ANNUAL REPORT
APRIL 2011-MARCH 2012
KVK, SAMBALPUR, ODISHA

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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.)**
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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		
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	Total value of resource generated/Fund received from diff. sources (Rs.)
Sambalpur	OFTs	19	108	19	108	
Sambalpur	FLDs – Oilseeds (activity in ha)	10	22	10	22	
Sambalpur	FLDs – Pulses (activity in ha)	10	26	10	26	
Sambalpur	FLDs – Cotton (activity in ha)					
Sambalpur	FLDs – Other than Oilseed and pulse crops(activity in ha)	15.99	108	15.99	77	
Sambalpur	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	6	36	6	36	
Sambalpur	Training-Farmers and farm women	62	1550	62	1550	
Sambalpur	Training-Rural youths	27	335	27	335	
Sambalpur	Training- Extension functionaries	11	165	11	165	
Sambalpur	Extension Activities	-	-	2155	7253	
Sambalpur	Seed Production (Number of activity as seeds in quintal)	5	62 qtl	5	62 qtl	
Sambalpur	Planting material ((Number of activity as quantity of planting material in quintal)	-	-	-	-	
Sambalpur	Seedling Production (Number of activity as number of seedlings in numbers)	54833	266	54833	266	
Sambalpur	Sapling Production (Number of activity as number of sapling in numbers)	-	-	-	-	
Sambalpur	Other Bio- products	-	-	-	-	
Sambalpur	Live stock products	-	-	-	-	
Sambalpur	SAC Meeting (Date & no. of core/official members	1	40	1	40	
Sambalpur	Newsletters (no.)	4	2000	3	1500	
Sambalpur	Publication (Research papers, popular article)	-	-	2	1000	
Sambalpur	Convergence programmes / Sponsored programmes	-	-	2	100	
Sambalpur	KVK-ATMA Linkage programme (Number of activities)	-	-	-	-	
Sambalpur	Outreach of KVK in the District (No. of blocks, no. of villages)	9	-	9	445	
Sambalpur	Soil sample tested	-	-	-	-	-
Sambalpur	Water sample tested	-	-	-	-	-
Sambalpur	KMA (No. of messages & beneficiaries)	-	-	70	33278	

1. GENERAL INFORMATION

1.1. Staff Position (as on date): 31.3.2012

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)
Sambalpur	Programme Coordinator	Dr. Lilymoony Tripathy	Horticulture	Ph.D	Horticulture	15600-39100	15600 + AGP 8000	09.08.2011	**Permanent**	Gen
Sambalpur	Subject Matter Specialist1	Mr. Srikanta Sahu	Agronomy	MSc Ag	Agronomy	15600-39100	16920 + AGP 6000	20.11.2009	**Permanent**	Gen
Sambalpur	Subject Matter Specialist2	Mr. Pramod Kumar Prusty	Plant Protection	MSc Ag	Plant Protection	15600-39100	19050 + AGP 6000	1.03.2011	**Permanent**	Gen
Sambalpur	Subject Matter Specialist3	Mrs. Monalisa Pradhan	Home Science	M.A	Home Science	15600-39100	19810 + AGP 6000	28.07.09	**Permanent**	Gen
Sambalpur	Subject Matter Specialist4	Mr. Gobind Chandra Dhal	Agil Engg	M.Sc Ag	Agril Engg	15600-39100	16920 + AGP 6000	10.11.2009	**Permanent**	Gen
Sambalpur	Subject Matter Specialist5	Mr Narayan Bar	Agril Extn	MSc Ag	Agril Extension	15600-39100	16250 + AGP 6000	08.04.2010	**Permanent**	Gen
Sambalpur	Subject Matter Specialist6	Vacant								
Sambalpur	Programme Assistant	Vacant								
Sambalpur	Farm Manager	vacant					9300 + GP 4200			
Sambalpur	Computer Programmer	Mr Manoj Kumar Sahu	Computer Science	M.C.A	Computer Science	9300-34,800	11940 + GP 4200	27.01.2006	**Permanent**	Gen
Sambalpur	Accountant / superintendent	Mr. Sudhanshu Sekhar Sahu		IA		9,300-34,800 GP-4200	15860 + GP 4200	10.08.09	**Permanent**	Gen
Sambalpur	Stenographer	Sri Susanta Kumar Singh		BA		5200-20200	6430 + GP 2400	13.10.2006	**Permanent**	Gen
Sambalpur	Driver	Sri Paramod Muduli		10th		3050-75-3950-80-4590	5440 + GP 1900	25.07.08	**Permanent**	Gen
Sambalpur	Driver	Vacant								
Sambalpur	Supporting staff	Sri Anirudhha Sahu		10th		Rs.2,610-60-Rs. 2,550-55-2,660-60-3,200	4800 + GP 1300	1.12.2010	**Permanent**	Gen
Sambalpur	Supporting staff	Sri Gajanan Chanada		7th		4440-7440	5180 + 1300	22.12.07	**Permanent**	Gen

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

a. Geographical area (in Ha)	**: 6,66,293**
b. Cultivated Area (in Ha)	**: 1,93,674**
i) High Land	**: 96,535**
ii) Medium land	**: 60,759**
iii) Low land	**: 36,380**
c. Irrigated area (in Ha) (in Kharif)	**: 62,528**
Irrigated area (in Ha) (In Rabi)	**: 33,416**
d. Non irrigated area (in Ha)	**: 1, 32,174**
e. farm families (in nos) 2001 census	**: 1,01,067**
i) Small farmers	**: 41,997**
ii) Marginal farmers	**: 44,514**
iii) Big farmers	**: 14,556**
f. Agriculture labour (in nos)	**: 1,33,943**

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)
Sambalpur	**Kalamati**	**2008**	**Dhankauda**	**15 Km**	**715 (175 families)**	**163 families**
Sambalpur	**Putiapalli**	**2009**	**Maneswar**	**75 Km**	**1245 (200 families)**	**120 families**
Sambalpur	**Brahamanipalli**	**2009**	**Rairakhol**	**120 km**	**405 (40 families)**	**40 families**
Sambalpur	**Dangarpada**	**2011**	**Jujomara**	**70 km**	**2384**	**145 families**

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

KVK Name	THRUST AREA
Sambalpur	Soil management for profitable crop production
Sambalpur	Integrated nutrient management practices
Sambalpur	Integrated weed management problem
Sambalpur	Introduction of High yielding variety
Sambalpur	Integrated disease management
Sambalpur	Integrated pest management
Sambalpur	Bio-control of pest & diseases
Sambalpur	Quality seeds and seedlings production
Sambalpur	Transfer of modern technology
Sambalpur	Income generating activities for rural women
Sambalpur	Value addition to seasonal vegetables/pulses
Sambalpur	Nutritional Food Security
Sambalpur	Minimization of Storage Loss
Sambalpur	Crop diversification
Sambalpur	Integrated fish farming
Sambalpur	Farming system model
Sambalpur	Drudgery Reduction
Sambalpur	Mechanisation of agriculture
Sambalpur	Micro Irrigation System
Sambalpur	Soil & Water conservation
Sambalpur	Drainage system in low land

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

KVK Name	Problem identified	Methods of problem identification
Sambalpur	Soil acidity is the major problem for crop production in the districts (70% acidity)	By soil testing reports and survey reports
Sambalpur	Faulty nutrient management practices, use of improper fertilizers or less use of organics	Discussion with farmers about fertilizer application, dose and use of organic inputs
Sambalpur	Manual weeding-Hand weeding	By discussion with farmers about application herbicides
Sambalpur	Use of local variety & low yield	Lack of use of improved variety
Sambalpur	Indiscriminant use of pesticides	Lack of knowledge
Sambalpur	Indiscriminant use fungicide & bactericide	Survey and group discussion with District authorities and farmers
Sambalpur	Heavily use of insecticide & pesticide	Survey and group discussion with District authorities and farmers
Sambalpur	Cultivation of locally available degenerated seeds, poor quality seedlings without seed treatment	Discussion in meetings with farmer and farmer's club members
Sambalpur	Information networking for marketing of produce	Information from ORMAS
Sambalpur	Lack of access and control over income of rural women	PRA Survey method and discussed with DSWO Sambalpur
Sambalpur	Spoilage of seasonal vegetables, fruits.	Visit to farmers field and group discussion
Sambalpur	Poor nutrient and feed management practices	Group discussion and PRA survey
Sambalpur	Inefficient utilization of available farming space for maximum production	Field visit, Group discussion
Sambalpur	High mortality rate of poultry	Interaction of groups involved in poultry farming
Sambalpur	More cost of operation	Increase in wages
Sambalpur	Soil loss from barren upland	Field visits
Sambalpur	No crop diversification	Survey and field visits
Sambalpur	Low water use efficiency	Discussion with farmer, Field visit
Sambalpur	Labour crisis for agricultural operation	Discussion with farmer, Field visit

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)		Net Returns (Rs./ha)		Recommendations
									Farmer practice T1	Rec. Tech T2	T1	T2	
Sambalpur	Kharif 2011	Low yield due to local variety	Assessment	Varietals substitution	Paddy	Paddy, Paddy, Irrigated medium land, Clay loam	Assessment of rice variety Manaswini	5	44	48.8	16200	19520	
Sambalpur	Rabi 2011-12	Low yield of rice due to weed infestation	Assessment	Weed management	Paddy	Irrigated, Medium land, Clay loam	Assessment of herbicide (Almix) in Rice	5	Result Awaited				
Sambalpur	Rabi, 2011-12	In proper fertilizer dose without biofertilizer and proper nutrient management	Assessment	INM	Greengram	Irrigated upland	Assessment of Bio fertilizer and sodim molybdate in greengram	5	Result Awaited				
Sambalpur	Rabi 2011-12	Low yield of groundnut due to acid soil	Assessment	INM	Groundnut	Irrigated Upland	Assessment of response of groundnut to soil ameliorative measures D.T= Application of PMS@5 qtl/ha & RDF 20:40:40	5	Result awaited				
Sambalpur	Kharif 2011	Low yield in paddy due to incidence of sheath blight disease	Assessment	PLP (IDM)	Paddy	Irrigated medium land	Assessment of IDM in paddy for sheath blight	5	% disease incidence – 18 Yield(q/ha)- 34.7	4 44.2	14370	19950	
Sambalpur	Kharif 2011	Low yield in Okra due to incidence of YVMV disease	Assessment	IDM	Okra	Irrigated, up/medium land	Assessment of IPM in Okra to check YVMV vector	5	% disease incidence- 13 Yield (q/ha)- 120.3	5 160.4	32085	44380	
Sambalpur	Rabi 2012	Low yield in groundnut due to incidence	Assessment	IDM	Groundnut	Irrigated, Upland	Assessment of IDM for groundnut	5	% disease incidence- 13 Yield (q/ha)-	2 19.8	17460	24690	

