

REPORTING PERIOD – APRIL, 2012 TO MARCH, 2013

Summary of achievements during the reporting period

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
Deogarh	OFTs	16	100	16	100	
Deogarh	FLDs – Oilseeds (activity in ha)	10	30	10	30	
Deogarh	FLDs – Pulses (activity in ha)	10	30	10	30	
Deogarh	FLDs – Cotton (activity in ha)	0	0	0	0	
Deogarh	FLDs – Other than Oilseed and pulse crops(activity in ha)	16 (7.81)	87	18 (31.81)	147	
Deogarh	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	0	0	0	0	
Deogarh	Training-Farmers and farm women	55	1375	55	1375	
Deogarh	Training-Rural youths	12	160	12	160	
Deogarh	Training- Extension functionaries	9	90	9	90	
Deogarh	Extension Activities					
Deogarh	Seed Production (Number of activity as seeds in quintal)	2.0	45	1.73	45	
Deogarh	Planting material ((Number of activity as quantity of planting material in quintal)					
Deogarh	Seedling Production (Number of activity as number of seedlings in numbers)	40000		48100		
Deogarh	Sapling Production (Number of activity as number of sapling in numbers)					
Deogarh	Other Bio- products	10kg	40	11.750kg	48	
Deogarh	Live stock products	0	0	0	0	
Deogarh	SAC Meeting (Date & no. of core/official members	14.09.2012	18	14.09.2012	18	
Deogarh	Newsletters (no.)	4	2800	1	2800	
Deogarh	Publication (Research papers, popular article)	4	Mass	5	Mass	
Deogarh	Convergence programmes / Sponsored programmes	1	50	1	100	
Deogarh	KVK-ATMA Linkage programme (Number of activities)	5	100	10	320	
Deogarh	Outreach of KVK in the District (No. of blocks, no. of villages)	3(20)	-	3(34)	-	
Deogarh	Soil sample tested	35	35	35	35	
Deogarh	Water sample tested	0	0	0	0	
Deogarh	KMA (No. of messages & beneficiaries)	50	1000	50	1000	

1. GENERAL INFORMATION

1. 1.1. Staff Position (as on date31.03.2013)

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)
Deogarh	Programme Coordinator	Dr.K.C.Barik	Agronomy	PhD	Agronomy	PB2 (37400 – 67000) AGP-10000	51,400	28.10.09	Permanent	Others
Deogarh	Subject Matter Specialist1	Sri S. K. Sahoo	Horticulture	M.sc.(Hort.)	Horticulture	15600 – 39100) AGP-6000	19,810	19.7.2006	Permanent	Others
Deogarh	Subject Matter Specialist2	Sri. S.K.Nath	Agril Extension	M.sc.(Ag.)	Agril Extension	15600 – 39100) AGP-6000	20,590	05.08.09	Permanent	Others
Deogarh	Subject Matter Specialist3	Smt Anita Patro	Home Science	Msc.(H.Sc.)	Home Science	15600 – 39100) AGP-6000	17,610	18.12.09	Permanent	Others
Deogarh	Subject Matter Specialist4	Sri Laba Soren	Plant Pathology	M.sc.(Ag.)	Plant Pathology	15600 – 39100) GP-6000	17,610	24.12.09	Permanent	ST
Deogarh	Subject Matter Specialist5	Vacant								
Deogarh	Subject Matter Specialist6	Vacant								
Deogarh	Programme Assistant	Vacant								
Deogarh	Farm Manager	Vacant								
Deogarh	Computer Programmer	Sri Nihar Ranjan Baral	Computer	B.Sc.	Computer	9300 – 39100) GP-4200	11,940	10.08.2009	Permanent	Others
Deogarh	Accountant / superintendent	Vacant								
Deogarh	Stenographer	Sri Benudhar Moharana		B.A.		5200-20200 GP- 2400	6,700	11.10.2006	Contractual	Others
Deogarh	Driver	Sri Akura Mohapatra		10 th		5200-20200 GP- 1900	5,870	29.07.2008	Contractual	Others
Deogarh	Driver	Vacant								
Deogarh	Supporting staff	Sri Dwija Behera		9 th		4440-7440 GP- 1300	4,990	31.07.2008	Contractual	Others
Deogarh	Supporting staff	Sri Raghu Senapati		6 th		4440-7440 GP- 1300	4,990	31.07.2008	Contractual	Others

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

DISTRICT PROFILE		OUR PEOPLE		OUR AGRO CLIMATE		OUR LAND	
No. of Sub-Division	1	Population	312164	Agroclimatic zone	North-western Plateau	Total Area	2781.66 sq km
No. of Tehsil	3	Males	158017	Latitude	21° 31' 53" N	Forest land	1560.22 sq. km
No. of Blocks	3	Females	154147	Longitude	84° 43' 2" E	Irrigated area (32.22%)	Kharif : 15,887 ha. Rabi : 8,425 ha
No. of G.P	60	Literacy Rate	73.07%	Average rainfall	1582.5 mm	Net sown area	66800 ha
No. of Villages	774	Male : Female ratio	1000 : 976	Temperature	Max mean : 32.7 °C Min mean : 19.25 °C	Cropping intensity	189

Land utilization:

Sl. No.	Name of the Block	Cultivated Area				Paddy Area			
		High	Medium	Low	Total	High	Medium	Low	Total
1.	Tileibani	12219	5718	3863	21800	4419	5474	3863	13756
2.	Barkote	10708	6510	3582	20800	1408	6079	3582	11079
3.	Reamal	11429	8721	4050	24200	1729	8396	4050	14175
	TOTAL	34356	20949	11495	66800	7556	19949	11495	39000

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)
Deogarh	Kailash	2011	Tileibani	20	385	85
Deogarh	Bindipur	2012	Tileibani	25	410	82
Deogarh	Gurjanga	2012	Barkote	60	210	33
Deogarh	Landijhari	2012	Barkote	55	737	106
Deogarh	Dhauragoth	2011	Reamal	25	376	78

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

KVK Name	THRUST AREA
Deogarh	Selection of suitable rainfed upland farming system in plateau eco system
Deogarh	Crop diversification in rainfed upland
Deogarh	Varietal substitution in field and horticultural crops
Deogarh	Off-season vegetable cultivation
Deogarh	Commercial cultivation of vegetables, fruits, flowers, spices, medicinal and aromatic crops.
Deogarh	Introduction of more remunerative new crops into the cropping system
Deogarh	Production of quality seed and planting materials in different major crops of the district.
Deogarh	Rejuvenation of existing orchards
Deogarh	Management of Acid soil for higher productivity
Deogarh	INM in different crops
Deogarh	Yield enhancement of cereals, pulses, oilseeds, fruit & vegetable crops through implementation of proper IPM strategies
Deogarh	Water management & soil-water conservation
Deogarh	Farm mechanization
Deogarh	Better & efficient utilization of forest produce for income generation of rural poor
Deogarh	Agro based income generation activities to rural youths and farm women
Deogarh	Organization of farmers clubs/associations in the district
Deogarh	Drudgery reduction of farm women
Deogarh	Food and nutritional security
Deogarh	Poultry, duckery, goaterly and dairy farming

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

KVK Name	Problem identified	Methods of problem identification
Deogarh	65% of the soil is acidic	Secondary data collection, meeting and soil testing
Deogarh	70% of the area is rainfed	Group discussion, secondary data collection
Deogarh	74% of the total geographical area is covered under mountains, hills and dense forest	Group discussion, meeting, secondary data collection
Deogarh	Lack of adoption of off-season vegetables	PRA, Group discussion, meeting, diagnostic visit
Deogarh	Less crop diversification in uplands from rice to other crop	PRA, awareness campaign, Group discussion, meeting
Deogarh	Lack of farm mechanization	PRA, Group discussion, meeting, Exhibition
Deogarh	No soil and water conservation measures and improper management of water	PRA, Group discussion, Field visit
Deogarh	Lack of utilization of forest produce for income generating activities	PRA, Group discussion, meeting
Deogarh	No agro based income generating activities of the SHGs	PRA, Group discussion, meeting`
Deogarh	Heavy loss from the farming due to non adoption of IPDM measures	PRA, Kissan mela, meeting, Farmers seminar
Deogarh	Adoption of old traditional varieties in pulses and oilseeds	PRA, Group discussion, FC meeting, Farmer-scientist interaction
Deogarh	Absent of farmers organization	PRA, Group discussion, Field visit
Deogarh	Non adoption of high value crops by the farming community	PRA, Group discussion, meeting, diagnostic 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	
Deogarh	2012 Kharif and Rabi	Rice based cropping system is predominant in Deogarh. The district has about 8000ha rice-fallow area, where green gram is the first choice of the farmers. But productivity of the crop is very low as it is grown on residual soil moisture with poor nutrition and sub-optimal plant population. Productivity of Rice-green gram system can be augmented by adopting improved technology.	Assessment	ICM	Rice, green gram	Rainfed	Assessment of production enhancement of Rice-green gram cropping system through agronomic management	10	Rice yield- 26.2 q/ha Greengram yield- 4.1 q/ha	Rice yield- 47.4 q/ha Greengram yield- 6.8 q/ha	16800	38503	This crop production technology should be recommended for rain fed areas of Deogarh districts
Deogarh	2012 Kharif	In Deogarh, approximately 22,000 ha (61 %) of rainfed rice are frequently affected by drought. Due to erratic nature of monsoon drought is particularly frequent in rainfed uplands and shallow lowlands. Average productivity is less than 12 q/ha in rainfed uplands and less than 2t/ha in shallow lowlands.	Assessment	Varietal evaluation	Rice	Rainfed	Assessment of Sahbhagi Dhan for drought-prone areas of Deogarh district	10	Yield- 25.2 q/ha, Tillers/hill- 11	Yield-35.8 q/ha Tillers/hill- 18	8400	19000	This variety is recommended for rainfed medium land areas of Deogarh district

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	
Deogarh	2012-13 Rabi	Sunflower introduced during 70s witnessed wide fluctuations in productivity mainly due to with poor fertility of soils, non-availability of suitable varieties under moisture stress and nutrient deficient situations. Introduction of new hybrids under assured irrigation conditions demands higher dose of fertilizer	Assessment	INM	Sunflower	Irrigated	Assessment of revalidation of fertilizer recommendation for sustainable production of sun- flower	10	Seed yield- 8.5 q/ha	Seed yield- 14.0 q/ha	11150	22000	This technology is recommended for rainfed medium land areas of Deogarh district
Deogarh	2012-13 Rabi	Transplanting of 8-10 days old young seedlings @ 1 seedling / hill is one of the major field constraint under SRI cultivation	Assessment	ICM	Rice	Irrigated	Assessment of direct seeding of sprouted seeds under SRI cultivation	05					Continuing
Deogarh	2012 Kharif	Low market price of mango fruits due to improper ripening, sour taste and toxic effect of calcium carbide.	Assessment	Value Addition	Mango	Homestead	Assessment of ethrel for ripening of mango.	5	Time for ripening- 7 days Ripening type- uneven	Time for ripening- 4 days Ripening type- uniform			Treatment of mango fruit with ethrel @ 750 mg /l of water for 5 minutes and kept at room temperature is recommended for Deogarh district

