

## **Instructions for Filling the Format**

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

## REPORTING PERIOD – April 2010 to March, 2011

### 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	14	92	14	92	
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)	11.3	122	11.3	122	
Deogarh	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	2	10	2	10	
Deogarh	Training-Farmers and farm women	76	1900	76	1900	
Deogarh	Training-Rural youths	7	105	7	105	
Deogarh	Training- Extension functionaries	9	90	9	90	
Deogarh	Extension Activities	320	3125	635	6097	
Deogarh	Seed Production (Number of activity as seeds in quintal)	2.5 q	15	3.112	37	20333.00
Deogarh	Planting material ((Number of activity as quantity of planting material in quintal)	0	0	0	0	0
Deogarh	Seedling Production (Number of activity as number of seedlings in numbers)	50000	400	69782	420	26406.00
Deogarh	Sapling Production (Number of activity as number of sapling in numbers)	0	0	0	0	0
Deogarh	Other Bio- products	3q	10	4q	12	2000.00
Deogarh	Live stock products	0	0	0	0	
Deogarh	SAC Meeting (Date & no. of core/official members	1	19	01.03.2011	19	
Deogarh	Newsletters (no.)	2	2000	2	2000	
Deogarh	Publication (Research papers, popular article)	3	0	5	0	
Deogarh	Convergence programmes / Sponsored programmes	1	50	1	50	66000
Deogarh	KVK-ATMA Linkage programme (Number of activities)	4		4		195000
Deogarh	Outreach of KVK in the District (No. of blocks, no. of villages)	3	65	3	87	
Deogarh	Soil sample tested	20	20	35	35	0
Deogarh	Water sample tested	0	0	0	0	0
Deogarh	KMA (No. of messages & beneficiaries)	90	150	92	156	

# 1. GENERAL INFORMATION

## 1.1. Staff Position (as on date 31.03.2011)

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) GP-10000	56180	28.10.09	Permanent	Others
Deogarh	Subject Matter Specialist1	Mr. S. K. Sahoo	Horticulture	M.sc.(Hort.)	Horticulture	15600 – 39100) GP-6000	8025	19.7.2006	Permanent	Others
Deogarh	Subject Matter Specialist2	Er. D. K. Mohanty	Agril Engineering	M.Tech.	Agril Engineering	15600 – 39100) GP-6000	9375	01.04.2007	Permanent	Others
Deogarh	Subject Matter Specialist3	Sri. S.K.Nath	Agril Extension	M.sc.(Ag.)	Agril Extension	15600 – 39100) GP-6000	9100	05.08.09	Permanent	Others
Deogarh	Subject Matter Specialist4	Smt Anita Patro	Home Science	Msc.(H.Sc.)	Home Science	15600 – 39100) GP-6000	8000	18.12.09	Permanent	Others
Deogarh	Subject Matter Specialist5	Sri Laba Soren	Plant Pathology	M.sc.(Ag.)	Plant Pathology	15600 – 39100) GP-6000	8000	24.12.09	Permanent	ST
Deogarh	Subject Matter Specialist6	Vacant								
Deogarh	Programme Assistant	Vacant								
Deogarh	Farm Manager	Sri Sandeep Mohanty	Plant Pathology	M.sc.(Ag.)	Plant Pathology	9300 – 39100) GP-4200	6025	08.07.2008	Permanent	Others
Deogarh	Computer Programmer	Sri Nihar Ranjan Baral	Computer	B.Sc.	Computer	9300 – 39100) GP-4200	6025	10.08.2009	Contractual	Others
Deogarh	Accountant / superintendent	Vacant								
Deogarh	Stenographer	Sri Benudhar Moharana		B.A.		5200-20200 GP-2400	4300	11.10.2006	Contractual	Others
Deogarh	Driver	Sri Akura Mohapatra		10 <sup>th</sup>		3050-75-3950-80-4590	3050	29.07.2008	Contractual	Others
Deogarh	Driver	Vacant								
Deogarh	Supporting staff	Sri Dwija Behera		9 <sup>th</sup>		2550-55-2660-60-3200	2550	31.07.2008	Contractual	Others
Deogarh	Supporting staff	Sri Raghu Senapati		6 <sup>th</sup>		2550-55-2660-60-3200	2550	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	274095	Agroclimatic zone	North-western Plateau	Total Area	2781.66 sq. km
No. of Tehsil	1	Males	138913	Latitude	21° 31' 53" N	Forest land	1560.22 sq. km
No. of Blocks	3	Females	135182	Longitude	84° 43' 2" E	Irrigated area (32.22%)	Kharif : 15,887 ha. Rabi : 8,425 ha
No. of G.P	60	Literacy Rate	60.78%	Average rainfall	1582.5 mm	Net sown area	66800 ha
No. of Villages	774	Male : Female ratio	1000 : 980	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	Niktimal	2006-07	Tileibani	20	385	85
Deogarh	Kureibahal	2006-07	Tileibani	20	410	82
Deogarh	Bangalimunda	2006-07	Tileibani	50	210	33
Deogarh	Akhyarshilla	2009-10	Barkote	45	850	119
Deogarh	Khilaberini	2008-09	Reamal	65	376	96

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

KVK Name	THRUST AREA
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, goatery and dairy farming

#### 1.4. 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 (Assessmen/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	
1	2010-Kharif	The poor rainfed farmers with small land holdings mainly concentrated on crop production with erratic rainfall and degraded soil fertility	Assessment	Integrated farming system	Rice	Rainfed	Assessment of Integrated farming system model for rainfed eco-system	01	Sustainability Index- (-9.65)%	Sustainability Index- (54.58)%	15820	44230	This IFS model should be recommended for rain fed areas of Deogarh districts
Deogarh	2020-11-Rabi	Transplanting of 8-10 days old young seedlings @ 1 seedling / hill is one of the major field constraint under SRI cultivation.	Assessment	Integrated crop management	Rice	Rainfed /Irrigated	Assessment of direct seeding of sprouted seeds under SRI cultivation.	02					This technology should be recommended for rainfed as well as to irrigated areas of Deogarh district during Rabi season
Deogarh	2010-Kharif	Low yield (120 q/ha) due to use of degenerated seed materials	Assessment	Varietal evaluation.	Chilli	Rainfed, up land	Assessment of Chilli variety Utkal Ava	05	70.4q/ha	95.2q/ha	24760	46850	This variety of chilli can be recommended for rainfed and upland areas of Deogarh district during kharif season

Deogarh	2010-Kharif	Low yield due to use of local seed materials	Assessment	Varietal evaluation.	Sweet potato	Rainfed, medium land	Assessment of Sweet Potato Var. Kishan	05	115q/ha	156q/ha	23150	34800	This variety of sweet potato can be recommended for rainfed and upland areas of Deogarh district during kharif season
Deogarh	2020-11-Rabi	Low yield (150 q/ha) due to use of degenerated seed materials	Assessment	Varietal evaluation.	Onion	Rainfed, medium land	Assessment of Onion variety Agrifound Light Red	05					
Deogarh	2020-11-Rabi	Low return due to cracking fruits	Assessment	Integrated nutrient management	Tomato	Irrigated, upland	Assessment of boron in tomato	05	320q/ha	406q/ha	79400	117600	Boron @2g/ltr. water 1st spraying at flowering stage and 2 <sup>nd</sup> spraying after 15 days recommended for boron deficiency area of Deogarh district
Deogarh	2010-Kharif	Low yield of rice due to high incidence of blast.	Assessment	Integrated Disease Management	Rice	Rainfed low land	Assessment of IDM for blast in Rice.	06	Yield-47.0/ Tiller infestation -22 nos./sqm	Yield-28.0 q/ha & Tiller infestation-6.6 nos./sqm	7200	14300	This technology can be recommended to blast thrust areas of Deogarh district of during kharif

Deogarh	2010-Kharif	Low yield due to high incidence of stem borer	Assessment	Integrated Pest Management	Rice	Rainfed low land	Assessment of IPM modules against yellow stem borer in rice.	05	Yield-45.2.0/ Panicle infestation-8 nos./sqm	Yield-27.0.q/ha &/ Panicle infestation-3.2 nos.sqm	6300	12680	This technology can be recommended to YSB thrust areas of Deogarh district of during kharif
Deogarh	2010-11-Rabi	Low yield of cabbage due to high infestation of diamond black moth.	Assessment	Integrated Pest Management	Cabbage	Rainfed, medium land	Assessment of integrated management of diamond black moth (DBM) in cabbage.	05	Yield-180 q/ha & head infestation-1.6 nos/sqm	Yield-300 q/ha & head infestation-0.4 nos/sqm	42000	75000	This technology can be recommended to DBM thrust areas of Deogarh district of during rabi season
Deogarh	2010-11 Kharif	Incorrect information and information not available in due time	Assessment	ICT	Crop		Assessment of Mobile Krushak Sandesh	40	Information from co-farmers, fertilizers / pesticides dealers , mass media and extension agencies	Mobile Krushak Sandesh using information technology		Save time, solve problem and gives need based information	Mobile krushak sandesh should be promoted for easy dissemination of technologies in time
Deogarh	2010-Kharif	Poor economic status of house hold due to seasonal unemployment of farm women	Assessment	Income generation	Paddy straw mushroom	Homestead	Assessment of SHG for income generation activities through mushroom cultivation around the year	34		Yield-1.8 kg/bed		130/bed	This enterprise may be recommended to the area where women empowerment is necessary



Deogarh	2010-Kharif	Lots of drudgery involved in manual weeding by farm women in ground nut	Assessment	Drudgery reduction	Groundnut	Upland	Assessment of drudgery reduction using rotary peg weeder in groundnut	05	WHR beat/min-89-107 & drudgery reduction-0	WHR beat/min-102-87 & drudgery reduction-36%			Rotary peg weeder can be used for weeding in ground nut field
Deogarh	2010-Rabi	Poor economic status of house hold due to seasonal unemployment of farm women	Assessment	Income generation	Oyster mushroom	Homestead	Assessment of SHG for income generation activities through mushroom cultivation around the year	03		Yield-2.0 kg/bed		95/bed	This enterprise may be recommended to the area where women empowerment is necessary
Deogarh	2010-Kharif	Lots of drudgery involved with high cost of cultivation in line sowing of groundnut	Assessment	Farm machineries	Groundnut	Rainfed	Assessment of groundnut seed drill	03	Output-0.025 ha/h	Output-0.046 ha/h	Cost of operation-1010 Rs./ha	Cost of operation -350 Rs/ha	This implement may be popularized after modification in the metering mechanism
Deogarh	2010-Kharif	Shortage of labour during peak season results in delayed transplanting and low yield with high cost of cultivation	Assessment	Farm machineries	Paddy	Rainfed	Assessment of pre germinated paddy seeder	03	Output-0.0032 ha/h	Output-0.059 ha/h	Cost of operation-2723 Rs/ha	Cost of operation -370 Rs/ha	This implement may be recommended in area where irrigation facilities are there.

