ANNUAL PROGRESS REPORT

APRIL 2013 TO MARCH 2014, KVK, DEOGARH

Contents

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 color cells in summary table need not to be filled.**
13. **Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Horse gram, Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).**
    Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).
    Fruits :- Mango, Guava, Custard apple, Pear etc.
    Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.

REPORTING PERIOD – April 2013 to March 2014

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2013-14

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	**On Farm Testing**			
	Proposed OFT	17	233	
	On Going OFT	2	26	
	Technologies assessed (Completed OFT)	15	207	
	Technologies refined	0	0	
	On farm trials conducted	17	233	
2	**Frontline demonstrations**			
	Proposed Frontline demonstrations	19	250	
	On Going Frontline demonstrations	3	30	
	FLDs conducted on crops	16	220	
	Area under crops (ha.)	43.002	250	
	FLD on farm implement and tools	0	0	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	0	0	
	FLD on Fisheries - Finger lings	0	0	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	2	20	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	4	40	
3	**Training programmes**	**No. of Course**	**Duration (days)**	**Participants**
	Farmers	41	41	1025
	Farm women	12	12	300
	Rural youth	8	16	120
	Extension personnel/ In service	8	16	80
	Vocational trainings	4	28	40
	Sponsored Training	0	0	0
	Total	73	113	1565
		No. of programmes	**Participants**	
4	**Extension Programmes**	264	3678	
5	**Production of technology inputs etc**	**Qty**	**Beneficiaries (nos.)**	
	Seed (qt.)	1.82		
	Planting material produced (nos.)	51010	267	
6	**Livestock**	**Qty**	**Beneficiaries (nos.)**	
	Livestock strains (Nos)	0	0	
	Milk Yield - Cow, Buffelo etc. (in liter)	0	0	
	Fish (Kg.)	0	0	
	Fingerlings (nos.)	0	0	
	Poultry-Eggs (nos.)	0	0	
	Ducks (nos.)	0	0	
	Chicks etc. (nos.)	130	13	

7	**Bio Products**	**Qty**	**Beneficiaries (nos.)**	
	Bio Agents -Earth worm (Kg.)	6.3	7	
	Trichoderma (kg.)	0	0	
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	520	15	
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	0	0	
8	**Any other significant achievement in the Zone**	**Nos.**	**Participants/ beneficiaries**	
	Award (Best KVK award and scientist and farmer's award)	3	7	
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	5		
	KVK News letter	4	2800	
	SAC Meetings conducted	1	17	
	Soil sample tested	0	0	
	Water sample tested	0	0	
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	0	0	
	KVK-KMA (Message and beneficiaries)	57	1010	
	Convergence programmes	2		
	Sponsored programmes	0	0	
	KVK Progressive Farmers interaction	1	108	
	No. of Technology Week Celebrations	1	305	
	Attended HRD activities organized by ZPD	0	0	
	Attended HRD activities organized by DES	7	6	
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	2	1	
9	Current status of Revolving Funds (Amt. in Rs.)	96431.00		
10		**No. of blocks**	**No. of villages**	
	Outreach of KVK in the District	3	34	
11		**ICAR**	**SAU**	**Others**
	No. of important visitors to KVK (nos.)	1	4	7
12		**Working (Yes/No)**	**No. of Update**	
	Status of KVK Website	Yes	4	
13		**Application received**	**Application disposed**	
	Status of RTI (nos.)	0	0	
14		**Query received**	**Query dissolved**	
	Citizen Charter (nos.)	0	0	
15		**Working (Yes/No)**	**No. of programme viewed**	
	E-connectivity	No		
16		**Filled**	**Vacant**	
	Staff Position	10	6	
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	1		
18	Publication received from ICAR /other organization (nos.)	4		
19		**Particulars**	**Organization**	
20	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	0	0	

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on 31st March, 2014

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Deogarh	16	1	1	6	4	3	1	6	4	16	10

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
Deogarh	Programme Coordinator	Dr.K.C.Barik	Agronomy	Ph. D	Agronomy	PB2 (37400 – 67000) AGP-10000	53,250	28.10.2009	Permanent	Others
Deogarh	Subject Matter Specialist1	Sri S. K. Sahoo	Horticulture	M.sc.(Hort.)	Horticulture	15600 – 39100 AGP-6000	20,590	19.07.2006	Permanent	Others
Deogarh	Subject Matter Specialist2	Dr. S.K.Nath	Agril Extension	Ph. D	Agril Extension	15600 – 39100 AGP-6000	21,390	05.08.2009	Permanent	Others
Deogarh	Subject Matter Specialist3	Smt Anita Patro	Home Science	Msc.(H.Sc.)	Home Science	15600 – 39100 AGP-6000	18,320	18.12.2009	Permanent	Others
Deogarh	Subject Matter Specialist4	Sri Laba Soren	Plant Pathology	M.sc.(Ag.)	Plant Pathology	15600 – 39100 GP-6000	18,320	24.12.2009	Permanent	ST
Deogarh	Subject Matter Specialist5	Vacant								
Deogarh	Subject Matter Specialist6	Vacant								
Deogarh	Programme Assistant	Vacant								
Deogarh	Farm Manager	Vacant								
Deogarh	Computer Programmer	Sri Nihar Ranjan Baral	Computer	B.Sc.	Computer	9300 – 39100 GP-4200	12,430	10.08.2009	Permanent	Others
Deogarh	Accountant / superintendent	Vacant								
Deogarh	Stenographer	Sri Benudhar Moharana		B.A.		5200-20200 GP- 2400	6,980	11.10.2006	Contractual	Others
Deogarh	Driver	Sri Akrura Mohapatra		10th		5200-20200 GP- 1900	6,110	29.07.2008	Contractual	Others
Deogarh	Driver	Vacant								
Deogarh	Supporting staff	Sri Dwija Behera		9th		4440-7440 GP- 1300	5,180	31.07.2008	Contractual	Others

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
Deogarh	Supporting staff	Sri Raghu Senapati		6th		4440-7440 GP- 1300	5,180	31.07.2008	Contractual	Others

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

KVK Name	Agro-climatic zone	No. of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Deogarh	**North-western Plateau**	03	60	**312164**	**73.07%**	52,122(SC) 1,10,400(ST)	44,000	1.08 ha

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

Land utilization:

Sl. No.	Name of the Block	Cultivated Area				Rice 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 the SAC meeting)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Deogarh	Kailash	2011	Tileibani	20	385	85
Deogarh	Bindipur	2013	Tileibani	25	410	82
Deogarh	Malehipada	2013	Reamal	36	1320	157
Deogarh	Landijhari	2013	Barkote	55	737	106
Deogarh	Adyapur	2013	Barkote	45	342	56

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

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

1.4. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in SAC meeting)

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Deogarh	65% of the soil is acidic	Secondary data collection, meeting and soil testing	Villages - Kailash, Bindipur Adyapur, Landijhari and Malehipada and Blocks – Tileibani, Barkote and Reamal
Deogarh	70% of the area is rainfed	Group discussion, secondary data collection	Villages - Kailash, Bindipur Adyapur, Landijhari and Malehipada and Blocks – Tileibani, Barkote and Reamal
Deogarh	74% of the total geographical area is covered under mountains, hills and dense forest	Group discussion, meeting, secondary data collection	Villages - Kailash, Bindipur Adyapur, Landijhari and Malehipada and Blocks – Tileibani, Barkote and Reamal
Deogarh	Lack of adoption of off-season vegetables	PRA, Group discussion, meeting, diagnostic visit	Villages - Kailash, Bindipur Adyapur, Landijhari and Malehipada and Blocks – Tileibani, Barkote and Reamal
Deogarh	Less crop diversification in uplands from rice to other crop	PRA, awareness campaign, Group discussion, meeting	Villages - Kailash, Bindipur Adyapur, Landijhari and Malehipada and Blocks – Tileibani, Barkote and Reamal
Deogarh	Lack of farm mechanization	PRA, Group discussion, meeting, Exhibition	Villages - Kailash, Bindipur Adyapur, Landijhari and Malehipada and Blocks – Tileibani, Barkote and Reamal
Deogarh	No soil and water conservation measures and improper management of water	PRA, Group discussion, Field visit	Villages - Kailash, Bindipur Adyapur, Landijhari and Malehipada and Blocks – Tileibani, Barkote and Reamal
Deogarh	Lack of utilization of forest produce for income generating activities	PRA, Group discussion, meeting	Villages - Kailash, Bindipur Adyapur, Landijhari and Malehipada and Blocks – Tileibani, Barkote and Reamal
Deogarh	No agro based income generating activities of the SHGs	PRA, Group discussion, meeting`	Villages - Kailash, Bindipur Adyapur, Landijhari and Malehipada and Blocks – Tileibani, Barkote and Reamal
Deogarh	Heavy loss from the farming due to non adoption of IPDM measures	PRA, Kissan mela, meeting, Farmers seminar	Villages - Kailash, Bindipur Adyapur, Landijhari and Malehipada and Blocks – Tileibani, Barkote and Reamal
Deogarh	Adoption of old traditional varieties in pulses and oilseeds	PRA, Group discussion,FC meeting, Farmer-scientist interaction	Villages - Kailash, Bindipur Adyapur, Landijhari and Malehipada and Blocks – Tileibani, Barkote and Reamal
Deogarh	Absent of farmers organization	PRA, Group discussion, Field visit	Villages - Kailash, Bindipur Adyapur, Landijhari and Malehipada and Blocks – Tileibani, Barkote and Reamal
Deogarh	Non adoption of high value crops by the farming community	PRA, Group discussion, meeting, diagnostic field visit	Villages - Kailash, Bindipur Adyapur, Landijhari and Malehipada and Blocks – Tileibani, Barkote and Reamal

2. On Farm Testing

Note-

*** Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.**

***Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.**

***Don't press enter key to navigate among column use arrow or tab key**

***Don't add space before or after statement within the table cell**

2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Thematic Area	Crop/ enterprise	Farming Situations	No. of trials	Results (q/ha)		Net Returns (Rs./ha)		Recommendations
										FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	
Deogarh	2013	Kharif	Use of old varieties, low seed rate, inadequate crop stand, improper nutrition and absence of timely plant protection measures contributes to low yield of Kharif green garm	Assessment of OUM-11-5 (Kamdev) for increasing productivity of kharif green gram in raifed uplands	Assessment	Varietal evaluation	Green gram	Rainfed upland	13	3.7	5.5	10000	15300	This variety should be recommended for increasing the productivity of kharif green gram in rainfed uplands of Deogarh district
Deogarh	2013	Kharif	Use of old varieties, low seed rate, inadequate crop stand, improper	Assessment of medium duration variety TTB-7 for increasing productivity	Assessment	Varietal evaluation	Pigeon pea	Rainfed upland	13	11.6	15.4	24900	37400	This variety should be recommended for increasing the productivity of kharif pigeon