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	
Deogarh	2012 Kharif	Nutrient loss due to high infestation of weeds.	Assessment	Weed management	Sweet orange	Irrigated	Assessment of post-emergence weedicide in sweet orange	5	Yield (q/ha)-180	Yield (q/ha)-249	126200	227300	Application of Glyphosate @ 4 l/ha as post-emergence weedicide kills both monocot and dicot weeds is recommended for sweet orange areas of Deogarh district
Deogarh	2012-13 Rabi	Excessive use of chemical fertilizers has caused tremendous harm to the soil and environment	Assessment	Integrated nutrient management	Cabbage	Irrigated	Assessment of biofertilizers in cabbage	5	Yield (q/ha)-236	Yield (q/ha)-310	68650	96500	75% RDF (NPK @ 125:40:60 kg/ha) + Biofertilizer (<i>Azotobacter</i> + <i>Azospirillum</i> + PSB @ 3:3:3 kg/ha) is recommended for Deogarh district
Deogarh	2012-13 Rabi	Nutrient loss due to high infestation of weeds	Assessment	Weed management	Onion	Irrigated	Assessment of Pre-emergence weedicide in onion	5	Yield (q/ha)-185	Yield (q/ha)-264	61450	96100	Pre-emergence application of Oxyfluorfen @ 0.25

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	
													kg/ha followed by one hand weeding is recommended for onion growing area of Deogarh district
Deogarh	2012 Kharif	Yield reduced up to 30% due to high infestation of gundhi bug both adult and nymphs which suck the juice in early stage of grain formation leads to grain discolouration and chaffy grain	Assessment	IPM	Rice	Rainfed	Assessment of ITK against control of gundhi bug in rice	5	%infestation-24, Yield-24.8 q/ha	%infestation-11, Yield-44.4 q/ha	6500	12000	This IPM technology should be recommended for rain fed areas of Deogarh districts
Deogarh	2012 Kharif	Reduced yield up to 30% due to severe infestation of bacterial leaf blight	Assessment	IDM	Rice	Rainfed	Assessment of management practices for bacterial leaf blight in rice	5	% infection-28, Yield-25.6 ton/ha	% infection-8, Yield-48.2 ton/ha	7000	16500	This IDM technology should be recommended for rain fed areas of Deogarh districts
Deogarh	2012-13 Rabi	Fruit fly causes severe reduction in watermelon yield. It oviposits inside the semi ripened fruit, which turns brown in	Assessment	IPM	Water melon	Irrigated	Assessment of management practices for fruit fly in watermelon	5	% infection-17, Yield-220 q/ha	% infection-9, Yield-335 q/ha	51000	85000	This IPM technology should be recommended for rain fed areas of

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	
		colour and finally rots making in unfit for human consumption.											Deogarh districts
Deogarh	2012-13 Rabi	Drying of terminal shoot in early stage which leads to wilting of branches or entire tree	Assessment	IPM	Mango	Irrigated	Assessment of management practices for stem borer in mango	5					Continuing
Deogarh	2012-13	Lower yield from traditional method of rice cultivation	Assessment	Integrated crop management	Rice	Rain fed	Perception of farmers on SRI method of rice cultivation	25	Traditional method of rice cultivation	SRI method of rice cultivation		*Anne xure 1	Getting skilled labour for SRI method of rice cultivation is the topmost constraint
Deogarh	2012 Kharif	Non utilization of threshed straw and non availability of bundle straw	Assessment	Mushroom cultivation	Mushroom	Homestead	Assessment of paddy straw mushroom by using bullock threshed straw as substrate	05	Yield (kg/bed) - 1.8 kg/bed	Yield (kg/bed) - 1.6 kg/bed	136	132	This enterprise may be recommended to the area where women empowerment is necessary
Deogarh	2012 Kharif	Loss of food grain due to insect and pest attack	Assessment	Post harvest management	Rice	Homestead	Assessment of parad tablets for prevention	05	Weight loss / q - 10.4 No. of Damaged	Weight loss / q - 0.8 No. of Damaged	1792	1973	Recommended for the farm women for

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	
							of insect pest attack during storage of rice grain		grain/1000 grains - 930	grain/1000 grains - 0			low cost safe storage
Deogarh	Rabi 2012-2013	High drudgery and low efficiency of farm women involved in using cono weeder	Assessment	Drudgery reduction	Paddy	Irrigated	Assessment of drudgery of mandwa weeder	05	Weeding capacity 165 m ² /hr Heart rate (beats/min) :153	Weeding capacity 167 m ² /hr Heart rate (beats/min) :127			Reduced drudgery up to 15%

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)
Deogarh	Assessment of production enhancement of Rice-green gram cropping system through agronomic management	Total productivity (q/ha)	54.2	30.3	18500	30000		26000	47000		16800	38503		1.71	2.18	
Deogarh	Assessment of Sahbhagi Dhan for drought-prone areas of Deogarh district	No. of tillers/hill	18	11	19000	28500		25000	44000		8400	19000		1.50	213	

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)
Deogarh	Assessment of revalidation of fertilizer recommendation for sustainable production of sun-flower															
Deogarh	Assessment of direct seeding of sprouted seeds under SRI cultivation															Continuing
Deogarh	Assessment of ethrel for ripening of mango.	%of ripening Rate of ripen fruits (Rs./q)	95 2000	42 1200												
Deogarh	Assessment of post-emergence weedicide in sweet orange	%Weed infestation	11	26	143800	146200		270000	373500		126200	227300		1.88	2.55	
Deogarh	Assessment of biofertilizers in cabbage	Weight of head	2.4	1.6	49350	58500		118000	155000		68650	96500		2.39	2.65	
Deogarh	Assessment of Pre-emergence weedicide in onion	%Weed infestation	12	23	62750	62300		124200	158400		61450	96100		1.98	2.54	
Deogarh	Assessment of	% of grain	8	21	18000	30000		23500	42000		5500	12000		1.31	1.40	

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)
	ITK against control of gundhi bug in rice	affected														
Deogarh	Assessment of management practices for bacterial leaf blight in rice	% of leaf infection	11	23	18500	29500		24000	46000		5500	16500		1.30	1.56	
Deogarh	Assessment of management practices for fruit fly in watermelon	% of fruits infested	7	16	34000	45000		85000	130000		51000	85000		2.50	2.89	
Deogarh	Assessment of management practices for stem borer in mango															Continuing
Deogarh	*Perception of farmers on SRI method of rice cultivation	Drudgery	More	Less		Annexure										
Deogarh	Assessment of paddy straw mushroom by using bullock threshed straw as substrate	Yield (kg/bed)	1.8	1.6	80	60		216	192		136	132		2.7	3.2	
Deogarh	Assessment of parad tablets for prevention of	Weight loss / q No. of Damaged	10.4 0	0.8 930	0	27		1792	2000		1792	1973			74.07	

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)
	insect pest attack during storage of rice grain	grain/1000 grains														
Deogarh	Assessment of drudgery of mandwa weeder	Weeding capacity (m ² /hr)	167	165												
		Heart rate (beats/min)	127	153												

2.3 Feedback from KVK to Research System

Name of KVK	Feedback
Deogarh	<ul style="list-style-type: none"> Implements involving less drudgery should be available for SRI method of rice cultivation. Cost effective lures be available everywhere to control fruit fly in watermelon BLB resistant rice varieties suitable for un-irrigated upland situation be developed Cost effective weed control modules be developed for orchards Women friendly drudgery reducing agricultural implements should be developed

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
Deogarh	IFS	IFS	Crop : maize + poultry (50 birds) + paddy straw mushroom (100 beds) + vermicompost + off-season vegetables (tomato and cauliflower)	FLD, training, farmer's meeting, exhibition	5	7	7

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
Deogarh	Horticultural crops	Integrated farming system	Mango plantation and round the year intercropping with vegetables, Pisciculture, Khaki campbell ducklings, Banaraja Chicks, mushroom and vermicomposting	Group discussions, Night meetings, Video shows.	6	8	8
Deogarh	Sweet orange	Integrated nutrient management	Soil application of zinc sulphate @ 50g/plant and foliar spraying of zinc sulphate @ 2ml/lit during fruit marble stage	Vocational training, group meeting, demonstration	6	49	53
Deogarh	Sweet Potato	Varietal evaluation	HYV Kishan	Vocational training, group meeting, demonstration	10	35	18
Deogarh	Chilli	Varietal evaluation	HYV Utkal Ava	FLD, training, farmer's meeting, exhibition	12	45	28
Deogarh	Onion	Varietal evaluation	Agrifound light red	Group discussions, Night meetings, Video shows.	12	58	23
Deogarh	Tomato	Integrated nutrient management	Utkal Raja	Vocational training, group meeting, demonstration	35	115	51
Deogarh	Sweet Orange	Integrated Disease Management	Application of Streptocyclin (0.1 g/lit) + Redomil (2 g/lit) at 15 DI from marble size.	Vocational training, group meeting, demonstration	7	54	67
Deogarh	Paddy	Integrated Pest Management	Use of pheromone traps and need based application of pesticides like Trizophos @ 2 ml /lit	FLD, training, farmer's meeting, exhibition	32	334	125
Deogarh	Paddy	Integrated Disease Management	Seed treatment with Carbendazim @ 2 gm/kg seed before 7 days of sowing, seed soaking with Streptocyclin @ 1gm/ 10 lit of water before 1 day of sowing in nursery, spraying of Tricyclazole @ 500 ml /ha at tillering & panicle initiation stage	Group discussions, Night meetings, Video shows.	37	432	143

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
Deogarh	Cabbage	Integrated Pest Management	Alternate spraying of Fipronil @ 2ml/litre and <i>Bacillus thuringiensis</i> @ 1500 gm/ha at 30-35 DAP	Vocational training, group meeting, demonstration	17	168	38
Deogarh	Paddy / Self propelled rice transplanter	Farm machinery	Use of self propelled rice transplanter	Vocational training, group meeting, demonstration	5	24	8
Deogarh	Paddy reaper (vst shakti) for harvesting of paddy	Farm machinery	Use of paddy reaper (vst shakti) for harvesting of paddy	Video shows, FLD, training	12	32	17
Deogarh	Pesticides power sprayer	Farm machinery	Use of power sprayer for timely application of pesticides	FLD, training, farmer's meeting, exhibition	8	21	6
Deogarh	Groundnut	Drudgery reduction	Reducing drudgery by using rotary peg weeder in groundnut	Group discussion, Training, FLD,	10	65	30
Deogarh	Mushroom	Income generation	Cultivation practices of v.volvaceae species	Group discussion, Training, farmers meeting, FLD	15	122	
Deogarh	Vegetable nursery	Nursery management	Scientific method of vegetable nursery raising	Group discussion, Training, FLD,	7	75	1
Deogarh	Vermicomposting	Resource conservation	Preparation and use of vermicompost	Group discussion, Training, FLD,	11	42	
Deogarh	Floriculture	Income generation	Cultivation practices of marigold	Group discussion, Training, FLD,	5	17	

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/Enterprises	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Deogarh	Integrated farming system	Crop : Paddy-mung/biri (pyra), Arhar + groundnut , fruit crops (papaya-50) Goatery (20 nos) + paddy straw mushroom (100 beds) + poultry (50 birds) + vermicompost + off-season vegetables (tomato and cauliflower)	Kharif 2012 & Rabi 2012-13	Integrated farming system model for rainfed ecosystem	1	Crop : Paddy-mung/biri (pyra), Arhar + groundnut , fruit crops (papaya-50) Goatery (20 nos) + paddy straw mushroom (100 beds) + poultry (50 birds) + vermicompost + off-season vegetables (tomato and cauliflower)	Greengram – 1.5 q Maize- 2q- groundnut – 3q pegonp – 2q tomato- 5q Brinjal-5q Chilli--3q cabbage-5q cauliflower-5q Mushroom-0.5q poultry-0.4 q vermi-2q	Greengram-4.0q		0	1	0	0	1
Deogarh	Integrated crop management , varietal evaluation	Rice	Kharif 2012	Popularization of hybrid rice variety Indam-17 under SRI cultivation for increasing its productivity	0.4	Indam-17	58.3	38.0	53.42	0	1	4	0	5