		of tikka and collar rot disease							15.2				
Sambalpur	Rabi 2012	Low yield in pumpkin due to attack of fruit fly	Assessment	IPM	Pumpkin	Irrigated upland	Assessment of IPM in pumpkin to check fruit fly	5	Result awaited				
Sambalpur	Rabi 2011-12	Low yield of cauliflower due to use of improper quality seeds/seedling	Assessment	Varietal Evaluation	Cauliflower	Paddy veg	Assessment of hybrid cauliflower	5	189.7 q/ha	264.6 q/ha	56650.00	86520.00	
Sambalpur	Rabi 2011-12	Low yield of desi onion due to poor yield potenmtial and high incidence of disease and pest	Assessment	Varital Evaluation	Onion	Paddy-Veg	Assessment of onion variety Bhima Super	10	118.3 q/ha	180.8 q/ha	6400.00	28585.00	
Sambalpur	Rabi 2011-12	Low yield of Kuchinda Chilli due to improper fertilizer management	Assessment	INM	Chilli	Paddy-veg	Assessment of INM in Kuchinda Chilli	5	10.5 q/ha	15.8q/ha	64718.00	109682.00	
Sambalpur	Kharif 2011	Low efficiency and high drudgery of farm women	Assessment	Drudgery reduction	Enterprise	-	Assessment of drudgery reduction through groundnut decorticator	5	0.9 kg/hr	29.6 kg/hr	-	-	-
Sambalpur	Kharif 2011	Low efficiency and high drudgery of farm women	Assessment	Drusgery reduction	Enterprise	-	Assessment of drudgery reduction through bhindi plucker by farm women	10	30 kg/day	36 kg/day	-	-	-
Sambalpur	Rabi 2011-12	Low income of farm women	Assessment	Income generation	Enterprise	-	Assessment of rearing of Banaraj poultry in backyard area by farm women	6	Continued				
Sambalpur	Rabi 2011-12	Low income of farm women	Assessment	Drudgery reduction	Enterprise	-	Assessment of drudgery reduction through maize	10	Continued				

							sheller by farm women						
Sambalpur	Kharif 2011	No crop diversification in low land (paddy to Non Paddy)	Assessment	AEG	Raised bed and sunken bed	Irrigated	Assessment of raised bed and sunken bed system in low land	3	-	-	13000	87060	In low land where only paddy is grown by adopting raised bed and sunken bed other horticultural and vegetable can be grown
Sambalpur	Kharif 2011	More cost of line transplanting of paddy by manual labour crisis	Assessment	AEG	Paddy	Irrigated	Assessment of power weeder in paddy	5	Field Capacity (ha/hr/manday) -0.0062 Cost of weeding (Rs/hr) - 1800 Weeding efficiency (%) -98	0.133 870 79	8200	12380	In the line transplanted paddy crop where row to row spacing 24-30 cm power weeder should be operated
Sambalpur	Kharif 2011	More cost of uprooting of groundnut difficult in hard soil some pods remain inside soil during manual uprooting	Assessment	AEG	Groundnut	Irrigated/ Rainfed	Assessment of tractor drawn groundnut digger and shaker	5	Field capacity(ha/hr /manday)-0.005	0.675	122000	17700	In the rainfed area where groundnut is practiced in kharif and is harvested during dry spell it may be used
Sambalpur	Rabi 2011	Less irrigation interval , Less moisture conservation in the roof zone.	Assessment	AEg	Mango	Non-irrigated	Assessment of plastic mulching with drip in Mango	3	Irrigation interval (days)-1 Weeding cost for 100 plants (Rs) -900	4 Nil	Crops are in field		ON GOING

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_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP(T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)
Sambalpur	Assessment of rice variety Manaswini	Yield (q/ha) Tllers/clump	48.8 35	44 29	23400	24400		39600	43920		16200	19520		1.69	1.8	
Sambalpur	Assessment of herbicide (Almix) in Rice		Result awaited													
Sambalpur	Assessment of Bio fertilizer and sodim molybdate in greengram		Result awaited													
Sambalpur	Assessment of response of groundnut to soil ameliorative measures D.T= Application of PMS@5 qtl/ha & RDF 20:40:40		Result Awaited													
Sambalpur	Assessment of IDM in paddy for sheath blight	% disease incidence	4	18	16860	19830		31230	39780		14370	19950		1.85	2.0	
Sambalpur	Assessment of IPM in Okra to cheque YVMV vector	% disease incidence	5	16	22050	27800		54135	72180		32085	44380		2.45	2.59	
Sambalpur	Assessment of IDM for groundnut	% disease incidence	2	13	17500	20850		34960	45540		17460	24690		1.99	2.18	
Sambalpur	Assessment of IPM in pumpkin to check fruit fly	% affected plant	Result awaited													
Sambalpur	Assessment of hybrid cauliflower	Curd weight (kg) Yield (q/ha)	1.8 264.6	0.8 189.7	38200	45780		94850	32300		56650	86520		2.5	2.8	
Sambalpur	Assessment of onion variety Bhima Super	Yield (q/ha)	180.8	118.3	40920	43735		47320	72320		6400	28585	-	1.2	1.6	

Sambalpur	Assessment of INM in Kuchinda Chilli	Yield (q/ha)	15.8	10.5	40282	48318	-	105000	158000	-	64718	109682	-	2.6	3.3	
Sambalpur	Assessment of drudgery reduction through groundnut decorticator	Output (kg/hr) Heart rate (beats/min)	29.6 119.4	9 83.6	-	-	-	-	-	-	-	-	-	-	-	
Sambalpur	Assessment of drudgery reduction through bhindi plucker by farm women	Output (kg/hr) Heart rate (beats/min)	36 83	30 78	-	-	-	-	-	-	-	-	-	-	-	
Sambalpur	Assessment of rearing of Banaraj poultry in backyard area by farm women	Body weight increased(kg/ month) Egg laying (Nos. per month)	Result awaited													
Sambalpur	Assessment of drudgery reduction through maize sheller by farm women	Output (kg/hr) Work pulse (beats/min)	20 85	5 77	-	-	-	-	-	-	-	-	-	-	-	-
Sambalpur	Assessment of raised bed and sunken bed system in low land	-	-	-	30000	112940		43000	200000		13000	87060	-	1.43	1.77	
Sambalpur	Assessment of power weeder in paddy	Field Capacity (ha/hr/manday) - 0.0062 Cost of weeding (Rs/hr) Weeding efficiency (%)	0.133 870 79	0.0062 1800 98	31800	27620		40000	40000		8200	12380		1.25	1.44	
Sambalpur	Assessment of tractor drawn groundnut digger and shaker	Field capacity(ha/hr/manday)-	0.675	0.005	28300	27300		40500	45000		12200	17700		1.43	1.64	
Sambalpur	Assessment of plastic mulching with drip in Mango	Irrigation interval (days) Weeding cost for 100 plants (Rs)	4 Nil	1 900	ONGOING											

2.3 Feedback from KVK to Research System

Name of KVK	Feedback
Sambalpur	Chemical weed management in Paddy variety Manswini may be standardized
Sambalpur	For YVMV management Clothianidin molecule may be standardized
Sambalpur	For controlling rotting in groundnut thiophenate methyl can be tried. And dose and time of application may be standardized
Sambalpur	The fertigation schedule for each crop is still not standardized so the drip irrigation system is used only for watering and its multierious cannot done
Sambalpur	In litchi the micro climate requirement of the crop is not standardized to what amount of VAM is required for a good crop yield
Sambalpur	Training, and pruning operation is beneficial or not in mango orchard is still not standardized
Sambalpur	Maize sheller ring diameter made flexible to accommodate all size of maize cob.
Sambalpur	Women friendly power tiller may be designed

3. Achievements of Frontline Demonstrations

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

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

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Sambalpur	Crop	Integrated crop management	SRI method of rice planting i.e use of 12 days old seedlings, 1 seedlind/hill, spacing (25 cm X 25 cm)	Group discussion, conducting Extrainee meet, Kisan mela	30	150	800
Sambalpur	Crop	Varietal substitution	Cultivation of aromatic rice variety Geetanjali	Kisan mela, group discussion, field day, FLD, news letter	4	70	20
Sambalpur	Crop	Integrated Nutrient management	Integrated Nitrogen management in paddy	Kisan mela, group discussion, field day, FLD, news letter	8	115	48
Sambalpur	Crop	Weed management	Pre-emergence application of Atrazin@2 kg/ha for weed control in maize	Kisan mela, group discussion, field day, FLD, news letter	3	34	15
Sambalpur	Crop	Integrated Nutrient management	INM in maize & Application of PMS & FYM for acid soil management for yield increase	Kisan mela, group discussion, field day, FLD, news letter	4	36	45
Sambalpur	Crop	Integrated Nutrient management	Application of sulphur to increase the productivity of sunflower	Kisan mela, group discussion, field day, FLD, news letter	5	65	40
Sambalpur	Crop	Integrated Pest Management	Soil application of Fripronil 0.3G @ 0.8kg per 10 cent of nursery 7	Leaflets, training & Demonstrations	15	155	130

			days before uprooting seedlings (1 Ac.)followed by application in main field @20 kg/ha at 30 days after transplanting .Instalation of Pheromone traps @20 no./ha. Application of *Tricogramma japonicum* @50,000/ha for 6 times. Need based spraying of Triazophos @2ml/lit , Neem oil @5 ml/lit alternately at 10 days interval.				
Sambalpur	Crop	Integrated Pest Management	Application of Carbofuran 3G @ 30 Kg/ha during 4-6 leaf stage. Regular clipping of affected shoot & fruits. Use of Pheromone trap @20/ha. Need based application of Cartap hydrochloride 50 SP @250gm/Ac. and neem oil (multineem) @1 lit/Ac alternately at 10 days interval.	Leaflets, training & Demonstrations	7	40	20
Sambalpur	Crop	Integrated Pest Management	Soil application of 2.5 q/ha neem cake. Planting of African Marigold seedlings (40 days old) after every tenth line of tomato. Spraying of HaNPV @ 250 LE/ha and BT @1 kg/ha alternately. Need based spraying of Triazophos @ 2ml/lit .	Leaflets, training & Demonstrations	8	48	22
Sambalpur	Crop	Integrated Disease Management	Seed treatment with Vitavax power @2 g/kg of seed+ soil application of Trichoderma viridae @2.5kg/ha + need based foliar spray of saaf (carbendazim12% + Mancozeb 63% wp)@2 g/lit of water	Leaflets, training & Demonstrations	10	52	28
Sambalpur	Crop	Integrated Pest Management	Selection of healthy planting material and treated with carbosulphan@0.05% and application of 250 gm neem cake per pit during planting	Leaflets, training & Demonstrations	4	30	18
Sambalpur	Enterprise	Mushroom cultivation	Paddy straw mushroom cultivation	Paddy straw mushroom cultivation	35	455	-
Sambalpur	Enterprise	Mushroom	Oyster mushroom cultivation	Oyster mushroom cultivation	24	352	-

		cultivation					
Sambalpur	Enterprise	AEG	Use of combine harvestor for harvesting paddy	Training, audio visual demonstration, more field demonstration, Exposure visit, conducting field days	50	110	1050
Sambalpur	Enterprise	AEG	Use of tractor operated rotavator for land preparation	Training, audio visual demonstration, more field demonstration, Exposure visit, conducting field days	90	450	960
Sambalpur	Enterprise	AEG	Use of micro sprinkler in nursery raising	Training, audio visual demonstration, more field demonstration, Exposure visit, conducting field days	10	30	15
Sambalpur	Enterprise	AEG	Use of drip irrigation in banana	Training, audio visual demonstration, more field demonstration, Exposure visit, conducting field days	30	41	58
Sambalpur	Enterprise	AEG	Low cost onion storage structure	Training, audio visual demonstration, more field demonstration, Exposure visit, conducting field days	15	30	-
Sambalpur	Enterprise	AEG	Use of disc plough for summer deep ploughing	Training, audio visual demonstration, more field demonstration, Exposure visit, conducting field days	40	60	300

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/Technology/ Entreprizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Sambalpur	CRP (Integrated crop Management)	Paddy	Kharif 2011	SRI method of rice planting (use of 12 days old seedling, 1 seedling/hill, spacing 25cmX25cm	1	Manaswini	59.6	44.8	30	2	-	-	3	5
Sambalpur	Varietal Substitution	Paddy	Kharif 2011	Demonstration on cultivation of HYV (rice) Pratikhya with full packages & Practices	5	Pratikhya	52.2	45.8	14	3	4	-	5	12