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Thematic Area	Crop/ enterprise	Farming Situations	No. of trials	Results (q/ha)		Net Returns (Rs./ha)		Recommendations
										FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	
			nutrition and absence of timely plant protection measures contributes to low yield of Kharif Pigeon pea	of kharif pigeon pea in rainfed uplands										pea in rainfed uplands of Deogarh district
Deogarh	2013-14	Kharif-Rabi	Rice is the predominant crop in Odisha and so in Deogarh. The district particularly Reamal block which has black soil, safflower cultivation will be promising in rice fallows	Assessment of productivity enhancement of rice-safflower system in medium- low land rice fallows	Assessment	Cropping system	Rice-Safflower	Medium low land	13	28.5	44.6	10000	15600	Rice-safflower cropping system is recommended for medium lands of Deogarh district
Deogarh	2013	Kharif	The medium land rice occupies 19,949ha out of total 39,000ha kharif rice. Nitrogen efficiency in medium land rice	Assessment of nitrogen management through LCC in aerobic rice in irrigated medium land	Assessment	Soil fertility management	Rice	Irrigated medium low land	13	31.4	45.8	11400	19380	This LCC must be with the farmers for better management of nitrogen in rice.

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Thematic Area	Crop/ enterprise	Farming Situations	No. of trials	Results (q/ha)		Net Returns (Rs./ha)		Recommendations
										FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	
			ecosystem is reduced due to various losses resulting low yield.											
Deogarh	2013	Kharif	High mortality due to open raising of seedling	Assessment of low cost poly tunnel for seedling raising	Assessment	ICM	Vegetable	Rainfed	13	2070 nos.	4770 nos	185	1200	This technology is recommended for Deogarh district
Deogarh	2013	Kharif	Low yield of yam bean due to use of local seed material	Assessment of yam bean variety Rajendra Mishri Kanda -1	Assessment	Varietal trial	Yam bean	Rainfed	13	140	210	34700	58800	Yam bean variety Rajendra Mishri Kanda -1 is recommended for Deogarh district
Deogarh	2013-14	Rabi	Poor quality of fruits due to soil contact and weed problem	Assessment of plastic mulch in watermelon	Assessment	Resource conservation	Watermelon	Irrigated	13	192	314	20300	45900	Plastic mulching in watermelon is recommended for Deogarh district
Deogarh	2013-14	Rabi	Poor quality and yield resulting low income	Assessment of vermicmpost in cauliflower	Assessment	INM	Cauliflower	Irrigated	13	242	328	62650	97500	Use of vermicmpost in cauliflower is recommended for Deogarh district
Deogarh	2013-14	Kharif	High incidence of phompsis blight	Assessment of IDM aganst phompsis	Assessment	Integrated Disease Management	Brinjal	Rainfed	13	206	296	61000	99000	This IDM technology should be recommended to reduce the disease

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Thematic Area	Crop/ enterprise	Farming Situations	No. of trials	Results (q/ha)		Net Returns (Rs./ha)		Recommendations
										FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	
			reduces the yield and marketability of the fruits	blight in brinjal										infestation in brinjal
Deogarh	2013	Kharif	Non adoptability of sericulture due to hot climatic situation in western Orissa	Assessment of cultivation of silkworm in Deogarh district	Assessment	Integrated Pest Management	Silkworm	Rainfed	13			4300	9300	Cultivation of silkworm is recommended for Deogarh district
Deogarh	2013-14	Rabi	High infestation reduces the yield as well as the quality of the fruits	Assessment of IPM against fruit sucking moth in sweet orange	Assessment	Integrated pest Management	Sweet orange	Rainfed	13	245	312	340000	459000	This IPM technology should be recommended to reduce the population of fruit sucking moth in sweet orange.
Deogarh	2013-14	Rabi	Fruit borer in litchi reduces the size, yield and make the fruit inedible	Assessment of IPM against fruit borer in litchi	Assessment	Integrated Pest Management	Litchi	Rainfed	13					Cotd.
Deogarh	2013	Kharif and Rabi	Gender discrimination in rural areas	Empowerment of women in KVK adopted villages	Assessment	Gender mainstreaming	-	-	25	-	Higher empowerment index	-	-	Dissemination of women friendly technologies in KVK adopted villages

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	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP(T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)
Deogarh	Assessment of OUM-11-5 (Kamdev) for increasing productivity of kharif green gram in raifed uplands	Yield (q/ha)	3.7	5.5	8500	12200		18500	30250		10000	18050		2.18	2.48	
Deogarh	Assessment of medium duration variety TTB-7 for increasing productivity of kharif pigeon pea in rainfed uplands	Yield (q/ha)	11.6	15.4	21500	24200		46400	61600		24900	37400		2.16	2.55	
Deogarh	Assessment of productivity enhancement of rice-safflower system in medium- low land rice fallows	Yield (q/ha)	28.5	44.6	18500	29000		28500	49060		10000	20060		1.54	1.69	
Deogarh	Assessment of nitrogen management through LCC in aerobic rice in irrigated medium land	Yield (q/ha)	31.4	45.8	20000	31000		31400	50380		11400	19380		1.57	1.63	
Deogarh	Assessment of low cost poly tunnel for seedling raising	Survivability (%)	38	88	850	1185		1035	2385		185	1200		1.22	2.01	
Deogarh	Assessment of yam bean variety Rajendra Mishri Kanda -1	Avg. weight of tubers (g)	155	230	36300	46200		71000	105000		34700	58800		1.96	2.27	

KVK name	OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP(T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)
Deogarh	Assessment of plastic mulch in watermelon	Weed infestation (%)	8	23	37300	48300		57600	94200		20300	45900		1.54	1.95	
Deogarh	Assessment of vermicmpost in cauliflower	Curd weight (Kg)	2.4	1.250	58350	66500		121000	164000		62650	97500		2.07	2.47	
Deogarh	Assessment of IDM against phompsis blight in brinjal	Yield (q/ha)	206	296	42000	48000		103000	147000		61000	99000		2.45	3.06	
Deogarh	Assessment of cultivation of silkworm in Deogarh district	Cocoons/Ha.	6400	11200	5700	8200		10000	17500		4300	9300		1.75	2.13	
Deogarh	Assessment of IPM against fruit sucking moth in sweet orange	Yield (q/ha)	245	312	150000	165000		490000	624000		340000	459000		3.27	3.78	
Deogarh	Assessment of IPM against fruit borer in litchi															
Deogarh	Gender discrimination in rural areas	Empowerment index	0.34	0.58												

2.3 Information about Home Science OFT:

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
Deogarh	2013 -14	Kharif	High drudgery involved in decorticating mahua seed manually	Assessment of drudgery of mahua seed decorticator by farm women	Assessment	Drudgery reduction	T_1 : Manual decortications T_2 :Mahua seed decorticator	Handy implement, decortication capacity 8-10 kg/hour, implement is operated manually in sitting posture	Homestead	13	A good technology for poor farm women of the district
Deogarh	2013 -14	Kharif	Low yield of milk due to no use of vitamin and mineral mixture	Assessment of vitamin and mineral mixture in milk production of cow	Assessment	Nutritional management	T_1 : No use of vitamin mineral mixture T_2 : Use of vitamin mineral mixture	Vitamin mineral mixture@30grams/day improve the health of cow and milk yield	Backyard	13	Supplementation of vitamin and mineral mixture increase milk productivity
Deogarh	2013 -14	Rabi	Low laying capacity and low body weight of the desi bird fetched less income in view of low productivity and high uncertainty of the local breeds in rainfed areas majority of farm women prefers improved breed	Assessment of Chabro poultry breed in backyard	Assessment	Small scale income generation	T_1 : vanaraja breed T_2 :Chabro poultry breed	Dual purpose black coloured synthetic birds .Adult bpdy weight of female 2-2.5kg and male3-3.5kg at six months.Egg laying capacity180 per life cycle.Egg weight 45-55gm.	Backyard	13	Contd.

Deogarh	2013 -14	Rabi	Straw is poorly available because of conventional method of harvesting and is used as fodder	Assessment of blue oyster mushroom in different substrate	Assessment	Small scale income generation	T_1 : Blue oyster mushroom (*Hypsizygous ulmarius*) cultivation in paddy straw T_2 :Blue oyster mushroom (*Hypsizygous ulmarius*) cultivation in sesamum stalk	The bright-blue to brown grey fruit bodies are firmly fleshed (cap-diam8-10c.m) Duration-!5-17days,fruiting room temperature15-18 , relative humidity 85%, No of flushes 2-3, Interval-10-14 days, Bio efficiency 105%	Homestead	13	Sesasum stalk can be used in productive way

2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Deogarh	Assessment of drudgery of mahua seed decorticator by farm women	1.5kg /h	9.5kg /h	9.88	11.314	112	126		14.5		35												
Deogarh	Assessment of vitamin and mineral mixtur											540 lit/3 months	675lit/3 months	6300	6691		3528	5.4 lit/day	6.8 lit/day	7308	19445	3137	2.56

	e in milk production of cow																						
Deogarh	Assessment of Chhabro poultry breed in backyard		Cont																				
Deogarh	Assessment of blue oyster mushroom in different substrate											1.8kg/bed	2.2kg/bed	29	21		24	1.8kg/bed	2.2kg/bed	79	111	40	6.2

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Deogarh	• Low- cost poly tunnels in the swampy areas should be developed for raising of seedlings and off-season vegetables • Vermi-compost dose per ha should be standardized for different types of soil and specific crops. • Lures against fruit sucking moth should be available for different fruits and sufficiently • More effective technology should be developed against fruit borer in litchi • Farmwomen frequently use mahua seed decorticator as it is reduces drudgery and increase efficiency • By regular use of vitamin mineral mixture the milk yield increased upto 20-25% • Farmwomen readily accepted the oyster mushroom cultivation in sisamum stalk due to high profitability ,productivity and simple technology