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety/Technology/Enterprises	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Deogarh	Weed Management	Rice	Kharif 2012	Direct sowing of rice (30 kg seeds /ha) + dhanicha (20 kg seeds /ha) and incorporation of dhanicha at 30 days after sowing using 2,4-D spraying @ 1kg/ha.	0.4	Pritakhsya	47.8	26.7	79.03	0	2	3	0	5
Deogarh	Integrated farming system	Mango, vegetables, Pisciculture, mushroom and vermicomposting	Kharif 2012 & Rabi 2012-13	Mango plantation and round the year intercropping with vegetables, Pisciculture, , mushroom and vermicomposting	2	Mango (Amrapalli), HYV vegetables, Silver carp, Grass carp, common carp, Paddy straw & Oyster Mushroom, Eudrilus euginae	Paddy – 1.5 ha – 66 q - Cauliflower- 0.05ha- 1.5q Cowpea – 0.05ha – 4q Sweetcorn – 0.02ha – 3q Piscicultur- 0.4ha – 12q Mushroom-100 beds	26	44.85	0	0	1	0	1

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety/Technology/Enterprises	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Deogarh	Off season vegetable cultivation	Onion	Kharif 2012	Cultivation of kharif onion variety Agrifound Dark Red	0.4	Agrifound Dark Red	147			0	0	5	0	5
Deogarh	Integrated nutrient management	Tomato	Rabi 2012-13	Application of balanced fertilizer dose (RDF N:P:K @120:60:60 kg/ha)	0.4	Utkal Raja	346	272	27	0	2	3	0	5
Deogarh	Integrated nutrient management	Cauliflower	Rabi 2012-13	Application of balanced fertilizer dose (RDF N:P:K @120:50:50 kg/ha)	0.4	Girija	298	225	32	0	0	5	0	5

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety/Technology/Enterprises	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Deogarh	IDM	Paddy	Kharif 2012	Seed treatment with Carbendazim @ 2gm/kg + Streptocycline @ 1gm/10 lt of water before sowing in the nursery. Spraying of Hexaconazole @ 1000 ml / ha at till ring and panicle initiation stage	1	Pooja	47	26.5	77.36	0	1	4	0	5
Deogarh	IPM	Paddy	Kharif 2012	Alternate spraying of Bupofezin 25 SL @ 500 ml / ha and Thiomethoxam @ 100 gm / ha at 7 days interval after pest emergence	1	Swarna	44	24.8	77.42	0	0	5	0	5

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety/Technology/Enterprises	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Deogarh	IPM	Onion	Rabi 2012-13	Foliar application of Profenophous@ 2ml/ltr of water followed by Mancozeb @ 2gm/ltr at 7 days interval after emergence of the pest	0.4	N-53	Continuing			0	0	5	0	5
Deogarh	IDM	Watermelon	Rabi 2012-13	Two numbers of foliar application of Carbendazim + Mancozeb @ 2gm/ltr at 7 days interval after the emergence of the disease	0.4	Black magic	328	216	51.85	0	0	5	0	5
Deogarh	Drudgery reduction	Paddy	Kharif 2012	Use of serrated sickle	1.0	Serrated sickle				2	2	6	0	10

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety/Technology/Enterprises	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Deogarh	Value addition	Sweet potato	Rabi-2012-13	Value addition in sweet potato such as making of chips, ketchup, cakes and gulap jamun	5	Sweet potato				0	5	0	0	5
Deogarh	Nutritional security	Kitchen garden	Kharif 2012	Crop for Kharif (Okra, bitter gourd, ridge gourd, brinjal, Leafy vegetable), Rabi(cabbage, cauliflower, tomato, radish, chilli), Summer (leafy vegetables, brinjal, tomato, corriander)	200 m2	Kitchen garden	86	65	32.3	2	2	6	0	10

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety/Technology/Enterprises	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Deogarh	Nutritional security	Kitchen garden	Rabi 2012-13	Crop for Kharif (Okra, bitter gourd, ridge gourd, brinjal, Leafy vegetable), Rabi(cabbage, cauliflower, tomato, radish, chilli), Summer (leafy vegetables, brinjal, tomato, coriander)	200 m2	Kitchen garden	128	95	34.7	2	2	6	0	10
Deogarh	Income generation	Mushroom cultivation	Kharif 2012	mushroom cultivation	100 bed	Volvariella volvacea & Pleurotus sajarcaju	1.7	0	100	2	2	6	0	10
Deogarh	Income generation	Mushroom cultivation	Kharif 2012 & Rabi 2012-13	mushroom cultivation	100 bags	Volvariella volvacea & Pleurotus sajarcaju Income generation.	1.8	0	100	2	2	6	0	10
Deogarh	Post harvest management	Onion	Rabi 2012-13	Popularization of low cost improved storage structure for storage of onion	5	Agrifound light red	Continuing			1	1	3	0	5

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
Deogarh	Crop : Paddy-mung/biri (pyra), Arhar + groundnut , fruit crops (papaya- 50) Goatery (20 nos) + paddy straw mushroom (100 beds) + poultry (50 birds) + vermicompost + off-season vegetables (tomato and cauliflower)	Integrated farming system model for rainfed ecosystem	Greengram – 0.4 ha – 1.5 q - Rs 7000.00 Maize- 0.05ha- 2q-Rs. 2000.00 groundnut – 0.15ha – 3q Rs. 5000.00 pegonpea – 0.15ha – 2q Rs. 8000.00 tomato-0.05ha - 5q – Rs. 2, 500.00 Brinjal-0.05ha- 5q-Rs. 2500 Chilli-0.05ha— 3q-Rs.3000 cabbage-0.05ha- 5q-Rs.3000 cauliflower- 0.05ha-5q- Rs.4000 Mushroom-50 beds-6000 poultry-0.4 q- Rs.4000 vermi- 2q-Rs 1000	42.9	4.0	22000	10000	48000	17000	26000	7000	1.70	2.18
Deogarh	Rice	Assessment of hybrid rice variety Indam-17 under SRI cultivation for increasing its productivity	Yield(q/ha)	58.3	38.0	32000	25000	57000	40000	25000	15000	1.78	1.60

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
Deogarh	Rice	Direct sowing of rice (30 kg seeds /ha) + dhanicha (20 kg seeds /ha) and incorporation of dhanicha at 30 days after sowing using 2,4-D spraying @ 1kg/ha.	Yield(q/ha)	47.8	26.7	31000	18500	46500	25000	15500	6500	1.50	1.35
Deogarh	Mango, vegetables, Pisciculture, duck, Banaraja Chicks, mushroom and vermicomposting	Mango plantation and round the year intercropping with vegetables, Pisciculture, mushroom and vermicomposting	Yield(q/ha)	Paddy – 1.5 ha – 66 q - Rs 66,000.00 Cauliflower- 0.05ha- Rs. 3000.00 Cowpea – 0.05ha – Rs. 8000.00 Sweetcorn – 0.02ha – Rs. 6000.00 Pisciculture- 0.4ha – 12q – Rs. 12,000.00	26	26388	16800	47263	26000	20875	9200	1.79	1.54
Deogarh	Onion	Cultivation of kharif onion variety Agrifound Dark Red	No. of Leaves	7	5	68500		147000		78500		2.15	

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
Deogarh	Tomato	Application of balanced fertilizer dose (RDF N:P:K @ 120:60:60 kg/ha)	No. of fruits/plant	34	21	98300	89400	242200	190400	143900	101000	2.46	2.13
Deogarh	Cauliflower	Application of balanced fertilizer dose (RDF N:P:K @ 120:50:50 kg/ha)	Curd weight(Kg)	2.3	1.2	59400	50400	134100	101250	74700	50850	2.26	2.01
Deogarh	Paddy	Seed treatment with Carbendazim @ 2gm/kg + Streptocycline @ 1gm/10 lt of water before sowing in the nursery. Spraying of Hexaconazole @ 1000 ml / ha at till ring and panicle initiation stage	Yield(q/ha)	47	26.5	30000	19500	45000	25500	15000	6000	1.50	1.31

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
Deogarh	Paddy	Alternate spraying of Bupofezin 25 SL @ 500 ml / ha and Thiomethoxam @ 100 gm / ha at 7 days interval after pest emergence	Yield(q/ha)	44	24.8	30500	19000	43000	23500	12500	4500	1.41	1.24
Deogarh	Onion	Foliar application of Profenophous@ 2ml/ltr of water followed by Mancozeb @ 2gm/ltr at 7days interval after emergence of the pest											Continui ng
Deogarh	Watermelon	Two numbers of foliar application of Carbendazim + Mancozeb @ 2gm/ltr at 7 days interval after the emergence of the disease	Yield(q/ha)	328	216	43500	33500	125000	82000	81500	48500	2.87	2.45
Deogarh	Paddy	Use of serrated sickle	Harvesting capacity (m ² /hr)	103.5	95.5								
			Field efficiency (manday)	12.01	13.8								
			Average heart rate/min	112-116	1								
					106-108								

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
Deogarh	Sweet potato	Value addition in sweet potato such as making of chips, jam and gulab jamun	Income (Rs.)	1180	200	670		1180		510		1.76	
Deogarh	Kitchen garden (Kharif 2012)	Crop for Kharif (Okra, bitter gourd, ridge gourd, brinjal, Leafy vegetable), Rabi(cabbage, cauliflower, tomato, radish, chili), Summer (leafy vegetables, brinjal, tomato, coriander)	q/ha	86	65	55400	49500	129000	975000	48000	73600	2.3	1.96
Deogarh	Kitchen garden	Crop for Kharif (Okra, bitter gourd, ridge gourd, brinjal, Leafy vegetable), Rabi(cabbage, cauliflower, tomato, radish, chili), Summer (leafy vegetables, brinjal, tomato, coriander)	q/ha	128	95	60300	49800	128000	95000	67700	45200	1.9	2.12
Deogarh	Mushroom cultivation (Kharif 2012)	mushroom cultivation	Yield Kg/bed	1.7		70		204		134		2.91	
Deogarh	Mushroom cultivation (Rabi 2012-13)	Mushroom cultivation	Yield Kg/bed	1.8		30		180		150		6.0	

3.4 Feedback of the Farmers

Name of KVK	Feedback
Deogarh	<ul style="list-style-type: none"> ➤ Kharif onion seeds are not available in local market ➤ Pond based farming systems are suitable to increase land productivity and farmer's economic condition ➤ Powdery mildew is the most virulent pest for watermelon in vegetative stage ➤ Highly satisfied with the performance of hybrid rice in SRI ➤ IFS in upland situation mainly dependent upon the non-crop components ➤ Decomposition of dhanicha for brown manuring saves labour cost ➤ Highly appreciated the IFS approach ➤ Farmwomen readily accepted the paddy straw mushroom cultivation due to high profitability and simple technology ➤ Farmwomen frequently use rotary peg weeder as it reduces drudgery and increase efficiency

