others
Sundargarh	Driver	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>	<b>Vacant</b>					
Sundargarh	Supporting staff	Mr. S N Pradhan				4440-1300-7000	5100	4.8.08	Temporary	Others
Sundargarh	Supporting staff	Mr. B Chhatria				4440-1300-7000	5200	1.12.2010	Temporary	SC

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

The district lies in the north western portion of the State. It is bounded on the north by Jharkhand State, on the south by Jharsuguda, Sambalpur and Deogarh districts, on east and north-east by Keonjhar and Paschimi Singhbhum districts of Odisha and Jharkhand, on the west and north-west Raigarh district of Chhatisgarh. The district headquarters is located at Sundargarh.

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	83 <sup>0</sup> 32'-85 <sup>0</sup> 22'E	Female in Non-Agril.	1,12,544
Latitude	20 <sup>0</sup> 35'-22 <sup>0</sup> 32'N	Work force in Agril.	43,94,070
MSL	300 m	Work force in Non-Agril.	3,00,706
Temperature (Max)	26 <sup>0</sup> - 41 <sup>0</sup> C	Geographical Area	9,712 Sq. Kms.
Temperature (Min)	12 <sup>0</sup> - 28 <sup>0</sup> 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	Other fallow	41,325 ha.

	Brahmani and IB- Tributary of Mahanadi	Forest area	1,60,583 ha.
Major crops of the district	Paddy, black gram, green gram, arhar, horse gram, sesamum, groundnut, mustard, wheat and maize	Net Area sown	3,13,000 ha. (32.22%)
		Irrigated land (ha.)	31,924
		Rain-fed land (ha.)	3,04,126

Geographically, the district is not a compact unit and consists of widely, dissimilar tracts of expansive and fairly open country, dotted with isolated peaks, inaccessible forests, river valley and mountainous terrain. Broadly speaking it is an undulating table-land of different elevations broken up by rugged hill ranges and cut off by torrential hill streams and the river Ib and Brahmani. The general slope of the district is from north to south. There is a open well-cultivated plain country along the valley of the Ib river particularly in the south. The rest of the Sadar sub-division consists of undulating table-land about 700 ft. in average height, dotted here and there with hills and peaks rising to about 2000ft., in the western most tracts at hemgir P.S. in the north there is a gradual rise to the table-land of Chhotanagpur. The portion occupied by Bonai sub-division to the south-east has rugged forest and hills intersected by gorges and passes and having a narrow valley of the Brahmani river and its tributaries. For a short spell of time during the rainy season the rapid current of the hill-streams cut off communication. The east and west of the brahmani valley is filled with high range of mountains, ft.) Chheliatoka (3331 ft.) and Bichakani (2964 ft.) in the east. The last hill has acquired importance as it contains million of tonnes of iron-ore for use in Rourkela steel plant. The territory of Sundargah and Panposh sub-divisions comprising the ex-states of Ganagpur is about 700 ft. above the sea level. Bonai sub-division comprising ex-State of Bonai is about 800 ft. above the sea level. The forest of the district is of northern tropical dry deciduous type, mainly containing Sal, Assan and Kurum. The eastern half of Bonai and Rajagangapur contain better quality of vegetation. The forest area is mostly studded with rich mineral deposits, like iron ore, manganese, limestone, lead; also forest products like bamboo, timber and kendu leaf which are export-oriented. The district was a very inaccessible tract having no proper communication. The tribal people living in the area used to subsist for the most part of shifting cultivation which resulted in denudation of forest The forest occupy an area of 3534.92 sq.kms which includes 2664.64 sq. kms. under reserved forest and 612.07 sq.kms. under protected forest. The forests are of northern tropical dry deciduous type. Sal is the dominant species. The eastern half of Bonai contain better quality of vegetation. The principal forest produce are timber, kendu-leaf and bamboo besides minor product like sabai grass. lac, tassar, myrabolan, mahua, kusuma seed, resin, tamarind, gum and sal seed.