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	Crop : Rice - Greengram/Black Gram (pyra), Pigeonpea + groundnut , fruit crops (papaya- 50) Goatery (20 nos) + paddy straw mushroom (100 beds) + poultry (50 birds) + vermicompost + off-season vegetables (tomato and cauliflower)	Integrated farming system	Integrated farming system model for rainfed ecosystem	FLD, training, farmer's meeting, exhibition	06	12	6
Deogarh	Rice	Integrated crop management, varietal evaluation	Assessment of hybrid rice variety Indam-17 under SRI cultivation for increasing its productivity	Group discussions, Night meetings, Video shows.	11	37	9
Deogarh	Rice	Weed Management	Direct sowing of rice (30 kg seeds /ha) + dhanicha (20 kg seeds /ha) and incorporation of dhanicha at 30 days after sowing using 2,4-D spraying @ 1kg/ha.	Vocational training, group meeting, demonstration	3	17	4
Deogarh	Mango, vegetables, Pisciculture, duck, Banaraja Chicks, mushroom and vermicomposting	Integrated farming system	Mango plantation and round the year intercropping with vegetables, Pisciculture, Khaki campbell ducklings, Banaraja Chicks, mushroom and vermicomposting	Vocational training, group meeting, demonstration	7	15	9
Deogarh	Onion	Off season vegetable cultivation	Cultivation of kharif onion variety Agrifound Dark Red	FLD, training, farmer's meeting, exhibition	6	23	7

Deogarh	Tomato	Integrated nutrient management	Application of balanced fertilizer dose (RDF N:P:K @120:60:60 kg/ha)	Group discussions, Night meetings, Video shows.	17	125	29
Deogarh	Cauliflower	Integrated nutrient management	Application of balanced fertilizer dose (RDF N:P:K @120:50:50 kg/ha)	Vocational training, group meeting, demonstration	17	122	29
Deogarh	Rice	IDM	Seed treatment with Carbendazim @ 2gm/kg + Streptocycline @ 1gm/10 lt of water before sowing in the nursery. Spraying of Hexaconozole @1000 ml / ha at till ring and panicle initiation stage	Vocational training, group meeting, demonstration	35	439	88
Deogarh	Rice	IPM	Alternate spraying of Bupofezin 25 SL @ 500 ml / ha and Thiomethoxam @ 100 gm / ha at 7 days interval after pest emergence	FLD, training, farmer's meeting, exhibition	32	337	72
Deogarh	Onion	IPM	Foliar application of Profenophous@ 2ml/lt of water followed by Mancozeb @ 2gm/lt at 7days interval after emergence of the pest	Group discussions, Night meetings, Video shows.	12	136	23
Deogarh	Watermelon	IDM	Two numbers of foliar application of Carbendazim + Mancozeb @ 2gm/lt at 7 days interval after the emergence of the disease	Vocational training, group meeting, demonstration	28	256	108
Deogarh	Rice	Drudgery reduction	Use of serrated sickle	Vocational training, group meeting, demonstration	5	67	25
Deogarh	Sweet potato	Value addition	Value addition in sweet potato such as making of chips , ketchup, cakes and gulap jamun	Video shows, FLD, training	9	147	-
Deogarh	Kitchen garden	Nutritional security	Crop for Kharif (Okra, bitter gourd, ridge gourd, brinjal, Leafy vegetable), Rabi(cabbage, cauliflower, tomato, radish, chilli), Summer (leafy vegetables, brinjal, tomato, coriander)	FLD, training, farmer's meeting, exhibition	22	178	14
Deogarh	Kitchen garden	Nutritional security	Crop for Kharif (Okra, bitter gourd, ridge gourd, brinjal, Leafy	Group discussions, Night meetings, Video shows, On farm	24	197	17

			vegetable), Rabi(cabbage, cauliflower, tomato, radish, chilli), Summer (leafy vegetables, brinjal, tomato, coriander)	demonstration in front of farmers			
Deogarh	Mushroom cultivation	Income generation	mushroom cultivation	Vocational training, group meeting, demonstration	18	193	-
Deogarh	Mushroom cultivation	Income generation	mushroom cultivation	Vocational training, group meeting, demonstration	19	214	-
Deogarh	Onion	Post harvest management	Popularization of of low cost improved storage structure for storage of onion	Group discussions, Night meetings, Video shows, On farm demonstration in front of farmers	4	18	-

Note-

*** Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.**

***Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Paddy in place of Rice , brinjal in place of egg plant etc.**

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3.2 Details of FLDs implemented

KVK Name	Year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprizes	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Deogarh	Kharif	2013	Integrated crop management	RDF 80:40:40 kg $NP_2O_5K_2O$ + optimum plant population at 20cm x 10 cm +$ZnSO_4$ 25 kg/ha to kharif rice var.pooja and RDF 20:40:20$NP_2O_5K_2O$ kg/ha ,PMS 500 kg/ha basal with optimum plant population at 30 cm x 10 cm +gypsum 250 kg/ha at 25 DAS to green gram var.PDM 54.	Rice-Greengram	Pooja/Term-1	1.0	30.5	46.4	52.13		6	4		10
Deogarh	Kharif	2013	Integrated crop management	Popularization of Sahabhagi dhan for drought orone areas of Deogarh district.	Rice	Sahabhagi	1.0	24.7	40.2	62.75		4	6		10

KVK Name	Year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprizes	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Deogarh	Rabi	2013-14	Integrated nutrient management	60:80:60 $NP_2O_5K_2O$ kg/ha +PMS 500 kg/ha + borax 10 kg/ha + ZnSO4 5 kg/ha. Method of application: ½ N+ full P_2O_5,K_2O,PMS,Borax and Zn as basal,1/4 N at 25 DAS +1/4 N at 45 DAS.	Sunflower	Sunbred-275	1.0	11.7	15.9	35.90		5		5	10
Deogarh	Rabi	2013-14	Integrated crop management	Sprouted seeds @ 2/hill were placed at conventional spacing of 25cmX25cm with other usual management practices as per SRI.	Rice	Khandagiri	1.0					7		3	10
Deogarh	Kharif	2013	Value Addition	Use of ethrel for ripening of mango.	Mango	Amrapalli					1		9		10
Deogarh	Kharif	2013	Weed management	Application of post-emergence weedicide in sweet orange	Sweet Orange	Nagpur Santra	1.0	173	227	31			10		10
Deogarh	Rabi	2013-14	Integrated nutrient management	Use of biofertilizers in cabbage	Cabbage	Disha	1.0	224	306	37			10		10
Deogarh	Rabi	2013-14	Weed management	Application of Pre-emergence weedicide in onion	Onion	Agrifound Light Red	1.0	198	253	28			10		10

KVK Name	Year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprizes	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Deogarh	Kharif	2013	Integrated pest management	Using bait rotten snail mixed with furadon granule (500 g/ha) and packed in a fresh cloth. This bait is placed in different corners of the rice field. The gandhi bugs are attracted by the odour of rotten snail, suck its juice and gets killed.	Rice	Swarna	1.0	28.6	42.8	49.65		3	7		10
Deogarh	Kharif	2013	Integrated disease management	Seed treatment with Vitavax@ 2g/ 1kg seed and foliar application of streptocycline @ 1g/ 10 lit + COC 2g/ lit of water after the emergence of disease at 7 days interval	Rice	Pooja	1.0	32.2	45.8	42.24		6	4		10
Deogarh	Rabi	2013-14	Integrated pest management	Use of male annihilation(MAT) @ 10 blocks/ha using cue lure just below the level of crop leaf canopy when the fruits start to develop	Watermelon	Black magic	1.0	204	298	46.08			10		10
Deogarh	Rabi	2013-14	Integrated pest management	Application of copper oxychloride paste on the trunk of the tree and application of carbofuran-3G 5g/hole and plug with mud	Mango	Amrapalli	1.0								

3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Deogarh	RDF 80:40:40 kg $NP_2O_5K_2O$ + optimum plant population at 20cm x 10 cm +$ZnSO_4$ 25 kg/ha to kharif rice var.pooja and RDF 20:40:20$NP_2O_5K_2O$ kg/ha ,PMS 500 kg/ha basal with optimum plant population at 30 cm x 10 cm +gypsum 250 kg/ha at 25 DAS to green gram var.PDM 54.	Rice-Greengram	Yield(q/ha)	30.5	46.4	20500	30000	30500	46400	10000	16400	1.49	1.55
Deogarh	High yielding drought resistance, weed suppressing characteristics, yield potential of 45 q/ha suitable for rainfed area.	Rice	Yield(q/ha)	24.7	40.2	17000	25500	24700	40200	7700	14700	1.45	1.58

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Deogarh	60:80:60 $NP_2O_5K_2O$ kg/ha +PMS 500 kg/ha + borax 10 kg/ha + ZnSO4 5 kg/ha. Method of application: ½ N+ full P_2O_5,K_2O,PMS,Borax and Zn as basal,1/4 N at 25 DAS +1/4 N at 45 DAS.	Sunflower	Yield (q/ha)	11.7	15.9	15800	19200	35100	50880	19300	31680	2.22	2.65
Deogarh	Sprouted seeds @ 2/hill were placed at conventional spacing of 25cmX25cm with other usual management practices as per SRI.	Rice											
Deogarh	Use of ethrel for ripening of mango.	Mango	Time for ripening Ripening type %of ripening Rate of ripen fruits (Rs./q)	8 days uneven 42 1200	5 days uniform 95 2000								
Deogarh	Application of post-emergence weedicide in sweet orange	Sweet Orange	%Weed infestation	28	12	147600	146500	259500	340500	111900	194000	1.76	2.32
Deogarh	Use of biofertilizers in cabbage	Cabbage	Weight of head	1.5	2.35	50500	60300	112000	153000	61500	92700	2.22	2.54
Deogarh	Application of Pre-emergence weedicide in onion	Onion	%Weed infestation	24	13	63400	62800	118800	151800	55400	89000	1.87	2.42