3.5 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Deogarh	Crop : Paddy-mung/biri (pyra), Arhar + groundnut , fruit crops (papaya-50) Goatery (20 nos) + paddy straw mushroom (100 beds) + poultry (50 birds) + vermicompost + off-season vegetables (tomato and cauliflower)	Field days			
		Farmers Training	2	50	
		Media coverage			
		Training for extension functionaries			
Deogarh	Rice	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Rice	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Mango, vegetables, Pisciculture, duck, Banaraja Chicks, mushroom and vermicomposting	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Deogarh	Onion	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Tomato	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Cauliflower	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Paddy	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Paddy	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Onion	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Watermelon	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Nutritional garden	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Mushroom cultivation	Field days			
		Farmers Training	3	75	
		Media coverage	1	15	
		Training for extension functionaries			
Deogarh	Sweet potato	Field days			
		Farmers Training	1	25	
		Media coverage	1	30	
		Training for extension functionaries			

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

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Deogarh	FW	Field visit, group meeting and PRA method	12.04.2012,Kailash	35
Deogarh	FW	Field visit, group discssion ,SHG meeting	09.5.2012, Kureibahal	43
Deogarh	FW	Field visit, group discssion ,meeting with farm women	05.6.2012,Balam	38
Deogarh	FW	Field visit, group meeting and PRA method	14.7.2012, Dhauragote	35
Deogarh	FW	Field visit, group discssion ,meeting with farm women	07.8.2012, Balirui	42
Deogarh	FW	Field visit, group meeting PRA method	11.9.2012, Rangamatia	36
Deogarh	FW	Field visit, group discssion ,meeting and	06.10.2012,Akhyarasila	52
Deogarh	FW	Field visit, group discssion ,SHG SHG meeting	09.11 2012,Maleipada	48
Deogarh	FW	Field visit, group meeting and PRA method	12'12.2012,Bangalimunda	52
Deogarh	FW	Field visit, group discssion ,SHG meeting	15.01.2013 Purunapani	35
Deogarh	FW	Field visit, group meeting and PRA method,SHG meeting	09.02.2013Bangalimunda	34
Deogarh	FW	Field visit, group meeting and PRA method	05.3.2013Khilabareni	44
Deogarh	FW	Field visit, group discssion ,SHG meeting and PRA method	14.9.2012 Rangamatia	38
Deogarh	FW	Field visit, group meeting and discussion method	15'12.2012,Kenduchhapal	43
Deogarh	FW	Field visit, group meeting and PRA method,SHG meeting.	10.8.2012,Rangamatia	31
Deogarh	RY	Field visit, group meeting PRA method,discussion with local leader	14.12.2012,Dhauragote	26
Deogarh	RY	Field visit, group meeting and PRA method	18.01.2013Kureibahal	16
Deogarh	IS	Visit,meeting and discussion with extension officers	11.7.2012 Tileibani ICDS project offic	19
Deogarh	FW	Field visit, group meeting and PRA method	10.04.2012, Landijhari	30
Deogarh	FW	Field visit, group discssion ,SHG meeting	14.05.2012, Malehipada	28
Deogarh	FW	Field visit, group discssion ,meeting with Farmers	04.06.2012, Suguda	30
Deogarh	FW	Field visit, group meeting and PRA method	05.04.2012, Khilaberani	35
Deogarh	FW	Field visit, group discssion ,meeting with farmers	02.07.2012, Tusula	40
Deogarh	FW	Field visit, group meeting PRA method	04.08.2012, Akhyarshilla	28
Deogarh	FW	Field visit, group discssion ,meeting and	07.09.2012, Gurjang	40
Deogarh	RY	Field visit, group discssion ,SHG SHG meeting	03.10.2012, Niktimal	35
Deogarh	IS	Field visit, group meeting and PRA method	05.11.2012, Tusula, kantapalli	52
Deogarh	FW	Field visit, group discssion ,SHG meeting	02.12.2012, Sarankut	33
Deogarh	FW	Field visit, group meeting and PRA method,SHG meeting	05.01.2013, Kureibahal	17

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Deogarh	FW	Field visit, group meeting and PRA method	04.02.2013, Malehipada	28
Deogarh	FW	Field visit, group discssion ,SHG meeting and PRA method	05.03.2013, Bangalimunda	27
Deogarh	FW	Field visit, group meeting and discussion method	04.04.2012, Akharasila	39
Deogarh	FW	Field visit, group meeting and PRA method,SHG meeting.	05.05.2012, Niktimal	25
Deogarh	RY	Field visit, group meeting PRA method,discussion with local leader	06.06.2012, Landijharir	15
Deogarh	IS	Visit,meeting and discussion with extension officers	23/10/2013, DAO office	10
Deogarh	IS	Visit,meeting and discussion with extension officers	18/03/2013, Horticulture office	11
Deogarh	FW	Field visit, group discssion ,meeting with farmers	12.04.2012,Kailash	35
Deogarh	FW	Field visit, group meeting and PRA method	09.5.2012, Kureibahal	42
Deogarh	FW	Field visit, group discssion ,meeting with farmers	05.6.2012,Balam	33
Deogarh	FW	Field visit, group meeting PRA method	14.7.2012, Dhauragote	37
Deogarh	FW	Field visit, group discssion ,meeting with farmers	07.8.2012, Balirui	40
Deogarh	RY	Field visit, group meeting and discussion method	11.9.2012, Rangamatia	23
Deogarh	IS	Field visit, group meeting and PRA method,SHG meeting.	06.10.2012,Akhyarasila	45
Deogarh	FW	Field visit, group meeting and PRA method	09.11 2012,Maleipada	39
Deogarh	FW	Field visit, group discssion ,SHG meeting and PRA method	12'12.2012,Bangalimunda	36
Deogarh	FW	Field visit, group meeting and discussion method	15.01.2013 Purunapani	50
Deogarh	FW	Field visit, group meeting and PRA method,SHG meeting.	09.02.2013Bangalimunda	42
Deogarh	FW	Field visit, group meeting PRA method,discussion with local leader	05.3.2013Khilabareni	31
Deogarh	FW	Field visit, group meeting and PRA method	14.9.2012 Rangamatia	39
Deogarh	FW	Field visit, group discssion ,SHG meeting and PRA method	15.12.2012,Kenduchhapal	1
Deogarh	FW	Field visit, group meeting and discussion method	10.8.2012,Rangamatia	63
Deogarh	FW	Field visit, group meeting and PRA method,SHG meeting.	14.12.2012,Dhauragote	35
Deogarh	FW	Field visit, group meeting PRA method,discussion with local leader	18.01.2013Kureibahal	42
Deogarh	RY	Field visit, group meeting and PRA method,SHG meeting.	12.04.2012,Kailash	50
Deogarh	IS	Visit,meeting and discussion with extension officers	09.5.2012, DAO ofice	30
Deogarh	IS	Visit,meeting and discussion with extension officers	05.6.2012, NGO	25
Deogarh	RY	Field visit, group meeting and discussion method	14.7.2012, Dhauragote	32
Deogarh	RY	Field visit, group meeting and PRA method,SHG meeting.	07.8.2012, Balirui	55

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							
							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		
Deogarh	FW	OFC	CP	INM in kharif rice	1	1	1	0	0	0	6	0	18	0
Deogarh	FW	OFC	CP	Improved practices for sweet corn cultivation	1	1	0	0	1	1	0	0	17	6
Deogarh	FW	OFC	CP	SRI methods of rice cultivation	1	1	0	0	0	0	0	0	25	0
Deogarh	FW	OFC	CP	Integrated Farming System	1	1	0	0	0	0	0	0	24	1
Deogarh	FW	OFC	CP	Improved practices for kharif pulse cultivation	1	1	0	0	8	0	0	0	17	0
Deogarh	FW	OFC	CP	Improved practices for hybrid maize cultivation	1	1	0	0	5	20	0	0	0	0
Deogarh	FW	OFC	CP	Improved practices for rabi pulse cultivation	1	1	1	0	0	0	0	0	14	10
Deogarh	FW	OFC	CP	Improved practices for sunflower cultivation	1	1	0	0	0	0	0	0	25	0
Deogarh	FW	OFC	CP	Integrated Farming System	1	1	0	0	0	0	19	6	0	0
Deogarh	FW	OFC	CP	Improved practices of rabi groundnut cultivation	1	1	0	0	0	0	4	2	9	10
Deogarh	FW	OFC	CP	Introduction of rice variety Sahabhagi dhan in upland	1	1	0	0	0	0	1	0	24	0
Deogarh	FW	OFC	CP	Rice green gram cropping system in upland situation	1	1	0	0	0	0	6	1	12	6
Deogarh	IS	OFC	CP	Production technologies for field crops	1	2	0	0	0	0	0	0	7	3
Deogarh	FW	OFC	HOV	Nursery raising off season Vegetables	1	1	0	0	0	0	17	0	8	0
Deogarh	FW	OFC	HOV	Fertilizer management in tomato	1	1	0	0	0	0	0	0	25	0
Deogarh	FW	OFC	HOV	Fertilizer management in Kharif onion	1	1	0	0	1	0	0	0	24	0
Deogarh	FW	OFC	HOF	Integrated Weed management in Sweet orange orchards	1	1	0	0	0	0	0	0	25	0
Deogarh	FW	OFC	OTH	Introduction of horticulture based farming system	1	1	1	0	0	0	7	0	17	0
Deogarh	FW	OFC	HOV	Integrated Nutrient management in tomato	1	1	2	0	2	0	12	0	9	0
Deogarh	FW	OFC	HOV	Integrated Nutrient management of Cauliflower	1	1	0	0	0	0	0	0	25	0
Deogarh	FW	OFC	HOV	Integrated Nutrient management of Cabbage	1	1	0	0	0	0	4	0	21	0
Deogarh	FW	OFC	HOV	Integrated Weed management in Onion	1	1	0	0	1	0	0	0	24	0
Deogarh	FW	OFC	HOF	Cultural practices in Mango orchard	1	1	0	0	0	0	0	0	25	0
Deogarh	FW	OFC	HOF	Cultural practices in Litchi orchard	1	1	0	0	1	0	12	0	12	0
Deogarh	FW	OFC	HOF	Cultural practices in sweet orange orchard	1	1	0	0	1	0	0	0	24	0
Deogarh	RY	OFC	RY	Nursery management of horticulture fruit crops	1	2	0	0	1	0	3	0	11	0
Deogarh	IS	ONC	IS	Rejuvenation of fruit crops	1	2	6	0	0	0	4	0	0	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
Deogarh	FW	OFC	PLP	Control of yellow stem borer in rice	1	1	0	0	1	0	0	0	24	0
Deogarh	FW	OFC	PLP	Technique of seed and soil treatment by pesticides and biocides	1	1	0	0	0	0	5	0	20	0
Deogarh	FW	OFC	PLP	Control of wilt disease in solanaceous vegetables	1	1	0	0	0	0	0	0	25	0
Deogarh	FW	OFC	PLP	Integrated pest and disease managements in cucurbits	1	1	0	0	0	0	0	0	25	0
Deogarh	FW	OFC	PLP	Control of blast disease in rice	1	1	0	0	0	0	0	0	25	0
Deogarh	FW	OFC	PLP	Control of bacterial leaf blight in rice	1	1	0	1	0	11	0	0	6	7
Deogarh	FW	OFC	PLP	Control of hopper burn in rice	1	1	0	0	1	0	0	0	24	0
Deogarh	FW	OFC	PLP	Control of stem borer in mango	1	1	0	0	2	0	0	0	23	0
Deogarh	FW	OFC	PLP	IPM against control of gundhi bug in rice	1	1	0	0	0	0	0	0	16	9
Deogarh	FW	OFC	PLP	Control of powdery mildew in watermelon	1	1	0	0	0	0	0	0	22	3
Deogarh	FW	OFC	PLP	Control of fruit borer in litchi	1	1	0	0	0	2	0	0	23	0
Deogarh	FW	OFC	PLP	Control of thrips in onion	1	1	0	0	0	0	8	0	17	0
Deogarh	RY	ONC	PLP	Apiculture for income generation	1	2	0	0	0	0	2	0	13	0
Deogarh	IS	ONC	PLP	Non-conventional method of pest control	1	2	0	0	2	0	1	0	7	0
Deogarh	FW	OFC	AEG	Use, operation and care during operation of plant protection equipments	1	1	1	0	0	0	24	0	0	0
Deogarh	FW	OFC	AEG	Use, operation and maintenance of primary and secondary tillage implements	1	1	22	0	0	0	3	0	0	0
Deogarh	IS	ONC	CBD	Farm business management	1	2	6	0	0	0	2	2	0	0
Deogarh	IS	ONC	CBD	Participatory rural appraisal for action plan development	1	2	7	1	0	0	1	1	0	0
Deogarh	IS	ONC	CBD	Farm business management	1	2	8	0	0	0	0	2	0	0
Deogarh	IS	ONC	CBD	Gender issues in agriculture	1	2	6	2	1	0	0	1	0	0
Deogarh	IS	ONC	CBD	Organization of different farmer groups	1	2	6	0	0	0	2	2	0	0
Deogarh	RY	OFC	CBD	Organization of farmers club	1	2	8	2	0	0	3	2	0	0
Deogarh	RY	OFC	CBD	Integrated farming system	1	2	10	0	3	0	2	0	0	0
Deogarh	RY	OFC	CBD	Agro- based enterprises for self-employment	1	2	8	0	2	0	5	0	0	0
Deogarh	RY	OFC	CBD	Different income generating activities for SHGs	1	2	5	0	0	0	8	2	0	0
Deogarh	FW	OFC	FIS	Composite Pisciculture	1	1	6	4	2	4	3	4	0	2
Deogarh	FW	OFC	FIS	Feed management for scientific pisciculture	1	1	0	0	0	0	10	15	0	0
Deogarh	FW	OFC	FIS	Disease management in pisciculture	1	1	0	0	0	0	0	0	25	0
Deogarh	FW	OFC	WOE	Preparation of low cost supplementary food for pre school children for reduction of malnutrition.	1	1	0	0	0	8	0	0	0	17
Deogarh	FW	OFC	WOE	Income generation of farm women through value addition of mango	1	1	0	0	0	4	0	14	0	7