### 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	Tikilipada	2012-13	Bargaon	40	1200	145
Sundargarh	Salepali	2012-13	Sadar	30	1300	150
Sundargarh	Khamarbahal	2012-13	Tangarpali	25	900	120
Sundargarh	Amasaranga	2012-13	Sadar	20	1185	115
Sundargarh	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
Sundargarh	To increase yield by substituting local / degraded varieties in vegetables
Sundargarh	To control disease & insect pest by integrated methods of pest control with organic articulation
Sundargarh	To emphasize on cultivation of lucrative off-season vegetables
Sundargarh	To emphasize on increasing the acreage of the fruit crops like mango, banana on commercial scale relating to broad based agriculture
Sundargarh	Integrated insect pest management
Sundargarh	Integrated disease management
Sundargarh	Use of Bio-control agents & Bio-pesticides
Sundargarh	Use of Botanicals
Sundargarh	To harness the export potentials of the scented variety of paddy
Sundargarh	Adoption of diversified cropping pattern in uplands (Oilseeds/Pulses/Maize)
Sundargarh	Weed & nutrient management of crops
Sundargarh	Efficient utilization of land, labour and use of high yielding varieties of seeds

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

KVK Name	Problem identified	Methods of problem identification
Sundargarh	Distress sale of paddy due to absence of exportable quality	PRA , Focus group discussion, Observation
Sundargarh	Local variety is susceptible to diseases.	PRA , Focus group discussion, Observation
Sundargarh	Indiscriminate use of pesticides	PRA , Focus group discussion, Observation
Sundargarh	Wilting in Tomato	PRA , Focus group discussion, Observation
Sundargarh	Low yield in chilly	PRA , Focus group discussion, Observation
Sundargarh	Less price in on-season due to market glut in cauliflower	PRA , Focus group discussion, Observation
Sundargarh	Low yield in cauliflower	PRA , Focus group discussion, Observation
Sundargarh	Low yield in brinjal	PRA , Focus group discussion, Observation
Sundargarh	Low yield in pointed gourd	PRA , Focus group discussion, Observation



## 2. On Farm Testing

### 2.1 Information about OFT

KVK name	Year/ season	Problem diagnose	Category of technology (Assessment / Refinement)	Thematic Area	Crop/ enterprise	Farming Situations	Title of OFT	No. of trials	Results (with parameter) Yield(Qt/ha)		Net Returns (Rs./ha)		Recommendati ons
									Farmer practice T1	Rec. Tech T2	T1	T2	
Sundargarh	2011-12 Kharif	Heavy weed infestatio n in maize	Assessment	IWM	Maize	Rain fed Upland	Assessment of herbicide in kharif maize	05	27.5	38.6	12400	23420	
Sundargarh	2011-12 Kharif	Low yield	Assessment	Varietal evaluation	Paddy	Rain fed Medium land	Assessment of high yielding variety medium duration paddy var. Ranidhan	05	39.5	55.2	14160	29116	
Sundargarh	2011-12 Kharif	Low yield due to moisture stress in upland	Assessment	Varietal evaluation	Paddy	Rain fed Medium land	Assessment of drought tolerant paddy var. Sahabhadhan	10	18.7	35.2	5696	17516	
Sundargarh	2011-12 Kharif	Heavy weed infestatio n	Assessment	IWM	Blackgra m	Rain fed Medium land	Assessment of herbicide application in blackgram	05	3.5	6.0	5000	10800	
Sundargarh	Rabi 2011-12	Varietal evaluatio n of var. Utkal Manika	Assessment	Varietal evaluation	Cowpea	Irrigated medium land	Assessment of cowpea var. Utkal Manika	05	59q	78q	26900	43800	
Sundargarh	2011-12 Rabi	Wilting in chilli	Assessment	IDM	Chilli	Irrigated medium land	Assessment of IDM for fungal wilt in chilli	5	Wilting( % ) 14 Dry wt. yield 27.5	Wilting( % ) 2 Dry wt. yield 31.7	2,20,000	2,53,600	
Sundargarh	2011-12 Rabi	Low yield due	Assessment	IPM	Onion	Irrigated medium	Assessment of IPM for onion	5	65.2	82.5	31660	44700	

		to thrips attack				land	thrips						
Sundargarh	2011 Kharif	Less fruiting	Assessment	Mushroom cultivation	Mushroom	Rainfed	Assessment of pulse bran as substrate in paddy straw mushroom	5/ 50 beds	37.5kg	76.5kg	1400	5660	
Sundargarh	2011 Kharif	non-availability of paddy straw	Assessment	Mushroom cultivation	Mushroom	Rainfed	Assessment of threshed straw as substrate in paddy straw mushroom	5/50 beds	1.5kg/bed	1.0kg/bed	7500	5000	
Sundargarh	2011 Kharif	Non-availability of Labour	Assessment	Drudgery reduction	Cowpea	Rainfed	Assessment of wheel finger weeder in vegetable	5/ 0.5ac	50	54	45000	59000	