Deogarh	2010-Rabi	Wastage of enormous amount of water by ring basin method of irrigation	Assessment	RCT	Litchi	Irrigated	Assessment of drip irrigation in litchi	01	Labour requirement-5 man-days/ha	Labour requirement-1 man-days/ha	Total time require for irrigation-8hr/ha	Total time require for irrigation - 2hr/ha	
Deogarh	2010-Rabi	Manual threshing of sunflower involves lots of drudgery and high cost of threshing	Assessment	Farm machineries	Sunflower	Irrigated	Assessment of sunflower thresher	05	Output-2.3 kg/h	Output-11.2 kg/h	Cost of operation-495 Rs/q	Cost of operation -315 Rs/q	

## 2.2 Economic Performance

KVK name	OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	Demo	Check	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Deogarh	Assessment of Integrated farming system model for rainfed eco-system	Yield from crop and non-crop enterprises (Rs./ha)	100990	46720	30900	56760		46720	100990		15820	44230		1.51	1.78	

<b>Deogarh</b>	Assessment of direct seeding of sprouted seeds under SRI cultivation.	Plant population, weed count, yield parameters, grain yield and net return.														
<b>Deogarh</b>	Assessment of Chilli variety Utkal Ava	Yield (q/ha)	95.2	70.4	45230	48350		70500	95200		24760	46850		1.55	1.96	
<b>Deogarh</b>	Assessment of Sweet Potato Var. Kishan	Yield (q/ha)	156	115	34350	35945		57500	78000		23150	34800		1.67	2.17	
<b>Deogarh</b>	Assessment of Onion variety Agrifound Light Red	Yield (q/ha)	Continuing													
<b>Deogarh</b>	Assessment of boron in tomato	Yield(q/ha),	406q/ha	320q/ha,	80600	85400		160000	203000		79400	117600		1.98	2.37	
		Fruit cracking (%)	Cracking-3%	Cracking-24%												
<b>Deogarh</b>	Assessment of IDM for blast in Rice.	Yield (q/ha)	Yield -47.0/	Yield-28.0/	18,000	28,000		25,200	42,300		7,200	14,300		1.40	1.69	
		Infestation (No. of tillers affected / sq m)	Infestation-22 nos.	Infestation-6.6 nos.												

Deogarh	Assessment of IPM modules against yellow stem borer in rice.	Yield(q/ha)	Yield -45.2	Yield-27.0.0	18000	28000		24300	40680		6300	12680		1.35	1.45	
		Infestation-(No. of panicles affected / sq m)	Infestation-8 nos.	Infestation-3.2 nos.												
Deogarh	Assessment of integrated management of diamond black moth (DBM) in cabbage.	Yield(q/ha)	Yield -180 q/ha)	Yield-180 q/ha)	30000	45000		72000	120000		42000	75000		2.40	2.66	
		Infestation-(No. of heads affected / sq m)	Infestation-1.60 nos.	Infestation-0.40 nos.												
Deogarh	Assessment of Mobile Krushak Sandesh															
Deogarh	Assessment of SHG for income generation activities through mushroom cultivation around the year	Yield - ( kg)/bed		Yield-1.8 kg/bed		50/bed			180/bed			130/bed			3.6	
Deogarh	Assessment of drudgery reduction using rotary peg weeder in groundnut	WHR ( beat/min)	WHR beat/min -89-107	WHR beat/min-102-87												
		Drudgery reduction-(%)	Drudgery reduction - 0	Drudgery reduction -36%												

Deogarh	Assessment of SHG for income generation activities through mushroom cultivation around the year	Yield-1.8 kg/bed		Yield- 2.0 kg/bed		25/bed			120 /bed			95/bed			4.8	
Deogarh	Assessment of groundnut seed drill	Yield, q/ha	14.1	13.8	20480	18990		34500	35250		14020	16260		1.68	1.85	
Deogarh	Assessment of pre germinated paddy seeder	Yield, q/ha	33.2	34.4	18400	14550		35363	34130		16963	19580		1.92	2.34	
Deogarh	Assessment of drip irrigation in litchi	Labour requirement, man-days/ha	1	5												
		Time required for irrigation, hr/ha	2	8												
Deogarh	Assessment of sunflower thresher	Labour requirement, man-days/q	1.2	5.5												

## 2.3 Feedback from KVK to Research System

Name of KVK	Feedback
Deogarh	<ul style="list-style-type: none"> <li>The metering mechanism of groundnut seed drill should be modified to reduce the missing hill and uniform dropping of seed.</li> <li>The drum of the pre-germinated paddy seeder should be modified for more uniform dropping.</li> <li>Leaf curl resistant variety of chillies should be developed.</li> <li>Time of application of boron should be standardized for producing better quality tomatoes.</li> <li>The fabrication of rotary peg weeder should be modified reducing the width of the machine so that it will be help full for the farmers who are sowing groundnut behind the plough.</li> <li>SMS facilities in regional languages should be developed for the benefit of common famers</li> </ul>

## 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	Paddy	Integrated crop management	Introduction of variety Pratikshya to replace Swarna	Group discussions, Farmers meetings, Group visits of the Farmers of nearby villages	10	87	35
Deogarh	Paddy	Integrated crop management	INM in paddy with importance to biofertilizers and N-economy	Group meetings, Night meetings, FLD, Training	8	70	30
Deogarh	Paddy`	IPM and IDM	Management of stem borer in paddy	Field visits of farmers, group discussion, Farmer's meeting and training	12	90	45
Deogarh	Paddy	Integrated crop management	Performance of hybrid rice in medium land	On farm demonstration in front of farmers, Group discussions, Night meetings, farmers club, Video shows	10	40	12
Deogarh	Arhar	Integrated crop management	Seed replacement & IPM practices against pod borer	Group discussions, Farmers meetings, Group visits of the farmers of nearby villages	2	15	5

<b>Deogarh</b>	Green gram	Integrated crop management	High yield and profit from improved varieties Low disease pest infestation with proper plant protection measures	Group meetings, Night meetings, FLD, Training	4	20	8
<b>Deogarh</b>	Groundnut	IPDM and INM	Seed treatment, Rhizobium inoculation Spraying of Benofit & Parryfos	Field visits of farmers, group discussion, demonstration, training	10	35	14
<b>Deogarh</b>	Groundnut	IPDM & INM	Seed treatment, Rhizobium inoculation Proper INM & IPM practices	On farm demonstration in front of farmers, Group discussions, Night meetings, farmers club, Video shows	15	40	17
<b>Deogarh</b>	Sesamum	IPDM and INM	Seed treatment Proper INM & practices	Group discussions, Farmers meetings, Group visits of the SHGs of nearby villages	10	30	20
<b>Deogarh</b>	Okra	Export potential vegetables	Use of YMV resistant variety, Seed treatment	Group meetings, Night meetings, training, video show, FLD	20	40	18
<b>Deogarh</b>	Tomato	IPDM in Kharif tomato	Use of wilt tolerant variety BT-10, Seedling treatment with Carbendazim and Streptocycline	Field visits of farmers with district level officers, group discussion, training, FLD	30	60	12
<b>Deogarh</b>	Yam	Tuber crops Production management technology	Use of high yielding variety, Planting material treatment, Stacking of plants	On farm demonstration in front of farmers, Group discussions, Night meetings, farmers club, Video shows	25	40	10
<b>Deogarh</b>	Elephant foot yam	Tuber crops Production management technology	Use of high yielding variety, Planting material treatment	Group discussions, Farmers meetings, Group visits of the SHGs of nearby villages, Demonstration	15	30	8
<b>Deogarh</b>	Turmeric	Spices Production management technology.	Use of high yielding variety Intercropping in mango orchard	On farm demonstration in front of farmers, Group discussions, Night meetings, farmers club, Video shows	10	20	15
<b>Deogarh</b>	Bottle gourd	Export potential vegetables	Use of high yielding variety Seed treatment	Field visits of farmers with district level officers, group discussion, training, FLD	12	40	13
<b>Deogarh</b>	Broccoli	Exotic vegetables like broccoli	Use of high yielding variety, Seed & seedling treatment	On farm demonstration in front of farmers, Group discussions, Night meetings, farmers club, Video shows	3	15	2

<b>Deogarh</b>	Water melon	Export potential vegetables	Use of hybrid variety, Seed treatment INM & IPM practices	Group discussions, Farmers meetings, FLD, , Training	2	20	4
<b>Deogarh</b>	Cono weeder	Farm machinery	Use of cono weeder in SRI	Video shows, FLD, training	32	245	313
<b>Deogarh</b>	Pedal operated K.B. pump	Farm machinery	Use of Pedal operated K.B. pump for irrigating onion field in place of local method by Tenda	FLD, training, farmer's meeting, exhibition	22	78	85
<b>Deogarh</b>	Power operated paddy thresher	Farm machinery	Use of power operated paddy thresher for threshing paddy	Group discussions, Night meetings, Video shows, On farm demonstration in front of farmers	12	85	
<b>Deogarh</b>	Self propelled rice transplanter	Farm machinery	Use of self propelled rice transplanter for transplanting paddy	Vocational training, group meeting, demonstration	2	6	15

### 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/Enterprizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
<b>Deogarh</b>	Varietal Evaluation with Integrated crop management	Rice	Kharif-2010	Timely transplanting 20cm X 15cm (33 hills/m <sup>2</sup> , FYM 2.0 t/ha , recommended balanced fertilizer application (80:40:40:25 N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O:Zn kg/ha) and need based plant protection measures	0.4	Ketak ijoha	42.0	24.0	75.0			1	4	5



<b>Deogarh</b>	Integrated crop management	Sweet corn	Kharif-2010	Timely sowing , recommended fertilizer application (80:60:50 N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O kg/ha) and need based plant protection measures	0.4	Madhuri	128.0	68.0	88.2			5		5
<b>Deogarh</b>	Varietal evaluation	Maize	Kharif-2010	Timely sowing , recommended fertilizer application (100:50:50 N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O kg/ha) and need based plant protection measures	0.4	HQP M-1	146.0	105.0	39.0			3	2	5
<b>Deogarh</b>	Resource conservation technologies	Rice	Kharif-2010	Medium duration of 130-135days, yield 50-55 q/ha, medium long slender grain Timely nursery raising, transplanting, weed incorporation and water management.	0.4	Manaswini	48.2	30	60.0			1	4	5
<b>Deogarh</b>	Integrated nutrient management	Spine gourd	Kharif-2010	Soil application of chemical fertilizers as per soil test report	0.4	Local (Desi Kankad)	142	107	32.71			10		10

Deogarh	Integrated farming system	Horticultural crops	Kharif-2010 Rabi-2010-11	Mango plantation and round the year intercropping with vegetables, Pisciculture, Khaki campbell ducklings, Banaraja Chicks, mushroom and vermicomposting	1.0	Mango (Amrapalli), HYV vegetables, Silver carp, Grass carp, common carp, Khaki campbell ducklings, Banaraja Chicks, Paddy straw & Oyster Mushroom, Eudrilus euginae	Paddy – 1.5 ha – 40 q - Rs 40,000.00 Cauliflower- 0.05ha - Rs. 1500.00 Cowpea – 0.05ha – Rs. 4000.00 Potato – 0.01ha – Rs. 1000.00 Pisciculture- 0.4ha – 12q – Rs. 12,000.00					1		1
Deogarh	Varietal evaluation	Tomato	Rabi-2010-11	Wilt tolerant tomato variety Utkal Raja	0.4	Utkal Raja	360	290	24.13		3	7		10