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
Deogarh	FW	OFC	WOE	Planning layout of kitchen garden	1	1	0	0	0	4	0	16	0	5
Deogarh	FW	ONC	WOE	Paddy straw mushroom cultivation and its value addition	1	1	0	0	0	1	0	5	0	19
Deogarh	FW	OFC	WOE	Reduction of drudgery of farm by using hand ridger in groundnut.	1	1	0	1	0	0	0	0	0	24
Deogarh	FW	ONC	WOE	Storage of grains by using ITK	1	1	0	0	0	3	0	2	0	20
Deogarh	FW	OFC	WOE	Value addition of sweet potato	1	1	0	0	0	0	0	20	0	5
Deogarh	FW	ONC	WOE	Oyster mushroom cultivation	1	1	0	0	0	1	0	16	0	8
Deogarh	FW	OFC	WOE	Preparation and uses of vermi compost	1	1	0	0	0	0	0	8	0	17
Deogarh	FW	OFC	WOE	Value addition of tomato	1	1	0	0	0	1	0	0	0	24
Deogarh	FW	OFC	WOE	Value addition of mushroom	1	1	0	0	0	3	0	0	0	22
Deogarh	FW	OFC	WOE	Role of low cost improved storage structure	1	1	0	0	0	5	0	0	0	20
Deogarh	FW	OFC	LPM	Goatery management	1	1	0	0	0	0	0	25	0	0
Deogarh	FW	OFC	LPM	Deworming of kids	1	1	0	0	0	2	0	19	0	4
Deogarh	RY	ONC	WOE	Cultivation and value addition of oyster mushroom for income generation	1	2	0	0	0	1	0	5	0	9
Deogarh	RY	OFC	LPM	Rearing management of chicks	1	2	0	0	1	0	3	11	0	0
Deogarh	IS	ONC	WOE	Dietary management for control of anaemia in pregnant women	1	2	0	9	0	1	0	0	0	0

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
Deogarh	Integrated Farming System	Cereals, Oil seed, Pulses, Fruits, vegetable, Poultry, Pisciculture and other enterprises	Integrated Farming System	7	1	0	0	0	9	0
Deogarh	Nursery management of different horticultural crops	Fruits, Flowers and vegetables	Nursery management	7	0	0	1	0	9	0
Deogarh	Production of quality planting materials under protective cultivation	Poly house/Net house	Protective cultivation	7						
Deogarh	Income generation through value addition of fruits and vegetable	Fruits and vegetable	Income generation	7	0	0	0	5	0	5
Deogarh	Integrated pest and disease management in Oil seed and Pulses	Oil seed and Pulses	Yield enhancement of pulses and oilseeds through implementation of proper IPM strategy	7	0	0	1	0	9	0

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	
Deogarh					

Table 5.4. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Deogarh	Acid soil management	SFM	SFM	FW	1	4	42	0	8	5	10	35	AICRP on STCR, OUAT, Bhubaneswar	5,500

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)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Deogarh														

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
			Before	After	Before	After	Before	After	
Deogarh	Improved practices for sweet corn cultivation	25	24	55					1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
Deogarh	INM in kharif rice	25	25.4	46.3					1. Area expanded (ha):-46 2. No. of farmers adopted (no.): 15 3. % change in knowledge: 129.1 4. % change in production 5. % change in Income

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	
Deogarh	SRI methods of rice cultivation	25	36	52	38	58.3	15000	25000	1. Area expanded (ha):-112 2. No. of farmers adopted (no.): 19 3. % change in knowledge:83.2 4. % change in production:53.4 5. % change in Income:66.6
Deogarh	Integrated Farming System	25	15	28	22	40	7000	24000	1. Area expanded (ha):-4 2.No. of farmers adopted (no.): 04 3. % change in knowledge:82.3 4. % change in production:81.8 5. % change in Income:242.8
Deogarh	Improved practices for kharif pulse cultivation	25	35	68					1. Area expanded (ha):-123 2.No. of farmers adopted (no.): 18 3. % change in knowledge:94.2 4. % change in production 5. % change in Income
Deogarh	Improved practices for hybrid maize cultivation	25	31.2	65.5					1. Area expanded (ha):-4 2.No. of farmers adopted (no.): 4 3. % change in knowledge:109.9 4. % change in production 5. % change in Income
Deogarh	Improved practices for rabi pulse cultivation	25	23.8	45.6					1. Area expanded (ha):-27 2.No. of farmers adopted (no.): 12 3. % change in knowledge:29.1 4. % change in production 5. % change in Income
Deogarh	Improved practices for sunflower cultivation	25	38	60					1. Area expanded (ha):-29 2.No. of farmers adopted (no.): 1 3. % change in knowledge:57.8 4. % change in production 5. % change in Income

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	
Deogarh	Integrated Farming System	25	15	28	22	40	7000	24000	1. Area expanded (ha):-3 2.No. of farmers adopted (no.): 3 3. % change in knowledge:82.3 4. % change in production:81.8 5 % change in Income:242.2
Deogarh	Improved practices of rabi groundnut cultivation	25	35	62					1. Area expanded (ha):-70 2.No. of farmers adopted (no.):16 3. % change in knowledge:77.1 4. % change in production 5 % change in Income
Deogarh	Introduction of rice variety Sahabhagi dhan in upland	25	12	35	25.2	44.8	6000	15500	1. Area expanded (ha):-20 2.No. of farmers adopted (no.): 15 3. % change in knowledge:191.6 4. % change in production:77.7 5 % change in Income:158.3
Deogarh	Rice green gram cropping system in upland situation	25	18	42	26.2	47.4	7500	17000	1. Area expanded (ha):-87 2.No. of farmers adopted (no.): 6 3. % change in knowledge:133.3 4. % change in production:80.9 5 % change in Income:126.6
Deogarh	Production technologies for field crops	10	48	75					1. Area expanded (ha):-15 2.No. of farmers adopted (no.): 07 3. % change in knowledge:56.2 4. % change in production 5 % change in Income
Deogarh	Nursery raising off season Vegetables	25	25	36	85	123	23000	42500	1. Area expanded (ha):-1 2.No. of farmers adopted (no.): 23 3. % change in knowledge:44 4. % change in production-44.7 5 % change in Income-84.7

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	
Deogarh	Fertilizer management in tomato	25	32	45.8	210	295	42000	53500	1. Area expanded (ha):-14 2.No. of farmers adopted (no.): 17 3. % change in knowledge:43.1 4. % change in production-40.4 5 % change in Income-27.3
Deogarh	Fertilizer management in Kharif onion	25	12	26		140		52000	1. Area expanded (ha):-4 2.No. of farmers adopted (no.): 12 3. % change in knowledge:116.6 4. % change in production 5 % change in Income
Deogarh	Integrated Weed management in Sweet orange orchards	25	24	42	180	245	126200	227300	1. Area expanded (ha):-17 2.No. of farmers adopted (no.): 19 3. % change in knowledge:75 4. % change in production-36.1 5 % change in Income-80.1
Deogarh	Introduction of horticulture based farming system	25	24	38	40	130	15000	35000	1. Area expanded (ha):-28 2.No. of farmers adopted (no.): 16 3. % change in knowledge:58.3 4. % change in production-225 5 % change in Income-133.3
Deogarh	Integrated Nutrient management in tomato	25	32	45.8	210	295	42000	53500	1. Area expanded (ha):-18 2.No. of farmers adopted (no.): 24 3. % change in knowledge:43.1 4. % change in production-40.4 5 % change in Income-27.3
Deogarh	Integrated Nutrient management of Cauliflower	25	22	43	185	265	32200	43500	1. Area expanded (ha):-14 2.No. of farmers adopted (no.): 21 3. % change in knowledge:95.4 4. % change in production-43.2 5 % change in Income-35

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	
Deogarh	Integrated Nutrient management of Cabbage	25	21	39	170	284	31000	42400	1. Area expanded (ha):-18 2.No. of farmers adopted (no.): 22 3. % change in knowledge:85.7 4. % change in production-67 5 % change in Income-36.7
Deogarh	Integrated Weed management in Onion	25	12	29	160	220	42000	62000	1. Area expanded (ha):-12 2.No. of farmers adopted (no.): 24 3. % change in knowledge:141.6 4. % change in production-37.5 5 % change in Income-47.6
Deogarh	Cultural practices in Mango orchard	25	21	37					1. Area expanded (ha):-20 2.No. of farmers adopted (no.): 24 3. % change in knowledge:76.1 4. % change in production 5 % change in Income
Deogarh	Cultural practices in Litchi orchard	25	26	39					1. Area expanded (ha):24 2.No. of farmers adopted (no.):25 3. % change in knowledge:50 4. % change in production 5 % change in Income
Deogarh	Cultural practices in sweet orange orchard	25	23.5	42					1. Area expanded (ha):-21 2.No. of farmers adopted (no.):19 3. % change in knowledge:78.7 4. % change in production 5 % change in Income
Deogarh	Nursery management of horticulture fruit crops	15	12	36					1. Area expanded (ha):- 2.No. of farmers adopted (no.):2 3. % change in knowledge:200 4. % change in production 5 % change in Income