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Deogarh	Using bait rotten snail mixed with furadon granule (500 g/ha) and packed in a fresh cloth. This bait is placed in different corners of the rice field. The gandhi bugs are attracted by the odour of rotten snail, suck its juice and gets killed.	Rice	Yield (q/ha)	28.6	42.8	18600	29500	28600	51360	10000	21860	1.54	1.74
Deogarh	Seed treatment with Vitavax@ 2g/ 1kg seed and foliar application of streptocycline @ 1g/ 10 lit + COC 2g/ lit of water after the emergence of disease at 7 days interval	Rice	Yield (q/ha)	32.2	45.8	19000	30500	32200	54960	13200	24460	1.69	1.80
Deogarh	Use of male annihilation(MAT) @ 10 blocks/ha using cue lure just below the level of crop leaf canopy when the fruits start to develop	Watermelon	Yield (q/ha)	204	298	37000	46200	61200	89400	24200	43200	1.65	1.94
Deogarh	Application of copper oxychloride paste on the trunk of the tree and application of carbofuran-3G 5g/hole and plug with mud	Mango											

3.4 Information about Home Science FLDs

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/Enterprises	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Deogarh	2013-14	Kharif	Value addition	Low income due to distress sale and no value addition of mohua flower	Value addition of Mahua	Mahua flower	Popularization of Value addition of Mahua	Homestead-	100kg	10
Deogarh	2013-14	Kharif	Income generation	Straw is used as a fodder and is poorly available.	Paddy straw mushroom cultivation in bullock threshed straw	V.volvaceae	Popularization of bullock threshed straw in Paddy straw mushroom cultivation by farm women	Homestead-	100 beds	10
Deogarh	2013-14	Rabi	Nursery management	High mortality of seedling improper nursery management	vegetable nursery management	Rabi seasonal vegetables	Popularization of vegetable nursery management	Rainfed	0.002	10
Deogarh	2013-14	Rabi	Value addition	Low income due to distress sale of watermelon	Value addition of water melon	Watermelon	Popularization of Value addition of water melon	Homestead-	100 kg	10

3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Deogarh	Value addition of Mahua											100 kg	350 bottles		10500		9000			1500	4950	3450	1.5
Deogarh	Paddy straw mushroom cultivation in bullock threshed straw											1.8kg/bed	1.4kg/bed	76	56			1.8	1.4	126	108		3.0
Deogarh	vegetable nursery (Tomato and cabbage) management											1450/3sq m 1330/3sq m	1960/3sqm 1640/3sqm	400380	450400		255215			325285	530420	290175	2.1.2.05
Deogarh	Value addition of water melon											100 kg	140 bottles	800	3100		4100			800	1800	1000	1.58

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Deogarh	Rice-Greengram	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries	1	10	
Deogarh	Rice	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Deogarh	Sunflower	Field days			
		Farmers Training	1	25	
		Media coverage	1	Mass	
		Training for extension functionaries			
Deogarh	Rice	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Mango	Field days			
		Farmers Training	1	25	
		Media coverage	1	Mass	
		Training for extension functionaries			
Deogarh	Sweet Orange	Field days			
		Farmers Training	1	25	
		Media coverage	1	Mass	
		Training for extension functionaries	1	10	
Deogarh	Cabbage	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Onion	Field days			
		Farmers Training	1	50	
		Media coverage	1	Mass	
		Training for extension functionaries			
Deogarh	Rice	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries	1	10	
Deogarh	Rice	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Watermelon	Field days			
		Farmers Training	1	25	
		Media coverage	1	Mass	
		Training for extension functionaries			

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Deogarh	Mango	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Mahua flower	Field days			
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Mushroom	Field days			
		Farmers Training	2	50	
		Media coverage			
		Training for extension functionaries			
Deogarh	HYV vegetable	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Water melon	Field days			
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries			

3.7 Details of FLD on crop hybrids : NIL

S. No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Deogarh	OUM-11-5 (Kamdev) for increasing productivity of kharif green gram in raifed uplands	Field day, Group meetings, group discussion,	Increasing in yield	To be adopted by the farmers

Deogarh	medium duration variety TTB-7 for increasing productivity of kharif pigeon pea in rainfed uplands	Field day, Group meetings, group discussion,	Testing the variety against traditional var	To be adopted by the farmers
Deogarh	productivity enhancement of rice-safflower system in medium- low land rice fallows	Group meetings, group discussion, Ex-trainee samelan	Crop intensification	To be adopted by the farmers
Deogarh	nitrogen management through lcc in aerobic rice in irrigated medium land	Field day, Group meetings, group discussion,	Nitrogen management in rice cropping	To be adopted by the farmers
Deogarh	low cost poly tunnel for seedling raising	Group meetings, group discussion	Off-season low cost poly tunnel	To be adopted by the farmers
Deogarh	yam bean variety Rajendra Mishri Kanda -1	Group meetings, group discussion	Introduction of new crop	To be adopted by the farmers
Deogarh	plastic mulch in watermelon	Group meetings	Increasing in yield	To be adopted by the farmers
Deogarh	vermicmpost in cauliflower	Group meetings	Bio-concept in farming	To be adopted by the farmers
Deogarh	IDM aganst phompsis blight in brinjal	, Ex-trainee samelan	Increasing in yield	To be adopted by the farmers
Deogarh	cultivation of mulberry silkworm in Deogarh district	Group meetings	Introduction of new crop	To be adopted by the farmers
Deogarh	IPM against fruit sucking moth in sweet orange	Group meetings	Management of fruit sucking moth	To be adopted by the farmers
Deogarh	IPM against fruit borer in litchi	Group meetings	Management of borer	To be adopted by the farmers
Deogarh	Drudgery of mahua seed decorticator by farm women	Group meetings, , Ex-trainee samelan	Reduction of drudgery of rural women	To be adopted by the farmers
Deogarh	Vitamin and mineral mixture in milk production of cow	Group meetings, group discussion	Increasing in productivity	To be adopted by the farmers
Deogarh	Chhabro poultry breed in backyard	Group meetings, group discussion	Better yield	To be adopted by the farmers
Deogarh	RDF 80:40:40 kg $NP_2O_5K_2O$ + optimum plant population at 20cm x 10 cm +$ZnSO_4$ 25 kg/ha to kharif rice var.pooja and RDF 20:40:20$NP_2O_5K_2O$ kg/ha, PMS 500 kg/ha	Group meetings, group discussion	Increasing in productivity	To be adopted by the farmers
Deogarh	60:80:60 $NP_2O_5K_2O$ kg/ha +PMS 500 kg/ha + borax 10 kg/ha + ZnSO4 5 kg/ha. Method of application: ½ N+ full P_2O_5,K_2O, PMS,Borax and Zn as basal,1/4 N at 25 DAS	Group meetings, group discussion	Increasing in productivity	To be adopted by the farmers

Deogarh	Sprouted seeds @ 2/hill were placed at conventional spacing of 25cmX25cm with other usual management practices as per SRI	Group meetings, group discussion	Increasing in productivity	To be adopted by the farmers
Deogarh	Use of ethrel for ripening of mango.	Group meetings, group discussion	Better quality	To be adopted by the farmers
Deogarh	Application of post-emergence weedicide in sweet orange	Group meetings, group discussion	Cost reduction and increase in productivity	To be adopted by the farmers
Deogarh	Use of biofertilizers in cabbage	Group meetings, group discussion	Cost reduction and increase in productivity	To be adopted by the farmers
Deogarh	Application of Pre-emergence weedicide in onion	Group meetings, group discussion	Cost reduction and increase in productivity	To be adopted by the farmers
Deogarh	Using bait rotten snail mixed with furadon granule (500 g/ha) and packed in a fresh cloth. This bait is placed in different corners of the rice field. The gandhi bugs are	Group meetings, group discussion	increase in productivity	To be adopted by the farmers
Deogarh	Seed treatment with Vitavax@ 2g/ 1kg seed and foliar application of streptocycline @ 1g/ 10 lit + COC 2g/ lit of water after the	Group meetings, group discussion	Cost reduction and increase in productivity	To be adopted by the farmers
Deogarh	Use of male annihilation(MAT) @ 10 blocks/ha using cue lure just below the level of crop leaf canopy when the fruits start to	Group meetings, group discussion	Bio-farming	To be adopted by the farmers
Deogarh	Application of copper oxychloride paste on the trunk of the tree and application of carbofuran-3G 5g/hole and plug with mud	Group meetings, group discussion	Cost reduction and increase in productivity	To be adopted by the farmers
Deogarh	Paddy straw mushroom cultivation in bullock threshed straw	Group meetings, group discussion	Increase in income	To be adopted by the farmers
Deogarh	vegetable nursery (Tomato and cabbage) management	Group meetings, group discussion	Food security of family	To be adopted by the farmers
Deogarh	Value addition of water melon	Group meetings, group discussion	Increase in income	To be adopted by the farmers

Name of KVK	**Feedback basic of OFT on Technology Tested**
Deogarh	• Women friendly drudgery reducing agricultural implements should be developed • Paddy straw mushroom cultivation in alternate substrate should be tested • Low- cost poly tunnels in the swampy areas should be developed for raising of seedlings and off-season vegetables • Vermi-compost dose per ha should be standardized for different types of soil and specific crops. • Lures against fruit sucking moth should be available for different fruits and sufficiently • More effective technology should be developed against fruit borer in litchi

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

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Deogarh	FW	Field visit, group meeting and discussion	12.04.2013Mohinipur, Kureibahal	35
Deogarh	FW	Field visit, group discussion ,SHG meeting	09.5.2013, Kailash, Bindipur	43
Deogarh	FW	Field visit, group discussion ,meeting with farm women	05.6.2013,Purunagarh	35
Deogarh	FW	Field visit, group meeting and PRA method	01.7.2013, Sadhupally, Dhauragoth	35
Deogarh	FW	Field visit, group discussion ,meeting with farm women	07.8.2013,Bangalimunda	41
Deogarh	FW	Field visit, group meeting PRA method	11.9.2013, Laxmipur	39
Deogarh	FW	Field visit, group discussion ,meeting	08.10.2013, Adyapur, Lalaposi	52
Deogarh	RY	Field visit, group discussion ,SHG SHG meeting	03.11 2013, Kandhal, Butiadihi	22
Deogarh	IS	group discussion	05.11.2013 , DDA office	35
Deogarh	IS	Visit, meeting and discussion with extension officers	05/12/2013,ICDS Tileibani	15
Deogarh	FW	Field visit, group meeting and ,SHG meeting	09.12.2013Jhatiposi, Chhepilipali	44
Deogarh	FW	Field visit, group discussion ,meeting with farm women	05.01.2014, Jareikala,	39
Deogarh	FW	Field visit, group discussion ,meeting with farm women	03.02.2014, Malehipada	35
Deogarh	FW	Field visit, group discussion ,SHG meeting	03.03.2014 Purunapani, Gurujang	37
Deogarh	FW	Field visit, group discussion ,SHG meeting, PRA method	05.10.2013 Kundheigola	38
Deogarh	FW	Field visit, group meeting and discussion	02.11.2013Landijhari, Akshyarasila	34
Deogarh	RY	Field visit, group discussion ,SHG SHG meeting	03.01. 2014, Poipani, Niktimal	24