Deogarh	Integrated nutrient management	Sweet orange	Rabi-2010-11	Soil application of zinc sulphate @ 50g/plant and foliar spraying of zinc sulphate @ 2ml/lt during fruit marble stage	0.4	Nagpur Santra						10		10
Deogarh	Integrated disease management	Tomato	Kharif-2010	Seed and seedling treatment with Carbendazim and Streptocyclin followed by soil treatment and foliar application with bio-agents Trichoderma viridae and Pseudomonas fluorescens.	0.4	Utkal Kumari	288.0	190.0	51.5				5	5
Deogarh	Integrated Pest management	Brinjal	Kharif-2010	Foliar spraying of BT at flowering along with alternative application of neem oil (5ml/lt of water) and demilin (1g/lt)	0.4	Tarini	296.0	180.0	64.4			5	3	8

Deogarh	Integrated Pest management	Chilli	Rabi-2010-11	Profenophos application 0.05kg ai/ha after 45 DAT and second spraying at 10 DI	0.4	Kuchinda local	118.50	65.0	82.3			3	2	5
Deogarh	Integrated disease management of blight in onion.	Onion	Rabi-2010-11	Foliar application of Metalyxil + Mancozeb @ 2gm/ltr of water + Streptocycline @ 1 gm/10 ltr of water in 7 days interval after emergence of the disease.	0.4	N-53								
Deogarh	Integrated pest management against fruit fly in watermelon	Watermelon	Rabi-2010-11	Foliar application of Deltamethrin (1ml/ltr) + food bait (40ml @ 200 spots / ha)	0.4	Black magic	310.0	218.0	42.20			5		5
Deogarh	Control of die back in sweet orange.	Orange	Rabi-2010-11	Application of Streptocyclin (0.1 g/10 lt ) + Redomil (2g/ltr ) at 15 DI from marble size.	1.0	Nagpur santra								
Deogarh	Integrated pest management against fruit fly in mango.	Mango	Rabi-2010-11	Deltamethrin (1ml/ltr) + food bait (40ml @ 200 spots / ha)	1.0	Amrapalli								

<b>Deogarh</b>	House hold food security by kitchen and nutritional garden	Vegetables	Kharif-2010	Cultivation of high yielding vegetables	0.25	High yieldi ng	80.0	60.0	36,6			5		5
<b>Deogarh</b>	Small scale income generation	Coriander	Kharif-2010	Cultivation of coriander of multicut variety	0.05	Ruchi	26.0	17.0	52.94			3		3
<b>Deogarh</b>	House hold food security by kitchen and nutritional garden	Vegetables	Rabi-2010	Cultivation of high yielding vegetables	0.25	High yieldi ng	115.0	85.0	35.2			5		5
<b>Deogarh</b>	Small scale income generation	Coriander	Rabi-2010	Cultivation of coriander of multicut variety	0.05	Mala v	32.0	24.0	33.3			5		5
<b>Deogarh</b>	Small scale income generation	Vermicompo st	Rabi-2010	Preparation of vermicompost, vermiwash and uses of vermicompost	5 pit	Popul arizati on of low cot vermi comp ost	137.0	-	100			5		5
<b>Deogarh</b>	Diseases management	Goat kids	Rabi-2010	Uses of albendazole along with vitamin and mineral supplementation to prevent kids mortality	16 nos.	Local and black Beng al					15			15
KVK, Deogarh	Farm machinery	Paddy / Cono weeder	Kharif-2010	Use of cono weeder in SRI method	0.4	Cono weeder	50.07	43.8	14.3	0	0	10	0	10

KVK, Deogarh	Farm machinery	Groundnut / Rotary peg weeder	Kharif-2010	Use of rotary peg weeder for intercultural operation in groundnut	0.4	Rotary peg weeder	16.2	14.6	10.9	0	0	3	2	5
KVK, Deogarh	Farm machinery	Paddy / Fertilizer Broadcaster	Kharif-2010	Use of fertilizer broadcaster	0.4	Fertilizer Broadcst er	34.2	37.4	9.35	0	1	5	0	6
KVK, Deogarh	Farm machinery	Paddy / Self propelled rice transplanter	Kharif-2010	Use of self propelled rice transplanter	0.8	Self propelle d rice transplan ter	46.8	43.2	8.34	0	1	0	1	2
KVK, Deogarh	Farm machinery	Ground nut / Power operated groundnut thresher	Rabi- 2010- 11	Use of power operated groundnut thresher for threshing groundnut	0.4	Power operated groundn ut thresher				0	0	3	2	5
KVK, Deogarh	Farm machinery	Paddy / Pre- germinated paddy seeder	Rabi- 2010- 11	Use of pre- germinated paddy seeder for line sowing	0.4	Pre- germinat ed paddy seeder	Crop in the field			1	3	1	0	5
KVK, Deogarh	Farm machinery	Paddy / Self propelled rice transplanter	Rabi- 2010- 11	Use of self propelled rice transplanter	0.4	Self propelle d rice transplan ter	Crop in the field			0	1	1	0	2
KVK, Deogarh	RCT	Tomato / Plastic mulch	Rabi- 2010- 11	Use of plastic mulch in tomato	0.8	Plastic mulch, variety- Kaphila	322	224	43.7	0	0	5	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	Rice	Timely transplanting 20cm X 15cm (33 hills/m <sup>2</sup> , FYM 2.0 t/ha , recommended balanced fertilizer application (80:40:40:25 N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O:Zn kg/ha) and need based plant protection measures	Yield (q/ha)	42.0	24.0	28000	18000	50400	28800	22400	10800	1.8	1.6
Deogarh	Sweet corn	Timely sowing , recommended fertilizer application (80:60:50 N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O kg/ha) and need based plant protection measures	Yield (q/ha)	128.0	68.0	25050	19000	64000	34000	38950	15000	2.55	1.78

Deogarh	Maize	Timely sowing , recommended fertilizer application (100:50:50 N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O kg/ha) and need based plant protection measures	Yield (q/ha)	146.0	105.0	25000	21500	74000	52500	49000	31000	2.96	2.44
Deogarh	Rice	Medium duration of 130-135days, yield 50-55 q/ha, medium long slender grain Timely nursery raising, transplanting, weed incorporation and water management.	Yield (q/ha)	48.2	30.0	28000	20000	45200	28100	17200	8100	1.61	1.40
Deogarh	Spine gourd	Soil application of chemical fertilizers as per soil test report	Yield (q/ha)	142	107	62740	56370	142000	107000	79260	50630	2.26	1.89
Deogarh	IFS	Mango plantation and round the year intercropping with vegetables, Pisciculture, Khaki campbell ducklings, Banaraja Chicks, mushroom and vermicomposting	Yield (q/ha)										



Deogarh	Tomato	Wilt tolerant tomato variety Utkal Raja	Yield (q/ha)	360	290	80300	77500	180000	145000	99700	67500	2.24	1.87
Deogarh	Sweet orange	Soil application of zinc sulphate @ 50g/plant and foliar spraying of zinc sulphate @ 2ml/lit during fruit marble stage	Yield (q/ha)										
Deogarh	Tomato	Seed and seedling treatment with Carbendazim and Streptocyclin followed by soil treatment and foliar application with bio-agents Trichoderma viridae and Pseudomonas fluroscens.	Yield (q/ha)	288.0	190.0	45000	32000	115200	76000	70200	44000	2.56	2.37
Deogarh	Brinjal	Foliar spraying of BT at flowering along with alternative application of neem oil (5ml/lit of water) and demilin (1g/lit)	Yield - (q/ha)	296.0	180.0	50000	35000	148000	90000	98000	55000	2.96	2.57
Deogarh	Chilli	Profenophos application 0.05kg ai/ha after 45 DAT and second spraying at 10 DI	Yield- (q/ha)	118.5	65.0	35000	22000	59250	32500	24500	10500	1.69	1.47

Deogarh	Onion	Foliar application of Metalyxil + Mancozeb @ 2gm/lt of water + Streptocycline @ 1 gm/10 ltr of water in 7 days interval after emergence of the disease.	Yield-(q/ha)										
Deogarh	Watermelon	Deltamethrin (1ml/lt) + food bait (40ml @ 200 spots / ha)	Yield-(q/ha)	310	218	45000	35000	124000	87200	79000	52200	2.75	2.49
Deogarh	Sweet Orange	Application of Streptocyclin (0.1 g/10 lt ) + Redomil (2 g/lt ) at 15 DI from marble size.	Yield-(q/ha)										
Deogarh	Mango	Deltamethrin (1ml/lt) + food bait (40ml @ 200 spots / ha)	Yield-(q/ha)										
Deogarh	vegetables	Cultivation of high yielding vegetables	Yield-(kg/day) Yield-(q/ha)	3.50 80.0	2.50 60.0	32450	27300	80000	60000	47550	32700	2.46	2.19
Deogarh	Coriander	Cultivation of coriander of multicut variety	Yield-(q/ha)	26.0	17.0	10200	9000	19000	14000	8800	5000	1.86	1.50
Deogarh	vegetables	Cultivation of high yielding vegetables	Yield-(kg/day) Yield-(q/ha)	4.80 115.0	3.70 85.0	43800	37200	115000	85000	71200	46800	2.62	2.22
Deogarh	Coriander	Cultivation of coriander of multicut variety	Yield-(q/ha)	32.0	24.0	10450	7250	22600	12000	12150	4750	2.16	1.65

Deogarh	vermicompost	Preparation of vermicompost, vermiwash and uses of vermicompost	Yield - (kg/pit)	132.0		470		892		422		2.14	
Deogarh	Goat kids	Uses of albendazole along with vitamin and mineral supplementation to prevent kids mortality	Body weight of kids-(kg)										
Deogarh	Farm machinery	Paddy / Cono weeder	Labour requirement, man-days/ha	9	25	15550	18400	50540	45030	34990	26630	3.25	2.44
			Cost of operation. Rs/ha	1174	1775								
Deogarh	Farm machinery	Groundnut / Rotary peg weeder	Labour requirement, man-days/ha	10	36	19800	21480	40500	36500	20700	15020	2.04	1.70
			Cost of operation. Rs/ha	1298	1778								

Deogarh	Farm machinery	Paddy / Fertilizer Broadcaster	Labour requirement, man-days/ha	0.1	0.4	16480	17270	39133	35813	22653	18543	2.37	2.07
Deogarh	Farm machinery	Paddy / Self propelled rice transplanter	Labour requirement, man-days/ha	1.2	39	14200	17750	46460	42540	32260	24790	3.27	2.39
			Cost of operation. Rs/ha	1176	2825								
Deogarh	Farm machinery	Ground nut / Power operated groundnut thresher	Labour requirement, man-days/q	0.25	2	19215	20500	40250	40250	21035	19750	2.09	1.96
			Cost of operation. Rs/q	88	148								
Deogarh	Farm machinery	Paddy / Pre-germinated paddy seeder	Labour requirement, man-days/ha										
Deogarh	Farm machinery	Paddy / Self propelled rice transplanter	Labour requirement, man-days/ha	1.3	39								
			Cost of operation. Rs/ha	1275	2825								
Deogarh	RCT	Tomato / Plastic mulch	Yield (q/ha)	322	224	42500	32800	128800	89600	86300	56800	3.03	2.73