Sambalpur	Varietal substitution	Paddy	Kharif 2011	Demonstration on cultivation of aeromatic rice variety Geetanjali with full package & practices	1	Geetanjali	29	23	26	1	2	-	2	5
Sambalpur	Integrated Nutrient management	Maize	Rabi 2011-12	Demonstration on Acid soil management in maize D.T=Application of PMS@5 qtls/ha + FYM@5t/ha	1	Hybrid	ONGOING		-	1	-	-	4	5
Sambalpur	IPM	Paddy	Kharif 2011	Soil application of Fripronil 0.3G @ 0.8 kg per 10 cent of nursery 7 days before uprooting seedlings (1 Ac.) followed by application in main field @20 kg/ha at 30 days after transplanting Installation of Pheromone traps @20 no./ha. Release of *Tricogramma japonicum* @50,000/ha. (6 times)	1	Swarna	44.35	36.2	22.5	-	-	5	-	5

Sambalpur	IPM	Brinjal	Kharif 2011	Soil application of Carbofuran 3G @ 30 Kg/ha, regular clipping of affected shoot & fruits. Use of Pheromone trap @20/ha. Release of T. Chilonis @ 50000/ha (6 times), Need based application of Cartap hydrochloride 50 SP @625gm/ha+ diflubenzuron 25% WP 250 gm/ha at 10 days interval.	1	Bluestar	224.5	185.2	21.2	2	2	-	1	5
Sambalpur	IPM	Chilli	Rabi 2012	Seed treatment with imidacloprid 7 gram/kg of seed. Need based spraying of Aceta miprid @ 50 gm/Ac and Ethion 50 EC@2.5 ml/lit alternatively at 10-15 days interval	1	Utkal Ava	ONGOING	-	-	-	-	1	4	5
Sambalpur	IPM	Cauliflower	Rabi 2012	Soil application of neem cake 2.5 qtl/ha spraying of cartap hydrochloride 50sp@250 gm/ac and neem oil(multineem)@5ml/lit	1	Snow ball	204.8	162.6	25.9	-	1	1	3	5
Sambalpur	Varietal Evaluation	Papaya	Kharif 2011	Cultivation of high yielding variety papaya More number of gynocious plants with average yield 50-70 kg/plat	0.1	Red lady	ONGOING	-	-	1	2	2	5	
Sambalpur	Varietal Evaluation	Tomato	Rabi 2011	Cultivation of high yielding variety tomato Utkal raja with indiscriminate type	0.21	Utkal raja	283.4q/ha	230 q/ha	23	-	1	4	-	5

Sambalpur	Varietal Evaluation	Cabbage	Rabi 2011-12	Cultivation of high yielding variety cabbage with average yield of 1-1.2 kg/curd	0.18	File d rocket	368.1 q/ha	310.5 q/ha	18	2	-	2	1	5
Sambalpur	Income generation through mushroom cultivation	Paddy straw mushroom	Kharif 2011	Cultivation practices of paddy straw mushroom cultivation	100 bed	V.Volvacea	0.95 kg/bed	New	-	4	-	3	3	10
Sambalpur	Income generation through mushroom cultivation	Oyster mushroom	Rabi 2011	Cultivation practices of Oyster mushroom cultivation	100 beds	P.Sajarkaju	1.4 kg/bed	New	-	-	-	7	3	10
Sambalpur	Small scale income generating enterprise	Vegetable sapling	Rabi 2011-12	Raising nursery with full package & practices	-	-	Rs. 3000 per season	New	-	3	-	-	7	10
Sambalpur	Income generation through marigold cultivation	Marigold	Rabi 2011-12	Cultivation of high yield marigold with proper packages	0.5 acre	Pusa basmati	55/plant	20/plant	75	-	-	5	-	5
Sambalpur	AEG	Self propelled paddy transplanter	Kharif 2011	Using self propelled paddy transplanter for paddy transplanting	1.2	Self propelled paddy transplanter	Cost of transplanting (Rs/ha)-1250	4000	68	3		2	-	5
Sambalpur	AEG	Self propelled paddy reaper	Kharif 2011	Use of self propelled paddy reaper for harvesting paddy	1	Self propelled paddy reaper	Cost of haarvesting (Rs/ha)-500	2520	80	1	1	2	1	5
Sambalpur	AEG	Groundnut planter	Rabi 2011	Use of tractor drawn 5 row inclined plate planter	1	Tractor drawn 5 row inclined planter	Cost of line sowing (Rs./ha) - 630	1080	41	2	1	-	-	3
Sambalpur	AEG	Drip irrigation	Rabi 2011	Using plastic mulching with drip irrigation in banana	0.1	100 micron black polythene muching with drip	Crops are in field		-	-	-	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
Sambalpur	Paddy	SRI method of rice planting (use of 12 days old seedling, 1 seedling/hill, spacing 25cmX25cm	Yield (q/ha) Tillers/clumb(Nos)	59.6 46	44.8 32	21800	21500	53640	40320	31840	18820	2.46	1.87
Sambalpur	Paddy	Demonstration on cultivation of HYV (rice) Pratikhya with full packages & Practices	Yield (q/ha) Tillers/clumb(Nos)	52.2 32	45.8 28	24700	24600	46980	41220	22280	16620	1.9	1.67
Sambalpur	Paddy	Demonstration on cultivation of aeromatic rice variety Geetanjali with full package & practices	Yield (q/ha) Tillers/clumb(Nos)	29 18	23 14	19300	19200	46400	36800	27100	17600	2.4	1.91
Sambalpur	Maize	Demonstration on Acid soil management in maize D.T=Application of PMS@5 qtls/ha + FYM@5t/ha	Yield (q/ha)	Crops are in field									
Sambalpur	Paddy	Soil application of Fripronil 0.3G @ 0.8 kg per 10 cent of nursery 7 days before uprooting seedlings (1 Ac.) followed by application in main field @20 kg/ha at 30 days after transplanting Installation of Pheromone traps @20 no./ha. Release of *Tricogramma japonicum* @50,000/ha. (6 times)	Dead heart %	4	15	20250	17440	39915	32580	19665	15140	1.97	1.86
Sambalpur	Brinjal	Soil application of Carbofuran 3G @ 30 Kg/ha, regular clipping of affected shoot & fruits. Use of Pheromone trap @20/ha. Release of T. Chilonis @ 50000/ha (6 times), Need based application of Cartap hydrochloride 50 SP @625gm/ha+ diflubenzuron 25% WP 250 gm/ha at 10 days interval.	Fruit damage %	7.2	29.8	48450	44350	123475	101860	75025	57510	2.54	2.29

Sambalpur	Chilli	Seed treatment with imidacloprid 7 gram/kg of seed. Need based spraying of Aceta miprid @ 50 gm/Ac and Ethion 50 EC@2.5 ml/lit alternatively at 10-15 days interval	% disease incidence	Not harvested									
Sambalpur	Cauliflower	Soil application of neem cake 2.5 qtl/ha spraying of cartap hydrochloride 50sp@250 gm/ac and neem oil(multineem)@5ml/lit	No./plant	1.3	9.2	30760	26620	71400	56910	40640	30290	2.32	2.13
Sambalpur	Papaya	Cultivation of high yielding variety papaya More number of gynocious plants with average yield 50-70 kg/plat	Yield (q/ha0	On going		157200	137000						
Sambalpur	Tomato	Cultivation of high yielding variety tomato Utkal Raja with indiscriminate type	Yield (q/ha)	283.4	230	47800	47500	141700	115000	93900	67500	2.9	2.4
Sambalpur	Cabbage	Cultivation of high yielding variety cabbage with average yield of 1-1.2 kg/curd	Yield (q/ha)	368.1	310.5	42200	38201	73620	62100	31420	23899	1.7	1.6
Sambalpur	Mushroom	Cultivation practices of paddy straw mushroom cultivation	Yield (kg/bed)	0.95	New	29	-	71.25	-	42.25	-	2.4	-
Sambalpur	Mushroom	Cultivation practices of Oyster mushroom cultivation	Yield (kg/bed)	1.4	New	15	-	60	-	4.5	-	4	-
Sambalpur	Vegetable seedling	Raising nursery with full package & practices	Income (Rs/bed/ season)	3000	New	-	-	-	-	-	-	-	-
Sambalpur	Marigold	Cultivation of high yield marigold with proper packages	No.of flower per plant	55	20	-	-	-	-	-	-	-	-
Sambalpur	Self propelled paddy transplanter	Using self propelled paddy transplanter for paddy transplanting	Field capacity (ha/hr/manday) Nos. of hills per sq mt Nos. of tillers per hill	0.05 31 55	0.0025 46 30	28550	31800	41500	39000	12950	7200	1.45	1.22
Sambalpur	Self propelled paddy reaper	Use of self propelled paddy reaper for harvesting paddy	Field capacity (ha/hr/manday)	0.177	0.0027	29050	31800	40000	40000	10950	8200	1.37	1.25
Sambalpur	Groundnut planter	Use of tractor drawn 5 row inclined plate planter	Field capacity (ha/hr/manday)	0.344	0.01	27850	28300	45000	45000	17150	16700	1.61	1.5
Sambalpur	Drip irrigation	Using plastic mulching with drip irrigation in banana	Irrigation interval (days) Weeding cost for 100 plants (Rs.)	3 Nil	1 850	Crops are in field							

3.4 Feedback of the Farmers

Name of KVK	Feedback
Sambalpur	The SRI method of rice cultivation was successful &widely accepted by farmers
Sambalpur	Availability of scented rice variety seeds should be in large quantity in the district
Sambalpur	Rice variety (HYV) Pratikhya is a good variety with high yield and should be made available widely
Sambalpur	Farmers accepted the technology for control of stem borer. The trichocards (T.japonicum) is not available locally.
Sambalpur	Farmers accepted the technology for the control of fruit and shoot borer in brinjal. The trichocard (T. chilonis) & Pheromone traps are not available in large quantity in the local market.
Sambalpur	Farmers were satisfied with the technology for control of DBM-in cauliflower Neem cake is a very good as it controls the pest as well as it increase d the yield due to its organic nature.
Sambalpur	There was increase in yield. No incidence of wilt. Good storability and marketability of tomato variety Utkal raja
Sambalpur	Size was a hindrance in Marketibility of cabbage variety- Snow ball
Sambalpur	Farm women are getting more profit with less time and proper utilization of their leisure time by mushroom cultivation
Sambalpur	Farm women thinks that marigold cultivation is a profit making crop for them
Sambalpur	Now a days cost of seed is high and seedling should be raised in scientific method
Sambalpur	The cage wheel of the transplanter should be large size in order to run in the low land where depth of puddling soil is more
Sambalpur	The lodged crop could not be harvested only the straight standing crop could be harvested by self propelled paddy reaper
Sambalpur	There should be controlling unit to raise or lower the ground wheel of the inclined plate planter.

