

ANNUAL PROGRESS REPORT

April 2013 to March 2014

**KRISHI VIGYAN KENDRA
KIREI, SUNDARGARH – I**

ORISSA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, Bhubaneswar

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REPORTING PERIOD – April 2013 to March 2014
Summary of KVK Annual Report (Quantifiable Achievement) for the year 2013-14

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	13	169	
	On Going OFT	1	13	
	Technologies assessed (Completed OFT)	8	95	
	Technologies refined	-	-	
	On farm trials conducted	9	108	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	24	632	
	On Going Frontline demonstrations	2	10	
	FLDs conducted on crops	13	142	
	Area under crops (ha.)	28.0	142	
	FLD on farm implement and tools	0	0	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	3	250	
	FLD on Fisheries - Finger lings	0	0	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	3	190	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	0	0	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	38	41	945
	Farm women	8	8	200
	Rural youth	1	1	15
	Extension personnel/ In service	2	3	50
	Vocational trainings	3	10	65
	Sponsored Training	1	2	1721
	Total	53	65	2996
		No. of programmes	Participants	
4	Extension Programmes	1002	10080	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	23.27	-	
	Planting material produced (nos.)	388111	3033	
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.)	2208	280
7	Bio Products	Qty	Beneficiaries (nos.)
	Bio Agents -Earth worm (Kg.)	111	82
	Trichoderma (kg.)		
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	2000	36
	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	1
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	8	4000
	KVK News letter	4	2000
	SAC Meetings conducted	1	21
	Soil sample tested	496	312
	Water sample tested		
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)		
	KVK-KMA (Message and beneficiaries)	119	1000
	Convergence programmes	4	-
	Sponsored programmes	1	1721
	KVK Progressive Farmers interaction	4	120
	No. of Technology Week Celebrations	1	3040
	Attended HRD activities organized by ZPD	2	2
	Attended HRD activities organized by DES	3	4
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	-	-
9	Current status of Revolving Funds (Amt. in Rs.)	203706	
10	Outreach of KVK in the District	No. of blocks	No. of villages
		9	224
11	No. of important visitors to KVK (nos.)	ICAR	SAU Others
		4	3 3
12	Status of KVK Website	Working (Yes/No)	No. of Update

		No	2
13	Status of RTI (nos.)	Application received	Application disposed
		0	0
14	Citizen Charter (nos.)	Query received	Query dissolved
		0	0
15	E-connectivity	Working (Yes/No)	No. of programme viewed
		No	0
16	Staff Position	Filled	Vacant
		7	9
	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	0	0
17	Publication received from ICAR /other organization (nos.)	9	
36			
19	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	Particulars	Organization

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	1	6	3	16	7

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
Sundargarh1	Programme Coordinator	Mahamaya Prasad Nayak	Agril. Extension	MSc	Agril Extension	15600-6000-39100	21390	12/9/2012	Temporary	General
Sundargarh1	Subject Matter Specialist1	Satyamaya Satapathy	Agronomy	MSc	Agronomy	15600-6000-39100	17610	16/12/2010	Temporary	General
Sundargarh1	Subject Matter Specialist2	David James Bage	Agril. Extension	MSc	Agril Extension	15600-6000-39100	21390	8/8/2012	Temporary	SC

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
Sundargarh1	Subject Matter Specialist3	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT
Sundargarh1	Subject Matter Specialist4	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT
Sundargarh1	Subject Matter Specialist5	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT
Sundargarh1	Subject Matter Specialist6	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT
Sundargarh1	Programme Assistant	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT
Sundargarh1	Farm Manager	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT
Sundargarh1	Computer Programmer	Arun Kumar Mishra		MCA		9300-4200-43800	14120	1/7/2011	Temporary	General
Sundargarh1	Accountant / superintendent	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT
Sundargarh1	Stenographer	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT
Sundargarh1	Driver	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT	VACANT
Sundargarh1	Driver	Bhramarbar Sa				5200-1900-20000	6110	19/7/2008	Temporary	General
Sundargarh1	Supporting staff	Satyanarayan Pradhan				4440-1300-7440	5180	04/8/2008	Temporary	General
Sundargarh1	Supporting staff	Gajanan Chhand				4440-1300-7440	5580	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.
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	Emphasize on increasing the acreage of the fruit crops like mango, banana on commercial scale .
Sundargarh1	Popularise diversified cropping pattern in uplands (Oilseeds/Pulses/Maize).
Sundargarh1	Popularise integrated weed & nutrient management in crop production .

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	Kutunia,, Kutra
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

2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	No. of trials	Results (q/ha)		Net Returns (Rs./ha)		Recommendations
										FP (T1)	RP (T2)	FP (T1)	RP (T2)	
Sundargarh1	2013	Kharif	Declining yield due to continuous soil erosion in uplands resulting in low nutrient status	Assessment of brown - manuring in upland rice	Assessment	ICM	Rice, Dhanicha	Rainfed upland	13	24.6	28.4	8560	11640	Herbicide to be sprayed at 4 week stage to give knockdown effect to
Sundargarh1	2013	Kharif	Weed problem and problem in marketing of produce (maize)	Assessment of maize + groundnut intercropping	Assessment	ICM	Maize + Groundnut	Rainfed upland	13	33.5	39.2	8100	11700	Technology is sustainable and economically superior
Sundargarh1	2013-14	Rabi	Uneven plant stand and growth, late maturity	Assessment of method of transplanting (1 week old seeding) in maize	Assessment	ICM	Maize	Irrigated medium land	13	37.2	42.5	9400	14700	This farmers innovation works well to reduce maturity period and ensure better income
Sundargarh1	2013-14	Rabi	Low yield of local cv gedu Potal and susceptible is to disease	Assessment of pointed gourd c.v swarna aloukik	Assessment	Varietal evaluation	Pointed gourd	Irrigated upland	13	Results awaited				Planting be completed by end of November to have early fruiting
Sundargarh1	2013-14	Rabi	Low yield of local variety	Assessment of garlic variety Yamuna Safed	Assessment	Varietal evaluation	Garlic	Irrigated medium land	13	27	34	103500	141700	Technology refinement is required with respect to time of planting