## 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	Demo	Check	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP(T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Sundargarh	Assessment of herbicide in kharif maize	Yield	38.6	27.5	20,600	22,900		33,000	46,320		12400	23420		1.6	2.02	
Sundargarh	Assessment of high yielding variety medium duration paddy var. Ranidhan	Yield	55.2	39.5	28500	30,500		42,660	59616		14160	29116		1.5	1.95	
Sundargarh	Assessment of drought tolerant paddy var. Sahabghidhan	Yield	35.2	18.7	14,500	20,500		20196	38016		5696	17516		1.4	1.85	
Sundargarh	Assessment of herbicide application in blackgram	Yield	6.0	3.5	7500	8200		12,250	21000		4,750	12800		1.6	2.56	
Sundargarh	Assessment of cowpea var. Utkal Manika	Yield	59	78	38000	42000		64900	85800		26900	43800		1.7	2.04	
Sundargarh	Assessment of fungal wilt in chilli	% of wilt Yield	2 31.7	14 27.5	115000	116500		220000	253600		105000	137100		1.91	2.18	
Sundargarh	Assessment of IPM in Onion	% of leaf damage	3	17	20500	21300		52160	66000		31660	44700		2.5	3.1	
Sundargarh	Assessment of pulse bran as substrate in	Yield in kg	76.5	36.5	2350	2000		3750	7650		1400	5650		1.5	3.8	

	paddy straw mushroom															
Sundargarh	Assessment of threshed straw as substrate in paddy straw mushroom	Yield in kg	50	-	-	2000		-	5000		-	3000		-	2.5	
Sundargarh	Assessment of wheel finger weeder in vegetable	Yield (q/ha)	50	54	55000	49000		100000	108000		45000	59000		1.8	2.2	

## 2.3 Feedback from KVK to Research System

Name of KVK	Feedback
<b>Sundargarh</b>	

## 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		
<b>Sundargarh</b>	Maize	INM	Application of boron @ 1kg/ac as foliar spray at 3 & 6-7 weeks after sowing in 2 equal splits	Training demonstration, field day Radio talk, Tv talk			
<b>Sundargarh</b>	Paddy	Varietal substitution	Aromatic Variety Ketakijoha	Training demonstration, field day Radio talk, Tv talk			
<b>Sundargarh</b>	Paddy	Varietal substitution	HYV Pratikshya	Training demonstration, field day Radio talk, Tv talk			
<b>Sundargarh</b>	Red gram & Groundnut	Integrated crop management	Laxmi+AK-12-24	Training demonstration, field day Radio talk, Tv talk			
<b>Sundargarh</b>	Watermelon	Varietal substitution	Variety Sugarbaby	Training demonstration, field day Radio talk, Tv talk			
<b>Sundargarh</b>	Radish	Varietal substitution	Variety Pusa chetki	Training demonstration, field day Radio talk, Tv talk			
<b>Sundargarh</b>	Cauliflower	Varietal substitution	Variety Himlata	Training demonstration, field day Radio talk, Tv talk			
<b>Sundargarh</b>	Paddy	IPM	Integrated approach i.e. skip row planting, application of neem cake @ 2.5 q/ha and need based spraying of imidaclopid @ 0.3 ml/lit.	Training demonstration, field day Radio talk, Tv talk			
<b>Sundargarh</b>	Tomato	IDM	<i>Tricoderma viridi</i> (Soil & seed treatment during planting) COC+ Streptocycline (spraying & soil drenching) carbo furan-3g(soil application after 30 days)	Training demonstration, field day Radio talk, Tv talk			
<b>Sundargarh</b>	Nutritional garden	ICM	Efficient use of backyard area, waste water, house hold degradable waste and family labour	Training demonstration, field day Radio talk, Tv talk			
<b>Sundargarh</b>	P.S. Mushroom	Mushroom	Paddy-Straw mushroom cultivation	Training demonstration, field day			

		cultivation		Radio talk, Tv talk			
<b>Sundargarh</b>	Marigold cultivation in backyard	Enterprise	Improved variety (African orange)	Training demonstration, field day Radio talk, Tv talk			
<b>Sundargarh</b>	Poultry	Introduction of breed	Banaraja bird	Training demonstration, field day Radio talk, Tv talk			
<b>Sundargarh</b>	Tomato	IDM	Application of Neem Pesticide 1500 ppm followed by Acetamapride 0.25 gm /lt of water	Training demonstration, field day Radio talk, Tv talk			
<b>Sundargarh</b>	Cabbage	IPM	Use of Pheromone Trap & Application of Botanical Pesticide (BT, B. bassiana)	Training demonstration, field day Radio talk, Tv talk			