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	
Deogarh	Rejuvenation of fruit crops	10	24	42					1. Area expanded (ha):-10 2.No. of farmers adopted (no.): 5 3. % change in knowledge:75 4. % change in production 5 % change in Income
Deogarh	Control of yellow stem borer in rice	25	24.8	45.6					1. Area expanded (ha):-30 2.No. of farmers adopted (no.): 11 3. % change in knowledge:83.9 4. % change in production 5 % change in Income
Deogarh	Technique of seed and soil treatment by pesticides and biocides	25	22	43					1. Area expanded (ha):-88 2.No. of farmers adopted (no.): 16 3. % change in knowledge:95.4 4. % change in production 5 % change in Income
Deogarh	Control of wilt disease in solanaceous vegetables	25	28	55					1 Area expanded (ha):-45 2 No. of farmers adopted (no.): 12 3 % change in knowledge:75.2 4 % change in production:80% 5 % change in Income:75%
Deogarh	Integrated pest and disease managements in cucurbits	25	38	63					1 Area expanded (ha):-36 2 No. of farmers adopted (no.): 12 3 % change in knowledge:65.7 4 % change in production: 5 % change in Income:
Deogarh	Control of blast disease in rice	25	32	65	27.4	46.2	7000	15500	1 Area expanded (ha):-28 2 No. of farmers adopted (no.): 9 3 % change in knowledge:103.1 4 % change in production::68.6 5 % change in Income:121.4

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	
Deogarh	Control of bacterial leaf blight in rice	25	22	46	24.8	44	4500	12500	1. Area expanded (ha):-48 2.No. of farmers adopted (no.): 12 3. % change in knowledge:96.5 4. % change in production:88.2 5 % change in Income:200
Deogarh	Control of hopper burn in rice	25	22	46	24.8	44	4500	12500	1. Area expanded (ha):-26 2.No. of farmers adopted (no.):12 3. % change in knowledge:109.1 4. % change in production:77.4 5 % change in Income:177.7
Deogarh	Control of stem borer in mango	25	26	47					1. Area expanded (ha):-37 2.No. of farmers adopted (no.): 115 3. % change in knowledge:80.7 4. % change in production 5 % change in Income
Deogarh	IPM against control of gundhi bug in rice	25	42	76	24.8	44.4	5500	12000	1. Area expanded (ha):-58 2.No. of farmers adopted (no.): 17 3. % change in knowledge:80.9 4. % change in production:79 5 % change in Income:118.1
Deogarh	Control of powdery mildew in watermelon	25	34	59	216	328	48500	81500	1. Area expanded (ha):-72 2.No. of farmers adopted (no.): 16 3. % change in knowledge:73.5 4. % change in production:51.8 5 % change in Income:68
Deogarh	Control of fruit borer in litchi	25	23	49					1. Area expanded (ha):-75 2.No. of farmers adopted (no.): 11 3. % change in knowledge:113 4. % change in production 5 % change in Income

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	
Deogarh	Control of thrips in onion	25	31	53					1 Area expanded (ha):-48 2 No. of farmers adopted (no.): 121 3 % change in knowledge:70.9 4 % change in production 5 % change in Income
Deogarh	Apiculture for income generation	15	22	46					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 04 3 % change in knowledge:109.1 4 % change in production 5 % change in Income
Deogarh	Non-conventional method of pest control	10	48	78					1. Area expanded (ha):- 28 2. No. of farmers adopted (no.): 11 3. % change in knowledge: 62.5 4. % change in production 5. % change in Income
Deogarh	Use, operation and care during operation of plant protection equipments	25	25.4	46.3					1. Area expanded (ha):- 26 2. No. of farmers adopted (no.): 18 3. % change in knowledge:82.3 4. % change in production 5. % change in Income
Deogarh	Use, operation and maintenance of primary and secondary tillage implements	25	33.1	65.6					1. Area expanded (ha):- 43 2. No. of farmers adopted (no.): 22 3. % change in knowledge:98.2 4. % change in production 5. % change in Income
Deogarh	INM in kharif rice	10	21.4	48.5					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 03 3. % change in knowledge:126.6 4. % change in production 5. % change in Income

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	
Deogarh	Improved practices for sweet corn cultivation	10	23.5	43.2					1. Area expanded (ha):- 5 2. No. of farmers adopted (no.): 12 3. % change in knowledge:83.8 4. % change in production 5. % change in Income
Deogarh	SRI methods of rice cultivation	10	31.2	65.5					1. Area expanded (ha):- 13 2. No. of farmers adopted (no.): 10 3. % change in knowledge:89 4. % change in production 5. % change in Income
Deogarh	Integrated Farming System	10	41.5	73.2					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 05 3. % change in knowledge:76.4 4. % change in production 5. % change in Income
Deogarh	Improved practices for kharif pulse cultivation	10	32.6	78.1					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 10 3. % change in knowledge:99.6 4. % change in production 5. % change in Income
Deogarh	Improved practices for hybrid maize cultivation	15	25.4	46.3					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 02 3. % change in knowledge:82.3 4. % change in production 5. % change in Income
Deogarh	Improved practices for rabi pulse cultivation	15	33.1	65.6					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 19 3. % change in knowledge:98.2 4. % change in production 5. % change in Income

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	
Deogarh	Improved practices for sunflower cultivation	15	21.4	48.5					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 03 3. % change in knowledge:126.6 4. % change in production 5. % change in Income
Deogarh	Integrated Farming System	15	23.5	43.2					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 19 3. % change in knowledge:83.8 4. % change in production 5. % change in Income
Deogarh	Improved practices of rabi groundnut cultivation	25	32.6	78.1					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 12 3. % change in knowledge:139.6 4. % change in production 5. % change in Income
Deogarh	Introduction of rice variety Sahabhagi dhan in upland	25	24.8	45.6					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 04 3. % change in knowledge:83.9 4. % change in production 5. % change in Income
Deogarh	Rice green gram cropping system in upland situation	25	28.6	47.3					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 5 3 % change in knowledge:46.70 4 % change in production 5 % change in Income
Deogarh	Farm business management	10	27.5	39.6					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 0 3. % change in knowledge:26.0 4. % change in production 5. 5 % change in Income

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	
Deogarh	Gender issues in agriculture	10	27.8	32.1					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 0 3. % change in knowledge:62.0 4. % change in production 5. % change in Income
Deogarh	Organization of different farmer groups	10	29.6	45.8					1. Area expanded (ha):-0 2. No. of farmers adopted (no.): 0 3. % change in knowledge:35.5 4. % change in production 5. % change in Income
Deogarh	Organization of farmers club	15	25.6	36.6					1. Area expanded (ha):-0 2. No. of farmers adopted (no.): 0 3. % change in knowledge:32.5 4. % change in production 5. % change in Income
Deogarh	Integrated farming system	15	34.5	20.5					1. Area expanded (ha):-12 2. No. of farmers adopted (no.):15 3. % change in knowledge:42.1 4. % change in production 5. % change in Income
Deogarh	Agro- based enterprises for self-employment	15	30.0	42.4			600	1720	1. Area expanded (ha):- 2. No. of farmers adopted (no.): 35 3. % change in knowledge:70.0 4. % change in production 5. % change in Income
Deogarh	Different income generating activities for SHGs	15	22.7	34.2			650	1550	1. Area expanded (ha):- 2. No. of farmers adopted (no.): 31 3. % change in knowledge:37.4 4. % change in production 5. % change in Income:42

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	
Deogarh	Composite Pisciculture	25	29.8	35.9	6.5	8.7	2500	3100	1. Area expanded (ha):-10.5 2. No. of farmers adopted (no.):32 3. % change in knowledge:36.7 4. % change in production:33.3 5. % change in Income:24
Deogarh	Feed management for scientific pisciculture	25	26.4	32.7	6.7	8.3	2500	3450	1. Area expanded (ha):-7.6 2. No. of farmers adopted (no.): 23 3. % change in knowledge:26.5 4. % change in production:17.3 5. % change in Income:36
Deogarh	Preparation of low cost supplementary food for pre school children for reduction of malnutrition.	25	37.2	45.6			4200	5800	1. Area expanded (ha):- 2. No. of farmers adopted (no.): 12 3. % change in knowledge:53.2 4. % change in production: 5. % change in Income:31.3
Deogarh	Income generation of farm women through value addition of mango	25	35.5	62					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 15 3. % change in knowledge:36.1 4. % change in production:24.3 5. % change in Income:25.6
Deogarh	Planning layout of kitchen garden	25	43	55					Area expanded (ha):- 1. No. of farmers adopted (no.): 17 2. % change in knowledge:85.7 3. % change in production 4. % change in Income-35.4
Deogarh	Paddy straw mushroom cultivation and its value addition	25	17	56.5					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 16 3. % change in knowledge:51.5 4. % change in production-32.5 5. % change in Income-22.7

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	
Deogarh	Reduction of drudgery of farm by using hand ridger in groundnut.	25	35	52.4	65	67			1. Area expanded (ha):-12 2. No. of farmers adopted (no.): 16 3. % change in knowledge:44.1 4. % change in production-17.7 5. % change in Income21.7
Deogarh	Storage of grains by using ITK	25	42.4	65.5					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 18 3. % change in knowledge:79.6 4. % change in production-31.3 5. % change in Income23.3
Deogarh	Value addition of sweet potato	25	34	59.5					1. Area expanded (ha):-2.5 2. No. of farmers adopted (no.): 9 3. % change in knowledge:76.8 4. % change in production 5. % change in Income-21.5
Deogarh	Oyster mushroom cultivation	25	22	62.7					1. Area expanded (ha) 2. No. of farmers adopted (no.): 17 3. % change in knowledge:58.2 4. % change in production 5. % change in Income:24.5
Deogarh	Preparation and uses of vermi compost	25	21.5	58					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 11 3. % change in knowledge:84.8 4. % change in production 5. % change in Income-22.5
Deogarh	Value addition of tomato	25	15.5	57.4					1. Area expanded (ha):- 2. No. of farmers adopted (no.):1 5 3. % change in knowledge:61.6 4. % change in production-32.3 5. % change in Income-25.8

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	
Deogarh	Value addition of mushroom	25	22	59.5					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 4 3. % change in knowledge:53.7 4. % change in production:25.7 5. % change in Income24.3
Deogarh	Role of low cost improved storage structure	25	23.5	56.4					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 8 3. % change in knowledge:64.6 4. % change in production: 5. % change in Income17.5
Deogarh	Goatery management	25	17.5	47.8					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 12 3. % change in knowledge:66.4 4. % change in production-24.8 5. % change in Income24.3
Deogarh	Deworming of kids	25	26.8	53.6					1. Area expanded (ha):-3 2. No. of farmers adopted (no.): 5 3. % change in knowledge:47.8 4. % change in production-16.7 5. % change in Income-35.7
Deogarh	Cultivation and value addition of oyster mushroom for income generation	15	22.6	65.3					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 13 3. % change in knowledge:45.7 4. % change in production18.7 5. % change in Income22.4
Deogarh	Rearing management of chicks	15	18.5	43.9					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 12 3. % change in knowledge:52.3 4. % change in production -21.7 5. % change in Income-19,6
Deogarh	Dietary management for control of anemia in pregnant women	10	44.7	79.7					1. Area expanded (ha): 2. % change in knowledge:-47.9 3. % change in production : 4. % change in Income-13.9