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 (T1)	RP (T2)	FP (T1)	RP (T2)	Refined Practice, if any (T3)	FP (T1)	RP (T2)	Refined Practice, if any (T3)	FP (T1)	RP(T2)	Refined Practice, if any (T3)	FP (T1)	RP (T2)	Refined Practice, if any (T3)
Sundargarh1	Assessment of brown manuring in upland rice	EBT/m2 Nos 1000 Test wt g Yield q/ha	199.2 22 24.6	248.6 23 28.4	18500	19600		27060	31240		8560	11640		1.46	1.59	
Sundargarh1	Assessment of maize+ groundnut intercropping	Avg cob wt g Cobs/plant Nos Yield q/ha	220 33.5	270 32 39.2 (Maize Yield 25.4 G.Nut-4.6 i.e 13.8 eq yield)	25400	27500		33500	39200		8100	11700		1.32	1.42	
Sundargarh1	Assessment of method of transplanting(1 week old seeding) in maize	Plant ht. cm Cobs/m2 Nos Grains/row nos	180 5.7 21 37.2	192 8 24 42.5	27500	27800		37200	42500		9400	14700		1.35	1.52	
Sundargarh1	Assessment of pointed gourd c.v swarna aloukik	-Fruit wt No of fruit/plant Yield q/ha	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sundargarh1	Assessment of garlic variety Yamuna Safed	Bulb wt g Clove./Bulb Nos Yield q/ha	5.4 11.6 27.0	6.8 12.2 34.0	58500	62300		162000	204000		103500	141700		2.76	3.27	

2.3 Information about Home Science OFT:

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
Sundargarh 1	2013	Kharif	Poor availability of stiff bundle straw of rice	Assessment of loose (Threshed) rice straw for rice straw mushroom production	Assessment	IGA	Use of threshed rice straw for straw mushroom production	Because of poor lignin content of loose straw soaking period to 8 hrs in place of 12 hrs in case of bundle straw is modulated	Homestead	13	Reduction of soaking time from 12 to 8 hrs and controlled watering during fruiting stage can ensure better fruiting
Sundargarh1	2013	Kharif	Low germination & high mortality rate of seedlings	Assessment of low cost poly tunnel for off-season nursery raising	Assessment	IGA	Raising of seedlings in a bed size of 6ft length 3' width covered under a low poly tunnels.	Low cost poly tunnel can cover the bed at 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.	Homestead	13	The low cost poly tunnel can be used for raising quality seedling during rainy as well as winter days.
Sundargarh1	2013-14	Rabi	Less production of straw mushroom due to low temperature, low humidity during winter, Less demand of oyster mushroom .	Assessment of low cost poly house for rice straw mushroom production during winter	Assessment	IGA	Use of low cost bamboo structure in poly house construction, use of sand bed to regulate the temperature & humidity and use of exhaust fan to let out hot air.	Construction of 20ft length, 10ft width & 9ft height low cost poly house for straw mushroom cultivation under partially controlled condition.	Homestead	4	This technology is cost effective and ensure straw mushroom production during off season.
Sundargarh1	2013-14	Round the year	Poor growth and egg laying capacity of desi poultry birds	Assessment of Rainbow rooster poultry in backyard	Assessment	IGA	Backyard poultry rainbow rooster with proper brooding management	Dual purpose bird, egg laying capacity 160-180 nos, attain body wt. 1.5 to 1.6 kg wt. in 8 weeks. Look similar to desi birds	backyard	13	The birds can be reared in backyard in place of desi birds with proper vaccination during brooding period

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		Savings in Rs	BC ratio		
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2				
Sundargarh 1	Assessment of loose (Threshed) rice straw for rice straw mushroom production											9.0kg	8.0kg	520	420	1080	960	0.9kg/bed	0.8kg/bed	560	540	100	2.28		
Sundargarh1	Assessment of low cost poly tunnel for off-season nursery raising											480 seedlings/bed	1560 seedlings/bed	100	270	240	780	480/unit	1560/unit	140	510	-170	2.88		
Sundargarh1	Assessment of low cost poly house for rice straw mushroom production during winter											-	264kg/unit	-	23288	-	39600	-	0.9kg	-	16312	-	1.70		
Sundargarh1	Assessment of Rainbow rooster poultry in backyard											16.5	32	120	750	2475	3840	1.65	3.2	2355	3090	-	5.12		

Feedback from KVK to Research System

Name of KVK	Feedback
Sundargarh 1	Generate database on seed rate of dhanicha, time, category and dose of herbicide application to have a flexibility in technology use
Sundargarh 1	Sowing window to be standardized
Sundargarh 1	INM need to be standardized in transplanted maize
Sundargarh 1	Validation of planting method and nutrition management for different planting windows

3. Achievements of Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during 2012-13

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/ nos of Units
Sundargarh 1	Maize	Weed management	Application of Atrazine 50%WP @ 0.5kg a.i. per ha with one hand weeding	Training demonstration, field day Radio talk.	7	42	61
Sundargarh 1	Blackgram	Weed management	Imazethapyr 10%SL	Training demonstration, field day Radio talk, Tv talk	21	65	211
Sundargarh 1	Rice	Varietal Replacement	New introduction of drought tolerant variety	Training demonstration, field day farm literature	24	212	352
Sundargarh 1	Rice	Varietal Replacement	New introduction of high yielding variety	Training demonstration, field day Radio talk.	18	36	156
Sundargarh 1	Rice	Varietal Replacement	Introduction of HYB rice	Training demonstration, field day Radio talk, Tv talk	12	57	34
Sundargarh 1	Indian honeybee	IGA	Scientific method of rearing	Training demonstration, field day, popular article	5	24	52
Sundargarh 1	Okra	Varietal Replacement	YVM tolerant variety introduction	Training demonstration, field day farm literature, popular articles	16	78	119
Sundargarh 1	Pumpkin	Varietal Replacement	Application of plant growth regulator Ethrel @ 200ppm twice at 2 & 4 leave stages	Training demonstration, field day Radio talk.	72	256	54
Sundargarh 1	Poultry	IGA	Brooding for 3 weeks with nutrition management & vaccination of chicks	Training demonstration, field day , farmer interaction	7	16	42
Sundargarh 1	Ricestraw	IGA	Use of wheat bran as substrate for rice straw mushroom cultivation.	Training demonstration, field day , farm literature	32	10	70

Sundargarh 1	Papaya	Varietal replacement	Introduction of honeydew variety	Training demonstration, field day farm literature	52	138	73
Sundargarh 1	Vermicompost	IGA	Use of earthworm for compost preparation	Training demonstration, field day, Tv talk	12	36	29