3.5 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Sambalpur	Paddy	Field days	1	30	
		Farmers Training	2	50	
		Media coverage	3		
		Training for extension functionaries	1	15	
Sambalpur	Maize	Field days	-	-	
		Farmers Training	2	50	
		Media coverage	3		

		Training for extension functionaries	-	-	
Sambalpur	Paddy	Farmers Training	3	75	
		Media coverage	2		
Sambalpur	Brinjal	Field days	1	30	
		Farmers Training	1	25	
Sambalpur	Chilli	Farmers Training	1	25	
		Media coverage	1		
Sambalpur	Cauliflower	Farmers Training	1	25	
		Media coverage	1		
Sambalpur	Tomato	Field days	1	30	
		Farmers Training	1	25	
		Media coverage	3	-	
Sambalpur	Cabbage	Field days			
		Farmers Training	1	25	
		Media coverage	1	-	
		Training for extension functionaries			
Sambalpur	Papaya	Field days			
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			
Sambalpur	Paddy straw mushroom	Field days	1	50	
		Farmers Training	2	50	
		Media coverage	2		
		Training for extension functionaries			
Sambalpur	Oyster mushroom	Field days	1	50	
		Farmers Training	2	40	
		Media coverage	2		
		Training for extension functionaries			
Sambalpur	Vegetable seedling raising	Field days	1	50	
		Farmers Training	-	-	
		Media coverage	1	-	
		Training for extension functionaries	1	15	
Sambalpur	Marigold	Field days	1	50	
		Farmers Training	1	25	
		Media coverage	2		
		Training for extension functionaries			
Sambalpur	Self propelled paddy transplanter	Field days	1	50	
		Farmers Training	2	50	
		Media coverage	2	-	
		Training for extension functionaries	1	15	
Sambalpur	Self propelled paddy reaper	Field days	1	50	
		Farmers Training	1	25	

		Media coverage	1		
		Training for extension functionaries	1	15	
Sambalpur	Groundnut planter	Field days	-	-	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries	1	15	
Sambalpur	Drip irrigation	Field days	-	-	
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries	1	15	

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
KVK, Sambalpur	Farmer/Farm women	Group discussion, farmers interested how to manage acid soil & yield increase	27.5.2011 Baijamunda	12
KVK, Sambalpur	Farmer/Farm women	Farmers visited to KVK office and asked a training programme on INM in hybrid maize	25.06.2011 KVK, Campus	9
KVK, Sambalpur	Farmer/Farm women	Field visit-By farmers field visit & made interact with farmers they want a training on water management in paddy	13.07.2011 Bandpalli	18
KVK, Sambalpur	Farmer/Farm women	Farmers visited to KVK, Office and discussed for training programme on weed management in paddy	18.07.2011 Jhankarpalli	12
KVK, Sambalpur	Farmer/Farm women	Farmers visited to KVK, Office and discussed for a training programme	22.08.2011 Jhareipalli	6
KVK, Sambalpur	Farmer/Farm women	Farmers visited to KVK office and wanted a training programme on INM in paddy	26.09.2011 KVK, Campus	8
KVK, Sambalpur	Rural Youth	Group discussion, field visit	14.10.2011 Rengalipalli	20
KVK, Sambalpur	Farmer/Farm women	Farmers visited to KVK, Office and asked about conducting a training programme	27.10.2011 KVK, campus	2
KVK, Sambalpur	Vocational	Farmers visited to KVK office and interested to take training on Paddy seed production programme	19.11.2011 KVK, campus	4
KVK, Sambalpur	Farmer/Farm women	Field visit and group discussion with farmers. They interested to take training on groundnut cultivation	21.12.2011 KVK, campus	17
KVK, Sambalpur	In-service personnel	Discuss with line department and DDA, Sambalpur	22.12.2011 Over Telephone	2

KVK, Sambalpur	Farmer/Farm women	Field visit and group discussion with farmers. Farmers asked fr a training programme	2.01.2012 Dangarpada	13
KVK, Sambalpur	Rural Youth	Rural youths appreciated for training on seed production in groundnut	10.2.2012 KVK, campus	8
KVK, Sambalpur	Farmer/Farm women	Farmers visited to KVK, campus and asked training programme	13.3.2012 KVK, campus	4
KVK, Sambalpur	In-service personnel	By telephonic discussion with line department	15.3.2012 Over telephone	2
KVK, Sambalpur	Farmer/Farm women	Farmers visited to KVK, campus and interested to take training on IFS	17.3.2012 KVK, campus	6
KVK, Sambalpur	Farmer/Farm women	Field visit- By field visit and group discussion with farmers . farmers interested about to take a training programme	26.3.2012 KVK, campus	8
KVK, Sambalpur	Farmer/Farm women	Group discussion with farmer about stem borer in paddy	10.05.2011 KVK, campus	8
KVK, Sambalpur	Farmer/Farm women	Group discussion with farmer about disease incidence in paddy	24.6.2011 KVK, campus	7
KVK, Sambalpur	Farmer/Farm women	Group discussion with farmer about diseases in okra	20.7.2011 KVK, campus	10
KVK, Sambalpur	Farmer/Farm women	Group discussion with farmer about insect pest of brinjal	22.7.2011 KVK, campus	12
KVK, Sambalpur	Farmer/Farm women	Field visit to the farmers field and they told to organize training on pumpkin	10.8.2011 Dangarpada	15
KVK, Sambalpur	Farmer/Farm women	Group discussion with farmer about the disease problem in chilli	23.08.2011 KVK, campus	8
KVK, Sambalpur	Farmer/Farm women	Field visit-during field visit group discussion of insect pest of cauliflower	21.09.2011 Dangarpada	11
KVK, Sambalpur	Farmer/Farm women	Field visit-During field visit group discussion about the problem of aphid	22.09.2011 Jharaipalli	9
KVK, Sambalpur	Farmer/Farm women	Group discussion abut the disease in banana	12.10.11 KVK, campus	8
KVK, Sambalpur	Farmer/Farm women	Group discussion about insect pest in maize	15.10.2011 KVK, Campus	10
KVK, Sambalpur	Farmer/Farm women	Field visit-During field visit group discussion about insect pest of vegetable	10.11.11 Khunti	9
KVK, Sambalpur	Farmer/Farm women	Field visit-During field visit group discussion about discuss in greengram	24.11.11 Goudadihi	8
KVK, Sambalpur	Farmer/Farm women	Field visit- during field visit group discussion about insect pest of sunflower	19.12.12 Shikirdi	11
KVK, Sambalpur	In-service personnel	Group discussion with VAWs about insect pest of cereals for a training programme	24.12.12 KVK, Campus	6

KVK, Sambalpur	Vocational	Group discussion with farmers about honey bee and fix the training programme	9.1.2012 KVK, Sambalpur	10
KVK, Sambalpur	Farmer/Farm women	Field visit –during field visit interested for stored grain pest of mules	13.2.2012 Basantpur	9
KVK, Sambalpur	Farmer/Farm women	Field visit-During field visit interested for insect pest of mango	27.2.2012 Sahajbahal	7
KVK, Sambalpur	Farmer/Farm women	Group discussion with farmers about stored grain pest of cereals and fix the training programme.	16.3.2012 KVK, campus	6
KVK, Sambalpur	Rural Youth	Field visit –during diagnostic field visit interested for bio pesticide and made a group discussion and fix the training programme	18.3.2012 Dangarpada	8
KVK, Sambalpur	In-service personnel	Group discussion about bio pesticide and bioagents and fix the training programme	19.3.2012 KVK, Campus	9
KVK, Sambalpur	Farmer/Farm women	Contact AAO, Sambalpur	15.7.2011 Sambalpur	1
KVK, Sambalpur	Farmer/Farm women	Group discussion was made with farmers regarding training programme	18.8.2011 KVK, Campus	6
KVK, Sambalpur	Rural Youth	Group discussion was made with farmers regarding training programme	20.8.2011 KVK, Campus	8
KVK, Sambalpur	Vocational	Group discussion was made with farmers regarding training programme	3.09.2011 KVK, Campus	6
KVK, Sambalpur	Farmer/Farm women	Farmers of Shikirdi village visited to KVK, campus and interested to take training	15.09.2011 KVK, Campus	4
KVK, Sambalpur	Farmer/Farm women	Discuss with farmers of Shikirdi village	15.102011 Sikirdi	16
KVK, Sambalpur	Farmer/Farm women	Farmers visited to KVK, campus and interested to take training	21.10.2011 KVK,Campus	8
KVK, Sambalpur	Farmer/Farm women	Field visit and survey	9.11.2011 Dangarpada	16
KVK, Sambalpur	Farmer/Farm women	By contacting Horticulturist over telephone	12.12.2011 Over Telephone	1
KVK, Sambalpur	Farmer/Farm women	Discuss with farmer visited to KVK, campus	10.01.2012 KVK, Campus	4
KVK, Sambalpur	In-service personnel	By contacting Horticulturist over telephone	12.1.2012 Over Telephone	1
KVK, Sambalpur	Rural Youth	Discuss with farmer visited to KVK, campus	2.2.2012 KVK, campus	1
KVK, Sambalpur	Farmer/Farm women	Contact and discuss with Horticulturist,	20.3.2012 Thakurpalli	4
KVK, Sambalpur	Farmer/Farm women	Group discussion with AWW of Nuajamunda regarding training programme	7.4.2011 Nuajamunda	1

KVK, Sambalpur	Farmer/Farm women	Field visit and group discussion with the farmers and also discussed with CDPO, Dhankauda	17.5.2011 Katapalli	4
KVK, Sambalpur	Farmer/Farm women	Discussed with SARC NGO president regarding training programme	10.6.2011 Budulapalli	1
KVK, Sambalpur	Farmer/Farm women	Discussed with farmers at KVK, camps and telephonic discussion with the farm women	28.6.2011 KVK, Campus	8
KVK, Sambalpur	Rural Youth	Farm women visited to KVK campus and discuss regarding training programme	4.7.2011 KVK, campus	8
KVK, Sambalpur	Farmer/Farm women	By contact NGO members of Kudapada & farm women regarding training programme	10.6.2011 Kudapada	8
KVK, Sambalpur	Vocational	Discussed with CDPO and Supervisor of Dhankauda	21.7.2011 Over telephone	2
KVK, Sambalpur	In-service personnel	Discussed with CDPO & AWW of Dhankauda block	26.8.2011 Over telephone	2
KVK, Sambalpur	Farmer/Farm women	By contacting SHG members and leaders of village Kechupani	14.9.2011 KVK, campus	3
KVK, Sambalpur	Vocational	Contacting school dropouts of nearby villages and discussed with AWW	26.9.2011 KVK, campus	3
KVK, Sambalpur	Farmer/Farm women	Discussed with villagers and AWW of Katapalli Sector	19.10.2011 Shikirdi	8
KVK, Sambalpur	Farmer/Farm women	Contacting CDPO and President and Secretary of Aliva SHG	25.10.2011 Bulbuspur	8
KVK, Sambalpur	In-service personnel	Discussed with Rengali CDPO and supervisor	22.11.2011 Rengali	8
KVK, Sambalpur	Farmer/Farm women	Farm women visited to KVK and discuss regarding training programme	15.12.2011 KVK, Campus	4
KVK, Sambalpur	Rural Youth	Farm women visited to KVK and discuss regarding training programme	17.12.2011 KVK, Campus	7
KVK, Sambalpur	In-service personnel	Farm women visited to KVK and discuss regarding training programme	5.01.2012 KVK, Campus	5
KVK, Sambalpur	Farmer/Farm women	By contacting Horticulturist of Sambalpur regarding training programme	3.2.2012 Sambalpur	1
KVK, Sambalpur	Farmer/Farm women	By survey, Contacting CDPO, Dhankauda	9.2.2012 KVK, campus	8
KVK, Sambalpur	Vocational	Group discussion with the unemployed rural youths of Garamunda, Dangarpada at KVK, Sambalpur	22.04.2011 KVK, Campus	5
KVK, Sambalpur	Rural Youth	Group discussion with the farmers of Putiapalli at KVK, Sambalpur	13.05.2011 KVK, Campus	6
KVK, Sambalpur	Vocational	Group discussion with the unemployed rural youths of Bhagudia, Satupalli at KVK, Sambalpur	15.07.2011 Bhalgudia	4