### 3.2 Details of FLDs implemented

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep - No.	Name of Variety/Tech nology/Entre prizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Sundargarh	Weed management	Groundnut	Kharif 2011	Herbicide application in Ground nut	10	Oxyfluorfen- 23.5% EC, 200ml/ha., pre- emergence application within 3DAS	15.6	11.5	35.6	01	04	05	-	10
Sundargarh	Weed management	Paddy	Kharif 2011	Herbicide application in Paddy	1.0	Pyrazosulfuron Ethyl-10% WP (Sathi) 200g/ha. Pre- emergence application within 3DAT	44.8	35.5	26.2	-	02	08	-	10
Sundargarh	Crop diversification	Maize	Kharif 2011	Hybrid maize cultivation	0.4	Hybrid maize, 110 days duration, 1-2 cobs/plant, 32 q/ha, golden yellow colour grain	42.5	30.0	41.7	-	03	01	01	10
Sundargarh	INM	Mustard	Rabi 2011-12	INM in Mustard	1.0	Fertilizer @ 80:40:40 NPK/ha, ZnSO <sub>4</sub> @ 25 kg/ha, Boron 20% spray at vegetative and flowering stage	5.8	3.5	65	-	02	03		05
Sundargarh	IPM	Paddy (Pratikhya)	Kharif 2011	Release of parasitoids Dragging of rope	1ha	Biological control of caseworm in paddy	41.3	37.5	10.1	1	3	6		10
Sundargarh	IDM	Chilli	Rabi 2011-12	Spraying of copper oxychloride @ 3g/ltr	0.4ha	Management of dieback in chilli	33	28.4	16.2	3	1	1		5

<b>Sundargarh</b>	IGA	Banaraja	Kharif 2011	Brooding for 3 weeks with nutrition mgt and vaccination	100	Banararaja chicks	22500	7500	2	2	6	2		10
<b>Sundargarh</b>	IGA	Vegetable Seedlings	Kharif 2011	Soil treatment, Seed treatment, Line sowing	10dc	Kajol, Laxmi, Tejaswini, Trisha, F1	8733	1600	4.45	3	3	4		10
<b>Sundargarh</b>	Drudgery reduction	Groundnut	Kharif 2011	Manually operated push & pull type having capacity 0.015ha/hr	0.5ac	Wheel finger weeder	9.1	8.7	4.5	1	4	5		10

### 3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
<b>Sundargarh</b>	Groundnut	Herbicide application in Ground nut	<b>Yield</b>	15.6	11.5	<b>21400</b>	<b>22500</b>	<b>46,800</b>	<b>34,500</b>	<b>25,400</b>	<b>12000</b>	<b>2.2</b>	<b>1.53</b>
<b>Sundargarh</b>	Paddy	Herbicide application in Paddy	<b>Yield</b>	44.8	35.5	<b>27000</b>	<b>27800</b>	<b>48384</b>	<b>38340</b>	<b>21384</b>	<b>10,540</b>	<b>1.8</b>	<b>1.38</b>
<b>Sundargarh</b>	Maize	Hybrid maize cultivation	<b>Yield</b>	42.5	30.0	<b>22000</b>	<b>20000</b>	<b>51,100</b>	<b>36,000</b>	<b>29,100</b>	<b>16,000</b>	<b>2.32</b>	<b>1.8</b>
<b>Sundargarh</b>	Mustard	INM in Mustard	<b>Yield</b>	5.8	3.5	<b>9,500</b>	<b>7000</b>	<b>17,400</b>	<b>10,500</b>	<b>7900</b>	<b>3500</b>	<b>1.8</b>	<b>1.5</b>
<b>Sundargarh</b>	<b>Paddy</b>	<b>Release of parasitoids Dragging of rope</b>	<b>% of affected leaves</b>	<b>3%</b>	<b>7%</b>	<b>24000</b>	<b>25000</b>	<b>44604</b>	<b>40500</b>	<b>20604</b>	<b>15500</b>	<b>1.8</b>	<b>1.62</b>
<b>Sundargarh</b>	<b>Chilli</b>	<b>Spraying of Copper oxychloride @3g/l</b>	<b>% of twigs died / affected plant</b>	<b>4%</b>	<b>25%</b>	<b>116400</b>	<b>11700</b>	<b>264000</b>	<b>227200</b>	<b>147600</b>	<b>110200</b>	<b>2.26</b>	<b>1.94</b>
<b>Sundargarh</b>	<b>Banaraja</b>	Brooding for 3 weeks with nutrition mgt and vaccination	<b>Yield(kg)/bird</b>	<b>2.5kg/bird</b>	<b>0.5kg/bird</b>	<b>5000</b>	<b>2000</b>	<b>22500</b>	<b>7500</b>	<b>17500</b>	<b>5500</b>	<b>4.5</b>	<b>3.75</b>
<b>Sundargarh</b>	Vegetable Seedlings	Soil treatment, Seed treatment, Line sowing	<b>No of seedlings</b>	<b>17466</b>	<b>8000</b>	<b>1800</b>	<b>600</b>	<b>8733</b>	<b>1600</b>	<b>6933</b>	<b>1000</b>	<b>4.8</b>	<b>2.6</b>