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, Rice 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 (T1)	RP (T2)		SC	ST	Others	General	Total
Sundargarh 1	Kharif	2013	ICM	Demonstration of rice hybrid Rajalaxmi	Rice	Rajalaxmi	2.0	45.8	58.5	27.72	3	7			10
Sundargarh 1	Kharif	2013	ICM	Demonstration of tomato c.v. Utkal Pragya	Tomato	Utkal Pragya	1.0	285.8	312.5	9.34	0	7	3		10
Sundargarh 1	Kharif	2013	ICM	Demonstration of tuber crop yam c.v. Orissa elite	Yam	Orissa elite	0.4	176.4	215.8	22.3	1	8	1		10
Sundargarh 1	Pre rabi	2013-14	Crop diversification	Off-season cauliflower cultivation	Cauliflower	White short	0.4	New	142.8		0	2	8	0	10
Sundargarh 1	Rabi	2013-14	Crop diversification	Demonstration of sweet corn	Maize	Sugar 75	2.0ha	143.8	125.6	-14.5	0	5	5	0	10
Sundargarh 1	Rabi	2013-14	INM	INM in wheat	Wheat	Sonalika	1.0ha	28.5	31.2	9.47	2	6	2		10
Sundargarh 1	Rabi	2013-14	Varietal replacement	Demonstration of onion c.v. Bhima super during pre-rabi season	Onion	Bhima super	0.4ha	220	265.4	20.6	0	10	0		10
Sundargarh 1	Rabi	2013-14	IGA	Vermiculture production for income generation of farm women	Vermicomposting	Eisenia foetida	10 units	Cont.				2	8	0	10
Sundargarh 1	Rabi	2013-14	Exotic crop	Cultivation of exotic vegetable broccoli	Broccoli	Green Giant	0.4ha	New	138			8	1	1	10

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 (T1)	RP (T2)		SC	ST	Others	General	Total
Sundargarh 1	Kharif	2013	ICM	Cultivation of Sweet potato c.v. kisan	Sweet potato	Kisan	0.4 ha	95.2	135.4	42.2		10	0	0	10
Sundargarh1	Kharif	2013	ICM	Package demonstration of Blackgram	Blackgram	TU 94-2	5.0	8.2	10.2	24.39		13			13
Sundargarh1	Kharif	2013	ICM	Packagedemonstration of sesamum	Sesamum	Nirmala	5.0	5.5	7.7	40		13			13
Sundargarh1	Kharif	2013	ICM	Package demonstration of Mustard	Mustard	Anuradha	5.0	9.7	11.8	21.64		13			13
Sundargarh1	Rabi	2013-14	ICM	Package demonstration of Green gram	Green gram	HUM-12	5.0	8.4	10.2	21.42		13			13
Sundargarh1	Rabi	2013-14	IGA	Demonstration of Oyster Mushroom	Mushroom	Pleurotus Sajorcaju	1200	1.7 kg/ bed	1.85kg/bed	8.82		60			60
Sundargarh1	Kharif & Rabi	2013-14	IGA	Demonstration of Vermicomposting	Vermicomposting	Eisenia foetida	60		Continuing			60			60
Sundargarh1	Kharif & Rabi	2013-14	IGA	Demonstration of backyard poultry	Poultry	Rainbow Rooster & Vanraja	1920	1.78	3.26	83.14		240			240
Sundargarh1	Kharif & Rabi	2013-14	IGA	Breed upgradation & nutrient management in Goatery	Goatery	Beetal/ Jamunapari	120		Continuing			120			120

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 (T1)	RP (T2)	FP (T1)	RP (T2)	FP (T1)	RP (T2)	FP (T1)	RP (T2)	FP (T1)	RP (T2)
Sundargarh 1	Demonstration of rice hybrid Rajalaxmi	Rice	EBT/m2 Nos 1000 test wt. g Yield q/ha	275.5 24 45.8	325 25.5 58.5	30100	33200	54960	70200	24860	37000	1.82	2.11
Sundargarh 1	Demonstration of tomato c.v. Utkal Pragya	Tomato	Fruit wt g Fruits/plant Nos Yield q/ha	40.2 57.3 285.8	42.3 61.5 312.5	63500	67600	142900	156250	79400	88650	2.25	2.31
Sundargarh 1	Demonstration of tuber crop yam c.v. Orissa elite	Yam	Tuber wt kg Yield q/ha	1.8 176.40	2.2 215.8	93000	98000	211680	258960	118680	160900	2.28	2.64
Sundargarh 1	Off-season cauliflower cultivation	Cauliflower	Head size g Yield q/ha	-	260 142.8	-	78,500	-	2,85,600	-	2,07,100	-	3.64
Sundargarh 1	Demonstration of sweet corn	Maize	Yield of green cob q/ha	143.8	125.6	43100	47500	115040	150720	71940	103220	2.67	3.17
Sundargarh 1	INM in wheat	Wheat	EBT/m2 Nos Yield q/ha	228.3 28.5	234.2 31.2	21500	22400	37050	40560	15550	18160	1.72	1.81

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 (T1)	RP (T2)	FP (T1)	RP (T2)	FP (T1)	RP (T2)	FP (T1)	RP (T2)	FP (T1)	RP (T2)
Sundargarh 1	Demonstration of onion c.v. Bhima super during pre-rabi season	Onion	Bulb wt. g Yield q/ha	44 220	59 265.4	81800	82500	220000	265400	138200	182900	2.69	3.21
Sundargarh 1	Vermiculture production for income generation of farm women	vermiculture	continuing	-	-	-	-	-	-	-	-	-	-
Sundargarh 1	Cultivation of exotic vegetable broccoli	Broccoli	Head size g Yield q/ha	-	410 138	-	94500	-	345000	-	250500	-	3.65
Sundargarh 1	Cultivation of Sweet potato c.v. kisan	Sweet potato	Avg tuber wt g Yield q/ha	225 95.2	176 135.4	29200	32100	47600	67700	18400	35600	1.63	2.11
Sundargarh 1	Package demonstration of Black gram	Black gram	Pods/plant Nos Yield q/ha	38.4 8.2	49.6 10.2	16550	18500	36900	45900	20350	27400	2.22	2.45
Sundargarh 1	Package demonstration of sesamum	Sesamum	Pods/plant Nos Yield q/ha	36.3 5.5	55.5 7.7	14600	16100	22000	30800	7400	14700	1.51	1.91
Sundargarh 1	Package demonstration of Mustard	Mustard	Siliqua /plant Nos Yield q/ha	82.5 9.7	122.3 11.8	18500	23200	30900	43500	12400	20300	1.67	1.87
Sundargarh 1	Package demonstration of Green gram	Green gram	Pods/plant Nos Yield q/ha	22.5 8.4	32.5 10.2	15300	16500	43680	53040	28380	36540	2.85	3.21

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 (T1)	RP (T2)	FP (T1)	RP (T2)	FP (T1)	RP (T2)	FP (T1)	RP (T2)	FP (T1)	RP (T2)
Sundargarh 1	Demonstration of oyster mushroom	Oyster mushroom	Yield /bed	1.7	1.85	33	33	102	111	69	78	3.09	3.36
Sundargarh 1	Demonstration on vermicomposting	Vermicomposting	Yield per bed No of cycles/year	continuing	-	-	-	-	-	-	-	-	-
Sundargarh 1	Demonstration of Backyard poultry	Poultry	Growth at 6 months	1.78	3.26	12	75	267	391	255	316	22.25	5.21
Sundargarh 1	Demonstration on breed upgradation and nutrient management in goat	Goatery	No of	continuing	-	-	-	-	-	-	-	-	-