KVK, Sambalpur	In-service personnel	Discuss with DDA, Sambalpur	17.07.2011 Sambalpur	1
KVK, Sambalpur	Rural Youth	Discuss with rural youth of Rupapalli, Bhagudia at KVK, Sambalpur	5.8.2011 KVK, Campus	4
KVK, Sambalpur	Rural Youth	Discuss with farmers club members of Dangarpada	8.09.2011 Dangarpada	15
KVK, Sambalpur	Rural Youth	Discuss with young farmer of Sahajbahal	15.10.2011 Sahajbahal	8
KVK, Sambalpur	Rural Youth	Discuss with farmers of Satupalli, Gobindpalli	21.11.2011 KVK, Campus	6
KVK, Sambalpur	Rural Youth	Discuss with rural youth of Charpalli, Gobindpalli	24.12.2011 KVK, Campus	8
KVK, Sambalpur	Rural Youth	Group discussion of farmers club members of Dangarpada	14.01.2012 Dangarpada	20
KVK, Sambalpur	Rural Youth	Group discussion of Rural Youth members of Dangarpada	20.03.2011 KVK, campus	4
KVK, Sambalpur	Rural Youth	Group discussion of farmers club members of Basantpur	24.3.2011 KVK, Campus	14
KVK, Sambalpur	Farmer/Farm women	Discuss with farmers of pulse crop at Dangarpada	15.10.2011 Dangarpada	8
KVK, Sambalpur	Farmer/Farm women	Discuss with farmers of Oilseed crop of Basantpur	20.2.2011 Basantpur	12
KVK, Sambalpur	Farmer/Farm women	Discuss with farmers of Oilseed crop of Basantpur	23.3.2011 Basantpur	15
KVK, Sambalpur	Farmer/Farm women	Group discussion with the farmers of Tulundi at KVK, Sambalpur	28.05.2011 KVK, Sambalpur	10
KVK, Sambalpur	Farmer/Farm women	Discussion with the officer of Horticulture department, Sambalpur	24.06.2011 Dept. Horticulture Sambalpur	2
KVK, Sambalpur	Farmer/Farm women	Discussion with Scientist of RRTTS, Chiplima and farmers of Kudapada	16.07.2011 RRTTS, Chiplima, KVK, Sambalpur	11
KVK, Sambalpur	Farmer/Farm women	Discussion Asst. Agri. Engg. DDA, Sambalpur and farmers	15.07.2011 DDA, Sambalpur	5
KVK, Sambalpur	Farmer/Farm women	Discuss with the farmers of village Kudapalli	17.08.2011 Kudapalli	20
KVK, Sambalpur	Vocational	Group discussion with the unemployed rural youth at Farmers club of Rupapalli	16.08.2011 Rupalli, Satupalli	8
KVK, Sambalpur	Farmer/Farm women	Discussion with Soil Conservation officer Burla over phone	20.09.2011 Over phone	1
KVK, Sambalpur	Rural Youth	Group discussion with the rural youth of Charpalli village	23.09.2011 Charpalli	20
KVK, Sambalpur	In-service personnel	Discuss with Horticulturist of Sambalpur over telephone	22.10.2011 Over telephone	1
KVK, Sambalpur	Farmer/Farm women	Discussion with the farmers at village Charpalli	22.10.2011 Charpalli	22
KVK, Sambalpur	Rural Youth	Discuss with the farmers club members of Rupapalli, Gadamunda at KVK Campus	19.11.2011 KVK, Campus	13

KVK, Sambalpur	Farmer/Farm women	Discussion with the farmers of Sahaspur, Khunti at KVK, Sambalpur	19.11.2011 KVK, Campus	3
KVK, Sambalpur	Farmer/Farm women	Discussion with SCO Burla	23.12.2011 Burla	1
KVK, Sambalpur	Vocational	Discuss with unemployed rural youth of Kudapalli	23.12.2011 KVK, Campus	4
KVK, Sambalpur	Farmer/Farm women	Discussion with the Farmers of Shkridi	10.1.2012 Shikirdi	17
KVK, Sambalpur	In-service personnel	Discuss with Horticulturist of Sambalpur at Sambalpur	21.01.2012 Sambalpur	1
KVK, Sambalpur	Farmer/Farm women	Discussion with the Farmers of Sinhikanta	21.02.2012 KVK, Campus	6
KVK, Sambalpur	Farmer/Farm women	Group discussion with the farmers of Gindilapalli	26.3.2012 KVK, Campus	5

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	Cate-gory	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**	**9**	**10**	**11**	**12**	**13**	**14**		
Sambalpur	FW	OFC	CRP	Management of acid soil for better productivity	1	1	-	-	3	-	10	-	12	-
Sambalpur	FW	OFC	CRP	INM in hybrid maize	1	1	6	-	1	-	11	-	7	-
Sambalpur	FW	ONC	CRP	Water management in Kharif rice	1	2	6	-	4	-	11	-	4	-
Sambalpur	FW	OFC	CRP	Weed management in rice	1	1	-	-	22	-	2	-	1	-
Sambalpur	FW	ONC	CRP	SRI method of rice cultivation	1	2	-	-	3	-	4	-	18	-
Sambalpur	FW	OFC	CRP	INM in paddy	1	1	4	-	1	2	9	-	7	2
Sambalpur	FW	OFC	CRP	Use of Biofertilizer in pulses	1	1	2	-	2	-	3	-	18	-
Sambalpur	FW	OFC	CRP	Integrated Nutrient management in Groundnut	1	1	-	-	1	-+	18	-	6	-
Sambalpur	IS	ONC	CRP	Vermicompost-its importance, Preparation and production	1	2	2	3	1	-	1	-	6	2
Sambalpur	FW	ONC	CRP	Integrated Nutrient management in Rice-Pulse System	1	1	2	4	-	2	-	3	7	7
Sambalpur	FW	OFC	CRP	Role/use of Bio fertilizer in pulses	1	1	6	-	-	-	6	-	13	-
Sambalpur	IS	ONC	CRP	Integrated farming system for higher productivity	1	2	3	-	3	-	1	-	8	-
Sambalpur	FW	ONC	CRP	Integrated farming system for higher productivity	1	2	2	-	4	-	9	-	10	-
Sambalpur	FW	OFC	CRP	Organic farming for sustainable agriculture	1	1	1	-	2	-	14	-	8	-
Sambalpur	FW	OFC	PLP	IPM for stem borer in paddy	1	1	2	1	3	2	9	6	2	0

Name of KVK	Cate-gory	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**	**9**	**10**	**11**	**12**	**13**	**14**		
Sambalpur	FW	ONC	PLP	IDM in paddy	1	2	4	0	4	0	3	0	14	0
Sambalpur	FW	OFC	PLP	YVMV Management in Okra	1	1	5	4	6	2	3	2	3	0
Sambalpur	FW	ONC	PLP	IPM in brinjal for fruit and shoot borer	1	2	0	0	16	0	7	0	2	0
Sambalpur	FW	OFC	PLP	Fruitfly management in pumpkin	1	1	0	0	0	0	7	0	13	5
Sambalpur	FW	OFC	PLP	IDM for leafcurl disease in chilli	1	1	0	0	0	0	12	4	3	6
Sambalpur	FW	OFC	PLP	IPM for DBM in cauliflower	1	1	0	0	0	1	6	1	7	10
Sambalpur	FW	OFC	PLP	Management of aphid in mustard	1	1	8	0	3	0	14	0	0	0
Sambalpur	FW	ONC	PLP	IPM in maize	1	2	2	0	5	0	2	0	16	0
Sambalpur	FW	OFC	PLP	IDM in banana	1	1	0	0	0	0	2	1	14	8
Sambalpur	FW	OFC	PLP	Management of YMV in greengram	1	1	2	1	1	0	2	2	6	11
Sambalpur	FW	OFC	PLP	IPM in sunflower	1	1	0	0	1	0	21	0	3	0
Sambalpur	FW	OFC	PLP	Storage pest management in pulses	1	1	1	0	6	0	3	0	15	0
Sambalpur	FW	ONC	PLP	IPM in mango	1	2	2	0	0	0	4	0	19	0
Sambalpur	FW	OFC	PLP	Storage pest management in cereals	1	1	0	0	2	0	4	0	12	7
Sambalpur	RY	ONC	PLP	Protected cultivation of vegetable crops	1	2	3	0	2	1	1	2	5	1
Sambalpur	RY	ONC	PLP	Production and use of biopesticides in different crops	1	2	0	0	1	0	2	0	12	0
Sambalpur	IS	ONC	PLP	IPM in cereals	1	2	1	2	2	1	1	0	6	2
Sambalpur	IS	ONC	PLP	Production and use of bio pesticide and bio agents in different crops	1	2	2	1	3	0	0	0	8	1
Sambalpur	FW	OFC	HOV	Scientific method of banana cultivation	1	1	3	9	2	1	2	0	1	7
Sambalpur	FW	ONC	HOV	Improved method of brinjal cultivation	1	2	3	2	6	0	1	0	10	3
Sambalpur	RY	ONC	HOF	Floriculture and avenue for income generation	1	2	0	0	7	0	1	0	7	0
Sambalpur	FW	OFC	HOV	Cultivation of high yielding tomato	1	1	5	0	8	0	9	0	3	0
Sambalpur	FW	ONC	HOV	Scientific method of hybrid cabbage cultivation	1	2	5	8	2	6	1	0	3	0

Name of KVK	Cate-gory	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**	**9**	**10**	**11**	**12**	**13**	**14**		
Sambalpur	FW	OFC	HOV	Integrated nutrient management in cauliflower	1	1	5	0	2	0	8	0	10	0
Sambalpur	FW	OFC	HOV	Cultivation of high yielding variety Onion	1	1	1	0	1	1	1	1	17	3
Sambalpur	FW	OFF	HOV	INM in Kuchinda Chilli	1	1	0	10	0	0	1	0	6	8
Sambalpur	FW	ONC	HOV	Cultivation techniques of cucurbitaceous crop	1	2	4	4	5	0	0	0	4	8
Sambalpur	IS	OFF	HOV	Protected cultivation	1	1	5	1	1	0	2	2	3	1
Sambalpur	RY	ONC	HOF	Fruit nursery raising for income generation	1	2	0	0	0	0	0	5	0	10
Sambalpur	FW	OFC	HOV	Cultivation technology of hybrid papaya	1	1	2	0	2	0	10	0	11	0
Sambalpur	FW	OFC	WOE	Backyard nutritional gardening for nutritional security	1	1	0	3	0	0	0	22	0	0
Sambalpur	FW	OFC	WOE	Women friendly Groudnut decorticator	1	1	0	2	0	5	0	2	0	16
Sambalpur	FW	OFC	WOE	Azolla Cultivation	1	1	-	9	-	2	-	12	-	2
Sambalpur	FW	ONC	WOE	Enhancing the livelihood of farm women through pady straw mushroom cultivation	1	2	-	5	-	1	-	3	-	16
Sambalpur	RY	ONC	WOE	Production of vermicompost as an organic manure for rural youth	1	2	-	3	-	3	-	1	-	8
Sambalpur	FW	OFC	WOE	Enhancing the livelihood of Farm women through paddy straw mushroom cultivation	1	1	-	-	-	-	-	17	-	8
Sambalpur	IS	ONC	WOE	Development and management of vegetable bursary by women SHG for income generation	1	2	-	8	-	3	-	1	-	3
Sambalpur	FW	OFC	WOE	Economic upliftment of rural women through fabric printing	1	1	-	-	-	11	-	14	-	-
Sambalpur	FW	OFC	WOE	Maize sheller and Bhendi plucker – A drudgery reduction and high efficiency implements	1	1	-	1	-	-	-	24	-	-
Sambalpur	FW	OFC	WOE	Economic upliftment of rural women through marigold cultivation	1	1	-	-	-	6	-	3	-	16
Sambalpur	IS	ONC	WOE	Balanced diet for pregnant and lactating women	1	2	-	3	-	-	-	2	-	10