### 3.5 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Sundargarh	Paddy	Field days	1	50	
Sundargarh	Paddy	Farmers Training	2	25	
Sundargarh	Paddy	Media coverage	1	Mass	
Sundargarh	Paddy	Training for extension functionaries	1	10	
Sundargarh	Groundnut	Field days	1	50	
Sundargarh		Farmers Training	2	25	
Sundargarh		Media coverage	1	Mass	
Sundargarh		Training for extension functionaries	1	10	
sundargarh	Paddy	Field days	1	50	
sundargarh		Farmers Training	2	50	
sundargarh		Media coverage	1	Mass	
sundargarh		Training for extension functionaries	1	10	
Sundargarh	Groundnut	Field days	1	50	
Sundargarh		Farmers Training	2	25	
Sundargarh		Media coverage	1	Mass	
Sundargarh		Training for extension functionaries	1	10	
Sundargarh	Banaraja poultry	Field days	1	50	
Sundargarh		Farmers Training	1	25	
Sundargarh		Media coverage	1	Mass	
Sundargarh		Training for extension functionaries			
Sundargarh	Vegetable seedling	Field days			
Sundargarh		Farmers Training	4	100	
Sundargarh		Media coverage	1	Mass	
Sundargarh		Training for extension functionaries	1	10	
Sundargarh	Groundnut	Field days			
Sundargarh		Farmers Training	2	50	
Sundargarh		Media coverage			
Sundargarh		Training for extension functionaries			

#### 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	FW	PRA, Diagonstic visit, Field visit	24.10.11,	50
Sundargarh	RYH	TNA through observation & questionnaire		25
Sundargarh	IS	DAO Conference, Meeting with line Dept. officials	29.10.11	100
Sundargarh	VOCATIONAL	Strategy meeting , E-Surveillance	24.10.11	30

#### Abbreviation Used

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

## 5. TRAINING PROGRAMMES

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

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

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8			11	12	13	14	9	10
Sundargarh	FW	OFC	CRP	IWM in Paddy	2	2			2	-	20	4	24	-
Sundargarh	FW	OFC	CRP	INM in Paddy	2	2	5		15	2	13	2	13	
Sundargarh	FW	OFC	CRP	IWM in Ground nut	3	3	-	-	5	-	35	15	25	-
Sundargarh	FW	ONC	CRP	INM in Maize	1	1	-	-	3	2	16	4	-	-
Sundargarh	FW	ONC	CRP	Crop diversification under Rain fed situation	1	1	-	-	2	-	18	2	3	-
Sundargarh	FW	OFC	CRP	Improved package & practices for Black gram cultivation	1	1	6	2	13	-	4	-	-	2
Sundargarh	FW	OFC	CRP	Package & practices for Sesamum cultivation	2	2			12	7	28	5	23	
Sundargarh	FW	OFC	CRP	Package & practices for Wheat cultivation	1	1	-	-	-	-	10	-	15	-
Sundargarh	FW	OFC	CRP	Package & practices for Mustard cultivation	2	2	-	-	25	16	19	-	15	-
Sundargarh	FW	OFC	CRP	Package & practices for Sunflower cultivation	1	1	-	-	16	-	9	-	-	-
Sundargarh	RY	OFC	CRP	SRI Method of rice Production	1	1					15			
Sundargarh	IS	ONC	CRP	Crop Diversification	1	1					3		7	
Sundargarh	IS	ONC	CRP	Conservation of Agriculture	1	1					7		3	
Sundargarh	RY	ONC	CRP	Vemicompost	1	1	2	-	-	-	13	-	-	-
Sundargarh	OFC	FW	PLP	Use of bio-control agents in paddy pest management	1	1	-	-	2		8		15	
Sundargarh	OFC	FW	PLP	Integrated pest management in groundnut	1	1	-	-	-	-	9	-	16	-