Abbreviation Used

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

5. TRAINING PROGRAMMES

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

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Deogarh	FW	OFC	CP	Improved practices of spring maize cultivation	1	1					6	1	10	8
Deogarh	FW	OFC	CP	Crop diversification for profitable farming	1	1					1	2	14	3
Deogarh	FW	OFC	CP	SRI method of rice cultivation	1	1							25	
Deogarh	FW	OFC	CP	Integrated Nutrient Management in kharif rice	1	1					1	1	7	16
Deogarh	FW	OFC	CP	Improved practices of kharif pulse cultivation	1	1			2				23	
Deogarh	FW	OFC	CP	Advance crop production technique for rabi pulse	1	1			13				12	
Deogarh	FW	OFC	CP	Advance crop production technique for rice green gram cropping system	1	1			1				24	
Deogarh	FW	OFC	CP	Improved practices of rabi groundnut cultivation	1	1						1	7	17
Deogarh	FW	OFC	CP	Integrated nutrient management in sunflower	1	1							23	2
Deogarh	FW	OFC	CP	Improved practices of summer maize cultivation	1	1					4		20	1
Deogarh	FW	OFC	CP	Improved practices of rabi oil seed cultivation	1	1					10	3	9	3
Deogarh	FW	OFC	CP	Integrated Farming System	1	1					12	5	6	2
Deogarh	IS	ONC	CP	Production technologies for field crops	1	2							10	
Deogarh	FW	OFC	HOF	Post harvest management	1	1			1	1	6	10	6	1

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				of Mango										
Deogarh	FW	OFC	HOF	Integrated Weed management in Sweet orange orchards	1	1			1				19	5
Deogarh	FW	OFC	HOV	Off season vegetable cultivation	1	1					15	10		
Deogarh	FW	OFC	HOF	Introduction of horticulture based farming system	1	1							25	
Deogarh	FW	OFC	HOF	Cultural practices in Litchi orchard	1	1					3		16	6
Deogarh	FW	OFC	HOV	Cultural practices in Mango orchard	1	1			12				13	
Deogarh	FW	OFC	HOV	Fertilizer management in tomato	1	1			12	11			2	
Deogarh	FW	OFC	HOV	Fertilizer management of Cauliflower	1	1							25	
Deogarh	FW	OFC	HOV	Weed management of Onion	1	1					3		22	
Deogarh	FW	OFC	HOV	Nutrient management of cabbage	1	1					12	3	10	
Deogarh	FW	OFC	HOV	Nutrient management of water melon	1	1							25	
Deogarh	FW	OFC	HOV	Nursery raising off season Vegetables	1	1							25	
Deogarh	RY	OFC	RY	Nursery management of horticulture fruit crops	1	2					5		10	
Deogarh	IS	ONC	IS	Methodology for rejuvenation of old sweet orange orchards	1	2					2		7	1
Deogarh	FW	OFC	PLP	Technique of seed and soil treatment by pesticides and biocides	1	1					5		19	1
Deogarh	FW	OFC	PLP	Control of wilt disease in solanaceous vegetables	1	1					4		17	3

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Deogarh	FW	OFC	PLP	Control of phomopsis blight in kharif brinjal	1	1					16	9		
Deogarh	FW	OFC	PLP	Disease management in pulse like green gram and black gram	1	1					4	2	11	8
Deogarh	FW	OFC	PLP	Disease management in oilseed crop like ground nut, sesamun and mustard	1	1					3		14	8
Deogarh	FW	OFC	PLP	Control Bacterial Leaf Blight in rice	1	1			1	1			15	8
Deogarh	FW	OFC	PLP	Control of Gundhi bug in rice	1	1					1		20	4
Deogarh	FW	OFC	PLP	Control of pest and disease management in cole crops	1	1			13	11			1	
Deogarh	FW	OFC	PLP	IPM against thrips in chilli	1	1					1		16	8
Deogarh	FW	OFC	PLP	Control of fruit fly in watermelon	1	1							25	
Deogarh	FW	OFC	PLP	Control of fruit borer in litchi	1	1					2		18	5
Deogarh	FW	OFC	PLP	Control of stem borer in mango	1	1					3		22	
Deogarh	RY	OFC	PLP	Sericulture for income generation	1	2							15	
Deogarh	IS	ONC	PLP	Non-conventional method of pest control	1	2							10	
Deogarh	IS	ONC	CBD	Farm business management	1	2					1	3	6	
Deogarh	IS	ONC	CBD	Participatory rural appraisal for action plan development	1	2					3	1	6	
Deogarh	IS	ONC	CBD	ICT in agriculture	1	2						1	8	1
Deogarh	IS	ONC	CBD	Gender issues in agriculture	1	2				1	2	1	6	
Deogarh	RY	OFC	CBD	Agro- based enterprises for self-employment	1	2							13	2
Deogarh	RY	OFC	CBD	Integrated farming system	1	2					8	0	7	0

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Deogarh	RY	OFC	CBD	Agro- based enterprises for self-employment	1	2					2	1	10	2
Deogarh	RY	OFC	CBD	Different income generating activities for SHGs	1	2						10		05
Deogarh	FW	OFC	FIS	Composite Pisciculture	1	1							25	
Deogarh	FW	OFC	FIS	Feed management for scientific pisciculture	1	1					7		18	
Deogarh	FW	OFC	FIS	Disease management in pisciculture	1	1			8		4	5	8	
Deogarh	FW	OFC	WOE	Value addition of Mahua flower	1	1						21		4
Deogarh	FW	OFC	WOE	Value addition of Mango	1	1				4		17		5
Deogarh	FW	OFC	WOE	Preparation of low cost supplementary food for preschool children for reduction of malnutrition	1	1				5				20
Deogarh	FW	OFC	WOE	Planning layout of kitchen garden	1	1						20		5
Deogarh	FW	OFC	WOE	Paddy straw mushroom cultivation	1	1						25		
Deogarh	FW	OFC	WOE	Paddy straw mushroom cultivation	1	1				5				20
Deogarh	FW	OFC	WOE	Preparation and uses of vermi compost	1	1						19		6
Deogarh	RY	ONC	WOE	Cultivation practices of oyster mushroom	2	2				1		4		10
Deogarh	FW	OFC	WOE	Scientific method of nursery raising	1	1				2		17		6
Deogarh	IS	OFC	WOE	Dietary management for control of anaemia in pregnant women	2	2		3		2		3		2
Deogarh	FW	OFC	WOE	Cultivation of Oyster mushroom	1	1				1		11		13
Deogarh	FW	OFC	WOE	Cultivation practices of Oyster mushroom	1	1				13		2		10
Deogarh	FW	OFC	WOE	Value addition of tomato	1	1				8		17		

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Deogarh	FW	OFC	WOE	Value addition of watermelon	1	1						19		6
Deogarh	FW	OFC	LPM	Deworming of kids	`1	1				2		17		6
Deogarh	FW	OFC	LPM	Fodder cultivation	`1	1						20		5
Deogarh	RY	OFC	LPM	Rearing management of poultry	2	2						6		9

Table 5.2. Details of Vocational training programmes for Rural Youth conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Deogarh	Integrated Farming System	Cereals, Oil seed , Pulses Fruits, vegetable, Poultry, Pisciculture and other enterprises	Integrated Farming System	7							10	
Deogarh	Nursery management of different horticultural crops	Fruits, Flowers and vegetables	Nursery management	7			1		3		6	
Deogarh	Integrated pest and disease management in fruit crop	Fruits	Yield enhancement of mango, litchi and sweet orange through implementation of proper IPM strategy	7							10	
Deogarh	Income generation through value addition of fruits and vegetable	Fruits and vegetable	Income generation	7		2		2		2		4

Table 5.3. Details of training programme conducted for livelihood security in rural areas by the KVKs - NIL

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 - NIL

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

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

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

Table 5.6 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Deogarh	Improved practices of spring maize cultivation	25	23	54	24	32	24000	32000	1. Area expanded (ha):-26 2. No. of farmers adopted (no.): 15 3. % change in knowledge: 129.1 4. % change in production- 25 5. % change in Income - 25

Deogarh	Crop diversification for profitable farming	25	24.3	45.3					1. Area expanded (ha):-16 2. No. of farmers adopted (no.): 09 3. % change in knowledge:82.3 4. % change in production 5. % change in Income
Deogarh	SRI method of rice cultivation	25	35	51	37	57.3	16000	26000	1. Area expanded (ha):-112 2. No. of farmers adopted (no.): 21 3. % change in knowledge:83.2 4. % change in production:53.4 5. % change in Income:62.5
Deogarh	Integrated Nutrient Management in kharif rice	25	36	48	37	48	16000	22000	1. Area expanded (ha):- 243 2. No. of farmers adopted (no.): 24 3. % change in knowledge:33.3 4. % change in production:81.8 5. % change in Income:37.5
Deogarh	Improved practices of kharif pulse cultivation	25	35	68					1. Area expanded (ha):-23 2. No. of farmers adopted (no.): 18 3. % change in knowledge:94.2 4. % change in production 5. % change in Income
Deogarh	Advance crop production technique for rabi pulse	25	31.2	65.5					1. Area expanded (ha):-28 2. No. of farmers adopted (no.): 24 3. % change in knowledge:109.9 4. % change in production 5. % change in Income
Deogarh	Advance crop production technique for rice green gram cropping system	25	23.8	45.6					1. Area expanded (ha):- 32 2. No. of farmers adopted (no.): 18 3. % change in knowledge:29.1 4. % change in production 5. % change in Income
Deogarh	Improved practices of rabi groundnut cultivation	25	38	60	17	23	34000	46000	1. Area expanded (ha):-29 2. No. of farmers adopted (no.): 23 3. % change in knowledge:57.8 4. % change in production-35.29 5. % change in Income-35