Name of KVK	Cate-gory	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**	**9**	**10**	**11**	**12**	**13**	**14**		
Sambalpur	FW	ONC	WOE	Enhancing the livelihood of farm women through Oyster mushroom cultivation	1	2	-	8	-	-	-	11	-	6
Sambalpur	RY	ONC	WOE	Oyster mushroom cultivation as economic activity for rural youth	1	2	-	14		-	-	-	-	1
Sambalpur	FW	ONC	WOE	Backyard poultry rearing for farm women for economic upliftment of rural women	1	2	-	3	-	5	-	8	-	9
Sambalpur	FW	OFC	WOE	Conservation of nutrient during cooking and processing	1	1	-	9	-	4	-	6	-	6
Sambalpur	FW	OFC	WOE	Value addition of tomato for economic upliftment	1	1	-	10	-	2	-	-	-	13
Sambalpur	RYH	ONC	OTH	Formation and management of SHG	1	2	-	-	5	-	1	-	9	-
Sambalpur	IS	OFC	OTH	Formation and management of SHG	1	1	-	-	1	1	-	-	11	2
Sambalpur	RYH	OFC	OTH	Train rural youth for land based enterprises to utilize their resources	1	1	1	2	1	-	-	-	8	4
Sambalpur	RYH	ONC	OTH	Income generation activities through value addition of agricultural product	1	2	8	-	3	-	-	-	4	-
Sambalpur	RYH	ONC	OTH	Train farmers on agro consultancy	1	2	-	-	4	-	-	-	11	-
Sambalpur	RYH	ONC	OTH	Indigenous method of storage grains	1	2	1	-	6	-	-	-	8	-
Sambalpur	RYH	ONC	OTH	Constraint analysis though PRA	1	2	1	-	4	-	-	-	10	-
Sambalpur	RYH	OFC	OTH	Income generating activities for school dropouts	1	1	-	-	1	-	2	-	12	-
Sambalpur	RYH	ONC	OTH	Indigenous method of storage grains	1	1	-	-	-	-	-	-	15	-
Sambalpur	RYH	OFC	OTH	Gender mainstreaming in agriculture	1	1	-	-	2	-	-	-	13	-
Sambalpur	FW	OFC	OTH	Full package and practices of Arhar cultivation	1	1	-	-	-	4	-	-	8	13
Sambalpur	FW	OFC	OTH	Full package and practices of groundnut cultivation	1	1	-	-	15	-	-	-	10	-
Sambalpur	FW	OFC	OTH	INM in groundnut cultivation	1	1	-	-	11	-	-	-	14	-
Sambalpur	FW	OFC	AEG	Paddy nursery raising for self propelled paddy transplanter	1	1	3	-	14	-	3	-	5	-

Name of KVK	Cate-gory	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**	**9**	**10**	**11**	**12**	**13**	**14**		
Sambalpur	FW	ONC	AEG	Low cost onion storage structure	1	1	2	-	10	-	5	-	8	-
Sambalpur	FW	OFC	AEG	Use of raised bed and sunken bed system in low land	1	1	1	-	7	1	12	2	2	-
Sambalpur	FW	ONC	AEG	Mechanisation of paddy transplanting	1	2	5	-	11	-	1	-	8	-
Sambalpur	FW	OFC	AEG	Various weeding implements in paddy crop	1	1	-	2	9	1	8	5	-	-
Sambalpur	FW	OFC	AEg	Artificial ground water recharge	1	1	1	-	5	-	1	-	18	-
Sambalpur	RYH	ONC	AEG	Repair and maintenance of power tiller	1	2	1	-	2	-	7	-	5	-
Sambalpur	IS	ONC	AEG	Use of poly house for nursery raising	1	2	11	4	-	-	-	-	-	-
Sambalpur	FW	ONC	AEG	Harvesting of groundnut by groundnut digger and shaker	1	2	2	-	8	-	4	-	11	-
Sambalpur	RY	ONC	AEG	Use and construction of poly house	1	2	-	-	4	-	6	-	5	-
Sambalpur	FW	OFC	AEG	Harvesting of paddy crop by self propelled paddy reaper	1	1	2	-	12	5	3	-	3	-
Sambalpur	FW	ONC	AEG	Various rain water harvesting structure	1	1	1	-	6	-	10	-	8	-
Sambalpur	FW	OFC	AEG	Importance of field bunding and field channel	1	1	2	-	4	-	6	-	13	-
Sambalpur	IS	ONC	AEG	Various modern agricultural implements for harvesting field crop	1	2	5	1	1	-	2	2	3	1
Sambalpur	FW	OFC	AEG	Use of low cost mulching in drip irrigation system	1	1	7	-	5	-	4	-	9	-
Sambalpur	FW	ONC	AEG	Summer ploughing by disc plough	1	2	3	-	7	-	5	-	10	-
Sambalpur														

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
Sambalpur	Paddy seed production	Paddy	Income generation	5	-	-	5	-	-	--
Sambalpur	Bee keeping for self employment	APIARY	Other	5	0	0	0	0	5	0
Sambalpur	Vegetable nursery raising for income generation	Vegetable	Income generation	5	1	0	0	0	4	0
Sambalpur	Development of vegetable nursery for income generation	Vegetable	Income generation	5	-	5	-	-	-	-

	of rural youth									
Sambalpur	Enterprenurship development by rural women through mushroom cultivation	Enterprise	Income generation	5	-	4	-	-	-	1
Sambalpur	Income generating activities for school dropouts	Enterprise	Income generation	5	-	-	-	-	5	-
Sambalpur	Group mobilization technique	Enterprise	Group mobilization	5	-	-	-	-	5	-
Sambalpur	Construction and maintenance of gobor gas plant	Gobor gas plant	Renewable energy	5	2	-	1	-	2	
Sambalpur	Repair and maintenance of Tractor	Tractor	Farm mechanization	5	2	-	1	-	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 else where
		Type of units	Number of units	Number of persons employed	
Sambalpur	Value addition	Papad making	1	8	-
Sambalpur	Mushroom cultivation	Mushroom unit	1	-	-

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)	Dura-tion (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Sambalpur	Training on scaling up of water productivity in agriculture for livelihood	Water management	Water management	FW	7	28	30	-	20	-	-	-	AICRP on water management, OUAT, Chiplima	66500.00
Sambalpur	Value addition to Kuchinda Chilli	Value addition	Value addition	FW	2	10	35	-	15	-	-	-	AICRP on MAP & Betelvine , OUAT, Bhubaneswar	75000.00

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

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)	Dura-tion (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	
Sambalpur	Management of acid soil for better productivity	25	40	60	11	12	3500	5500	1. Area expanded (ha)- 12 2. No. of farmers adopted (no.)- 62 3. % change in knowledge-50 % change in production-19 % change in Income-57
Sambalpur	INM in hybrid maize	25	35	65	38	45	11900	17500	1. Area expanded (ha)- 7 2. No. of farmers adopted (no.)-48 3. % change in knowledge-86 % change in production-18 % change in Income-47
Sambalpur	Water management in Kharif rice	25	46	70	38	41	16000	19000	1. Area expanded (ha)-14 2. No. of farmers adopted (no.)-66 3. % change in knowledge-52 % change in production-8 % change in Income-19
Sambalpur	Weed management in rice	25	35	66	42	45	15000	19000	1. Area expanded (ha)- 18 2. No. of farmers adopted (no.)- 108 3. % change in knowledge-88 % change in production-7 % change in Income-27
Sambalpur	SRI method of rice cultivation	25	30	75	44	52	17000	25000	1. Area expanded (ha)-15 2. No. of farmers adopted (no.)- 45 3. % change in knowledge-150 % change in production-18 % change in Income-47
Sambalpur	INM in paddy	25	40	82	38	42	16000	20000	1. Area expanded (ha)-12 2. No. of farmers adopted (no.)- 35 3. % change in knowledge-105 % change in production-11 % change in Income-25
Sambalpur	Use of Biofertilizer in pulses	25	20	70	3.5	4.5	8000	13000	1. Area expanded (ha)-3 2. No. of farmers adopted (no.)- 27 3. % change in knowledge-250 % change in production-29 % change in Income-62.5
Sambalpur	Integrated Nutrient management in Groundnut								Impact study is not yet done

Sambalpur	Vermicompost-its importance, Preparation and production								Impact study is not yet done
Sambalpur	Integrated Nutrient management in Rice-Pulse System								Impact study is not yet done
Sambalpur	Role/use of Bio fertilizer in pulses								Impact study is not yet done
Sambalpur	Integrated farming system for higher productivity								Impact study is not yet done
Sambalpur	Integrated farming system for higher productivity								Impact study is not yet done
Sambalpur	Organic farming for sustainable agriculture								Impact study is not yet done
Sambalpur	IPM for stem borer in paddy	25	42	68	36	44	13000	17320	1. Area expanded (ha)-400 2. No. of farmers adopted (no.)- 740 3. % change in knowledge-61.22
Sambalpur	IDM in paddy	25	38	59	37	46	12000	16500	1. Area expanded (ha)-500 2. No. of farmers adopted (no.)- 850 3. % change in knowledge-55.24
Sambalpur	YVMV Management in Okra	25	21	43	112	135	32000	44380	1. Area expanded (ha)-30 2. No. of farmers adopted (no.)- 50 3. % change in knowledge-104.2
Sambalpur	IPM in brinjal for fruit and shoot borer	25	35	65	185	224	39000	525001	1. Area expanded (ha)-38 2. No. of farmers adopted (no.)-62 3. % change in knowledge-85.21
Sambalpur	Fruitfly management in pumpkin	25	12	33	214	248	30200	40600	1. Area expanded (ha)-13 2. No. of farmers adopted (no.)- 16 3. % change in knowledge-175.15
Sambalpur	IDM for leafcurl disease in chilli	25	39	64	47	56	40000	48000	1. Area expanded (ha)-80 2. No. of farmers adopted (no.)- 100 3. % change in knowledge-64.19
Sambalpur	IPM for DBM in cauliflower	25	29	48	162	204	30300	40600	1. Area expanded (ha)-35 2. No. of farmers adopted (no.)- 56 3. % change in knowledge-65.25
Sambalpur	Management of aphid in mustard	25	38	72	6.8	8.2	6000	10200	1. Area expanded (ha)-30 2. No. of farmers adopted (no.)- 58 3. % change in knowledge-89.2
Sambalpur	IPM in maize	25	28	60	34	48	5000	13000	1. Area expanded (ha)-70 2. No. of farmers adopted (no.)- 150 3. % change in knowledge-114.41

Sambalpur	IDM in banana	25	19	39	-	-	-	-	1. Area expanded (ha)-25 2. No. of farmers adopted (no.)- 45 3. % change in knowledge-105
Sambalpur	Management of YMV in greengram	25	26	58	5.1	6.8	5000	11000	1. Area expanded (ha)-50 2. No. of farmers adopted (no.)- 80 3. % change in knowledge-123.33
Sambalpur	IPM in sunflower	25	18	46	10	14	8500	15000	1. Area expanded (ha)-15 2. No. of farmers adopted (no.)- 25 3. % change in knowledge-155.6
Sambalpur	Storage pest management in pulses	25	39	72	-	-	-	-	1. Area expanded (ha)- 2. No. of farmers adopted (no.)- 55 3. % change in knowledge-84
Sambalpur	IPM in mango	25	21	48	-	-	-	-	1. Area expanded (ha)-40 2. No. of farmers adopted (no.)- 48 3. % change in knowledge-128.3
Sambalpur	Storage pest management in cereals	25	29	68	-	-	-	-	1. Area expanded (ha)-- 2. No. of farmers adopted (no.)- 60 3. % change in knowledge-100
Sambalpur	Protected cultivation of vegetable crops	15	32	68	-	-	-	-	1. Area expanded (ha)-50 2. No. of farmers adopted (no.)- 75 3. % change in knowledge-112
Sambalpur	Production and use of biopesticides in different crops	15	31	70	-	-	-	-	1. Area expanded (ha)-30 2. No. of farmers adopted (no.)- 50 3. % change in knowledge-387.75
Sambalpur	Bee keeping	5	8	39	4	7	1200	2800	1. Area expanded (ha)-100 box 2. No. of farmers adopted (no.)--50 3. % change in knowledge-387.75
Sambalpur	IPM in cereals	15	49	76	-	-	-	-	1. % change in knowledge-55
Sambalpur	Production and use of bio pesticide and bio agents in different crops	15	48	89	-	-	-	-	1. % change in knowledge-85
Sambalpur	Scientific method of banana cultivation	25	30	42					1. Area expanded (ha)--8 2. No. of farmers adopted (no.)-15 3. % change in Income-10
Sambalpur	Improved method of brinjal cultivation	25	32	51					1. Area expanded (ha)--9 2. No. of farmers adopted (no.)-20 3. % change in Income-25
Sambalpur	Floriculture and avenue for income generation	15	19	33					1. Area expanded (ha)--3 2. No. of farmers adopted (no.)-10 3. % change in Income-20
Sambalpur	Vegetable nursery	5	32	70					1. Area expanded (ha)--4 2. No. of farmers adopted (no.)-15 3. % change in Income-23