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8			11	12	13	14	9	10
Sundargarh	OFC	IS	PLP	New generation pesticides : An overview	1	1	-	-	-	-	-	-	10	-
Sundargarh	OFC	FW	PLP	Integrated pest management in tomato	1	1	-	-	-	2	4	11	-	8
Sundargarh	OFC	FW	PLP	Insect pest management in onion	1	1	-	-	5	-	19	-	1	-
Sundargarh	OFC	FW	PLP	Management of diseases in onion	1	1	-	-	-	-	9	16	-	-
Sundargarh	OFC	IS	PLP	Natural enemies in paddy ecosystem	1	1	-	-	-	-	4	-	6	-
Sundargarh	OFC	RYH	PLP	Apiculture	1	1	-	-	-	-	15	-	-	-
Sundargarh	OFC	FW	PLP	Management of disease in paddy nursery	1	1	-	-	-	-	25	-	-	-
Sundargarh	ONC	RYH	PLP	Bee-keeping	1	1	-	-	-	1	-	3	-	11
Sundargarh	ONC	FW	PLP	Management of disease in chilli	1	1	-	-	1	7	5	4	8	-
Sundargarh	OFC	IS	PLP	Organic management for chilli insect pests	1	1	-	-	-	-	5	-	5	-
Sundargarh	OFC	FW	HOV	Off-season vegetable cultivation	2	2	2	-	6	-	17	-	-	-
Sundargarh	OFC	FW	WOE	Gender mainstreaming through SHG	1	1	-	-	-	-	5	20	-	-
Sundargarh	OFC	FW	WOE	Value added products from tomatoes	1	1				3	-	17		5
Sundargarh	OFC	FW	WOE	Minimization of nutrients loss during cooking	1	1	-	-	-	6	-	12	-	7
Sundargarh	OFC	FW	WOE	Layout and scientific planning of nutritional garden in back yard	1	1	-	-	-	4	-	8		13
Sundargarh	OFC	FW	WOE	Paddy straw mushroom production using threshed straw	1	1	-	-	-	4	-	16	-	5
Sundargarh	OFC	FW	WOE	Income generation through paddy straw mushroom	1	1	-	-	-	2	-	14	-	9
Sundargarh	OFC	FW	WOE	Drudgery reduction technology through wheel finger weeder in groundnut	1	1	-	-	-	1	-	17	-	7

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8			11	12	13	14	9	10
Sundargarh	OFC	FW	WOE	Use of wheel finger weeder in vegetable	1	1	-	-	-	-	-	25	-	-
Sundargarh	OFC	FW	WOE	Value added products from lemons	1	1	-	-	-	-	-	10	-	15
Sundargarh	OFC	FW	WOE	Value added products from lemons	1	1	-	-	-	5	-	20	-	-
	OFC	FW	WOE	Income generation through paddy straw mushroom cultivation	1	1	-	-			7	15	1	2
	OFC	FW	WOE	Improved vegetable nursery management for income generation of farmwomen	1	1	-	-	-	2	-	16	-	7
	OFC	FW	WOE	Value added products from lemons	1	1	-	-	-	-	-	1	-	24
	OFC	FW	WOE	Cultivation of oyster mushroom	1	1	1	1		1	7	5	8	4
	OFC	FW	WOE	Brooding of dual purpose backyard poultry	1	1			-	2	3	12	1	7
	OFC	FW	WOE	Vermicompost in livelihood upliftment	1	1	-	-	-	-	-	-	-	25
	OFC	FW	WOE	Supplementary food preparation	1	1	-	-	-	8	-	10	-	7
	OFC	IS	WOE	Value addition of mushroom	1	1	-	-	-	3	-	3	-	4
	OFC	IS	WOE	Nutritional security through mushroom cultivation	1	1	-	-	-	2	-	6	-	2
	OFC	FW	WOE	Income generation through oyster mushroom cultivation by SHG	1	1	-	-	-	1	-	1	9	14
	OFC	FW	WOE	Cultivation of Oyster mushroom	1	1	-	-	1	-	4	1	17	2
	OFC	FW	WOE	Income generation through oyster mushroom cultivation by SHGs	1	1	-	-	-	1	-	-	10	14
	OFC	FW	WOE	Cultivation of oyster mushroom	1	1	-	-	-	4	-	12	-	9

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8			11	12	13	14	9	10
	OFC	RY	WOE	Income generation activities with value addition in tomato	1	1	-	-	-	1	-	-	-	14
	OFC	RY	WOE	Income generation activities with value addition in tomato	1	1	-	-	-	1	-	-	-	14
	ONC	FW	WOE	Scientific layout of nutritional garden	1	1	-	-	-	1	-	9	-	15
	ONC	FW	WOE	Scientific layout of nutritional garden	1	1	-	-	-	-	5	20	-	-
	OFC	FW	CBD	Entrepreneurship development through market led production strategy	4	4	10	5	20	7	42	5	11	
	OFC	FW	CBD	Leadership development through formation of farmers club	4	4	15		27		42	5	6	5
	OFC	FW	CBD	Capacity building of SHG through IGA	1	1		3		4		15		3
	OFC	FW	CBD	Management of community resources	1	1	6		6		11		2	