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			
Deogarh	Field Day	6	4	120	22	26	30	8	0	Field days	Plant protection, varietal evaluation, INM	Harvesting
Deogarh	Kisan Mela	1	1	72	12	40	26	10	0	Awareness	Govt. programmes and schemes	-
Deogarh	Kisan Ghosthi	3	2	24	0	0	0	0	0	Tomato cultivation	Management practices of tomato cultivation	Vegetative and harvesting stages
Deogarh	Exhibition	2	4							showing latest technologies		
Deogarh	Film Show	30	33	512	110	80	33	25	17	44 CD shows	Agriculture and allied subjects	All stages
Deogarh	Method Demonstrations	2	2	42	0	18	0	5	0	Agricultural implements	Use of agricultural implements	Rice transplanting and harvesting
Deogarh	Farmers Seminar	1	1	17	8	12	13	3	0	SRI	SRI	Transplanting
Deogarh	Workshop	1	1	25	0	0	0	4	0			
Deogarh	Group meetings	20	26	80	24	52	22	7	2	Discussion	Management practices	All stages
Deogarh	Lectures delivered as resource persons	25	37	1200	150	300	127	10	3	Discussion on latest technologies	Management practices	All stages
Deogarh	Newspaper coverage	4	4							SAC, Exhibition, farmer scientist interaction		
Deogarh	Radio talks	2	1							Maize cultivation		

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			
Deogarh	TV talks	2	7							Value addition, horticulture crops		
Deogarh	Popular articles	2	1								Women empowerment	
Deogarh	Extension Literature	4	5								value addition and mushroom cultivation	
Deogarh	Farm advisory Services	20	29	122	12	15	8	6	2	Awareness	Agriculture and allied subjects	
Deogarh	Scientist visit to farmers field	60	78	242	57	106	43	8	0	Problems in farmer's field		All stages
Deogarh	Diagnostic visits	25	38	75	8	11	7	4	0	Agriculture and allied subjects		All stages
Deogarh	Exposure visits	1	3	36	0	10	2	0	0	Visit to OUAT and ICAR institutions		
Deogarh	Ex-trainees Sammelan	2	4	75	15	20	10	0	0	Assessment of knowledge		
Deogarh	Soil health Camp	1	0	0	0	0	0	0	0			
Deogarh	Animal Health Camp	1	1	15	5	25	5	3	0	Animal health check up		
Deogarh	Soil test campaigns	1	1	42	0	8	0	3	0	Awareness programme on soil testing		
Deogarh	Farm Science Club conveners meet	1	2	40	0	22	8	8	0	Awareness		
Deogarh	Self Help Group conveners meetings	1	1	0	26	0	24	4	0	Awareness		
Deogarh	Mahila Mandals conveners meetings	1	0	0	0	0	0	0	0	Awareness		
Deogarh	Celebration of important days	3	3	63	29	8	50	9	0	Awareness		

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

A) KVK News Letter ((,etc.): 4

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Deogarh	01/04/2012	Quarterly	2800	2800

(B) Literature developed/published

KVK Name	Type	Title	Authors name	Number of copies
Deogarh	Booklet	Improved practices of sesamum cultivation	S K NATH, K C BARIK, S K SAHU, L SOREN A PATRO	500
Deogarh	Booklet	Improved practices of pigeon pea cultivation	S K NATH, K C BARIK, S K SAHU, L SOREN A PATRO	500
Deogarh	Booklet	Results of farmers participatory research, ATMA since inception	S K NATH, K C BARIK, S K SAHU, L SOREN A PATRO	500
Deogarh	Booklet	Activities of KVK, Deogarh since inception	S K NATH, K C BARIK, S K SAHU, L SOREN A PATRO	500
Deogarh	Booklet	Value addition of vegetables	A PATRO, S K NATH, K C BARIK, S K SAHU, L SOREN	500

(C) Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Deogarh	CD	Self-propelled rice transplanter	100

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
Deogarh	Cereals							
Deogarh	Cereals							
Deogarh	Pulses	Pigeon pea	ICPL-87119	SD	1.73	Qtl	12,975	45
Deogarh	Fruits							
Deogarh	Oil seed							
Deogarh	Oil seed							
Deogarh	Vegetables							
Deogarh	Others							
Deogarh		Mushroom spawn	Paddy straw	SD	200	Nos	1000.00	

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	
Deogarh	Seedlings	Tomato	18.07.2012			Hybrid Avinas	Seedlings	1000		700	
Deogarh	Seedlings	Tomato	15.09.2012			Hybrid Avinas	Seedlings	15000		7500	
Deogarh	Seedlings	Tomato	16.10.2012			Hybrid Avinas	Seedlings	1000		350	
Deogarh	Seedlings	Tomato	06.11.2012			Hybrid Avinas	Seedlings	10000		3500	
Deogarh	Seedlings	Tomato	15.11.2012			Hybrid Avinas	Seedlings	1000		350	
Deogarh	Seedlings	Tomato	25.02.2012			Hybrid Avinas	Seedlings	1000		350	
Deogarh	Seedlings	Chilli	18.07.2012			Siam hot	Seedlings	1000		500	
Deogarh	Seedlings	Chilli	16.10.2012			Siam hot	Seedlings	1000		500	
Deogarh	Seedlings	Chilli	15.11.2012			Siam hot	Seedlings	1000		500	
Deogarh	Seedlings	Brinjal	18.07.2012			Tarini	Seedlings	1000		500	
Deogarh	Seedlings	Brinjal	16.10.2012			Tarini	Seedlings	1000		500	
Deogarh	Seedlings	Brinjal	15.11.2012			Tarini	Seedlings	1000		500	
Deogarh	Seedlings	Cauliflower	06.11.2012			Megha	Seedlings	5000		4000	
Deogarh	Seedlings	Cauliflower	15.11.2012			Megha	Seedlings	1000		800	
Deogarh	Seedlings	Cabbage	16.10.2012			Disha	Seedlings	1000		500	
Deogarh	Seedlings	Cabbage	06.11.2012			Disha	Seedlings	5000		2500	
Deogarh	Seedlings	Cabbage	15.11.2012			Disha	Seedlings	1000		500	
Deogarh	Seedlings	Papaya	10.02.2012			Red lady	Seedlings	100		1500	

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

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
Deogarh	BIOAGENTS (Earthworm)	11.75 kg	700	11,750.00	
Deogarh	BIOFERTILIZERS(Vermicompost)	5.0 q	420	5,000.00	
Deogarh	BIO PESTICIDES				

8.4 Livestock and fisheries production

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

9. Activities of Soil and Water Testing Laboratory: Not established

Year of establishment :

9.1 List of equipments purchased with amount :

KVK Name	Name of the Equipment	Qty.	Cost

9.2 Details of soil & water samples analyzed so far :

KVK Name	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Deogarh	NPK status	35	35	9	Nil

10. Rainwater Harvesting: Not functioning

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	No. of Courses	No of Demonstrations	Client (PF/R Y/EF)	No. of planting material produced	No of Officials/extension persons Visited	No. of farmers visitors including SC/ST			No. of SC/STParticipants		
								Male	Female	Total	Male	Female	Total
Deogarh													

11. Utilization of hostel facilities

Accommodation available (No. of beds) : Non availability of water, furniture's & fixtures

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)
Deogarh							

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
					Non availability of water

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Deogarh	14.09.2012	18	<ol style="list-style-type: none"> More emphasis should be given on value addition of watermelon. SMS (Home science) in coordination with DSWO, Deogarh should locate suitable SHGs in the district for storage of Onion. KVK should test bulb nursery method of onion to reduce duration of crop as suggested by the ADH, Deogarh. Leaflets on watermelon processing should be prepared. OFT on tissue culture banana taking 2/3 varieties to recommend the best for the district. Usefulness of the bait in sweet orange should be tested. OFT on best suitable Kharif green gram for the district should be taken Mulching in watermelon be given due importance OFT/FLD on high valued crops like capsicum, brocolli should be taken. Two field days must be organised for each OFT & FLDs. More number of ex-trainee samellan to be organised Exposure visit to farming systems should be conducted OFTs, FLDs on summer cabbage to be taken up by SMS (Hort) Sericulture to be taken up as FLD in the next action plan To take the help of VSS and popularize turmeric and ginger in the forest areas. Finding may be circulated in a leaflet to all the line departments.

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

KVK Name	No. of messages sent	No. of beneficiary		Major recommendations
		Farmers	Ext. Pers.	
Deogarh	50	1000	24	<ul style="list-style-type: none"> ➤ Green manuring ➤ Self-employment through agro-based vocations ➤ Variety selection of field crops, vegetable and fruit crops ➤ Seed treatment ➤ Plant protection ➤ INM modules of crops ➤ Kharif vegetables ➤ SRI method of rice cultivation, ➤ Mushroom cultivation ➤ Sunflower cultivation ➤ Awareness on govt programmes

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
Deogarh	ATMA	Centre-state	2,95,000	Farmers-scientist interaction, farm information, exhibition, farmers participatory research	Deogarh district	Activities under progress
Deogarh	MNREGA					
Deogarh	NHM					
Deogarh	RKVY					
Deogarh	DRDA					
Deogarh	Zila Panchyat					
Deogarh	Seed village					
Deogarh	NAIP					
Deogarh	Climate Change					
Deogarh	Others (Plz. Specify)					

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Deogarh	30442362646	22,809	78,987	39,673(profit)

* Rs. 30136.00 is deposited to the DEE, OUAT, Bhubaneswar vide ch. No.-420211, dated 30.06.2011 and Rs. 50000.00 is deposited to the DEE, OUAT, Bhubaneswar vide ch. No.-420215, dated 31.03.2012

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Deogarh	Best farmer award	Farmer	OUAT	
Deogarh	Best farmer award	Farmer	District Horticulture department	
Deogarh	Best farmer award	Farmer	District Horticulture department	
Deogarh	Best farmer award	Farmer	District Horticulture department	
Deogarh	Best farmer award	Farmer	District Horticulture department	
Deogarh	Best farmer award	Farmer	District Horticulture department	

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

GOATERY : A BOON FOR LIVELIHOOD SUPPORT

Goats are among the main meat-producing animals in India , whose meat is one of the choicest meat and has huge domestic demand. Due to its good economic prospects, goat rearing under intensive and semi-intensive system for commercial production has been gaining momentum for the past few years. High demand for goat and its products with potential of good economic returns have been deriving many progressive farmers and educated youths to take up goat enterprise on a commercial scale.