### 3.4 Feedback of the Farmers

Name of KVK	Feedback
Deogarh	<ul style="list-style-type: none"> <li>➤ Farmers are convinced about the higher productivity through SRI method.</li> <li>➤ Scented varieties of rice require special machines for processing.</li> <li>➤ Sweet corn has no special market in Deogarh district neither it fetches extra money to the farmers.</li> <li>➤ IFS give maximum return and utilization of all the spaces scientifically and systematically.</li> <li>➤ INM in spine gourd increases the quantity and quality of the produce.</li> <li>➤ SPRT is not suitable for the fragmented slopy uplands of the resource poor farmers of Deogarh district.</li> <li>➤ Application of biological methods to check fruit and shoot borer in brinjal is economical but the inputs are not readily available in the local market.</li> <li>➤ Farmers are satisfied with the performance of demonstration. They also agree to adopt different technologies like seed treatments, INM, weed control management, pest management in nutritional garden. They also appreciated the performance of variety for better yield, vegetable size and quality, etc.</li> <li>➤ Farmers are appreciated the variety for its flavor and yield. They also convinced to use the fertilizers on soil test basis for better production.</li> <li>➤ Farmers are appreciated the performance of demonstration. They also agree to adopt this technology because of the high organic efficiency of manure and short duration of compost making. They appreciated this technology for its low cost.</li> </ul>

### 3.5 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Deogarh	Rice	Field days			
		Farmers Training	1	25	
		Media coverage	1	45	
		Training for extension functionaries			
Deogarh	Sweet Corn	Field days			
		Farmers Training	1	25	
		Media coverage	1	100	
		Training for extension functionaries			
Deogarh	Maize	Field days			
		Farmers Training	1	25	
		Media coverage	1	40	
		Training for extension functionaries			

<b>Deogarh</b>	Rice	Field days			
		Farmers Training	1	25	
		Media coverage	1	50	
		Training for extension functionaries	1	10	
<b>Deogarh</b>	Spine gourd	Field days	1	30	
		Farmers Training	1	25	
		Media coverage	1	50	
		Training for extension functionaries			
<b>Deogarh</b>	IFS	Field days			
		Farmers Training	1	25	
		Media coverage	1	100	
		Training for extension functionaries			
<b>Deogarh</b>	Tomato	Field days			
		Farmers Training	2	50	
		Media coverage	1		
		Training for extension functionaries			
<b>Deogarh</b>	Sweet Orange	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
<b>Deogarh</b>	Tomato	Field days			
		Farmers Training	1	25	
		Media coverage	1	100	
		Training for extension functionaries			
<b>Deogarh</b>	Brinjal	Field days	1	30	
		Farmers Training	1	25	
		Media coverage	1	100	
		Training for extension functionaries			

Deogarh	Chilli	Field days			
		Farmers Training	1	25	
		Media coverage	1	100	
		Training for extension functionaries			
Deogarh	Onion	Field days			
		Farmers Training	1	25	
		Media coverage	1	40	
		Training for extension functionaries			
Deogarh	Watermelon	Field days			
		Farmers Training	1	25	
		Media coverage	1	100	
		Training for extension functionaries			
Deogarh	Sweet Orange	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Paddy / Cono weeder	Field days			
		Farmers Training	2	50	
		Media coverage			
		Training for extension functionaries			
Deogarh	Groundnut / Rotary peg weeder	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Paddy / Fertilizer Broadcaster	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Paddy / Self propelled rice transplanter	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries	1	10	
Deogarh	Ground nut / Power operated groundnut thresher	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			

<b>Deogarh</b>	Paddy / Pre-germinated paddy seeder	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
<b>Deogarh</b>	Tomato / Plastic mulch	Field days	1	50	
		Farmers Training	2	50	
		Media coverage			
		Training for extension functionaries	1	10	
		Training for extension functionaries	1	10	
<b>Deogarh</b>	Mango	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
<b>Deogarh</b>	Vegetable	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
<b>Deogarh</b>	Coriander	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
<b>Deogarh</b>	Vermicompost	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
<b>Deogarh</b>	Goat kids	Field days	1	30	
		Farmers Training	1	25	
		Media coverage			
		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
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women, PRA	4.06.10, Gundiapali, Paikanagar	15
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion	9.07.10, Akharasila	17
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion	9.08.10, Kalamati	13
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion, need assessment	14.09.10, Bangalimunda	11
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion	4.09.10, 7.09.10, Rebgalbahal	19 and 21 respectively
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion, need assessment	16.09.10, Bindipur	20
<b>Deogarh</b>	Rural youth	Field visit, group discussion- Need assessment of farmers and farmer women, PRA	19.08.10, 28.08.10, Niktimal	24 and 35 respectively
<b>Deogarh</b>	Vocational training	Field visit, group discussion- Need assessment of farmers and farmer women, PRA	28.08.10, Niktimal	35
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion with FC members, PRA	02 .06.10, Niktimal	40
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion, PRA	05 .06.10, Niktimal	40
<b>Deogarh</b>	Rural youth	Field visit, discussion with youth club members, PRA	09.07.2010	21
<b>Deogarh</b>	Rural youth	Field visit, discussion with local NGO, secondary data	19.08.2010	27
<b>Deogarh</b>	Extension personnel	Personal contact, attending govt programme as resource persons	02.05.2010	16
<b>Deogarh</b>	Extension personnel	Personal contact, attending govt programme as resource persons	16.08.2010	14
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	19.04.2010, Niktimal	32

<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	20.05.2010, Niktimal	29
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	16.07.2010, Kureibahal	26
<b>Deogarh</b>	Vocational Training	Field visit, group discussion- Need assessment of farmer women	17.07.2010, Purunagarh	13
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	27.07.2010, Akhshyarasila	37
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	24.08.2010 and 30.08.2010, Gundiapalli	29
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	02.09.2010, Kanteikoli	27
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	30.08.2010, Gundiapalli colony	29
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	03.09.2010, Akhsyapat	26
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	04.09.2010, Ambulapani	31
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	10.09.2010, Durgapur	25
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	16.09.2010, Niktimal	28
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	12.10.2010, Kharumunda	29
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	18.11.2010, Niktimal	35
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	15.12.2010, Purunagarh Basti	30

<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	21.01.2011, Kailash	32
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	14.02.2011, Purunagarh Basti	29
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmer women	11.03.2011, Kalamati	37
<b>Deogarh</b>	Extension Personnel	Personal contact, attending govt programme as resource persons	14.03.2011, ICDS office, Tileibani	14
<b>Deogarh</b>	Rural Youth	Field visit, group discussion- Need assessment of farmers and farmer women	16.03.11, Balam	19
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	22.04.2010, Tusula	31
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	08.05.2010, Khajurikhamana	26
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	13.06.2010, Subarnapalli	29
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	19.07.2010, Deojharana	33
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	26.08.2010, Paikanagar	31
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	02.09.2010, Niktimal	35
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	08.09.2010, Bindipur	27
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	20.09.2010, Rengalbahal	31
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	21.10.2010, Malehipada	29

<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	27.11.2010, Kalamati	33
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	23.12.2010, Chheplipalli,	27
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	27.01.2011, Suguda	30
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	21.02.2011, Kalamati	32
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	23.03.2011, Khilabereni	28
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	24.03.2011, Kailash	34
<b>Deogarh</b>	Vocational Training	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	11.09.2010, Bangalimunda	18
<b>Deogarh</b>	Extension Personnel	Personal contact, attending govt programme as resource persons	18.03.2011, Tileibani	11
<b>Deogarh</b>	Farmer and Farm woman	Diagnostic field visit, group discussion- Need assessment of farmers and farmer women	20.09.2010, Rengalbahal	27
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	19.04.2010, Akhsyarasila	33
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	28.06.2010, Khajurikhamana	26
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	20.07.2010, Kharamunda	29
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	18.08.2010, Niktimal	36
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	25.08.2010, Akhsyarasila	32

<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	26.08.2010, Rengalbahal	29
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	30.08.2010, Bindipur	34
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	31.08.2010, Rengalbahal	27
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	23.10.2010, Khaeumunda	28
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	18.11.2010, Kailash	31
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	24.12.2010, Bangalimunda	26
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	14.03.2011, Kailash	35
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	18.03.2011, Thakurpalli	29
<b>Deogarh</b>	Extension Personnel	Personal contact, attending govt programme as resource persons	08.03.2011, Tileibani	12
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	07.04.2010, Dasagharia	31
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	14.05.2010, Akhsyarasilla	32
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	23.06.2010, Subarnapalli	29
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	14.07.2010, Deojharana	27
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	20.08.2010, Kalamati	30

<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	31.08.2010, Gundiapalli	28
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	13.09.2010, Bindipur	31
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	18.10.2010, Malehipada	27
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	16.11.2010, Kalamati	29
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	28.12.2010, Chepllipalli	30
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	25.01.2011, Niktimal	33
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	21.02.2011, Kailash	35
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	23.03.2011, Khilabereni	28
<b>Deogarh</b>	Farmer and Farm woman	Field visit, group discussion- Need assessment of farmers and farmer women	26.03.2011, Kailash	32
<b>Deogarh</b>	Rural Youth	Field visit, group discussion- Need assessment of farmers and farmer women	30.08.2010, Niktimal	19
<b>Deogarh</b>	Extension Personnel	Personal contact, attending govt programme as resource persons	18.03.2011, Deogarh	13
<b>Deogarh</b>	Vocational Training	Field visit, group discussion- Need assessment of farmers and farmer women	02,09.2010, Niktimal	16

### Abbreviation Used

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

## 5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only,

2. For category, training type and thematic area, mention code/abbreviations only

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

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
Deogarh	FW	OFC	SFM	INM in kharif rice	1	1					5		20	
Deogarh	FW	OFC	CRP	SRI method	1	1	7		11	1		1	5	
Deogarh	FW	OFC	CRP	Improved package of practices of sweet corn cultivation	1	1							13	12
Deogarh	FW	OFC	CRP	Cultivation practices of ketakijoha variety of rice	1	1	25							
Deogarh	FW	OFC	CRP	Improved of practices for kharif oil seed cultivation	1	1	24		1					
Deogarh	FW	OFC	CRP	Improved package of practices for kharif pulse cultivation	1	1	25							
Deogarh	FW	OFC	CRP	SRI method	1	1	19		6					
Deogarh	FW	OFC	CRP	Advance crop production technique for rabi pulse	1	1	25							
Deogarh	FW	OFC	SFM	INM in oil seed and pulse crop	1	1	19				6			
Deogarh	FW	OFC	CRP	Improved package of practices for rabi pulse cultivation	1	1	10				15			
Deogarh	FW	OFC	CRP	Integrated farming system	1	1	1				18	6		
Deogarh	FW	OFC	CRP	Improved package of practices for Hybrid maize	1	1		9				7		9
Deogarh	FW	OFC	CRP	Improved of practices for rabi oil seed cultivation	1	1	6						19	
Deogarh	EXP	ONC	CRP	Production Technology for field crops	1	2							10	
Deogarh	FW	OFC	PLP	IPM against fruit fly in mango	1	1	18		4		2		1	