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
Sundargarh 1	2013-14	Rabi	IGA	Poor income of farm	Vermiculture production for income	Vermiculture production	Eisenia foetida	Homestead	10	10

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
				families, low availability of vermi culture	generation of farm women					

3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	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	T1	T2				
Sundargarh 1	Vermiculture production for income generation of farm women	contig	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

3.6 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Sundargarh1	Rice	Field days	2	120	
Sundargarh 1	Rice	Farmers Training	5	125	
Sundargarh 1	Rice	Media coverage	1		
Sundargarh 1	Rice	Training for extension functionaries			
Sundargarh 1	Tomato	Field days	1	50	
Sundargarh 1	Tomato	Farmers Training	1	25	
Sundargarh 1	Tomato	Media coverage			
Sundargarh 1	Tomato	Training for extension functionaries			
Sundargarh 1	Yam	Field days	1	45	

Sundargarh 1	Yam	Farmers Training	1	25	
Sundargarh 1	Yam	Media coverage			
Sundargarh 1	Yam	Training for extension functionaries			
Sundargarh 1	Cauliflower	Field days	1	50	
Sundargarh 1	Cauliflower	Farmers Training	1	20	
Sundargarh 1	Cauliflower	Media coverage			
Sundargarh 1	Cauliflower	Training for extension functionaries			
Sundargarh 1	Maize	Field days	1	50	
Sundargarh 1	Maize	Farmers Training	3	70	
Sundargarh 1	Maize	Media coverage			
Sundargarh 1	Maize	Training for extension functionaries			
Sundargarh 1	Wheat	Field days	1	40	
Sundargarh 1	Wheat	Farmers Training	1	25	
Sundargarh 1	Wheat	Media coverage			
Sundargarh 1	Wheat	Training for extension functionaries			
Sundargarh 1	Onion	Field days	1	60	
Sundargarh 1	Onion	Farmers Training	2	50	
Sundargarh 1	Onion	Media coverage	1		

Sundargarh 1	Onion	Training for extension functionaries			
Sundargarh 1	Vermiculture	Field days			
Sundargarh 1	Vermiculture	Farmers Training	1	25	
Sundargarh 1	Vermiculture	Media coverage			
Sundargarh 1	Vermiculture	Training for extension functionaries			
Sundargarh 1	Broccoli	Field days			
Sundargarh 1	Broccoli	Farmers Training	1	25	
Sundargarh 1	Broccoli	Media coverage	1		
Sundargarh 1	Broccoli	Training for extension functionaries	1	18	
Sundargarh 1	Sweet potato	Field days			
Sundargarh 1	Sweet potato	Farmers Training	1	25	
Sundargarh 1	Sweet potato	Media coverage			
Sundargarh 1	Sweet potato	Training for extension functionaries			
Sundargarh 1	Blackgram	Field days	1	60	
Sundargarh 1	Blackgram	Farmers Training	1	25	
Sundargarh 1	Blackgram	Media coverage			
Sundargarh 1	Blackgram	Training for extension functionaries			
Sundargarh 1	Sesamum	Field days	1	45	

Sundargarh 1	Sesamum	Farmers Training	1	25	
Sundargarh 1	Sesamum	Media coverage			
Sundargarh 1	Sesamum	Training for extension functionaries			
Sundargarh 1	Mustard	Field days	1	50	
Sundargarh 1	Mustard	Farmers Training	1	20	
Sundargarh 1	Mustard	Media coverage			
Sundargarh 1	Mustard	Training for extension functionaries			
Sundargarh 1	Green gram	Field days	1	60	
Sundargarh 1	Green gram	Farmers Training	1	20	
Sundargarh 1	Green gram	Media coverage			
Sundargarh 1	Green gram	Training for extension functionaries			
Sundargarh 1	oyster mushroom	Field days			
Sundargarh 1	oyster mushroom	Farmers Training	6	150	
Sundargarh 1	oyster mushroom	Media coverage			
Sundargarh 1	oyster mushroom	Training for extension functionaries			
Sundargarh 1	vermicomposting	Field days	1	50	
Sundargarh 1	vermicomposting	Farmers Training	1	25	
Sundargarh 1	vermicomposting	Media coverage	1		

Sundargarh 1	vermicomposting	Training for extension functionaries			
Sundargarh 1	poultry	Field days			
Sundargarh 1	poultry	Farmers Training	6	150	
Sundargarh 1	poultry	Media coverage			
Sundargarh 1	poultry	Training for extension functionaries			

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.
	Sundargarh1	Rice	Rajalaxmi	CRRI, CUTTACK	10	2.0
	Sundargarh1	Cauliflower	Hemalata	INDAM	10	0.4
	Sundargarh1	Maize(maize)	Sugar 75	SYNGENTA, INDIA	10	2.0
	Sundargarh1	Brocoli	Green giant	Demand agro seeds	10	0.4

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
Sundargarh1	Assessment 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
Sundargarh1	Assessment 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

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption areas
Sundargarh1	Assessment 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
Sundargarh1	Assessment 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
Sundargarh1	Assessment of garlic variety Yamuna Safed	Through farmer promoters, Personal Interaction, GD	More yield than the local variety	Needs refinement regarding time of planting for higher productivity
Sundargarh1	Assessment of loose (Threshed) rice straw for rice straw mushroom production	Through farmer promoters, Personal Interaction, GD	More income with cheaply available material	Can be adopted in areas where rice straw bundles are not available
Sundargarh1	Assessment 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.
Sundargarh1	Assessment of low cost poly house for rice straw mushroom production during winter	Through farmer promoters, Personal Interaction, GD	More income as higher price of rice straw mushroom in winter with cheaper production cost	Can be adopted by farm entrepreneur/ mushroom growers
Sundargarh1	Assessment of Rainbow rooster poultry in backyard	Through farmer promoters, Personal Interaction, GD	Poultry close resemblance to local chicken	Can take place of local desi birds
Sundargarh1	Demonstration of rice hybrid Rajalaxmi	Through farmer promoters, Personal Interaction, GD	More income as higher yield	Can be adopted in medium-low land areas
Sundargarh1	Demonstration of tomato c.v. Utkal Pragya	Through farmer promoters, Personal Interaction, GD	More income higher yield	Can be adopted in irrigated medium land