Mrs. Sulochana Kisan is a young ST woman entrepreneur of Kenduchhapal village of Deogarh district. She was rearing two males and three female goats of local breed. In spite of her maximum involvement in goat rearing she could not generate any subsidiary income from the goats due to a number of problems like high cost of production and mortality. She came in contact with scientists of Krishi Vigyan Kendra Deogarh during a training programme at village Kenduchhapal and interacted with the scientist and discussed about her problem. Seeing her interest in goat rearing, scientists from KVK visited her farm and imparted technical guidance on health management and also advised her to go for improved breeds and to form a SHG. With the technical guidance from KVK and local veterinary surgeon she started goat rearing scientifically. Later on the SHG was able to get a bank loan of Rs. 2.5 lakhs under SJGSY and started rearing goats of improved breeds like Sirohi, Black Bengal.

To enhance her potentiality KVK, Deogarh has provided time to time trainings and conducted FLD on Improved goat rearing practices like deworming, vaccination, feed management, supplementation of vitamins and minerals with help from State Veterinary Department, Deogarh. Along with these practices cross breeding was also done with Boer buck with an idea to get more income.

Timely deworming, vaccination and routine checkup has lowered down the mortality and morbidity rate thereby increasing the growth and body weight of the goats. Now she usually sells the castrated goat @ Rs.6000/- , uncastrated @ Rs. 2500/- and female for Rs.3500/-. Her net annual income now comes to Rs.50000/- where as cost of rearing the goats is Rs 10,000/-. Mrs. Sulochana Kisan has become a well recognized commercial goat farmer of the district. Now she is developing and strengthening linkages with the small/ traditional goat farmers of the area for taking up breed improvement and organized marketing.

Her success inspired other landless women of her village and they also joined the same venture for their sustainability.

Salient features

- Result of cross breed goat rearing is very encouraging so goatery has been subsidiary family income for landless poor woman of Deogarh district.
- Cross breed goats are less prone to diseases and meat is palatable
- Cross breed goat weighs 25kg within 6 months

GOATARY UNIT OF SULOCHANA KISHAN



WEIGHT MEASUREMENT



DEWORMING



ROUTINE CHECKUP OF BODT WEIGHT



VACCINATION



SULOCANA'S GOATARY UNIT



VISIT BY VS AND KVK SCIENTIST

ORNAMENTAL FISH FARMING, AN EMERGING OPPORTUNITY FOR SELF EMPLOYMENT

Pankajini Pradhan a young unemployed graduate is inhabitant of Landijhari village of Barkote block, Deogarh. Initially she was looking for a unique profession with a thought of generating income. At the same time she came in contact with Fishery Extension Officer of Barkote block and knew about the prospect of ornamental pisciculture. She became interest to adopt this venture for income generation. Later on ATMA sent her to Central Institute Fresh water Aquaculture, Kousalyaganga, Bhubaneswar for initial training on collection of brood, rearing of brood, its breeding process, Spawning, hatching, and rearing of hatchling of different ornamental fish like gold fish, gouramy, angel fish, black molly, red molly and sword tail. During the training she exposed to different ornamental fish rearing demonstration. The scientist of Central Institute Fresh water Aquaculture and KVK recognised her entrepreneurship for ornamental fish farming and inspired her to adopt this enterprise for income generation. The scientist of CIFA with support of KVK and district fishery department again demonstrated different practices for ornamental colour fish rearing during celebration of fish day at her village. She constructed fish rearing tanks with different accessories with an initial expenditure of Rs10000/-and started breeding of colour fish like black molly, red molly and sword tail. These fishes are capable of laying eggs six times in a year and ready to sell within 3-4 months. As the village is adjacent to the NH-6 and 23 businessmen of steel city Rourkela, Keonjhar and district headquarter rushed to her home to collect fish. She sells fish with cost ranges from Rs. 30-50 per fish. Along with fish selling she has also started making aquarium with an assistant from ATMA. She earned Rs. 50,000/- by selling both fish and aquarium annually. Her success inspired other 10-12 employed girls of the village to go for these ornamental fish rearing. Now she is recognized as the first ornamental fish farmer of the district and her village is renamed as colour fish village.

Salient features

- Ornamental pisciculture require less space for breeding and rearing
- Breeding is very fast so it is a enterprise of low investment and high return
- Rearing practices is very simple so farm women can adopt it for subsidiary income

PHOTOGRAPHS ON ORNAMENTAL FISH



COLOUR FISH UNIT



MAINTENANCE OF TANK



REARING OF COLOUR FISH IN TANK



EXHIBIT AQUARIUM



VISIT BY SCIENTISTS OF KVK & FEO



ADDRESSING TO MASS MEDIA

19. Details of KVK Agro-technological Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Deogarh	Crop Cafeteria	Herbal garden (Indigenous medicinal plants), Tomato (Utkal Kumari, Utkal Dipti, Utkal Raja, Avinash hybrid), Mango (Amrapalli, Langda, Bambay green, Mallika), Maize (Novjot, HQPM, Hybrid, Sweet corn)
Deogarh	Technology Desk	Poly house, Vermi composting, Api culture unit, Ornamental pisciculture
Deogarh	Visitors Gallery	Not established
Deogarh	Technology Exhibition	Not established
Deogarh	Technology Gate-Valve	Not established

20. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Deogarh	Sj. B.K.Rath, Chairman APICOL, Bhubaneswar	26.08.2012	For improvement of fruit cultivation and its value addition in the district
Deogarh	Sj. Sanjeeb Kumar Pradhan, MLA, Deogarh	26.08.2012	Monitoring and discussion programmes of KVK
Deogarh	Sj. Julius Lakra(IAS), Collector and DM, Deogarh	21.05.2012 and 26.08.2012	Monitoring and discussion programmes of KVK
Deogarh	Prof. Debi Prasad Ray, VC, OUAT, Bhubaneswar	15.07.2012	Inauguration of administration building, Kissan mela and exhibition
Deogarh	Prof. S. S. Nanda, DEE, OUAT, Bhubaneswar	15.07.2012	Inauguration of farmer scientist interaction and entrepreneurs meet
Deogarh	Sj. B K Sar, DDA, Deogarh	05.05.2012, 21.08.2012, 14.12.2012, 06.02.2012	Discussion on implementation of various programmes
Deogarh	Sj. R.C.Sahu, AGM, NABARD, Sambalpur	12.07.2012, 08.10.2012, 20.12.2012	Discussion on enlightenment to farmers clubs
Deogarh	Sj. B.K.Rath, LDM, Deogarh	20.12.2012	Credit linkage to SHGS and innovative farmers

21. Status of KVK Website: Established (www.kvkdeogarh.zpdvii.org)

22. E-CONNECTIVITY: Not established

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
Deogarh	Sensitization on ATMA activities	1	50	All crops
Deogarh	Training on drought contingent plan	1	100	Paddy
Deogarh	Entrepreneurship development for tribal women through mushroom cultivation	1	30	Mushroom
Deogarh	Mechanization in rice farming (use of power weeder)	1	85	Paddy
Deogarh	District level exhibition -cum - Kissan mela	1	200	All crops
Deogarh	Farmers-Scientist interaction	1	100	Crops in upland situation
Deogarh	District level orientation of extension workers on kharif crops	1	40	Field crops in Kharif season

24. 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 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				
Deogarh				

Bio-control Agents

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

(e) Bio-Fertilizer

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

(f) Vermes Produced

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

(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
Deogarh	2	200					1	100			4	200

25. **Status of KVK Website:** Already having website

If available, please provide the address of website: www.kvkdeogarhdpdvi.org.in

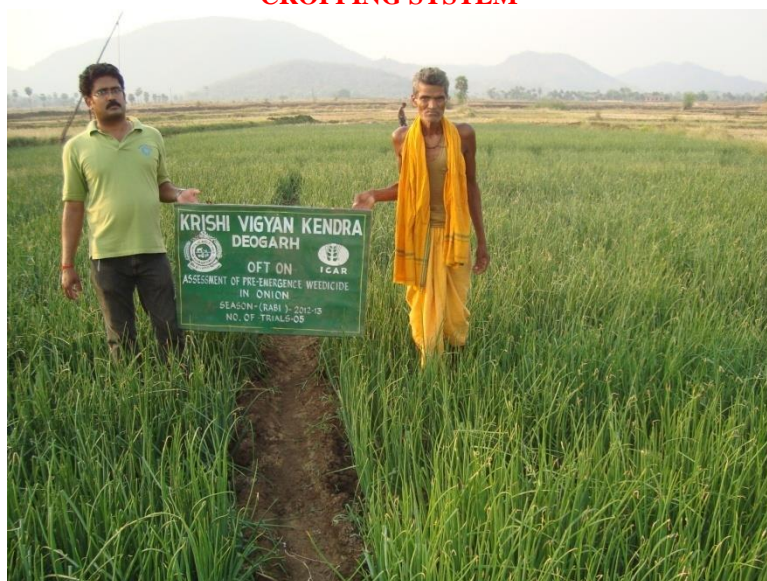
26. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem) –



PRODUCTION ENHANCEMENT OF RICE GREEN GRAM CROPPING SYSTEM



SAHABHAGI DHAN FOR DROUGHT PRONE AREAS OF DEOGARH DISTRICT



PRE-EMERGENCE WEEDICIDE IN ONION



BIOFERTILIZER IN CABBAGE



MANAGEMENT PRACTICES FOR BLB IN RICE



MANAGEMENT PRACTICES FOR FRUIT FLY IN WATERMELON



BULLOCK THRESHED STRAW AS SUBSTRATE FOR PADDY STRAW MUSHROOM CULTIVATION



PARAD TABLET FOR PREVENTION OF INSECT PEST DURING STORAGE OF RICE

***Annexure 1 : Adoption of SRI technology by the farmers (n=25)**

Sl. No.	Parameters	Extent of adoption		
		Fully adopted	Partially adopted	Not adopted
1	2 kg of seed for nursery	19	06	00
2	Seed soaking 12 hrs before raising nursery	18	07	00
3	Seed treatment	04	02	19
4	Raised seed bed preparation	21	03	01
5	Well decomposed manure /FYM to nursery bed	14	08	03
6	Uniform broad casting of seeds on nursery bed	13	10	02
7	Transplanting with 8-12 days of seedling	17	00	08
8	Uprooting seedling without causing harm	15	06	04
9	Transplanting at field saturation level	21	02	02
10	Transplanting in the well puddle leveled main field	24	01	00
11	Drainage channels for every 2 mtrs in main field	06	10	09
12	Use of markers	17	06	02
13	Maintaining spacing 25×25 cm	17	06	02
14	Only 16 seedlings/m ² to be planted	17	06	02
15	One plant/ hill to be planted	22	02	01
16	No inundation , only field saturation to be maintained	06	08	11
17	No use of weedicide	23	02	00
18	Use of cono/ mandua weeder	18	06	01
19	Use of bio-products as much as possible as input	02	08	15
20	Dhanicha in the main field	03	00	22
21	Chemical fertiliser application	11	13	01
21	Use of bio-pesticides and IPM modules	00	04	21

Problems as perceived by the farmers (n=25)

Sl. No.	Constraints	Rank
1	Non-availability of skilled labours for pulling out and transplanting of seedlings	I
2	More weed problem than the conventional rice farming	IX
3	SRI requires more labour	X
4	SRI not for sloppy land	VII
5	SRI not suitable for black and clayey soil	XI
6	SRI requires more labour during scarce period	VI
7	Difficult to run cono weeder in saturation condition	VIII
8	Difficult to run marker	XII
9	Good leveling and making drainage channels is a problem in plateau ecosystem	II
10	Non-availability of sufficient manure	IV
11	Irrigation and assured water availability depends upon rain God	III
12	Negative comments from co-farmers	V