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	PLP	IPM against yellow stem borer in rice	1	1	18		3		2		2	
Deogarh	FW	OFC	PLP	IPM against thrips in chilli	1	1	25							
Deogarh	FW	OFC	PLP	IDM against blast disease in rice	1	1	23		1				1	
Deogarh	FW	OFC	PLP	Biological control of fruit and shoot borer infesting brinjal	1	1	12				1		12	
Deogarh	FW	OFC	PLP	Pest and disease management in kharif vegetables like cucurbits, brinjal, okra and beans	1	1	25							
Deogarh	FW	OFC	PLP	Wilt disease control in solanaceous vegetables	1	1	22		3					
Deogarh	FW	OFC	PLP	IPM in pulse like Arhar, green gram and black gram	1	1	25							
Deogarh	FW	OFC	PLP	IDM against leaf blight in onion	1	1	23		2					
Deogarh	FW	OFC	PLP	IPM in oil seed crop like ground nut, sesamum and mustard	1	1	20						5	
Deogarh	FW	OFC	PLP	Non conventional methods of pest control	1	1	23		2					
Deogarh	FW	OFC	PLP	Control of wilt disease in water melon	1	1	13		1		1		10	
Deogarh	FW	OFC	PLP	Pest and disease management in cucurbits	1	1	25							
Deogarh	FW	OFC	PLP	Pest management in citrus	1	1	23		2					
Deogarh	FW	OFC	PLP	Wilt disease control in solanaceous vegetables	1	1	14				11			
Deogarh	EXP	ONC	PLP	Training on Apiculture	1	2							10	

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	WOE	Value addition of mango	1	1						1		24
Deogarh	FW	OFC	WOE	Planning and layout of kitchen garden	1	1						1		24
Deogarh	FW	OFC	WOE	Preparation of supplementary food for children	1	1						20		5
Deogarh	FW	OFC	WOE	Paddy straw mushroom cultivation	1	1								25
Deogarh	FW	OFC	WOE	Storage of cereal and pulses by use of ITK	1	1		3				5		17
Deogarh	FW	OFC	WOE	Gender mainstreaming through SHG	1	1				2		6		17
Deogarh	FW	OFC	WOE	Preparation of vermicompost	1	1				3		1		21
Deogarh	FW	OFC	WOE	Vegetable nursery raising	1	1						14		11
Deogarh	FW	OFC	WOE	Paddy straw mushroom cultivation	1	1						17		8
Deogarh	FW	OFC	WOE	Scientific method of raising tomato nursery	1	1				1				24
Deogarh	FW	OFC	WOE	Uses of vermicompost	1	1								25
Deogarh	FW	OFC	WOE	Raising of vegetable seedlings	1	1						7		18
Deogarh	FW	OFC	WOE	Cultivation of oyster mushroom	1	1								25
Deogarh	FW	OFC	WOE	Cultivation of oyster mushroom	1	1		7		3				15
Deogarh	FW	OFC	WOE	Cultivation of oyster mushroom	1	1				5		3		12
Deogarh	FW	OFC	WOE	Value addition of tomato	1	1				3		8		14
Deogarh	EXP	OFC	WOE	Supplementary diet	1	2				2		6		2

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		
				preparation from locally available food materials										
Deogarh	RYH	OFC	WOE	Value addition of tomato	1	2								15
Deogarh	FW	OFC	LPM	Goatery management	1	1		3			1	4	4	13
Deogarh	FW	OFC	AEG	Use and operation of fruit plucker for harvesting mango	1	1	2	0	3	0	2	0	18	0
Deogarh	FW	OFC	AEG	Use of rotavator for primary and secondary tillage	1	1	1	0	1	0	1	0	22	0
Deogarh	FW	OFC	AEG	Use and operation of self propelled rice transplanter	1	1	0	0	4	0	5	0	16	0
Deogarh	FW	OFC	AEG	Use and operation of seed drills and planters	1	1	4	0	0	0	0	0	21	0
Deogarh	FW	OFC	AEG	Use, operation and care during operation of plant protection equipment	1	1	8	0	0	0	3	0	14	0
Deogarh	FW	OFC	AEG	Use and operation of rotary peg weeder	1	1	0	0	0	0	18	6	1	0
Deogarh	FW	OFC	AEG	Use, operation and maintenance of drip irrigation system	1	1	2	0	0	0	0	0	23	0
Deogarh	FW	OFC	AEG	Use and operation of cono weeder in SRI	1	1	6	0	0	0	0	0	19	0
Deogarh	FW	OFC	AEG	Use and operation of fertilizer broadcaster	1	1	0	0	0	0	5	0	20	0
Deogarh	FW	OFC	AEG	Use and operation of power operated groundnut thresher	1	1	0	0	0	0	6	0	19	0
Deogarh	FW	OFC	AEG	Use and operation of K.B. pump	1	1	0	0	0	0	18	6	1	0
Deogarh	FW	OFC	AEG	Use of plastic mulch in vegetable	1	1	4	0	0	0	0	0	21	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
1	2	3	4	5	7	8	9	10	11	12	13	14		
Deogarh	FW	OFC	AEG	Construction and operation sunflower threshing bench	1	1	0	0	3	0	8	0	14	0
Deogarh	FW	OFC	AEG	Construction and operation of low cost groundnut stripper	1	1	0	0	5	0	5	0	20	0
Deogarh	RY	OFC	AEG	Use of modern agricultural implements for increasing production and income generation	1	2	1	0	0	0	0	0	14	0
Deogarh	RY	ONC	AEG	Construction of small hand tools for self employment	1	2	14	0	1	0	0	0	0	0
Deogarh	EXP	ONC	AEG	Use, operation and maintenance of drip irrigation system	1	2	1	0	0	0	1	0	8	0
Deogarh	FW	OFC	HOT	Planting technique of colocasia	1	1	4		2				19	
Deogarh	FW	OFC	HOV	Nursery raising of off season vegetables	1	1	6		5				14	
Deogarh	FW	OFC	HOV	Fertiliser management of papaya	1	1	2						23	
Deogarh	FW	OFC	HOV	Fertiliser management in tomato	1	1	12		3				10	
Deogarh	FW	OFC	HOV	Nursery raising of solanaceous vegetables	1	1	20				5			
Deogarh	FW	OFC	HOV	Nursery raising of cole crop	1	1	6		1		2		16	
Deogarh	FW	OFC	HOV	Planting technique of solanaceous vegetables	1	1	24		1					
Deogarh	FW	OFC	HOS	Fertilizer management of onion	1	1	24		1					
Deogarh	FW	OFC	HOV	Fertilizer management of cauliflower	1	1	13				2		10	

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	HOF	Nutrient management of watermelon	1	1					1		24	
Deogarh	FW	OFC	HOF	Cultural practices of litchi orchard	1	1	25							
Deogarh	FW	OFC	HOV	Planting technique and management of tomato	1	1					11		14	
Deogarh	FW	OFC	HOF	Nutrient management of sweet orange orchard	1	1	24		1					
Deogarh	FW	OFC	HOV	Fertilizer management in cucurbit crops	1	1					20		5	
Deogarh	RYH	OFC	HOF	Commercial mango production technology	1	2	15							
Deogarh	EXP	ONC	HOF	Methodology for rejuvenation of old sweet orange orchard	1	2	2		2		1		5	
Deogarh	IS	OFC	EXP	PRA for action plan development	8	2	4	1	0	0	1	1	3	0
Deogarh	RY	OFC	RYH	Entrepreneurship development among rural youths	6	2	6	7	0	0	2	0	0	0
Deogarh	IS	ONC	EXP	Farm business management	6	2	3		1	2	1	0	3	0
Deogarh	IS	OFC	EXP	PRA for action plan development	8	2	3		1	2	1	0	3	0
Deogarh	IS	ONC	EXP	Maintenance of SHG registers	6	2	6		1				3	
Deogarh	RY	OFC	RYH	Organisation of farmers club	4	2	2	2	1	2			4	4
Deogarh	FW	OFC	FIS	Pond management for	2	1	25							

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		
				composite pisciculture										
Deogarh	FW	OFC	FIS	Feed management for composite pisciculture	2	1	25							
Deogarh	FW	OFC	FIS	Preventive and curative measures against fish diseases	2	1	4	0	0	0	13	3	4	1
Deogarh	RY	OFC	FIS	Cultivation of exotic fishes	4	2	2	0	3	0	5	0	5	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 pest and disease management in Kharif rice	Paddy	Yield enhancement of cereals, pulses, oilseeds, fruit and vegetables through implementation of proper IPM strategy	7	0	0	10	0	0	0
Deogarh	Nursery management of horticulture fruit crop	Fruit crop	Production of quality seed and planting materials in different major crops of the district	7	0	0	0	0	10	0
Deogarh	Repair and maintenance of sprayer and pumps	Sprayer and pump	Farm mechanization	7	0	0	0	0	10	0
Deogarh	Paddy straw mushroom cultivation	Mushroom	Agro based income generation activities to rural youth and farm women	7	0	0	0	0	0	10

**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	

**Table 5.4. Sponsored Training Programmes**

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Dura- tion (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
	Scaling up of water productivity in agriculture for livelihood	CRP	Water management	FW	7	28	28	10	3	1	5	3	Water management project, RRTTS, Chipilima	66000

**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		

**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	Training on use and operation of fruit plucker for harvesting mango	25	12.3	19.3					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 08 3. % change in knowledge: 56.9 4. % change in production 5. % change in Income
Deogarh	Training on use of rotavator for primary and secondary tillage	25	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

<b>Deogarh</b>	Training on use of self propelled rice transplanter	25	33.1	65.6					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 02 3. % change in knowledge:98.2 4. % change in production 5 % change in Income
<b>Deogarh</b>	Training on use and operation of seed drill/planters	25	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
<b>Deogarh</b>	Training on Use, operation and care during operation of plant protection equipment	25	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
<b>Deogarh</b>	Training on use and operation of rotary peg weeder	25	31.2	65.5					1. Area expanded (ha):- 2.No. of farmers adopted (no.): 20 3. % change in knowledge:109.9 4. % change in production 5 % change in Income
<b>Deogarh</b>	Training on use, operation and maintenance of drip irrigation system	25	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
<b>Deogarh</b>	Training on use and operation of cono weeder in SRI	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



<b>Deogarh</b>	Training of rural youth on Use of modern agricultural implements for increasing productivity and income generation	15	24.8	45.6					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 01 3. % change in knowledge:83.9 4. % change in production 5 % change in Income
<b>Deogarh</b>	Vocational training on repair of pumps and sprayers	10	12.6	34.4					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 01 3. % change in knowledge:63.4 4. % change in production 5 % change in Income
<b>Deogarh</b>	Pond management for composite pisciculture	25	35.66	62.5	6.5	12.0	2400	4200	1 Area expanded (ha):-5 2 No. of farmers adopted (no.): 12 3 % change in knowledge:75.2 4 % change in production:80% 5 % change in Income:75%
<b>Deogarh</b>	Feed management for composite pisciculture	25	22	33.3	8.3	13.5	2400	3600	1 Area expanded (ha):-4.2 2 No. of farmers adopted (no.): 8 3 % change in knowledge:51.3 4 % change in production:55% 5 % change in Income:50%
<b>Deogarh</b>	Cultivation of exotic fishes	15	33.3	43				1000	1 Area expanded (ha):-2.5 2 No. of farmers adopted (no.): 7 3 % change in knowledge:29.1 4 % change in production 5 % change in Income
<b>Deogarh</b>	PRA for action plan development	10	20	67					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 3 % change in knowledge:235 4 % change in production 5 % change in Income