Deogarh	Integrated nutrient management in sunflower	25	15	28					1. Area expanded (ha):-16 2. No. of farmers adopted (no.): 19 3. % change in knowledge:82.3 4. % change in production: 5. % change in Income:
Deogarh	Improved practices of summer maize cultivation	25	35	62					1. Area expanded (ha):-20 2. No. of farmers adopted (no.):16 3. % change in knowledge:77.1 4. % change in production 5. % change in Income
Deogarh	Improved practices of rabi oil seed cultivation	25	12	35					1. Area expanded (ha):-20 2. No. of farmers adopted (no.): 18 3. % change in knowledge:191.6 4. % change in production: 5. % change in Income:
Deogarh	Integrated Farming System	25	18	42					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 7 3. % change in knowledge:133.3 4. % change in production: 5. % change in Income:
Deogarh	Production technologies for field crops	10	48	75					1. Area expanded (ha):-15 2. No. of farmers adopted (no.): 07 3. % change in knowledge:56.2 4. % change in production 5. % change in Income
Deogarh	Post harvest management of Mango	25	24	36			1200	2100	1. Area expanded (ha):- 2. No. of farmers adopted (no.): 22 3. % change in knowledge:44 4. % change in production- 5. % change in Income-75
Deogarh	Integrated Weed management in Sweet orange orchards	25	33	46	180	249	126200	227300	1. Area expanded (ha):-14 2. No. of farmers adopted (no.): 17 3. % change in knowledge:43.1 4. % change in production-38.33 5. % change in Income-80.11

Deogarh	Off season vegetable cultivation	25	12	26		140		52000	1. Area expanded (ha):-8 2. No. of farmers adopted (no.): 12 3. % change in knowledge:116.6 4. % change in production 5. % change in Income
Deogarh	Introduction of horticulture based farming system	25	24	42					1. Area expanded (ha):-17 2. No. of farmers adopted (no.): 19 3. % change in knowledge:75 4. % change in production- 5. % change in Income-
Deogarh	Cultural practices in Litchi orchard	25	24	38					1. Area expanded (ha):- 18 2. No. of farmers adopted (no.): 19 3. % change in knowledge:58.3 4. % change in production- 5. % change in Income-
Deogarh	Cultural practices in Mango orchard	25	32	45.8					1. Area expanded (ha):-24 2. No. of farmers adopted (no.): 21 3. % change in knowledge:43.1 4. % change in production- 5. % change in Income-
Deogarh	Fertilizer management in tomato	25	22	43	272	346	101000	143900	1. Area expanded (ha):-34 2. No. of farmers adopted (no.): 21 3. % change in knowledge:95.4 4. % change in production-27 5. % change in Income-42.47
Deogarh	Fertilizer management of Cauliflower	25	21	39	225	298	50850	74700	1. Area expanded (ha):-38 2. No. of farmers adopted (no.): 22 3. % change in knowledge:85.7 4. % change in production-32 5. % change in Income-46.9
Deogarh	Weed management of Onion	25	12	29					1. Area expanded (ha):-22 2. No. of farmers adopted (no.): 24 3. % change in knowledge:141.6 4. % change in production- 5. % change in Income-

Deogarh	Nutrient management of cabbage	25	21	37	236	310	68650	96500	1. Area expanded (ha):-20 2. No. of farmers adopted (no.): 24 3. % change in knowledge:76.1 4. % change in production-31.35 5. % change in Income-40.56
Deogarh	Nutrient management of water melon	25	26	39	192	314	20300	45900	1. Area expanded (ha):24 2. No. of farmers adopted (no.):25 3. % change in knowledge:50 4. % change in production-63.54 5. % change in Income-126.1
Deogarh	Nursery raising off season Vegetables	25	23.5	42					1. Area expanded (ha):-21 2. No. of farmers adopted (no.):19 3. % change in knowledge:78.7 4. % change in production 5. % change in Income
Deogarh	Nursery management of horticulture fruit crops	15	12	36					1. Area expanded (ha):- 2. No. of farmers adopted (no.):2 3. % change in knowledge:200 4. % change in production 5. % change in Income
Deogarh	Methodology for rejuvenation of old sweet orange orchards	10	24	42					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 3. % change in knowledge:75 4. % change in production 5. % change in Income
Deogarh	Technique of seed and soil treatment by pesticides and biocides	25	26.8	49.6					1. Area expanded (ha):-37 2. No. of farmers adopted (no.): 17 3. % change in knowledge:85.07 4. % change in production 5. % change in Income
Deogarh	Control of wilt disease in solanaceous vegetables	25	37	51					1. Area expanded (ha):-68 2. No. of farmers adopted (no.): 23 3. % change in knowledge:37.83 4. % change in production 5. % change in Income

Deogarh	Control of phomopsis blight in kharif brinjal	25	31	58	206	296	103000	147000	1 Area expanded (ha):-38 2 No. of farmers adopted (no.): 14 3 % change in knowledge:87.09 4 % change in production:43.69 5 % change in Income:42.71
Deogarh	Disease management in pulse like green gram and black gram	25	34	49					1 Area expanded (ha):-39 2 No. of farmers adopted (no.): 15 3 % change in knowledge:47.05 4 % change in production: 5 % change in Income
Deogarh	Disease management in oilseed crop like ground nut, sesamun and mustard	25	31	57					1 Area expanded (ha):-33 2 No. of farmers adopted (no.): 12 3 % change in knowledge:83.87 4 % change in production: 5 % change in Income
Deogarh	Control Bacterial Leaf Blight in rice	25	34	61	32.2	45.8	32200	54960	1. Area expanded (ha):-48 2. No. of farmers adopted (no.): 12 3. % change in knowledge:73.52 4. % change in production:42.24 5. % change in Income:70.68
Deogarh	Control of Gundhi bug in rice	25	29	53	28.6	42.8	28600	51360	1. Area expanded (ha):-27 2. No. of farmers adopted (no.):13 3. % change in knowledge:82.75 4. % change in production:49.65 5. % change in Income:79.58
Deogarh	Control of pest and disease management in cole crops	25	32	49					1. Area expanded (ha):-30 2. No. of farmers adopted (no.): 17 3. % change in knowledge:53.12 4. % change in production 5. % change in Income
Deogarh	IPM against thrips in chilli	25	47	72					1. Area expanded (ha):-63 2. No. of farmers adopted (no.): 14 3. % change in knowledge:59.52 4. % change in production: 5. % change in Income

Deogarh	Control of fruit fly in watermelon	25	39	64	204	298	61200	89400	1. Area expanded (ha):-79 2. No. of farmers adopted (no.): 19 3. % change in knowledge:64.10 4. % change in production:46.08 5. % change in Income:46.07
Deogarh	Control of fruit borer in litchi	25	27	56					1. Area expanded (ha):-78 2. No. of farmers adopted (no.): 13 3. % change in knowledge:107.40 4. % change in production 5. % change in Income
Deogarh	Control of stem borer in mango	25	37	58					1 Area expanded (ha):-45 2 No. of farmers adopted (no.): 10 3 % change in knowledge:56.75 4 % change in production 5 % change in Income
Deogarh	Sericulture for income generation	15	25	47					1 Area expanded (ha):-12 2 No. of farmers adopted (no.): 04 3 % change in knowledge:88 4 % change in production 5 % change in Income
Deogarh	Non-conventional method of pest control	10	43	71					1. Area expanded (ha):- 31 2. No. of farmers adopted (no.): 14 3. % change in knowledge65.11 4. % change in production 5. % change in Income
Deogarh	Farm business management	10	25.4	46.3					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 3. % change in knowledge:42.3 4. % change in production 5. % change in Income
Deogarh	Participatory rural appraisal for action plan development	10	33.1	65.6					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 3. % change in knowledge:30.2 4. % change in production 5. % change in Income

Deogarh	ICT in agriculture	10	21.4	48.5					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 00 3. % change in knowledge:32.4 4. % change in production 5. % change in Income
Deogarh	Gender issues in agriculture	10	23.5	43.2					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 3. % change in knowledge:43.7 4. % change in production 5. % change in Income
Deogarh	Agro- based enterprises for self-employment	15	31.2	65.5					1. Area expanded (ha):- 23 2. No. of farmers adopted (no.): 8 3. % change in knowledge:26 4. % change in production 5. % change in Income:22
Deogarh	Integrated farming system	15	41.5	73.2					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 05 3. % change in knowledge:29.0 4. % change in production 5. % change in Income:54.4
Deogarh	Agro- based enterprises for self-employment	15	32.6	78.1					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 8 3. % change in knowledge:43.2 4. % change in production 5. % change in Income:47.5
Deogarh	Different income generating activities for SHGs	15	25.4	46.3					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 42 3. % change in knowledge:32.3 4. % change in production 5. % change in Income:27.7
Deogarh	Composite Pisciculture	25	33.1	65.6	6.5	6.6	2500	2760	1. Area expanded (ha):- 4.8 2. No. of farmers adopted (no.): 13 3. % change in knowledge:56.3 4. % change in production:16.9 5. % change in Income:10.5

Deogarh	Feed management for scientific pisciculture	25	21.4	48.5	6.7	7.5	2500	3000	1. Area expanded (ha):- 4.3 2. No. of farmers adopted (no.): 16 3. % change in knowledge:34.6 4. % change in production:12.5 5. % change in Income:20.0
Deogarh	Disease management in pisciculture	25	23.5	43.2	6.5	7.5	2500	2900	1. Area expanded (ha):-4.0 2. No. of farmers adopted (no.): 20 3. % change in knowledge:22.5 4. % change in production:17.6 5. % change in Income:15.8
Deogarh	Value addition of mahua flower	25	32.6	78.1					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 12 3. % change in knowledge:139.6 4. % change in production 5. % change in Income
Deogarh	Value addition of mango	25	24.8	45.6					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 04 3. % change in knowledge:83.9 4. % change in production 5. % change in Income
Deogarh	Preparation of low cost supplementary food for pre school children for reduction of malnutrition.	25	28.6	47.3					1 Area expanded (ha):- 2 No. of farmers adopted (no.): 5 3 % change in knowledge:46.70 4 % change in production 5 % change in Income
Deogarh	Planning and layout of kitchen garden	25	27.5	39.6					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 0 3. % change in knowledge:26.0 4. % change in production 5. % change in Income
Deogarh	Paddy straw mushroom cultivation	25	27.8	32.1					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 0 3. % change in knowledge:62.0 4. % change in production 5. % change in Income