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Sundargarh1	Demonstration of tuber crop yam c.v. Orissa elite	Through farmer promoters, Personal Interaction, GD	Gives yield per year as compared to the local variety which gives yield every 2 years	Can be adopted
Sundargarh1	De-worming of goat kids	Through farmer promoters, Personal Interaction, GD	Low mortality and better growth	Farmers showed positive attitude towards the technology
Sundargarh1	Off-season cauliflower cultivation	Through farmer promoters, Personal Interaction, GD	Better price and more income	Can be adopted in irrigated upland conditions
Sundargarh1	Demonstration of sweet corn	Through farmer promoters, Personal Interaction, GD	More income	Can be adopted in increasing income in more urban areas of the district
Sundargarh1	INM in wheat	Through farmer promoters, Personal Interaction, GD	More yield and income	Can be adopted for more yield
Sundargarh1	Demonstration of onion c.v. Bhima super during pre-rabi season	Through farmer promoters, Personal Interaction, GD	More income	Can be adopted in upland areas with irrigation
Sundargarh1	Vermiculture production for income generation of farm women	Through farmer promoters, Personal Interaction, GD	More income	Demonstration still Continuing farmers showed positive response to the technology
Sundargarh1	Cultivation of exotic vegetable broccoli	Through farmer promoters, Personal Interaction, GD	More income	Can be adopted in irrigated upland conditions nearer to urban areas
Sundargarh1	Cultivation of Sweet potato c.v. kisan	Through farmer promoters, Personal Interaction, GD	Higher yield	Farmers showed positive attitude towards the

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
				technology
Sundargarh1	Package demonstration of Blackgram	Through farmer promoters, Personal Interaction, GD	Higher yield and income	Can be adopted in upland areas
Sundargarh1	Package demonstration of sesamum	Through farmer promoters, Personal Interaction, GD	Higher income	Farmers showed positive attitude towards the technology
Sundargarh1	Package demonstration of Mustard	Through farmer promoters, Personal Interaction, GD	Higher yield and income	Can be adopted in upland conditions nearer to urban areas
Sundargarh1	Package demonstration of Green gram	Through farmer promoters, Personal Interaction, GD	Higher yield and income	Can be adopted in irrigated upland and medium areas
Sundargarh1	Demonstration of oyster mushroom	Through farmer promoters, Personal Interaction, GD	Higher income and nutritional value	Can be adopted in homestead situations providing more income and nutritional value to the family
Sundargarh1	Demonstration of Backyard poultry	Through farmer promoters, Personal Interaction, GD	Higher income and nutritional value	Can be adopted in homestead situations providing more income and nutritional value to the family
Sundargarh1	Demonstration on vermicomposting	Through farmer promoters, Personal Interaction, GD	Higher income and compost	Can be adopted in homestead situations providing more income and nutritional value to the family
Sundargarh1	Demonstration on breed upgradation	Through farmer	Higher income and nutritional	Can be adopted in

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
	and nutrient management in goat	promoters, Personal Interaction, GD	value	homestead situations providing more income and nutritional value to the family

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Sundargarh1	

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
Sundargarh1	FW	PRA, Diagonstic visit, Field visit	23/4/13 – Amasaranga & Tileimalti 20/6/13 – Salepali	92
Sundargarh1	RYH	TNA through group discussion observation & questionnaire	9/5/13 – Khamarbahal	44
Sundargarh1	IS	DAO Conference, Meeting with line Dept. officials	6/4/13 – 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
Sundargarh1	FW	OFC	CP	Suitable intercropping in maize	1	1	0	0	2	2	2	6	10	3
Sundargarh1	FW	OFC	CP	Arhar based intercropping	1	1	0	0	2	0	16	0	7	0
Sundargarh1	FW	OFC	CP	Scientific method of maize cultivation	1	1	0	0	3	0	13	5	4	0
Sundargarh1	FW	OFC	CP	Integrated Weed management in rice	1	2	0	0	1	1	7	13	1	2
Sundargarh1	RY	ONC	CP	Vermicomposting	1	1	0	0	1	1	11	0	2	0
Sundargarh1	FW	OFC	CP	Method of weedicide application in controlling weed in transplanted rice	1	1	0	0	6	0	15	4	0	0
Sundargarh1	FW	OFC	CP	Scientific methods of sesamum production	1	1	0	0	5	2	15	3	0	0
Sundargarh1	FW	OFC	CP	Scientific method of sweet corn cultivation	1	1	0	0	2	0	19	4	0	0
Sundargarh1	FW	OFC	CP	Scientific method of garlic cultivation	1	1	0	0	0	1	16	0	8	0
Sundargarh1	FW	OFC	CP	Scientific method of cucurbits cultivation	1	1	0	0	3	5	12	5	0	0
Sundargarh1	FW	OFC	CP	Preparation and management of nursery beds	1	2	0	0	1	1	12	2	4	0
Sundargarh1	IS	ONC	CP	Integrated farming system approach	1	2	0	0			10	0	12	3

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
Sundargarh1	FW	OFC	CP	Crop diversification in upland	1	1	0	0	0	0	7	0	18	0
Sundargarh1	IS	ONC	CP	Conservation agriculture through zero tillage and minimum tillage	1	1	0	0	0	0	15	0	7	3
Sundargarh1	FW	OFC	CP	Seed treatment : chemicals and methods	1	1	0	0	0	0	16	3	6	0
Sundargarh1	FW	OFC	CP	Soil fertility and its management	1	1	0	0	2	0	12	0	11	0
Sundargarh1	FW	OFC	CP	Hybrid rice cultivation	1	1	0	0			21	0	4	0
Sundargarh1	FW	OFC	CP	SRI method of rice cultivation	1	1	0	0	3		12	8	2	
Sundargarh1	FW	ONC	CP	Cultivation techniques of pointed gourd	1	1	0	0	3	2	11	0	9	0
Sundargarh1	FW	OFC	WOE	Layout and Scientific Planning of Nutritional Garden in backyard.	1	1	0	0	0	11	0	2	0	12
Sundargarh1	FW	OFC	WOE	Straw mushroom cultivation	1	1	0	0			10	13	2	0
Sundargarh1	FW	OFC	WOE	Scientific management of Goatery	1	1	0	0	0	2	14	5	2	2
Sundargarh1	FW	OFC	WOE	Scientific method of backyard poultry	1	1	0	0	0	6	0	17	0	2
Sundargarh1	FW	OFC	WOE	Value addition in bamboo shoots.	1	1	0	0	1	5	1	15	1	2
Sundargarh1	FW	OFC	WOE	Preparation of value	1	1	0	0	0	1	1	6	0	17