<b>Deogarh</b>	Entrepreneurship development among rural youth	15	40.3	52			500	1550	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 04 3 % change in knowledge:29 4 % change in production 5 % change in Income
<b>Deogarh</b>	Farm business management	10	35.7	54.5					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 0 3 % change in knowledge:52.6 4 % change in production 5 % change in Income
<b>Deogarh</b>	IPM against fruit fly in mango	25	20.5	46.7	78	90	70000	88000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 11 3 % change in knowledge:127.8 4 % change in production-15.3 5 % change in Income-25.7
<b>Deogarh</b>	IPM against yellow stem borer in rice	25	38.6	56.2	20	35	18000	30000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 9 3 % change in knowledge:45.5 4 % change in production-75 5 % change in Income-66.6
<b>Deogarh</b>	IPM against thrips in chilli	25	38.9	62.3	40	75	20000	30000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 6 3 % change in knowledge:60.1 4 % change in production-35.7 5 % change in Income-61.7
<b>Deogarh</b>	IDM against blast disease in rice	25	33.3	48.8	16	30	15000	25000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 7 3 % change in knowledge:46.5 4 % change in production-87.5 5 % change in Income-66.6

<b>Deogarh</b>	Biological control of fruit and shoot borer infesting brinjal	25	18.8	42.7	120	150	60000	72000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 5 3 % change in knowledge:127.1 4 % change in production-25 5 % change in Income-20
<b>Deogarh</b>	Pest and disease management in kharif vegetables like cucurbits, brinjal, okra, and beans	25	35.4	54.8	30	42	14000	18000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 10 3 % change in knowledge:53.9 4 % change in production-40 5 % change in Income-28.5
<b>Deogarh</b>	Wilt disease control in solanaceous vegetables	25	28.5	47.6	40	60	23000	38000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 9 3 % change in knowledge:67.0 4 % change in production-25.0 5 % change in Income-26.3
<b>Deogarh</b>	IPM in pulse like arhar, green gram and black gram	25	23.4	49.8	5	6	24000	30000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 11 3 % change in knowledge:112.8 4 % change in production-20.0 5 % change in Income-25.0
<b>Deogarh</b>	IDM against leaf blight in onion	25	39	68					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 17 3 % change in knowledge: 74.3 4 % change in production- 5 % change in Income-
<b>Deogarh</b>	IPM in oil seed crop like ground nut, sesamum and mustard	25	30	54					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 12 3 % change in knowledge:80.0 4 % change in production- 5 % change in Income-

<b>Deogarh</b>	Non conventional methods of pest control	25	15	42					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 5 3 % change in knowledge:180 4 % change in production- 5 % change in Income-
<b>Deogarh</b>	Control of wilt disease in water melon	25	35	67	250	400	100000	150000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 8 3 % change in knowledge:91.4 4 % change in production-60.0 5 % change in Income-50.0
<b>Deogarh</b>	Pest and disease management in cucurbits	25	37	56	90	160	35000	65000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 10 3 % change in knowledge:51.3 4 % change in production-77.7 5 % change in Income-85.7
<b>Deogarh</b>	Pest management in citrus	25	22	49					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 14 3 % change in knowledge:122.7 4 % change in production- 5 % change in Income-
<b>Deogarh</b>	Wilt disease control in solanaceous vegetables	25	31	59	120	200	55000	90000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 13 3 % change in knowledge:90.3 4 % change in production-66.6 5 % change in Income-63.6
<b>Deogarh</b>	Extension personnel training on Apiculture	10	15	62					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 1 3 % change in knowledge:313.3 4 % change in production- 5 % change in Income-

<b>Deogarh</b>	VT on Integrated pest and disease management in kharif rice	10	32.4	44.7	15	20	12000	15000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 14 3 % change in knowledge:37.9 4 % change in production-33.3 5 % change in Income-25.0
<b>Deogarh</b>	INM in kharif rice	25	22.5	46.8	16	25	15000	20000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 12 3 % change in knowledge:108.0 4 % change in production-56.2 5 % change in Income-33.3
<b>Deogarh</b>	SRI method	25	34.6	64.2	30	48	25000	42000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 14 3 % change in knowledge:85.5 4 % change in production-53.3 5 % change in Income-68.0
<b>Deogarh</b>	Improved package of practices of sweet corn cultivation	25	15.4	48.4	20	25	60000	800000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 8 3 % change in knowledge:176.0 4 % change in production-25.0 5 % change in Income-33.3
<b>Deogarh</b>	Cultivation practices of Ketakijuha variety of rice cultivation	25	18.8	43.2	24	38	20000	35000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 14 3 % change in knowledge:129.7 4 % change in production-58.3 5 % change in Income-75.0
<b>Deogarh</b>	Improved package of practices kharif oil seed cultivation	25	36.4	58.7	9	15	15000	25000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 15 3 % change in knowledge:61.2 4 % change in production-66.6 5 % change in Income-66.6

<b>Deogarh</b>	Improved package of practices for kharif pulse cultivation	25	33.4	62.8	12	18	40000	60000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 15 3 % change in knowledge:88.0 4 % change in production-50.0 5 % change in Income-50.0
<b>Deogarh</b>	SRI method	25	34.6	64.2	30	48	25000	42000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 14 3 % change in knowledge:85.5 4 % change in production-53.3 5 % change in Income-68.0
<b>Deogarh</b>	Advance crop production technique for rabi pulse	25	45.6	64.9					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 9 3 % change in knowledge:38.9 4 % change in production- 5 % change in Income-
<b>Deogarh</b>	INM in oil seed and pulse crop	25	25	46					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 0 3 % change in knowledge:38.9 4 % change in production- 5 % change in Income-
<b>Deogarh</b>	Improved package of practices for rabi pulse cultivation	25	36	57	5	8	17000	30000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 0 3 % change in knowledge:38.9 4 % change in production-60.0 5 % change in Income-76.4
<b>Deogarh</b>	Integrated farming system	25	12	48					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 0 3 % change in knowledge:38.9 4 % change in production- 5 % change in Income-

<b>Deogarh</b>	Improved package of practices for Hybrid maize	25	18	45					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 0 3 % change in knowledge:38.9 4 % change in production- 5 % change in Income-
<b>Deogarh</b>	Improved of practices for rabi oil seed cultivation	25	33	51					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 0 3 % change in knowledge:38.9 4 % change in production- 5 % change in Income-
<b>Deogarh</b>	VT on Production Technology for field crops	10	27	38					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 0 3 % change in knowledge:38.9 4 % change in production- 5 % change in Income-
<b>Deogarh</b>	Value addition of mango	25	43	62			4200	5400	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 17 3 % change in knowledge:44.1 4 % change in production 5 % change in Income-28.57
<b>Deogarh</b>	Planning and layout of kitchen garden	25	51	73			8600	12500	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 12 3 % change in knowledge:43.1 4 % change in production 5 % change in Income-45.3
<b>Deogarh</b>	Preparation of supplementary food for children	25	45	78			3400	5600	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 16 3 % change in knowledge:73.3 4 % change in production 5 % change in Income-64.7

<b>Deogarh</b>	Paddy straw mushroom cultivation	25	24	76			2200	3000	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 29 3 % change in knowledge:216.6 4 % change in production 5 % change in Income-36.3
<b>Deogarh</b>	Storage of cereal and pulses by use of ITK	25	38	69					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 18 3 % change in knowledge:52.681.5 4 % change in production 5 % change in Income
<b>Deogarh</b>	Gender mainstreaming through SHG	25	43	72					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 15 3 % change in knowledge:89.4 4 % change in production 5 % change in Income
<b>Deogarh</b>	Preparation of vermicompost	25	33	64			6200	9500	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 13 3 % change in knowledge:93.9 4 % change in production- 5 % change in Income-53.2
<b>Deogarh</b>	Vegetable nursery raising	25	58	72			3200	4700	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 11 3 % change in knowledge:24.1 4 % change in production 5 % change in Income-46.8
<b>Deogarh</b>	Paddy straw mushroom cultivation	25	44	79			1800	2900	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 20 3 % change in knowledge:76.3 4 % change in production 5 % change in Income-31.4



<b>Deogarh</b>	Scientific method of raising tomato nursery	25	58	79			3500	4600	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 12 3 % change in knowledge:36.2 4 % change in production 5 % change in Income-31.4
<b>Deogarh</b>	Uses of vermicompost	25	27	65			5300	6900	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 14 3 % change in knowledge:140.7 4 % change in production 5 % change in Income-30.1
<b>Deogarh</b>	Raising of vegetable seedlings	25	58	72			3200	4700	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 11 3 % change in knowledge:24.1 4 % change in production 5 % change in Income-46.8
<b>Deogarh</b>	Cultivation of oyster mushroom	25	44	79			1800	2900	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 20 3 % change in knowledge:73.3 4 % change in production 5 % change in Income-31.4
<b>Deogarh</b>	Cultivation of oyster mushroom	25	24	76			2200	3000	1 Area expanded (ha):- 2 No. of farmers adopted (no.):19 3 % change in knowledge:216.6 4 % change in production 5 % change in Income-36.3
<b>Deogarh</b>	Cultivation of oyster mushroom	25	38	69			2300	3200	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 16 3 % change in knowledge:93.9 4 % change in production 5 % change in Income-31.4

<b>Deogarh</b>	Value addition of tomato	25	43	62			4200	5400	1 Area expanded (ha):- 2 No. of farmers adopted (no.):17 3 % change in knowledge:44.1 4 % change in production 5 % change in Income-28.57
<b>Deogarh</b>	Extension personnel training on Supplementary diet preparation from locally available food materials	10	48.5	69.7					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 8 3 % change in knowledge:77.3 4 % change in production- 5 % change in Income-
<b>Deogarh</b>	RY on Value addition of tomato	15	39.4	66.4			4800	5100	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 12 3 % change in knowledge:61.6 4 % change in production- 5 % change in Income-6.20
<b>Deogarh</b>	VT on paddy straw mushroom cultivation	10	34	73			2300	3200	1 Area expanded (ha):- 2 No. of farmers adopted (no.): 14 3 % change in knowledge:114.7 4 % change in production- 5 % change in Income-39.1
<b>Deogarh</b>	Goatery management	25	39.45	56.4					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 16 3 % change in knowledge:60.3 4 % change in production- 5 % change in Income-
<b>Deogarh</b>	Planting technique of colocasia	25	24.7	46.3					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 12 3 % change in knowledge:87.4 4 % change in production 5 % change in Income