Deogarh	Paddy straw mushroom cultivation	25	29.6	45.8					1. Area expanded (ha):-0 2. No. of farmers adopted (no.): 0 3. % change in knowledge:35.5 4. % change in production 5. % change in Income
Deogarh	Preparation and uses of vermi compost	25	25.6	36.6					1. Area expanded (ha):-0 2. No. of farmers adopted (no.): 0 3. % change in knowledge:32.5 4. % change in production 5. % change in Income
Deogarh	Cultivation of oyster mushroom for income generation	15	34.5	20.5					1. Area expanded (ha):-12 2. No. of farmers adopted (no.):15 3. % change in knowledge:42.1 4. % change in production 5. % change in Income
Deogarh	Scientific method of nursery raising	25	26.8	55.5					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 17 3. % change in knowledge:85.7 4. % change in production 5. % change in Income-35.4
Deogarh	Dietary management for control of anemia in pregnant women	10	44.7	79.7					1. Area expanded (ha): 2. No. of farmers adopted (no.): 3. % change in knowledge:-47.9 4. % change in production : 5. % change in Income-13.9
Deogarh	Oyster mushroom cultivation	25	25	61.7					1. Area expanded (ha) 2. No. of farmers adopted (no.): 17 3. % change in knowledge:58.2 4. % change in production 5. % change in Income:34.5
Deogarh	Oyster mushroom cultivation	25	27.5	61.7					1. Area expanded (ha) 2. No. of farmers adopted (no.): 16 3. % change in knowledge:61. 8 4. % change in production 5. % change in Income:36.5

Deogarh	Value addition of tomato	25	15.5	57.4					1. Area expanded (ha):- 2. No. of farmers adopted (no.):1 5 3. % change in knowledge:61.6 4. % change in production-32.3 5. % change in Income-25.8
Deogarh	Value addition of tomato	25	15.5	57.4					1. Area expanded (ha):- 2. No. of farmers adopted (no.):1 7 3. % change in knowledge:61.5 4. % change in production-32.5 5. % change in Income-25.5
Deogarh	Deworming of kids	25	17.5	47.8					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 15 3. % change in knowledge:66.4 4. % change in production-24.8 5. % change in Income24.3
Deogarh	Fodder cultivation	25	26.8	53.6					1. Area expanded (ha):-3 2. No. of farmers adopted (no.): 11 3. % change in knowledge:37.8 4. % change in production-16’7 5. % change in Income-25.7
Deogarh	Rearing management of poultry	15	18.5	43.9					1. Area expanded (ha):- 2. No. of farmers adopted (no.): 10 3. % change in knowledge:50.3 4. % change in production -21.7 5. % change in Income29,6

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Deogarh	Field Day	4	4	72	28	32	18	10	0	Field days	varietal evaluation, INM Plant protection	Harvesting
Deogarh	Kisan Mela	1	2	20	9	117	62	11	1	Awareness	Govt. programmes and schemes	-
Deogarh	Kisan Ghosthi	1	1	12	6	10	2	4	0	mushroom cultivation	Year round mushroom cultivation	
Deogarh	Exhibition	2	4							showing latest technologies		
Deogarh	Film Show	25	36	235	56	311	178	110	22	44 CD shows	Agriculture and allied subjects	All stages
Deogarh	Method Demonstrations	2	2	34	12	0	14	3	0	Mahua decorticator	Use of agricultural implements	Post-Harvest of mohua
Deogarh	Farmers Seminar	1	1	50	0	0	0	4	0	Potato cultivation	Potato cultivation	Vegetative stage
Deogarh	Workshop	1	2	40	6	0	0	5	1			
Deogarh	Group meetings	12	20	67	13	165	75	47	10	Discussion	Management practices	All stages
Deogarh	Lectures delivered as resource persons	12	23	458	134	120	183	114	08	Discussion on latest technologies	Management practices	All stages
Deogarh	Newspaper coverage	1	1							Exhibition, farmer scientist interaction		
Deogarh	Radio talks	1	1							Watermelon cultivation		
Deogarh	TV talks	1	1							horticulture crops		
Deogarh	Popular articles	2	4								Women empowerment	

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	4	4								Oilseeds, pulses, value addition	
Deogarh	Farm advisory Services	24	30	45	11	30	09	64	8	Awareness	Agriculture and allied subjects	
Deogarh	Scientific visit to farmers field	60	74	83	21	200	23	22	3	Problems in farmer's field		All stages
Deogarh	Farmers visit to KVK	180	472	156	38	210	68			Agriculture and allied subjects		All stages
Deogarh	Diagnostic visits	24	34	24	9	57	10	8	2	Problems in farmer's field		All stages
Deogarh	Exposure visits	1	3	22	4	30	5			Visit to OUAT and ICAR institutions		
Deogarh	Ex-trainees Sammelan	4	4	60	20	20	40	4	0	Assessment of knowledge		
Deogarh	Soil health Camp	1	1	20		10		1	0	Awareness programme on soil testing		
Deogarh	Animal Health Camp	1	1	08	0	32	10	3	0	Animal health check		
Deogarh	Agri mobile clinic	0	0	00	0	0	0	0	0			
Deogarh	Soil test campaigns	2	2	12	6	40	2	5	0	Awareness		
Deogarh	Farm Science Club conveners meet	4	6	30	8	50	38	18	0	Awareness		
Deogarh	Self Help Group conveners meetings	1	1	0	8	0	42	0	4	Awareness		
Deogarh	Mahila Mandals conveners meetings	0	0	0	0	0	0	0	0			
Deogarh	Celebration of important days	3	2	28	15	7	50	8	0	Awareness		

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

7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Deogarh	01/04/2013	Quarterly	2800	2800

7.2 Literature developed/published

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

7.3 Details of Electronic Media Produced

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

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Deogarh	Oilseeds	Niger	Utkal Niger-150	1.2	8400.00		
Deogarh	Green Manure	Dhanicha	Local	0.6	3000.00		
Deogarh	Vegetable	Tomato	Utkal Raja	0.02	300.00	13	
Deogarh	Mushroom Spawn	Mushroom	Paddy straw and oyster	600 bottles	6600.00	52	

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Deogarh	Fruit	Mango	Amrapalli, Langera	360	7020	23	3.6
Deogarh	Vegetable	Tomato	Utkal Raja	7800	2730	32	1
Deogarh	Vegetable	Cabbage	Disha	12200	6100	52	1.5
Deogarh	Vegetable	Cauliflower	Megha	14650	11800	67	2
Deogarh	Vegetable	Brinjal	Tarini	14500	7250	72	2
Deogarh	Vegetable	Chilli	Shyam Hot	1500	750	21	0.4

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) * Name of product should follow same pattern and spelled correct

KVK Name	Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Deogarh	Bio Agents	Verms	6.3		3400	7	
	Bio Agents						
	Bio Fertilizer	Vermi compost	520		5200	15	
	Bio Fertilizer						

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre)	Value (Rs.)	No. of Beneficiaries
Deogarh	Poultry Bird	Chhabro	21 days old Chicks	130 Nos.	7150	13

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

9.1 Details of soil samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
		`						

9.2 Details of water samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Water report distributed to the farmers (Nos)
		`						

10. Rainwater Harvesting : Not functioning

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

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

11. Utilization of Farmers Hostel facilities - Non availability of water, furniture's & fixtures

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)	Accommodation available (No. of beds)
DEogarh								

12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Deogarh	2012	-	Nil	6	Non availability of water

13. **Details of SAC Meeting**

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Deogarh	**14.08.2013**	**17**	1. Refinement of the brown manuring programme is to be taken observing the pre and post health status and counting the number of nodules. 2. While designing the OFTs on INM the pre and post soil status must be recorded. 3. Seed production of onion should be tested in the district 4. FLD on sericulture should be on silk worm rearing not mulberry. 5. The toxicity effect of parad tablets must be tested or help of DWA be taken before going for the programme on safe storage of food grains by parad tablet. 6. The substrate for oyster mushroom cultivation needs no more testing as tested earlier 7. Chhabro breed of poultry should be tested against Banaraja. 8. AHO, Deogarh suggested that SMS (Hort) may take observations from the sweet orange mother nursery established in Deogarh farm. 9. DDA, Deogarh suggested that demonstrations on weed management in pulse and oilseed should be conducted by KVK. 10. Two field days must be organised for each FLD. 11. Export oriented non-basumati rice should be popularized. 12. Kharif tomato FLDs be taken giving emphasis on management practices only **13.** Quality FYM production trainings be conducted

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

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
Deogarh	57	**Farmers** 1008	**Ext. Pers.** **15**	Pacific Technology, Nagpur Farmers Portal	➢ Variety selection of field crops, vegetable and fruit crops ➢ Seed treatment ➢ Green manuring ➢ SRI method of rice cultivation ➢ Self-employment through agro-based vocations ➢ Plant protection ➢ INM modules of crops ➢ Kharif vegetables ➢ Mushroom cultivation ➢ Sunflower cultivation

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	15,000.00	farm information	Deogarh district	Activities under progress
Deogarh	MNREGA					
Deogarh	NHM					
Deogarh	RKVY	Centre-state	5,25,000.00	Farmers hostel furnishing, 1ha. Drip irrigation and 1 ha. Sprinkler irrigation	KVK Deogarh	Activities under progress
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	78987.00	146431.00	96431.00

17. Awards & Recognitions

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

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent

S .No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent ? (ZPD/DES/any other, pl. sp.)
1	Deogarh	Yes	ZPD and Dean Extension Education, OUAT, Bhubaneswar

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
KVK, Deogarh	Crop Cafeteria	Oilseed(Niger), maize(hybrid and sweet corn), dhanicha, papaya, banana, sweet potato, Water melon, yam, vegetable nursery, nutritional garden
	Technology Desk	-
	Visitors Gallery	-
	Technology Exhibition	Agriculture machineries
	Technology Gate-Valve	-

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1.	Demonstration of various maize, niger, dhanicha, papaya, banana, sweet potato, yam, Water melon	1

19. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Deogarh	Peter Minj	Groundnut-G*angei* intercropping	Bangalimunda, Tileibani, Deogarh, 8018742650
2	Deogarh	Ananda Garnaik	Mango variety, Ananda sagar	Kureibahal, Deogarh, 9438679189
3	Deogarh	Bhubaneswar Pradhan	Improved iron plough	Kandhal, Deogarh, 9668398067
4	Deogarh	Juli Sahu	Herbal tea	Kandhal, Deogarh, 7809843995
5	Deogarh	Bishnu Prasad Biswal	Polypot watermelon nursery	Suguda, Deogarh, 9583247287

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers participated
1	28.01.2014	108

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
KVK, Deogarh	3	3	9	25

Intensive- OFTs, FLDs etc
Extensive- Literatures, Publications, Awareness programmes etc.

22. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt
1	Spring Maize	12 ha	2	Contg.

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	Keonjhar	Manpower (SMS (Soil science)), inputs(Rice seeds, medicinal saplings)	Sharing of man power among the ring partners
2	Sunderagarh	Manpower (SMS (Agronomy), inputs(saplings), joint organization of seminar, Exhibition, agroclimatic data	Sharing of man power among the ring partners

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Deogarh	Sj. Sanjeeb Kumar Pradhan, MLA, Deogarh	29.01.2013			Visiting exhibition during tech week celebration	
Deogarh	Mrs. S. Behera, Prsident, Zilla Parisad	29.01.2013			Visiting exhibition during tech week celebration	
Deogarh	Sj. S.S. Nayak (IAS), Collector and DM, Deogarh	29.01.2013			Visiting exhibition during tech week celebration	
Deogarh	Prof. R.K.Raj, JD, DEE, OUAT, Bhubaneswar	28.01.2014 14.08.2013		Inauguration of Kissan mela and SAC meeting		
Deogarh	Prof. L.M. Garnayak, Chief Scientist, Farming System, OUAT, Bhubaneswar	28.01.2014		Attending Farmers Scientist interaction		
Deogarh	Dr. Jayraj Padhy, Sr. Scientist, AICRP on Honeybeee, OUAT, Bhubaneswar	28.01.2014		Attending Farmers Scientist interaction		
Deogarh	Dr. N. C. Behura, Assoc. Prof.	28.01.2014		Attending Farmers		

	O.V.C. OUAT, Bhubaneswar			Scientist interaction		
Deogarh	Dr. A. P. Dwivedy, Sr. Scientist, ZPD-VII, Jabalpur, M.P.	07.09.2013	Monitoring of KVK activities			
Deogarh	Sj. B K Sar and T. Sahu, DDA, Deogarh	14.08.2013, 21.10.2013, 05.01.2014, 11.02.2014			Discussion on implementation of various programmes	
Deogarh	Sj. R.C.Sahu, AGM, NABARD, Sambalpur	14.08.2013, 11.11.2013, 20.02.2014			Discussion on enlightment to farmers clubs	
Deogarh	Sj. B.K.Rath , LDM, Deogarh	14.08.2013, 11.11.2013, 20.02.2014			Credit linkage to SHGS and innovative farmers	
Deogarh	Dr. B. Dash, CDVO, Deogarh	10.09.2013, 28.01.2014			Discussion on implementation of various programmes	

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Deogarh	15.04.2011	4	-

26. E-CONNECTIVITY : N.A.

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No. of lectors organized by KVK	Brief achievements	Remarks
	Date	No. of Staff attended	No. of call received from Hub	No. of Call mate to Hub by KVK			
Deogarh							

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	Deogarh	Nil	Nil	-

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1	Deogarh	Nil	Nil	-

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
			0	
	Total		0	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Deogarh	0	0

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Deogarh	Dr.K.C.Barik	Programme Coordinator	1	-
Deogarh	Sri S. K. Sahoo	Subject Matter Specialist (Hort.)	1	-
Deogarh	Dr. S.K.Nath	Subject Matter Specialist (Agril. Extension)	1	-
Deogarh	Smt Anita Patro	Subject Matter Specialist (Home Science)	2	-
Deogarh	Sri Laba Soren	Subject Matter Specialist (Plant Protection)	1	-
Deogarh	Sri Nihar Ranjan Baral	P.A.(Comp)	1	-

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Deogarh	**6**	**7**

31. Attended HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks
Deogarh	Dr.K.C.Barik	Programme Coordinator	2	

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Deogarh	1	2

32. Agri alert report (Epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)

Name of KVK	Alert observed	Particulars	Reported to organization

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Deogarh	Kissan mela	1	105	Rabi crops
Deogarh	Exhibition	1	mass	
Deogarh	Seed treatment campaign	1	50	Rabi crops
Deogarh	Plant diagnostic camp	1	50	Rabi crops
Deogarh	SHG meet	1	50	
Deogarh	Animal Health camp	1	50	Goats
Deogarh	Exhibition on farm women	1	mass	Oyster mushroom and women friendly implements

34. INTERVENTIONS ON DROUGHT MITIGATION: NA

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No. of participants

Animal health camps organized

Name of KVK	Number of camps	No.of animals	No.of farmers

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				

Bio-control Agents

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

Bio-Fertilizer

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

Verms Produced

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

Large scale adoption of resource conservation technologies

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

Awareness campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers

35. Proposal of NICRA – Not Applicable

1. **Technologies to be Demonstrated**

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted

2. **Proposed Extension Activities in NICRA Village**

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

3. **Proposed Training Activities in NICRA Village**

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

4. **Proposed Activities for Fodder Bank**

Established (Years)	Capacity	Current Status

5. **Proposed Activities for Seed Bank**

Established (Years)	Capacity	Current Status

6. **Public Representative/District Administration Visited in NICRA Village**

Name of Representative/Officer	Designation	Date of Visit	Any Special Remark by Visitors

7. **Feedback of Farmers for future improvement, if any.**
   - Assured irrigation
   - Timely seed supply by govt agencies
   - Low cost labour saving agricultural implements
   - Cold storage and assured marketing facilty from Government

36. Proposed works under NAIP (in NAIP monitoring format) : NA

37. Case study / Success Story to be developed – Two best only in the following format

Name of the KVK, **TITLE, Introduction,** KVK intervention, Output, Outcome, Impact

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Deogarh	1	1

Success story of a small vegetable grower

Introduction

Raghava Ch. Sahoo is a 35 years old youth of Niktimal village of Tileibani block of Deogarh district. A certificate of passing +2 examination gave him nothing except desperation. He did not find a job anywhere. His parental assets were not as much to enable him to lead a prestigious living. From the 5 acres of upland, leaving 3 acres in Rice cultivation, hardly he was harvesting a quintal of greengram from the rest.

KVK Intervention

Two years ago he got an opportunity to attend a KVK sponsored training programme on crop diversification in upland situation. Later on, he discussed with the KVK scientists who showed the way for best utilisation of the uplands throughout the year with all scientific cultivation practices. KVK facilitated him to have a subsidised bore well. He became beneficiary of their OFT, FLD on kharif brinjal, INM in tomato and cauliflower like off-season vegetables and IPM practices.

Output

Now Mr Sahoo is earning a net income of Rs. 1,15,000.00 annually in place of Rs.20,000.00 only. Within these two years, he has purchased a colour TV and a cell phone. Very recently, he has bought a bike. Now, he is in an independent profession and he has a good earning as well.

Outcome

His poly house and vermin-compost tank which are under construction now will bring more success in his endeavour. Hon'ble Governor of Odisha recently felicitated him as a progressive farmer of the state on the eve of foundation ceremony of Orissa University of Agriculture and Technology.

Impact

Seeing his success, more number of youths of Niktimal village are now interested for off-season vegetable cultivation. Four borewells in the same scheme have already been dug for the same purpose. Farmers of Niktimal as well as neighbouring Khandadhuan, Kalamati, Suguda are now coming to KVK to collect the know-hows and follow the way of Mr. Sahoo.

PHOTOGRAPHS

		
Low cost Polyhouse	**Spraying of boron in Tomato**	**Harvested tomatoes**
		
Off season Cauliflower	**Quality Curds**	**Cost reduction in Brinjal cultivation**

Mushroom cultivation: A profitable enterprise for rural women

Introduction

Smt. Gitanjali Sahu, W/o Suresh Sahu is a middle aged women entrepreneur of Kandhal village. Her village belongs to Barkote Block, 15 km away from Deogarh town. Four years back she was rearing two nos. of desi cows and assisted her husband in farming. In spite of maximum involvement in agriculture activities she could not generate sizable income and manages her family of four with lots of difficulties.

Intervention

Once she came across a vocational training of Krishi Vigyan Kendra, Deogarh designed for farmers and farm women. Training was given there on mushroom cultivation. She availed the skill of all the steps of mushroom cultivation i.e, soaking and sterilization of straw, preparation of mushroom bed, identification of quality spwan, watering and plucking techniques and preparation of different processed products like mushroom pickles, mushroom badi, mushroom sauce etc, packing and marketing of the products. KVK Deogarh has recognized her potential and listed as a beneficiary of FLD on paddy straw mushroom cultivation.

Output

After being trained by KVK and included in the FLD programmes, Smt. Gitanjali Sahu has started to cultivate mushroom in a small mushroom unit initially with investment of Rs 2,000. KVK scientists paid regular visits to her mushroom unit. She earned Rs 15,000 from mushroom cultivation. She also started to prepare value added products from mushroom like pickle, sauce, badi, chutney. People rushed to her home to purchase mushroom and value added products. In the next season, she prepared herself to cultivate oyster mushroom. She got all the support from the KVK office in this regard. Last year she cultivated mushroom round the year. She received a loan of Rs. 30,000 from Central Bank, Kandhal to develop the unit. Her monthly income is now more than three thousand from this mushroom unit only.

Outcome

Now she is not only employed in her mushroom unit but also has given additional employment to her husband. His college going son is also helping her in this regard. She is now a master trainer of mushroom cultivation for other rural women of her village. Farmers of nearby villages appreciated her efforts and are interested to adopt this enterprise for income generation. She is the only mushroom entrepreneur in their local market.

Impact

Her success story on mushroom cultivation came beyond his village boundary. The Barkote block BDO, Central team of OLM, Chief executive of DSMS, Deogarh has visited her unit and appreciated her will power. Her success was also covered by the local electronics media. Two more women SHGs have started following her path for cultivating mushroom commercially.

PHOTOGRAPHS

		
Busy in preparation	**Paddy straw mushroom**	**Oyster Mushroom unit**
		
Preparation of Mushroom pickles	**Preparation of value added products**	**Ready for marketing**

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

		
LCC application in aerobic rice	**Performance of pigeon pea var.-TTB-7**	**Control of phomopsis blight in brinjal**
		
Vermi-compost in Cauliflower	**Mulching in Watermelon**	**Drudgery in Mahua seed decorticator**