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
				added products from lemon for income generation										
Sundargarh1	FW	OFC	WOE	Vermiculture for income generation of farm women	1	1	0	0	0	0	0	25	0	0
Sundargarh1	FW	OFC	WOE	Nursery Raising for off season vegetable cultivation.	1	1	0	0	1	7	4	4	5	4
Sundargarh1	FW	OFC	CBD	Agri based self employment opportunities	1	1	0	0			25			
Sundargarh1	FW	OFC	CBD	Formation & Management of SHG's	1	1	0	0			25			
Sundargarh1	FW	OFC	CP	Land preparation, sowing, weedicide appln & fertilizer mgt in Blackgram	1	1	0	0	0	0	25	0	0	0
Sundargarh1	FW	OFC	CP	Land preparation, sowing & fertilizer mgt in sesamum	1	1	0	0	0	0	25	0	0	0
Sundargarh1	FW	OFC	CP	Pest & disease mgt. in blackgram	1	1	0	0	0	0	25	0	0	0
Sundargarh1	FW	OFC	CP	Pest & disease mgt. in sesamum	1	1	0	0	0	0	25	0	0	0
Sundargarh1	FW	OFC	CP	Land preparation, sowing, weedicide appln & fertilizer mgt in mustard	1	1	0	0	0	0	25	0	0	0
Sundargarh1	FW	OFC	CP	Land preparation, sowing & fertilizer	1	1	0	0	3	0	22	0	0	0

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
				mgt in greengram										
Sundargarh1	FW	OFC	CP	Pest & disease mgt. in mustard	1	1	1	0	3	0	21	0	0	0
Sundargarh1	FW	OFC	CP	Pest & disease mgt. in greengram	1	1	0	0	0	0	25	0	0	0
Sundargarh1	FW	OFC	CP	Production techniques of Oyster mushroom	6	6	0	0			42	108		
Sundargarh1	FW	OFC	LPM	Backyard poultry mgt.	6	6	0	0			29	121		

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	
Sundargarh1	Method of preparation of different types of compost and fortification	Vermicompost	Organic input production	4	2		1		21			1	
Sundargarh1	Maintenance of power operated implements and machineries	Farm mechanization	Farm mechanization	3			11		11			3	
Sundargarh1	Nursery management	Vegetable	ICM	3			2		11			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	
Sundargarh1	Training for farmers and	Production	240		70

	farmer promoters on backyard poultry				
Sundargarh1	Training of farmers and promoters on Mushroom	Production	40		12
Sundargarh1	Training of farmers and promoters on Vermicompost & Vermiculture	Vermitank & Hatchery	70		90

Table 5.4. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Sundargarh1	Tribal farmers training programme on Potato	CRP		FW	2	1	32	26	265	172	122	89	680	335	CPRI, Shimla	Nil

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

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Sundargarh1																
Sundargarh1																

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 Area expanded (ha) No. of farmers adopted (no.) % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Sundargarh1	Suitable intercropping in maize	25	20	80					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 80 3 % change in knowledge, production & income 300
Sundargarh1	Arhar based intercropping	25	18	75					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 542 3 % change in knowledge, production & income 316
Sundargarh1	Scientific method of maize cultivation	25	22	75					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income 241
Sundargarh1	Integrated Weed management in rice	25	22	78					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income 255

Sundargarh1	Vermicomposting	25	10	75					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	650
Sundargarh1	Method of weedicide application in controlling weed in transplanted rice	25	25	85					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	240
Sundargarh1	Scientific methods of sesamum production	25	45	75					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	67
Sundargarh1	Scientific method of sweet corn cultivation	25	35	72					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	106
Sundargarh1	Scientific method of garlic cultivation	25	20	75					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	275

Sundargarh1	Scientific method of cucurbits cultivation	25	46	86					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	87
Sundargarh1	Preparation and management of nursery beds	25	45	78					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	73
Sundargarh1	Integrated farming system approach	25	24	46					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	92
Sundargarh1	Crop diversification in upland	25	22	78					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	255
Sundargarh1	Conservation agriculture through zero tillage and minimum tillage	25	22	78					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	255

Sundargarh1	Seed treatment : chemicals and methods	25	25	75					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	300
Sundargarh1	Soil fertility and its management	25	45	75					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	67
Sundargarh1	Hybrid rice cultivation	25	45	85					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	89
Sundargarh1	SRI method of rice cultivation	25	22	60					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	173
Sundargarh1	Cultivation techniques of pointed gourd	25	35	78					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	123

Sundargarh1	Layout and Scientific Planning of Nutritional Garden in backyard.	25	45	78					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	73
Sundargarh1	Rice straw mushroom cultivation	25	56	78					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	39
Sundargarh1	Scientific management of Goatery	25	24	56					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	133
Sundargarh1	Scientific method of backyard poultry	25	24	56					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	133
Sundargarh1	Value addition in bamboo shoots.	25	45	78					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	73

Sundargarh1	Preparation of value added products from lemon for income generation	25	36	54					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	50
Sundargarh1	Vermiculture for income generation of farm women	25	45	68					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	51
Sundargarh1	Nursery Raising for off season vegetable cultivation.	25	24	78					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	255
Sundargarh1	Agri based self employment opportunities	25	32	78					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	144
Sundargarh1	Formation & Management of SHG's	25	14	89					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	536

Sundargarh1	Land preparation, sowing, weedicide appln & fertilizer mgt in Blackgram	25	52	88					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	69
Sundargarh1	Land preparation, sowing & fertilizer mgt in sesamum	25	56	73					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	30
Sundargarh1	Pest & disease mgt. in blackgram	25	44	89					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	102
Sundargarh1	Pest & disease mgt. in sesamum	25	35	78					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	123
Sundargarh1	Land preparation, sowing, weedicide appln & fertilizer mgt in mustard	25	45	88					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	96

Sundargarh1	Land preparation, sowing & fertilizer mgt in greengram	25	56	75					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	34
Sundargarh1	Pest & disease mgt. in mustard	25	45	89					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	98
Sundargarh1	Pest & disease mgt. in greengram	25	44	65					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	48
Sundargarh1	Production techniques of Oyster mushroom	25	44	78					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	77
Sundargarh1	Backyard poultry mgt.	25	44	89					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	102

Sundargarh1	Scientific floriculture	25	45	56					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	24
Sundargarh1	Method of preparation of different types of compost and fortification	25	34	46					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	35
Sundargarh1	Maintenance of power operated implements and machineries	25	24	72					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	200
Sundargarh1	Nursery management	15	44	76					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	73
Sundargarh1	Training for farmer promoters on backyard poultry	25	44	78					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	77