Sambalpur	Cultivation of high yielding tomato	25	20	34					1. Area expanded (ha)--10 2. No. of farmers adopted (no.)-20 3. % change in Income-25
Sambalpur	Scientific method of hybrid cabbage cultivation	25	15	25					1. Area expanded (ha)--12 2. No. of farmers adopted (no.)-19 3. % change in Income-18
Sambalpur	Integrated nutrient management in cauliflower	25	25	36					1. Area expanded (ha)--8 2. No. of farmers adopted (no.)-15 3. % change in Income-20
Sambalpur	Cultivation of high yielding variety Onion	25	24	47					1. Area expanded (ha)--7 2. No. of farmers adopted (no.)-12 3. % change in Income-15
Sambalpur	INM in Kuchinda Chilli	25	30	65					1. Area expanded (ha)-4 2. No. of farmers adopted (no.)-10 3. % change in Income-20
Sambalpur	Cultivation techniques of cucurbitaceous crop	25	34	62					1. Area expanded (ha)--5 2. No. of farmers adopted (no.)-15 3. % change in Income-20
Sambalpur	Protected cultivation	15	15	20					1. Area expanded (ha)--2 2. No. of farmers adopted (no.)-3 3. % change in Income-5
Sambalpur	Fruit nursery raising for income generation	15	38	50					1. Area expanded (ha)--3 2. No. of farmers adopted (no.)-11 3. % change in Income-15
Sambalpur	Cultivation technology of hybrid papaya	25	47	57					1. Area expanded (ha)--7 2. No. of farmers adopted (no.)-11 3. % change in Income-25
Sambalpur	Backyard nutritional gardening for nutritional security	25	60	80					1. Area expanded (ha)--8 2. No. of farmers adopted (no.)-8 3. % change in Income-5
Sambalpur	Women friendly Groudnut decorticator	25	27	43					1. Area expanded (ha)--2 2. No. of farmers adopted (no.)-5
Sambalpur	Azolla Cultivation	25	15	19					1. Area expanded (ha)--5 2. No. of farmers adopted (no.)-8
Sambalpur	Enhancing the livelihood of farm women through paddy straw mushroom cultivation	25	32	48					1. Area expanded (ha)--9 2. No. of farmers adopted (no.)-10 3. % change in Income-15
Sambalpur	Production of vermicompost as an organic manure for rural youth	15	17	29					1. Area expanded (ha)--7 2. No. of farmers adopted (no.)-21

Sambalpur	Enhancing the livelihood of Farm women through paddy straw mushroom cultivation	25	26	38					1. Area expanded (ha)--9 2. No. of farmers adopted (no.)-10 3. % change in Income-15
Sambalpur	Development of vegetable nursery	5	25	30					1. Area expanded (ha)--3 2. No. of farmers adopted (no.)-12 3. % change in Income-4
Sambalpur	Development and management of vegetable nursary by women SHG for income generation	15	17	29					1. Area expanded (ha)--3 2. No. of farmers adopted (no.)-7 3. % change in Income-10
Sambalpur	Economic upliftment of rural women through fabric printing	25	20	32					1. Area expanded (ha)--2 2. No. of farmers adopted (no.)-5 3. % change in Income-5
Sambalpur	Enterprenurship development by rural women through mushroom cultivation	5	15	20					1. Area expanded (ha)--7 2. No. of farmers adopted (no.)-4 3. % change in Income-15
Sambalpur	Maize sheller and Bhendi plucker – A drudgery reduction and high efficiency implements	25	15	20					1. Area expanded (ha)--3 2. No. of farmers adopted (no.)-12
Sambalpur	Economic upliftment of rural women through marigold cultivation	25	50	70					1. Area expanded (ha)--2 2. No. of farmers adopted (no.)-20 3. % change in Income-30
Sambalpur	Balanced diet for pregnant and lactating women	15	30	40					1. Area expanded (ha)--5 2. No. of farmers adopted (no.)-12
Sambalpur	Enhancing the livelihood of farm women through Oyster mushroom cultivation	25	20	32					1. Area expanded (ha)--8 2. No. of farmers adopted (no.)-12 3. % change in Income-10
Sambalpur	Oyster mushroom cultivation as economic activity for rural youth	15	20	32					1. Area expanded (ha)--8 2. No. of farmers adopted (no.)-12 3. % change in Income-10

Sambalpur	Backyard poultry rearing for farm women for economic upliftment of rural women	25	15	20					1. Area expanded (ha)--8 2. No. of farmers adopted (no.)-15 3. % change in Income-5
Sambalpur	Conservation of nutrient during cooking and processing	25	15	25					1. No. of farmers adopted (no.)-12
Sambalpur	Value addition of tomato for economic upliftment	25	20	32					1. Area expanded (ha)-9 2. No. of farmers adopted (no.)-15 3. % change in Income-20
Sambalpur	Formation and management of SHG	15	10	45					1. % change in Knowledge-40
Sambalpur	Formation and management of SHG	15	15	40					1. % change in Knowledge-36
Sambalpur	Train rural youth for land based enterprises to utilize their resources	15	10	38					1. % change in Knowledge-46
Sambalpur	Income generation activities through value addition of agricultural product	15	15	45					1. % change in Knowledge-52
Sambalpur	Train farmers on agro consultancy	15	20	55					1. % change in Knowledge-25
Sambalpur	Indigenous method of storage grains	15	25	60					1. % change in Knowledge-15
Sambalpur	Constraint analysis though PRA	15	15	53					1. % change in Knowledge-26
Sambalpur	Income generating activities for school dropouts	15	18	56					1. % change in Knowledge-28
Sambalpur	Indigenous method of storage grains	15	20	55					1. % change in Knowledge-56
Sambalpur	Gender mainstreaming in agriculture	15	15	46					1. % change in Knowledge-47
Sambalpur	Full package and practices of Arhar cultivation	25	20	55					1. % change in Knowledge-58

Sambalpur	Full package and practices of groundnut cultivation	25	15	50					1. % change in Knowledge-35
Sambalpur	INM in groundnut cultivation	25	10	55					1. % change in Knowledge-47
Sambalpur	Income generating activities for school dropouts	5	20	35					1. % change in Knowledge-26
Sambalpur	Group mobilization technique	5	18	27					1. % change in Knowledge-48
Sambalpur	Paddy nursery raising for self propelled paddy transplanter	25	10	45	-	-	-	-	1. Area expanded – 300 ha 2. No. of farmers adopted (no.)-500 3. % change in knowledge(%)-350
Sambalpur	Low cost onion storage structure	25	15	40	-	-	-	-	1. Area expanded – 2. No. of farmers adopted (no.)- 3. % change in knowledge(%)-166
Sambalpur	Use of raised bed and sunken bed system in low land	25	10	38					1. Area expanded – 5ha 2. No. of farmers adopted (no.)-10 3. % change in knowledge(%)-280
Sambalpur	Mechanisation of paddy transplanting	25	15	45	-	-	-	-	1. Area expanded – 300 ha 2. No. of farmers adopted (no.)-500 3. % change in knowledge(%)-200
Sambalpur	Various weeding implements in paddy crop	25	20	55					1. Area expanded –630 ha 2. No. of farmers adopted (no.)-1025 3. % change in knowledge(%)-175
Sambalpur	Construction and management of gobor gas plant	5	25	60					1. Area expanded – 850 ha 2. No. of farmers adopted (no.)-850 3. % change in knowledge(%)-140
Sambalpur	Artificial ground water recharge	25	15	53					1. Area expanded – 500 ha 2. No. of farmers adopted (no.)-750 3. % change in knowledge(%)-253
Sambalpur	Repair and maintenance of power tiller	15	18	56					1. Area expanded –70 ha 2. No. of farmers adopted (no.)-95 3. % change in knowledge(%)-211
Sambalpur	Use of poly house for nursery raising	15	20	55					1. Area expanded – 12 ha 2. No. of farmers adopted (no.)-12 3. % change in knowledge(%)-175
Sambalpur	Harvesting of groundnut by groundnut digger and shaker	25	15	46					1. Area expanded – 50 ha 2. No. of farmers adopted (no.)-60 3. % change in knowledge(%)-206
Sambalpur	Use and construction of poly house	15	20	55					1. Area expanded – 12 ha 2. No. of farmers adopted (no.)-12 3. % change in knowledge(%)-175

Sambalpur	Harvesting of paddy crop by self propelled paddy reaper	25	15	50					1. Area expanded – 1250 ha 2. No. of farmers adopted (no.)-50 3. % change in knowledge(%)-233
Sambalpur	Various rain water harvesting structure	25	10	42					1. Area expanded –-1500 ha 2. No. of farmers adopted (no.)-300 3. % change in knowledge(%)-320
Sambalpur	Rapair and maintenance of tractor	5	10	35					1. Area expanded – ha 2. No. of farmers adopted (no.)-30 3. % change in knowledge(%)-250
Sambalpur	Importance of field bunding and field channel	25	15	45					1. Area expanded – 360 ha 2. No. of farmers adopted (no.)-250 3. % change in knowledge(%)-200
Sambalpur	Various modern agricultural implements for harvesting field crop	15	21	48					1. Area expanded – ha 2. No. of farmers adopted (no.)-875 3. % change in knowledge(%)-128
Sambalpur	Use of low cost mulching in drip irrigation system	25	25	58					1. Area expanded –58 ha 2. No. of farmers adopted (no.)-23 3. % change in knowledge(%)-132
Sambalpur	Summer ploughing by disc plough	25	20	40					1. Area expanded – 500 ha 2. No. of farmers adopted (no.)-150 3. % change in knowledge(%)-100

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			
Sambalpur	Field Day	15	15	129	250	90	81	5		Popularize the line transplanting of paddy by self propelled paddy transplanted Popularise the method of cutting of paddy crop by self propelled paddy reaper	Use of self propelled paddy transplanted for transplating of paddy Use of self paddy reaper for harvesting paddy	Transplanting stage Harvesting stage
Sambalpur	Kisan Mela	2	2	145	25	67	13					
Sambalpur	Kisan Ghosthi	-	-	-	-	-	-	-	-	-	-	-