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					
					SC		ST		Others	
					M	F	M	F	M	F
	Bee-Keeping	Indian honey bee	IGA	1	-	1	-	3	-	11
	Apiculture	Indian honey bee	IGA	1	-	-	15	-	-	-
	Income generation activities with value addition in tomato	Tomato	IGA	2	-	2	-	-	-	28
	Vermicompost production Technology	Vermicompost	Production of Organic inputs				13		2	

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/RY/IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Sundargarh	Scaling of water productivity for livelihood support	Water management		FW	7	28	37		5		8		AICRP	50000

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.)
							Others		SC		ST			
							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	Wilt management in solanaceous vegetables	25	5	35	140	230	140,000	2,30,000	25
Sundargarh	Management of BPH & caseworm in Kharif rice	25	15	70	38	45	41040	48600	45
Sundargarh	Leaf curl management in chilli	25	11	47	28	33	11000	147600	35
Sundargarh	Improved package & practices of onion	25	14	51	180	210	90000	105000	25
Sundargarh	Improved package & practices of tomato	25	10	45	140	190	1,40,000	1,90,000	40
Sundargarh	IWM in Paddy	25	8	37	37	48	39960	51840	30
Sundargarh	INM in Paddy	25	12	60	35	46	37800	49680	25
Sundargarh	Value added products from Tomatoes (sauce, puree & Pickles)	25	25	65	-	-	90,000	1,60,000	40

## 6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topics	Crop Stages
				M	F	M	F	M	F			
Sundargarh	Field day	5	5	145	9	75	21	5	2	Awareness among farmers	Backyard poultry Biological control (Paddy) Weed mgt (groundnut , paddy)	Standing crop and Harvesting stage
Sundargarh	Farmers Seminar											
Sundargarh	Workshop											
Sundargarh	Group meetings	5	4	70	30	240	60	3				
Sundargarh	Lectures delivered as resource persons	10	16	22	9	48	21	2				
Sundargarh	Newspaper coverage	12	12	12	7	36	20					
Sundargarh	Radio talks	4	4	Mass	Mass	Mass	Mass					
Sundargarh	TV talks	6	8	Mass	Mass	Mass	Mass					
Sundargarh	Popular articles	4	4									
Sundargarh	Extension Literature											
Sundargarh	Farm advisory Services	10	10	2	15	6	27	2				
Sundargarh	Scientific visit to farmers field	100	90	90	60	210	40					
Sundargarh	Farmers visit to KVK	500	565									
Sundargarh	Diagnostic visits	15	13	55	10	25	5					
Sundargarh	Exposure visits		6									
Sundargarh	Ex-trainees Sammelan	1	1	25		25				Feed back collection		
Sundargarh	Soil health Camp											
Sundargarh	Animal Health Camp	4	4							Treatment		
Sundargarh	Agri mobile clinic											
Sundargarh	Soil test campaigns											
Sundargarh	Farm Science Club conveners meet											
Sundargarh	Self Help Group conveners meetings	2	2	42	18	68	22			Strengthening of WSHG		
Sundargarh	Mahila Mandals conveners meetings											
Sundargarh	Celebration of important days	3	3									
Sundargarh	Farmer-Scientist Interaction	1	1									

## 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	2008	Quarterly	2000	2000

### 7.2 Literature developed/published

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
KVK Name	Type	Title	Author's name	Number of copies
Sundargarh	leaflets	Baigyanika padhatire mahumachi palan	Dr. Mrs. A Sasmal	1000
Sundargarh	leaflets	Parasrayee kito ra upadeyata	Dr. Mrs. A Sasmal	1000
Sundargarh	leaflets	Palachatu chasa	Mrs. B L Rout	1000
Sundargarh	leaflets	Chinabadam chasa	Mr. S Satapathy	1000

### 7.3 Details of Electronic Media Produced

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

## 8. Production and supply of Technological products

### 8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type hear SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Sundargarh	Cereals	Paddy	Pratikshya	SD	20.0	q	30,000.00 (Stock in hand)	OSSC
Sundargarh								
Sundargarh								
Sundargarh	Vegetable Seedlings	Brinjal	Blue star	PM	2500	Nos	1250.00	15
Sundargarh		Chilli	Tejaswini	PM	3000	Nos	1500.00	42
Sundargarh		Tomato	Giriraj	PM	2000	Nos	1000.00	12
Sundargarh		Cauliflower	Madhuri	PM	1500	Nos	750.00	16
		Cabbage	Savitri	PM	1000	Nos	500.00	9