<b>Deogarh</b>	Nursery raising of off season vegetables	25	33.3	52.1					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 14 3 % change in knowledge:56.4 4 % change in production 5 % change in Income
<b>Deogarh</b>	Fertiliser management of papaya	25	32.5	48.7					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 8 3 % change in knowledge:49.8 4 % change in production 5 % change in Income
<b>Deogarh</b>	Fertiliser management in tomato	25	38.7	54.8					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 15 3 % change in knowledge:41.6 4 % change in production 5 % change in Income
<b>Deogarh</b>	Nursery raising of solanaceous vegetables	25	49.2	68.3					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 17 3 % change in knowledge:38.8 4 % change in production 5 % change in Income
<b>Deogarh</b>	Nursery raising of cole crop	25	43.1	69.2					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 9 3 % change in knowledge:60.5 4 % change in production 5 % change in Income
<b>Deogarh</b>	Planting technique of solanaceous vegetables	25	26.8	45.7					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 16 3 % change in knowledge:70.5 4 % change in production 5 % change in Income

<b>Deogarh</b>	Fertilizer management of onion	25	30.42	46.12					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 12 3 % change in knowledge:45.46 4 % change in production 5 % change in Income
<b>Deogarh</b>	Fertilizer management of cauliflower	25	31	49.30					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 14 3 % change in knowledge:48.67 4 % change in production 5 % change in Income
<b>Deogarh</b>	Nutrient management of watermelon	25	42.72	68.39					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 19 3 % change in knowledge:67.77 4 % change in production 5 % change in Income
<b>Deogarh</b>	Cultural practices of litchi orchard	25	18.91	27.26					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 7 3 % change in knowledge:26.57 4 % change in production 5 % change in Income
<b>Deogarh</b>	Planting technique and management of tomato	25	43.16	57.29					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 17 3 % change in knowledge:56.54 4 % change in production 5 % change in Income

<b>Deogarh</b>	Nutrient management of sweet orange orchard	25	16.28	29.78					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 6 3 % change in knowledge:29.23 4 % change in production 5 % change in Income
<b>Deogarh</b>	Fertilizer management in cucurbit crops	25	37.65	54.82					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 12 3 % change in knowledge:54.13 4 % change in production 5 % change in Income
<b>Deogarh</b>	RY training on Commercial mango production technology	15	34.9	56.4					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 8 3 % change in knowledge:55.78 4 % change in production 5 % change in Income
<b>Deogarh</b>	Extension personnel training on Nursery management of horticulture fruit crop	10	28.6	47.3					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 8 3 % change in knowledge:46.70 4 % change in production 5 % change in Income
<b>Deogarh</b>	VT on Methodology for rejuvenation of old sweet orange orchard	10	14.68	38.48					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 5 3 % change in knowledge:38.10 4 % change in production 5 % change in Income

## 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				
				M	F	M	F	M	F	Purpose	Topic s	Crop Stages
Deogarh	Field Day	10	5	60	22	41	27	17	2	Field day	Spine gourd, Brinjal, SPRT, Goat	Harvesting
Deogarh	Kisan Mela	1	3	72	26	67	35	13	1	Awareness	Various schemes	
Deogarh	Kisan Ghosthi	1	2	21	0	8	0	3	0	Unity		
Deogarh	Exhibition	2	3	Mass				11	2	Exhibition		
Deogarh	Film Show	60	103	885	137	396	216	35	4	CD show	44CD	All stages
Deogarh	Method Demonstrations	2	2	42		18		7		Skill		Transplan ting
Deogarh	Farmers Seminar	1	1	28	7	11	4	4		Awareness	SRI	Harvesting
Deogarh	Workshop	2	2	12	4	6	2	15	6	Awareness		
Deogarh	Group meetings	20	53	315	105	192	108	117	4	Awareness	All crops	All stages
Deogarh	Lectures delivered as resource persons	10	33	712	83	265	37	132	6	Transfer of technology		
Deogarh	Newspaper coverage	2	2	Mass						Awareness	All crops	All stages
Deogarh	Radio talks	3	4	Mass						Awareness	All crops	All stages
Deogarh	TV talks	1	3	Mass						Awareness	All crops	All stages
Deogarh	Popular articles	4	4	Mass						Transfer of technology		

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	Extension Literature	2	2	Mass						Transfer of technology		
Deogarh	Farm advisory Services	20	51	152	14	46	26	108	4	Transfer of technology	All crops	All stages
Deogarh	Scientific visit to farmers field	84	166	617	88	224	53	312	8	Transfer of technology	All crops	All stages
Deogarh	Farmers visit to KVK	120	252	148	17	63	24	32	2	Transfer of technology	All crops	All stages
Deogarh	Diagnostic visits	50	93	504	38	188	37	211	6	Transfer of technology	All crops	All stages
Deogarh	Exposure visits	1	3	8						Awareness		
Deogarh	Ex-trainees Sammelan	1	2	32	6	12		6		Awareness		
Deogarh	Soil health Camp	1	1	15	5	12	3	2		Nutrient status		
Deogarh	Animal Health Camp	1	2	12	22	16	50	4		Animal health check up		
Deogarh	Agri mobile clinic	0	0							-		
Deogarh	Soil test campaigns	1	2	38	12	10	6	6		Nutrient status		
Deogarh	Farm Science Club conveners meet	6	15	305	44	112	15	62	25	Awareness		
Deogarh	Self Help Group conveners meetings	1	1		32		18	1	2	Awareness		
Deogarh	Mahila Mandals conveners meetings	1	1		28		22	0	2	Awareness		
Deogarh	Celebration of important days	3	3	76	30	12	32	12	2	Awareness		

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

A) KVK News Letter ((,etc.)

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Deogarh	01/04/2010	Quarterly	2000	2000

(B) Literature developed/published

KVK Name	Type	Title	Authors name	Number of copies
Deogarh	Booklet	-	-	-
Deogarh	Research Paper	Performance evaluation of self propelled rice transplanter and manual transplanting	D.K.Mohanty, K.C.Barik and M.Mohanty, Agricultural Engineering Today	Mass
Deogarh	Popular Article	Khadya Nirapata Nimantay Pakasala Bagicha	A Patara and K.C.Barik	Mass
Deogarh	Popular Article	Barsa Jala Sanchay o sanrakhyana	D.K.Mohanty, K.C.Barik	Mass
Deogarh	Popular Article	Nursery management	K.C.Barik	Mass
Deogarh	Popular Article	Utkal Raja Tomato Chasa	S.K.Nath	Mass

(C) Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Deogarh	DVD	Scientific Sunflower cultivation	100
Deogarh	DVD	Scientific Watermelon cultivation	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 <b>SD</b> ; For Planting Material type here <b>PM</b> )	Quantity	Unit for quantity of produces (qtl for <b>SD</b> and <b>Nos</b> for <b>PM</b> )	Value (Rs.)	Provided to No. of Farmers
Deogarh	Cereals	Maize	HQPM-1	Green cobs	32 kg		160	8
Deogarh	Cereals	Sweet corn	Madhuri	Green cobs	110 kg		1100	8
Deogarh	Pulses	Pigeon pea	ICPL-Asha	SD	49 kg		3675	10
Deogarh	Fruits							
Deogarh	Oil seed	Ground nut	Devi	SD	80 kg		4080	8
Deogarh	Oil seed	Sesamum	Nirmala	SD	119 kg		6069	15
Deogarh	Vegetables	Tomato	Utkal Raja	SD	0.32 kg		4800	
Deogarh	Others	Dhanicha	Local	SD	60 kg		1320	10



## 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	Papaya	06.06.2010			Lalpari	Seedlings	800	4450	8000	
Deogarh	Seedlings	Tomato	06.06.2010			BT-10, Utkal Raja	Seedlings	64415	4125	22545	
Deogarh	Seedlings	Brinjal	06.06.2010			Tarini	Seedlings	1000	340	500	
Deogarh	Seedlings	Cauliflower	09.10.2010			Megha	Seedlings	2000	1180	1400	
Deogarh	Seedlings	Cabbage	09.10.2010			Omphalus	Seedlings	1500	670	750	
Deogarh	Seedlings	Marry gold	05.11.2010			Inca	Seedlings	67	1700	2245	

## 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	<b>BIOAGENTS(Earthworm)</b>	2500 nos.	1200	2500	
Deogarh	<b>BIOFERTILIZERS(Vermicompost)</b>	4 qt.	150	2000	
Deogarh	<b>BIO PESTICIDES</b>				

## 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	<b>Cattle</b>						
Deogarh	<b>Buffalo</b>						
Deogarh	<b>Sheep and Goat</b>						
Deogarh	<b>Poultry</b>						
Deogarh	<b>Fisheries</b>						
Deogarh	<b>Others (Specify)</b>						

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

9. Year of establishment :

9.1 List of equipments purchased with amount :

KVK Name	Name of the Equipment	Qty.	Cost
Deogarh			
Deogarh			

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	11	Nil

# 10. Rainwater Harvesting: Not completed

## 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/RV /EF)	No. of planting material produced	No of Officials/extension persons Visited	No. of farmers visitors including SC/ST			No. of SC/STParticipants		
								Mal e	Femal e	Tota l	Mal e	Female	Tot al
Deogarh													

# 11. Utilization of hostel facilities

Accommodation available (No. of beds) : Under construction

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: Under construction

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any

# 13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Deogarh	01.03.2011	19	<ul style="list-style-type: none"> <li>➤ Undertake campaigns to popularize agriculture machines in the district.</li> <li>➤ Assessment of hybrid rice cultivation in the district under OFT programme.</li> <li>➤ Use of PMS extensively in all programmes</li> <li>➤ Taking measures in citrus orchards against climatic change.</li> <li>➤ Awareness for Banaraja breed of poultry should be developed among rural people. It should be popularized in tribal areas</li> <li>➤ The number of farmers enrolling in distance education should be increased to 100.</li> <li>➤ Kissan mela should be organized for 150 farmers.</li> <li>➤ Arhar to be taken under Revolving fund seed production activities in 2ha in KVK farm.</li> <li>➤ The old unproductive cashew orchard of the farm should be removed</li> <li>➤ Project on IFS should be taken up under RKVY.</li> <li>➤ Line department officers should be aware about the KVK activities.</li> <li>➤ Drudgery measuring instruments should be purchased in KVK to assess the efficiency of machines.</li> <li>➤ Red chilli varieties for dried purpose should be taken under programmes in chilli.</li> <li>➤ The SMS (HSc.) to cover all the mushroom growing groups under vocational training.</li> <li>➤ 1 quintal per month mushroom should be produced in KVK farm. 20 tons of vermicompost should be produced annually from KVK farm.</li> <li>➤ OFT to be taken in assessing the best green gram variety for the district.</li> </ul>

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

KVK Name	No. of messages sent	No. of beneficiary		Major recommendations
		Farmers	Ext. Pers.	
Deogarh	92	156	24	<ul style="list-style-type: none"> <li>➤ Green manuring</li> <li>➤ HYV rice</li> <li>➤ Kharif vegetables</li> <li>➤ SRI method of rice cultivation, Mushroom</li> <li>➤ Blast, Leaf folder, BPH of rice</li> <li>➤ Blast, Leaf folder, BPH of rice</li> <li>➤ Sunflower cultivation</li> <li>➤ Wilting in solanaceous crops</li> <li>➤ Fruit and shoot borer in Brinjal</li> <li>➤ IPM in cole crops</li> <li>➤ IPM in cole crops</li> <li>➤ Quality maintain Watermelon</li> </ul>

#### 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	1,95,000	Farmers participatory research, Exhibition and Interstate exposure visit, Preparation of CD	Deogarh district	Activities under progress
Deogarh	MNREGA					
Deogarh	NHM					
Deogarh	RKVY	Centre-state	450000	Establishment of spawn production unit, poly house		
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	18350	34986	34986

#### 17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Deogarh	Utsav Pradhanpat	Institution	District Cultural organization	1 <sup>st</sup> prize
Deogarh	Ananad Chandra Garanayak	Farmer	National innovator Foundation	
Deogarh	Prasanna Kumar Pradhan	Farmer	OUAT, Bhubaneswar	

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

### **TITLE - Success Story of Jagannath Pradhan :** **A Successful Sweet Orange grower**

#### **Introduction/ Background :**

Jagannath Pradhan is a farmer of village Khilabarani, Block - Reamal situated 60 kms away from Deogarh district headquarter. He has 5 acres of sweet orange orchard with low bearing, low productivity and fruits with sour taste. Being from a farmer's family he wanted to be a successful agro-entrepreneur in sweet orange cultivation.