Sundargarh1	Training of farmers promoters on Mushroom	25	21	48					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	129
Sundargarh1	Training of farmers promoters on Vermicompost & Vermiculture	25	31	46					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	48
Sundargarh1	Tribal farmers traininig programme on Potato	1721	38	75					1 Area expanded (ha) 2 No. Of farmers adopted (No.) 3 % change in knowledge, production & income	97

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			
Sundargarh1	Field Day	22	13	114	22	466	78	11	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
Sundargarh1	Kisan Mela	2	2	250	56	758	194	59	34	Emphasize interaction and exchange of information among participants	Tribal livelihood and food security – challenges and opportunities.	
Sundargarh1	Kisan Ghosthi	2	4	36	12	23	9	2	4	Gathering for technical interaction, improve group cohesion & keep all group members abreast of recent advancement	Pre and post production management in livelihood sector	
Sundargarh1	Exhibition	4	4							Presentation & display of best technologies	Value addition from agri produce	
Sundargarh1	Film Show	16	18	114	12	167	38	36	19	Knowledge & skill development of farmers	Vermicompost, SRI, Value addition, Mushroom, Blackgram herbicide application,	
Sundargarh1	Method	26	26	82	34	212	65	11	3	Understanding of	SRI, Line	

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			
	Demonstrations									process, component of new technology & their mgt.	transplanting, sowing, herbicide application, value addition, vermiculture	
Sundargarh1	Farmers Seminar	2	2	24	4	71	12	8	3	Bringing together of small groups for focusing on a particular subject	1. Climatic change 2. Crop Diversification	
Sundargarh1	Workshop	2	-							Emphasize interaction and exchange of information among participants		
Sundargarh1	Group meetings	4	6	87	27	176	34	12	8	Gathering for technical interaction, improve group cohesion & keep all group members abreast of recent advancement	Cultivation practices of cereals, pulses, oilseed, vegetables & enterprise	
Sundargarh1	Lectures delivered as resource persons	0	12	296	84	424	86	62	45	Knowledge & skill development	Hybrid maize cultivation, mustard, SRI, hybrid rice, Oyster mushroom cultivation	
Sundargarh1	Newspaper coverage	10	14							Publicity	Kisan mela, Special day celebration	
Sundargarh1	Radio talks	12	3							Awareness, information	Apiculture, IFS, hybrid maize	

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			
											cultivation	
Sundargarh1	TV talks	4	7							Awareness, information	Crop seminar	
Sundargarh1	Popular articles	2	11							Publicity	Maize cultivation, ICT, agromet advisory	
Sundargarh1	Extension Literature	10	8							Knowledge & skill development	Role of organic agriculture, Use of IT in agriculture, Soil health mgt.	
Sundargarh1	Farm advisory Services	200	134	426	112	721	217					
Sundargarh1	Scientific visit to farmers field	200	167	669	22	727	75			Monitoring and evaluation	Cereals, pulses, oilseed vegetables, enterprise	
Sundargarh1	Farmers visit to KVK	0	525	181	63	258	23	-	-	Information seeking, problem solving, trainings, capacity development	Crop improvement, crop mgt., IGA, weather information	
Sundargarh1	Diagnostic visits	20	13	86	12	196	21			Monitoring and evaluation	Pest & disease incidence,	
Sundargarh1	Exposure visits	10	7	132	4	126	29			Learn from experience from others	Brooding of chicks, vermicultrure, rice straw mushroom in polyhouse	
Sundargarh1	Ex-trainees Sannelan	8	4	78	45	138	74	14	6	Emphasize interaction and exchange of information among participants	Mushroom production, backyard poultry production	
Sundargarh1	Soil health Camp	2	0									

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			
Sundargarh1	Animal Health Camp	4	7	91	2	291	1	16	1	To keep animal resources healthy & productive	Periodic health check-up & vaccination	
Sundargarh1	Agri mobile clinic	4										
Sundargarh1	Soil test campaigns	10	10	73	-	237	2					
Sundargarh1	Farm Science Club conveners meet	4	2							Emphasize interaction and exchange of information among participants	Cooperative marketing	
Sundargarh1	Self Help Group conveners meetings	4	2	6	14	6	12	2	21	To strengthen SHGs & to make them more financially self reliant	Value added products, management & empowerment SHGs	
Sundargarh1	Mahila Mandals	0	0									
Sundargarh1	Celebration of important days	4	3	146	21	214	38	22	19	Encouraging farming community	World food day, Women in agriculture day, Akshya trutiya,	

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	Sorisha(Mustard)	S Satapathy, David James Bage, SK Biswasi	500
Sundargarh1	Booklet	Madhur maka (Sweet corn)	David James Bage, S.K Biswasi, S. Satapathy	500
Sundargarh1	Booklet	Alu (Potato)	P. C. Satapathy, S.K. Biswasi, David James Bage, S. Satapathy	500
Sundargarh1	Booklet	Bideshagat panipariba (Exotic vegetables)	R. K. Tarai, T. Majhi, GR. Sahoo, T. K. Das	500
Sundargarh1	Booklet	Chatura mulyajukta utpad (value added products of mushroom)	L. Pradhan, Mahamaya Prasad Nayak	500
Sundargarh1	Booklet	Potal (Pointed gourd)	R.K. Tarai, David James Bage, Mahamaya Prasad Nayak, S. Satapathy	500
Sundargarh1	Booklet	Dhingiri Chhatu (Oyster mushroom)	L Pradhan, Mahamaya Prasad Nayak	500
Sundargarh1	Booklet	Pala chhatu (Rice straw mushroom)	L Pradhan, Mahamaya Prasad Nayak	500

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Sundargarh1	DVD	Tribal farmers training Programme on potato	2

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.)
Sundargarh1	FS	Rice	Pratikshya	22.2	52814	-	12
Sundargarh1	TL	Niger	Utkal Niger	0.55	2200	-	5.5

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Sundargarh1	TL	Sesamum	Nirmala	0.52	2080	-	5.2

* Stock in hand processing completed through OSSC Ltd

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Sundargarh1	PM	Papaya	Selection 1 ((Gynodioceous)	3481	34810	215	10
Sundargarh1	PM	Tomato	Utkal Pragnya	38530	19265	2050	3
Sundargarh1	PM	Cauliflower	Hemalata & Whiteshot	18650	9325	115	1
Sundargarh1	PM	Onion	Bhima Super	301950	30195	125	5
Sundargarh1	PM	Broccoli	Green Giant	15235	15235	52	2
Sundargarh1	PM	Cabbage	Mahyco 139	1626	813	70	1
Sundargarh1	PM	Brinjal	Kajol	1670	835	21	1
Sundargarh1	PM	Chilli	Utkal Ava	1900	950	35	1
Sundargarh1	PM	Capsicum	Hybrid	650	650	22	0.2
Sundargarh1	PM	Tree Tomato	Hybrid	550	550	15	0.02
Sundargarh1	PM	Pointed gourd	Swarna aloukik	1700	13600	33	20.00
Sundargarh1	PM	Oyster mushroom	Oyster mushroom	2169	26292	280	0
				388111	152520	3033	44.22