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			
Sambalpur	Exhibition	2	2	116	46	74	14					
Sambalpur	Film Show	-	23	395	86	132	37					
Sambalpur	Method Demonstrations	-	-	-	-	-	-	-	-	-	-	-
Sambalpur	Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-
Sambalpur	Workshop	-	2	-	-	-	-	-	-	-	-	
Sambalpur	Group meetings	-	175	-	-	-	-	-	-	-	-	-
Sambalpur	Lectures delivered as resource persons	-	20	-	-	-	-	-	-	-	-	-
Sambalpur	Newspaper coverage	-	10	-	-	-	-	-	-	-	-	-
Sambalpur	Radio talks	-	20	-	-	-	-	-	-	-	-	-
Sambalpur	TV talks	-	30	-	-	-	-	-	-	-	-	-
Sambalpur	Popular articles	0	12	-	-	-	-	-	-	-	-	-
Sambalpur	Extension Literature	-	-	-	-	-	-	-	-	-	-	-
Sambalpur	Farm advisory Services	-	309	690	273	389	149					
Sambalpur	Scientific visit to farmers field	-	309	690	273	389	149					
Sambalpur	Farmers visit to KVK	-	880	447	84	259	90					
Sambalpur	Diagnostic visits	-	309	690	273	389	149					
Sambalpur	Exposure visits	-	-	-	-	-	-	-	-	-	-	-
Sambalpur	Ex-trainees Sammelan	1	1	11	2	1	1	-	-	-	-	-
Sambalpur	Soil health Camp	-	-	-	-	-	-	-	-	-	-	-
Sambalpur	Animal Health Camp	-	-	-	-	-	-	-	-	-	-	-
Sambalpur	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Sambalpur	Soil test campaigns	-	-	-	-	-	-	-	-	-	-	-
Sambalpur	Farm Science Club conveners meet	--	15	-	-	-	-	-	-	-	-	-
Sambalpur	Self Help Group conveners meetings	-	18	184				-	-	-	-	
Sambalpur	Mahila Mandals conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Sambalpur	Celebration of important days	3	3	100	17	16	17	-	-		Akaya Tritiya World food day Women in Agriculture day	

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

7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Sambalpur	1.7.2011	Quarterly	500	500
Sambalpur	1.10.2011	Quarterly	500	500
Sambalpur	1.1.2012	Quarterly	500	500

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**
Sambalpur	19.11.2011	Udyana Phasalare Bunda Jalasechana	Er. Gobind Chandra Dhal	500
Sambalpur	20.02.2012	Gramanchalare phala o paniparibara sarankhyana	Mrs Monalisa Pradhan	500

7.3 Details of Electronic Media Produced : nil

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

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
Sambalpur	Cereals	Paddy	Manaswini	SD	50 (unprocessed)	qtl	-	OSSC
Sambalpur	Oil seed	Groundnut (Kharif)	Smruti	SD	7.5	Qtl	38250	26
Sambalpur	Oil seed	Groundnut(Rabi)	Smruti	SD	Crops are in field	Qtl	-	-
Sambalpur	Pulses	Arhar	ICPL87119	SD	4.5	Qtl	Unprocessed	

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
Sambalpur	Vegetables	Tomato	Utkal raja	SD	Harvesting is going on			
Sambalpur	Vegetable seedling	Cabbage, Cauliflower, tomato, Onion, Brinjal, Chilli, Mango graft, Pointed gourd	Hybrid Deepa Utkal raja Bhima Super & Agrifound Dark red F_1 Hybrid Utkal Ava Amrapalli -	PM	54833	Nos	37631	265

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	
Sambalpur	Vegetable	Cabbage, Cauliflower, tomato, Onion, Brinjal, Chilli, Mango graft, Pointed gourd	September 2011	January 2012	-	Hybrid Deepa Utkal raja Bhima Super & Agrifound Dark red F_1 Hybrid Utkal Ava Amrapalli	PM	54833		37631.00	

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

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

8.4 Livestock and fisheries production : Nil

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
	Cattle						
	Buffalo						
	Sheep and Goat						
	Poultry						
	Fisheries						
	Others (Specify)						

9. Activities of Soil and Water Testing Laboratory

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

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
Sambalpur	Soil test	15	15	5	-

10. Rainwater Harvesting: Nil

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

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

11. Utilization of Farmers Hostel facilities

Accommodation available (No. of beds) : Nil

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)**

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
Sambalpur	Renovated old quarters of RRTTS, Chiplima and handed over in 2005	2005	4 D type 4. E type	4 1 R 2 D type	

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Sambalpur	8.08.2011	40	i) Soil amendment and soil analysis. ii) To conduct 2 field days i.e on critical stage and at harvesting stage to disseminate the technology . iii) To conduct 2 farmers fair i.e one at KVK Campus and one at village. iv) One Ex-trainee Samelan should be done in each quarter to study the impact. v) Crop diversification in low land. vi) Demonstration on use of different farm implements in agriculture. vii) Income generation through rearing of backyard poultry and vermi-composting of farm women viii) Drudgery reduction of farm women.

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

KVK Name	No. of messages sent	No. of beneficiary		Major recommendations
		Farmers	Ext. Pers.	
Sambalpur	70	26512	6766	Agronomy, Plant protection, Agril. Engg, Women in agriculture etc.

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

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Sambalpur	ATMA	State	100000.00	3	KVK, Farm	
Sambalpur	BGREI	RKVY	100000.00	Diagnostic visit	Sambalpur district	
Sambalpur	NHM					
	DRDA					
	Zila Panchyat					
	Seed village					
	NAIP					
	Climate Change					
	Others (Plz. Specify)					

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Sambalpur	31197772404	23182.00	56914.00	56914.00

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Sambalpur	Hemanta Kumar Nayak	Farmer	OUAT, Bhubaneswar	-

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

TITLE: Drip irrigation in Banana

Name of the KVK **KVK, Sambalpur**

TITLE : Drip Irrigation in Banana

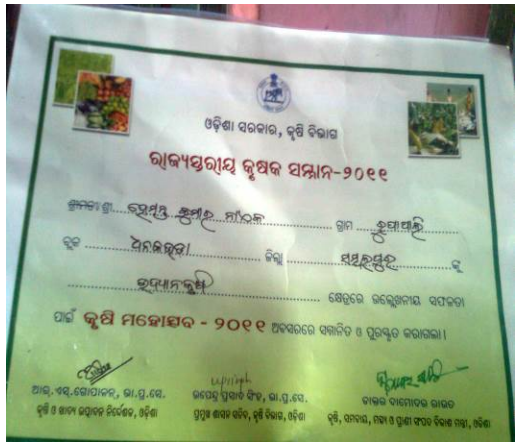
Introduction : Sri Hemanta Kumar Naik is a young dynamic graduate of Village – Rupapalli, Dhankauda Block of Sambalpur district. He has 20 acres of land in which he cultivates paddy. The net profit generated by him from paddy cultivation was not remunerative.

KVK intervention : In 2009-10 he contacted with K.V.K, Sambalpur and the scientists visited his field. As Banana is a demanding fruit in this locality and having good marketability, the scientists advocated him to go for banana cultivation. He was trained on scientific method of banana cultivation and use of micro irrigation system for higher productivity. Initially 1 acre of land was diverted to banana cultivation and by adopting this, he got a net profit of Rs.40,000/-. This inspire him to go for more area under banana cultivation.

Output : During the year 2010-11, he cultivated banana in 4 acres of land and also adopted drip-irrigation. He also introduced inter-cropping of Water Melon and Pumpkin for higher return. At the end of season, he manages to get a net profit of Rs.2.4 lakhs from (4 acres) banana, water melon and pumpkin. Now, he is so proud of his secured future and becomes an inspiration for many unemployed youth. He purchased additional 10 acres of land with this profit. He was awarded in the State Level Krishi Mahatsav, 2011 at Bhubaneswar for his excellent work.

Outcome : Crop diversification with available crops resulted higher income. By adopting banana cultivation the net profit was Rs. 40,000/- per acre as compared to rice (Rs. 8,000/-).Watermelon and pumpkin as intercrop in banana the net profit per acre can be enhanced to Rs. 60,000/-

Impact : Gradually now the area under drip in different horticulture crops like mango, litchi, lemon, papaya are increasing in other blocks like Maneswar, Kuchinda, Jamankira, Bamra, Rairakhol, Naktideol. Many educated young mass who are adopting the horticulture crops are now preferring the micro irrigation system for maximize the profit. Presently about 40 no of young mass engaged in full time in practicing horticultural crops with drip irrigation system. Presently in the district 57 ha of land is under drip irrigation.



Marigold Cultivation by Aliva SHG – A Success Story

Smt. Padmini Behera, resident of Aliva SHG, belongs to Village – Balbaspur, Dhankauda Block of District – Sambalpur. The Aliva SHG Group was started during 2001 with 12 members. Initially, they started vegetable and paddy cultivation traditionally for income generation. The profit generated by the SHG from vegetable and paddy cultivation was not very remunerative and satisfactory. In search of some alternative options, they contacted K.V.K, Sambalpur for advice and they were also tied up with the Horticulture Department for good quality of Marigold seedlings. The group was tied up with the local florist for marketing of marigold.

Presently, the SHG is cultivating marigold in an area of one acre and able to grow marigold round the year i.e. taking three crops in a year. During the year 2010-11, the group was able to sell Marigold to local market and got an income of Rs.60,000/- per season and got a net profit of Rs.45,000/- per season. In this way, the SHG group was able to get Rs.1,35,000/- in one year by cultivating Marigold in 1 acre of land.

Their success has persuaded other SHG members of the whole district to adopt this technology. After that, farmers and SHG members from the whole district have shown their keen interest to change their farming system. Due to their efforts and success the village has been named as “Marigold Village”.

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
Sambalpur	Dr. S.S. Pal Sr. Scientist, P.D.F.S.R, Modipuram, Merrut	12.8.2011	Scientist involvement is enthusiastic
Sambalpur	David Leisman Sr. Agriculturist, US Department of Agriculture, New Delhi	22.08.2011	Kind hospitality, took interest in explaining the important work undertaken by KVk
Sambalpur	S.B Reddy Head Agriculture, FICCI	22.08.2011	Great service to farmers
Sambalpur	Dr. B Gangwur Project Director, PDFSR, ICAR, Modipuram, Merrut	27.2.2012	Pursuing the ECF activities as good service to the farming community

21. Status of KVK Website: Under Construction

22. E-CONNECTIVITY- NA

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			

23. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Sambalpur	Gosthies	5	75	
Sambalpur	Lectures organized	10	150	
Sambalpur	Exhibition	-	-	
Sambalpur	Film show	10	150	
Sambalpur	Fair	0	0	
Sambalpur	Farm Visit	4	150	
Sambalpur	Diagnostic Practical's	7	150	
Sambalpur	Distribution of Literature (No.)	-	-	
	Distribution of Seed (q)	10	150	
Sambalpur	Distribution of Planting materials (No.)	5	150	
	Bio Product distribution (Kg)			
-	Bio Fertilizers (q)			
	Distribution of fingerlings (No)			
	Distribution of Livestock specimen (No.)			
Sambalpur	Total number of farmers visited the technology week		975	

24. INTERVENTIONS ON DROUGHT MITIGATION : Nil

Introduction of alternate crops/varieties

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

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		
	Total		

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No.of participants
	Dairy Management	5	119
	Disease management		
	Feed and fodder technology		
	Poultry management		

Animal health camps organised

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

(e) Bio-Fertilizer

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

(f) Verms Produced

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

(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:** kvksambalpurzpdvii.org.in

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) -

Power weeder in Paddy
Problem: More weeding cost & Labour crisis

Assessment of HYV paddy (Manaswini)
Problem: Low yield from local variety

Groundnut Decorticator
Problem: Low efficiency & High drudgery

IDM in Paddy for Sheath blight
Problem: low yield due to heavy incidence of sheath blight

Bhindi Plucker
Problem: More weeding cost & Labour crisis

Assessment of IPM in Okra to check YVMV
Problem: Low yield due to heavy infestation of YVMV

Programme Coordinator
KVK, Sambalpur