#### **Intervention:**

After listening about Krishi Vigyan Kendra activities, he went there, interacted with the scientist and invited them to visit his village. The KVK scientist visited his farm and found that the orchard was unproductive, improper management of nutrition, infected with die back and fruit sucking moth. The intervention suggested by the scientist to him proper management of nutrition, use of micronutrients, IPDM practices to come over the problem. These problems are included in different OFT and FLD programmes and the technologies were provided to him. Our effort, transformed his unproductive orchard to wholesome greenery with bumper crop of Sweet Orange.

#### **Output:**

He harvested about 690q of Sweet orange fruits. Merchants from Angul, Cuttack and Bhubaneswar rushed to him to purchase the sweet balls. His net return from 2 ha. of Sweet orange orchard comes to Rs.3,20,500/.

#### **Outcome-Diffusion**

Being inspired by the success of the enterprise, more farmers from his and nearby villages have followed INM and IPDM practices and rushed to the KVK for technology transfer through training, OFT & FLD. KVK, Deogarh has documented the success and has developed plan to promote the technology in the other parts of the district.

#### **Impact – Social, Economical and Technological**

**Increase in area (ha)** : 52 Ha.

**Production (q)** : 17940

**Productivity (q/ha)** : 345

**Income (Rs)** : 8333 000.00

**Employment (Mandays)** : 3550

**Assets** : Mobile phone, Two wheeler, Four wheeler

**Social status** : Member of farmer's club

**Lesson learned** : Improved cultivation practices like timely training and pruning, recommended fertilizer application, application of micronutrients and proper plant protection measures

#### **Conclusion:**

Now he is a happy man and developed a spirit that a man can be self employed from sweet orange cultivation if he has interest and will power.



## PHOTOGRAPHS ON SWEET ORANGE



AFFECTED WITH FRUIT SUCKING MOTH



I

AFFECTED WITH DIE BACK



INTERACTION WITH SCIENTIST OF KVK



SPRAYING OF MICRONUTRIENTS AND PESTICIDES



INM PRACTICES IN ORCHARDS



RESULT OF KVK INTERVENTION



### **Title - A Successful Litchi entrepreneur Digamber Garnayak**

#### **Introduction/ Background :**

Digamber Garnayak is a farmer of 40 years belonging to village Kureibahal of Tileibani block, Deogarh district. He has 5 acres of litchi orchards. His annual income was only Rs. 80,500/- from his existing litchi orchard . He faced problems such as fruit cracking, low yield, improper management of orchard and low nutrition input to litchi plants.

#### **Intervention:**

His interest & enthusiasm dragged him to corridors of Krishi Vigyan Kendra, Deogarh. He interacted with the scientist about his cultivation, problems and invited scientists to visit his orchard. The scientist of KVK visited his orchard and surprised to find the natural water source flowing nearby. The soil was loamy sand with undulating topography. The intervention suggested by the scientist for proper INM practices, use of micronutrients like boron and zinc according to soil test report and use of black polythene mulch to reduce fruit cracking. This was included in the OFT and FLD programme along with training programme for capacity building. The skill of application of PMS with INM, IPM module and polythene mulching was demonstrated to him with emphasis on “learning by doing”. A diesel pump was purchased by him with our effort, transformed his low productivity orchard to high productivity orchard. Intercultural operation was performed in the orchards after harvesting of litchi by power tiller, which he possessed after advice of KVK scientists. Now his orchard is totally clean around the year and this orchard become a suitable place for exposure visit of interested farmers.

#### **Output:**

He harvested about 130q of litchi. Merchants from Sambalpur, Anugul, Rourkela and Jharsuguda purchased the queen of fruits from his orchard. His net returns from 2 ha. of litchi orchards comes to Rs.3,55,780/.

#### **Outcome-Diffusion**

Farmers of the nearby villages visiting to his orchard and delighted by seeing the good quality bumper produce along with well maintained orchard. The consumers and middle men involved in marketing of the produce also enquired regarding the production technology and some of them were interested to take up the technology.

#### **Impact – Social, Economical and Technological**

Increase in area (ha)	: 32 Ha.
Production (q)	: 2080
Productivity (q/ha)	: 65
Income (Rs)	: 5692480
Employment (Mandays)	: 3332
Assets	: Mobile phone, Two wheeler, Power tiller
Social status	: Member of litchi grower association
Lesson learned	: Improved cultivation practices like use of polythene mulching, application of PMS with INM and IPM module.

#### **Conclusion:**

The feedback from the merchants he received through his cell phone no 09438679189 his endeavour has brought laurels for his village for which he was felicitated as a successful agro entrepreneur by Hon’ble Chief Minister, Orissa on 47<sup>th</sup> Foundation Day of Orissa University of Agriculture and Technology.

## PHOTOGRAPHS ON LITCHI



CAPACITY BUILDING ON USE OF POLYTHENE MULCH



LITCHI PLANT WITH MULCHING



SPRAYING OF MICRONUTRIENTS



HARVESTING OF LITCHI



GRADING AND VALUE ADDITION



FINAL PRODUCT

## 19. Details of KVK Agro-technological Park

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

## 20. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Deogarh	Prof. S. S. Nanda, Dean, Extension Education, OUAT, Bhubaneswar	13/08/2010	For establishment of Agropolytechnic centre
Deogarh	Shri B. K. Sar, D.D.A., Deogarh	04/10/2010	For discussion of the ongoing programmes
Deogarh	Prof. S. S. Nanda, Dean, Extension Education, OUAT, Bhubaneswar	01/03/2011	SAC meeting
Deogarh	Shri J. Bhoi, Collector cum District Magistrate, Deogarh	01/03/2011	SAC meeting

## 21. Status of KVK Website: Not Available

## 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
Deogarh	Date	No of Staff attended	No of call received from Hub	No of Call mate to Hub by KVK			
Deogarh							



## 23. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Deogarh	Gosthies	2	29	groundnut
Deogarh	Lectures organized	3	149	IPM in cole crops, soil acidity management
Deogarh	Exhibition			
Deogarh	Film show	8	126	SRI, IPM, Watermelon
Deogarh	Fair			
Deogarh	Farm Visit	4	27	Diagnostic to crops
Deogarh	Diagnostic Practical's	2	9	Chilli, brinjal
Deogarh	Distribution of Literature (No.)	60	60	Greengram, watermelon, broccoli, groundnut
Deogarh	Distribution of Seed (q)			
Deogarh	Distribution of Planting materials (No.)	5000	120	Tomato
Deogarh	Bio Product distribution (Kg)			
Deogarh	Bio Fertilizers (q)			
Deogarh	Distribution of fingerlings (No)			
Deogarh	Distribution of Livestock specimen (No.)			
Deogarh	Total number of farmers visited the technology week	199	520	All crops

## 24. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
Deogarh	Okra	16	135
Deogarh	Cowpea	12	88
Deogarh	Chilli	11	105
Deogarh	Greengram	25	320
Deogarh	Mustard	22	250
Deogarh	Sesamum	42	385
Deogarh	Maize	16	210

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries
Deogarh	Oilseeds	74	630
Deogarh	Pulses	43	517
Deogarh	Cereals	24	315
Deogarh	Vegetable crops	57	820
Deogarh	Tuber crops	10	130
Deogarh	Fruits	5	80
Deogarh	Spices		
Deogarh	Cotton		
	<b>Total</b>	<b>213</b>	<b>2492</b>

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No.of participants
Deogarh	Dairy Management	4	119
Deogarh	Disease management	2	86
Deogarh	Feed and fodder technology		
Deogarh	Poultry management	2	55

Animal health camps organised

Name of KVK	Number of camps	No.of animals	No.of farmers
Deogarh	4	2544	211

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Deogarh	Greengram	02	10	30
Deogarh	Groundnut	5.8	10	35
Deogarh	Sunflower	0.24	05	22

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
Deogarh	Dhanicha	80	20	110

(f) Verms Produced

Name of KVK	Verms 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	1	50	1	15	1	30	1	85	1	mass	5	140

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

If available, please provide the address of website: **Completed to be uploaded**

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) –

## ACTION PHOTOGRAPHS OF KVK, DEOGARH



**ASSESSMENT OF IDM AGAINST BLAST  
DISEASE IN RICE**



**ASSESSMENT OF DIRECT SEEDING OF  
SPROUTED SEEDS**



**ASSESSMENT OF BORON IN TOMATO**



**CULTIVATION METHOD OF PADDY  
STRAW MUSHROOM**



**POPULARIZATION OF SCENTED RICE  
VARIETY KETAKIJOHA**



**RESULT OF KVK INTERVENTION**



## ACTION PHOTOGRAPHS OF KVK, DEOGARH



ASSESSMENT OF IPM AGAINST YSB IN RICE



DEWORMING OF GOAT KIDS



MICRONUTRIENT MANAGEMENT IN SWEET ORANGE



CULTIVATION OF CORRIANDER THROUGHOUT THE YEAR



SELF PROPELLED RICE TRANSPLANTER



IDM AGAINST BLIGHT DISEASE IN ONION



## ACTION PHOTOGRAPHS OF KVK, DEOGARH



ASSESSMENT KISAN MOBILE SANDESH



ASSESSMENT OF DRUDGERY IN ROTARY PEG WEEDER



ROTARY PEG WEEDER FOR INTERCULTURAL OPERATION



CONTINGENT PLAN MEETING FOR DRY SPELL



ASSESSMENT OF IPM AGAINST DBM IN CABBAGE



PLASTIC MULCHING IN TOMATO



## ACTION PHOTOGRAPHS OF KVK, DEOGARH



**ASSESSMENT OF GROUNDNUT SEED  
DRILL**



**ASSESSMENT OF PRE-GERMINATED PADDY  
SEEDER**



**ASSESSMENT OF DRIP IN LITCHI**



**CONTROL OF DIE BACK IN SWEET  
ORANGE**



**INSERVICE TRAINING**



**CHEMICAL CONTROL OF CHILLI THRIPS**