### 8.2 Planting Material production

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost of inputs	Gross income	

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

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

#### 8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
	<b>Cattle</b>						
	<b>Buffalo</b>						
	<b>Sheep and Goat</b>						
Sundargarh	<b>Poultry</b>	<b>Banaraja</b>	<b>Chicks</b>	<b>250</b>	<b>5000</b>	<b>8000</b>	
	<b>Fisheries</b>						
	<b>Others (Specify)</b>						

#### 9. Activities of Soil and Water Testing Laboratory

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

Year of establishment : -

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

KVK Name	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Sundargarh	soil	16	16	6	-

#### 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/STParticipants		
					Male	Female	Total	Male	Female	Total

### 11. Utilization of Farmers Hostel facilities

Accommodation available (No. of beds) :25

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)
			Crop diversification under Rain fed situation	1	25	1	
			Conservation of Agriculture	1	25	1	
			Vemicompost	1	15	1	
			Crop Diversification	1	25	1	
			Scientific layout of nutritional garden	1	25	1	
			Scientific layout of nutritional garden	1	25	1	
			Bee-keeping	1	15	1	
			Management of disease in chilli	1	25	1	

### 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	1997	22.09.2008	4	5	In habitable condition

### 13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Sundargarh	27.9.11	30	Emphasis on Organic fertilizer production, SRI, Vermicomposting, Crop Diversification, WHS, Fodder cultivation, Greenmanuring, Mushroom cultivation, Banaraja chicks production.

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

KVK Name	No. of messages sent	No. of beneficiary		Major recommendations
		Farmers	Ext. Pers.	
	300	300	14	Disease & pest mgt in Okra, Onion

#### 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	ATMA	Central	1,83,933	Farmer school, Trials	Bhagapali, Bandubahal	
Sundargarh	AICRP	Central	54000	Training	KVK	
Sundargarh	TSP	Central	1,03,300	Demonstration on groundnut	Amasaranga, Tumelbud	
Sundargarh	STCR	Central	-	STCR Trial (Okra)	Amasaranga, Tumelbud	
Sundargarh	RKVY	Central	20,00,000	Infrastructure	KVK	
Sundargarh						

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

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Sundargarh	30773698636	40856	68704	68704

#### 17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Sundargarh	Bijay ku naik	Individual	OUAT	-
Sundargarh	Susanta Kumar Naik	Individual	ICAR	

18. Case study and Success Story – Two best only in the following format

1	Name of the Farmer	Sri Susanta Kumar Naik		
2	Address: i) Village ii) Post iii) Tehsil iv) District v) 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	Paddy 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 adopted, results achieved etc.)	Improved/ present production technologies		
	i) Productivity per bed	Paddy straw	Oyster	
	ii) Cost of production per bed	1.3-1.5 kg	1.2-1.5 kg	
	iii) Net income per bed	Rs.45/-	Rs.35/-	
	iv) Price realized (Rs. per bed)	Rs.150/-	Rs.90/-	
	v) Natural resources saved/ conserved like soil, water etc.	Rs.105/-	Rs.55/-	
		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.		
	vi) 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: i) Village ii) Post iii) Tehsil iv) District v) State	Bhagapalli Rangadhipa Subdega Sundargarh 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.	

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

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

### 20. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Sundargarh	Prof. Dr. D P Ray(VC)	28.2.2012	Satisfactory
sundargarh	Prof. S S Nanda (DEE)	16.1.2012	Satisfactory

21. Status of KVK Website: Available/Not Available:Available

### 22. 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			
Not installed							

## 23. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Gosthies			
	Lectures organized	1	50	
	Exhibition	1	200	
	Film show	1	60	
	Fair	1	150	
	Farm Visit	1	30	
	Diagnostic Practical's			
	Distribution of Literature (No.)	1	500	
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings (No)			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week	1	990	

## 24. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
	Sahabhagi dhan	1ha	10

Major area coverage under alternate crops/varieties

Mane of KVK	Crops	Area (ha)	Number of beneficiaries
	Oilseeds		
	Pulses		
	Cereals		
	Vegetable crops		
	Tuber crops		
	Fruits		
	Spices		
	Cotton		
	<b>Total</b>		

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No.of participants
	Dairy Management	4	58
	Disease management	4	53
	Feed and fodder technology	4	49
	Poultry management	4	21

Animal health camps organised

Name of KVK	Number of camps	No.of animals	No.of farmers
Sundargarh	4	957	181

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
<b>Seedlings</b>				

**Bio-control Agents**

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

**(e) Bio-Fertilizer**

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

**(f) Vermis Produced**

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

**(g) Large scale adoption of resource conservation technologies**

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

**(h) 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

**25. Status of KVK Website:** Already having website/under construction

If available, please provide the address of website: NA

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