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.)
Sundargarh1	Bio Agents	Vermin	111		55500	82	
Sundargarh1	Bio Agents						
Sundargarh1	Bio Fertilizer	Vermicompost	2000		630	36	
Sundargarh1	Bio Fertilizer						

19.10qt vermin compost has been used in crop demonstration unit and 90 kg has been sold for Rs 630/-

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	Rainbow rooster	28 day old chicks	290	15950	29
Sundargarh1	Poultry	Banraja	28 day old chicks	1918	105440	240

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	N A	NA	Soil samples tested at Govt lab in Sambalpur and Sundargarh	496	312	10	-	312

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		`						

10. Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit 

Name of KVK	Date	Title of the training course	Client (PF/R Y/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total
Sundargarh1										

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)
Sundargarh1	September	2013	Refresher Courses for WDT Members	13	303	13		25
Sundargarh1	October	2013	Refresher Courses for WDT Members	2	36	2		25
Sundargarh1	October	2013	Nursery management	3	15	2		25
Sundargarh1	November	2013	Refresher Courses for WDT Members	9	144	9		25
Sundargarh1	December	2013	Refresher Courses for WDT Members	1	25	1		25
Sundargarh1	January	2014	Refresher Courses for WDT Members	3	75	3		25
Sundargarh1	January	2014	Method of preparation of different types of compost and fortification	4	25	3		25
Sundargarh1	February	2014	Maintenance of power operated implements and machineries	3	25	2		25

12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Sundargarh1	1997	22.09.2008	1	8	Major renovation and repair works required

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members	Major recommendations

		attended	
Sundargarh1	07/11//13	21	KVK to take the support of the staff from the KVK ring. Kharif onion & Garlic to be demonstrated and the seed production aspects to be assessed and taken-up under KVK Integrated farming system models basing on agro-ecological situations to be given more emphasis. Seed production unit for coriander may be started. More number of farmer clubs to be involved. Action plan to be prepared well in advance involving line departments. Technical weeks to be celebrated involving line department personnels. More number of rural youths to be developed into agri-entrepreneurs.

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.		
Sundargarh1					
Sundargarh1	119	1000	251	Pacific Technology (Pvt)	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	20,000	Farmer-Scientist Interaction	Sundargarh District	500 farmers attended the interaction
Sundargarh1	BGREI	Central	34000	Technical Monitoring	Sundargarh district	Area 2500 ha
Sundargarh1	RKVY	Central	225000	Installed drip and sprinkler irrigation in 5.0 ha	KVK	Installed in 5 ha area
Sundargarh1	Tribal Sub Plan	CPRI	9,68,000*	Kisan mela cum tribal farmers training	Sundargarh, Deogarh, Jharsuguda	1721 farmers attended

* Received as advance spent on behalf of CPRI, Shimla

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Sundargarh1	30773698636	65389	182456	203706

In addition Stock in hand : Rice seed, Sesamum seed , Niger seed , mushroom spawn and brooded poultry chicks worth Rs 79594

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Sundargarh1	Kumari Rangabati Seth	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)
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	31st July 2013	25
02	21/10/2013	25
03	24/10/2013	40
04	30/10/2013	20
05	2/11/2013	40
06	8th Nov 2013	25
07	11th Dec 2013	25
08	12th February 2014	25

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Sundargarh1	6	9	22	224

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	Mega 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	Hon'ble VC, O.U.A.T	21/2/2014		1		Visited during Tribal farmers training and kisan mela
Sundargarh1	Dean, Extension Education,	21/2/2014 and 22/2/2014		1		Visited during Tribal farmers training and kisan mela

	OUAT					
Sundargarh1	Jt. Director, Extension, OUAT	7.11.13 , 6.2.14,21.2.14 22.2.14 23.2.14		1		Visited during SAC, Farmers fair Tribal farmers training and kisan mela
Sundargarh1	Director, Horticulture	21/2/2014			1	Visited during Tribal farmers training and kisan mela
Sundargarh1	HOD & Principal Scientist, CPRI	21/2 & 22/22014	1			Visited during Tribal farmers training and kisan mela
Sundargarh1	Principal Scientist, CPRS Patna	21/2 & 22/22014	1			Visited during Tribal farmers training and kisan mela
Sundargarh1	Principal Scientist, CPRS Meerut	21/2 & 22/22014	1			Visited during Tribal farmers training and kisan mela
Sundargarh1	DM & Collector	22/2/2014			1	Visited during kisan mela
Sundargarh1	P.D., DRDA, Sundargarh	7.11.13			1	Visited SAC and kisan mela
Sundargarh1	Dr. A P Diwedi	21.08.2013	1			Visited for monitoring

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	2, under repair	

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			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 CRRI cuttack and NIFTD, Kalyani
	Total		2	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Sundargarh 1	2	2

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	1	
Sundargarh 1	David James Bage	SMS (Agril Extension)	1	
Sundargarh 1	Satyamaya Satapathy	SMS (Agronomy)	1	
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	
Sundargarh1	Exhibition	2	2500	
Sundargarh1	Fair	2	2110	
Sundargarh1	Farm Visit	1	2700	
Sundargarh1	Distribution of Literature (No.)	7	500	
Sundargarh1	Distribution of Planting materials (No.)	1	100	Papaya seedlings
Sundargarh1	Ex Trainee sammelan	2	50	
Sundargarh1	Farmer Scientist Interaction	2	2110	
Sundargarh1	Technical Seminar	6	2110	
Sundargarh1	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

Name of the Farmer	Sri Susanta Kumar Naik				Sri Susanta Kumar Naik
Address: Village Post Tehsil District State	Kandabahal Bhedabahal Sadar, Sundargarh Sundargarh Orissa				
Contact Details:	09853435649				
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)				
Membership in Self-Help Group, Producers Cooperative/ Company, Cooperative Society etc. (give details)	Non- member				
Names of the Central Sector/ State Schemes utilized by the farmer and the period	Own fund, technical & training support from Krishi Vigyan Kendra, Sundargarh				
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				
Details of results obtained due to the adoption of technologies (Season-wise crops grown, techniques adopted, results achieved etc.)	Improved/ present production technologies		Traditional/ past production practices		Improved/ present production technologies
	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			
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			
Factors contributing to success	Innovativeness, sincerity, encouragement & support from KVK and family. Linkage with spawn manufacturing unit at Bhubaneswar.			
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 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	Innovativeness, sincerity,	

	success	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.	

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