ANNUAL PROGRESS REPORT

April 2015 to March 2016

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. **Grey 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 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 2015 to March 2016

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2015-16

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	**On Farm Testing**			
	Proposed OFT	**11**	64	
	On Going OFT	**1**	4	
	Technologies assessed (Completed OFT)	**9**	72	
	Technologies refined			
	On farm trials conducted	**10**	76	
2	**Frontline demonstrations**			
	Proposed Frontline demonstrations	16	160	
	On Going Frontline demonstrations	3	30	
	FLDs conducted on crops	12	120	
	Area under crops (ha.)	11.6		
	FLD on farm implement and tools	-	-	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	1	10	
	FLD on Fisheries - Finger lings			
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	-	-	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	3	30	
3	**Training programmes**	**No. of Course**	**Duration (days)**	**Participants**
	Farmers	42	64	1050
	Farm women	13	14	325
	Rural youth	05	10	75
	Extension personnel/ In service	07	14	70
	Vocational trainings	03	21	30
	Sponsored Training	-	-	-
	Total	70	123	1550
		No. of programmes	**Participants**	
4	**Extension Programmes**	654	6248	
5	**Production of technology inputs etc**	**Qty**	**Beneficiaries (nos.)**	
	Seed (qt.)	2.48		
	Planting material produced (nos.)	37903		
6	**Livestock**	**Qty**	**Beneficiaries (nos.)**	
	Livestock strains (Nos)			
	Milk Yield - Cow, Buffelo etc. (in liter)			
	Fish (Kg.)			
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			
	Ducks (nos.)			
	Chicks etc. (nos.)	602		
7	**Bio Products**	**Qty**	**Beneficiaries (nos.)**	

	Bio Agents -Earth worm (Kg.)	0.6 kg		
	Trichoderma (kg.)			
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	**200**		
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)			
8	**Any other significant achievement in the Zone**	**Nos.**	**Participants/ beneficiaries**	
	Award (Best KVK award and scientist and farmer's award)	1	1	
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	7		
	KVK News letter	2		
	SAC Meetings conducted	2		
	Soil sample tested	305	1500	
	Water sample tested	-		
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	-		
	KVK-KMA (Message and beneficiaries)	41	11200	
	Convergence programmes	1		
	Sponsored programmes	-		
	KVK Progressive Farmers interaction	1		
	No. of Technology Week Celebrations	1		
	Attended HRD activities organized by ZPD	3		
	Attended HRD activities organized by DES	4		
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	3		
9	Current status of Revolving Funds (Amt. in Rs.)	Rs. 1, 00, 000.00 return to Dean Extension Education Rs. 50, 000 vide Ch No. 755424 dt. 22/08/2015 and Rs. 50, 000 vide Ch No.755435 dt22./03/2016		
10		**No. of blocks**	**No. of villages**	
	Outreach of KVK in the District	3	38	
11		**ICAR**	**SAU**	**Others**
	No. of important visitors to KVK (nos.)		2	5
12		**Working (Yes/No)**	**No. of Update**	
	Status of KVK Website	Yes	4	
13		**Application received**	**Application disposed**	
	Status of RTI (nos.)	-	-	
14		**Query received**	**Query dissolved**	
	Citizen Charter (nos.)	-	-	
15		**Working (Yes/No)**	**No. of programme viewed**	
	E-connectivity	-	-	
16		**Filled**	**Vacant**	
	Staff Position	9	7	
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	-		
18	Publication received from ICAR /other organization (nos.)	-		
19		**Particulars**	**Organization**	
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	-	-	

GENERAL INFORMATION

1.1. Staff Position (as on date31.03.2016)

Summary of Staff position in KVKs on March, 2016

Name of KVK	Sanctioned Posts	SSH(1)		Scientist (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Deogarh	16	1	-	6	2	3	2	6	5	16	9

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	Senior Scientist & Head	Vacant								
Deogarh	Scientist1	Dr. Sukanta Kumar Sahoo	Horticulture	M.sc. (Hort.)	Horticulture	15600 – 39100 AGP-6000	22,220	19.07.2006	Permanent	Others
Deogarh	Scientist 2	Sri Laba Soren	Plant Pathology	M.sc. (Ag.)	Plant Pathology	15600 – 39100 GP-6000	19,810	24.12.2009	Permanent	ST
Deogarh	Scientist 3	Vacant								
Deogarh	Scientist 4	Vacant								
Deogarh	Scientist 5	Vacant								
Deogarh	Scientist 6	Vacant								
Deogarh	Programme Assistant	Sri Chinmaya Mishra	Soil Sc.	M.sc. (Ag.)	Soil Sc.	9300 – 39100 AGP-4200	9,300	28.12.2015	Permanent	General
Deogarh	Farm Manager	Vacant								
Deogarh	Computer Programmer	Sri Biswajit Pradhan	Computer	MCA	Computer	9300 – 39100 AGP-4200	13,980	21.07.2014	Permanent	OBC
Deogarh	Accountant / superintendent	Vacant								
Deogarh	Stenographer	Sri Benudhar Moharana		B.A.		5200-20200 GP- 2400	7,560	11.10.2006	Contractual	Others
Deogarh	Driver	Sri Akrura Mohapatra		10th		5200-20200 GP- 1900	6,860	29.07.2008	Contractual	Others
Deogarh	Driver	Sri Gopinath Kuanr		10th		5200-20200 GP- 1900	5,200		Contractual	Others
Deogarh	Supporting staff	Sri Dwija Behera		9th		4440-7440 GP- 1300	5,750	31.07.2008	Contractual	Others
Deogarh	Supporting staff	Sri Raghu Senapati		6th		4440-7440 GP- 1300	5,750	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	66,800 ha
No. of Villages	774	Male:Female ratio	1000 : 976	Temperature	Max mean: 32.7^0C Min mean : 19.25^0 C	Cropping intensity	189

Land utilization:

Sl. No.	Name of the Block	Cultivated Area				Paddy Area			
		High	Medium	Low	Total	High	Medium	Low	Total
1.	Tileibani	12,219	5,718	3,863	21,800	4,419	5,474	3,863	13,756
2.	Barkote	10,708	6,510	3,582	20,800	1,408	6,079	3,582	11,079
3.	Reamal	11,429	8,721	4,050	24,200	1,729	8,396	4,050	14,175
	TOTAL	34,356	20,949	11,495	66,800	7,556	19,949	11,495	39,000

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Deogarh	Bangalimunda	2013	Tileibani	46	210	33
Deogarh	Sadhupalli	2014	Reamal	32	870	137
Deogarh	Akshyarapat	2014	Barkote	45	339	114
Deogarh	Tasarda	2015	Tileibani	48	326	58
Deogarh	Nirgundipalli	2015	Reamal	52	385	85

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

KVK Name	THRUST AREA
Deogarh	Production of quality seed and planting materials in different major crops of the district.
Deogarh	Rejuvenation of existing orchards
Deogarh	Management of Acid soil for higher productivity
Deogarh	INM in different crops
Deogarh	Yield enhancement of cereals, pulses, oilseeds, fruit & vegetable crops through implementation of proper IPM strategies
Deogarh	Water management & soil-water conservation
Deogarh	Farm mechanization
Deogarh	Better & efficient utilization of forest produce for income generation of rural poor
Deogarh	Agro based income generation activities to rural youths and farm women
Deogarh	Organization of farmers clubs/associations in the district
Deogarh	Drudgery reduction of farm women
Deogarh	Food and nutritional security
Deogarh	Poultry, duckery, goatery and dairy farming

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Deogarh	65% of the soil is acidic	Secondary data collection, meeting and soil testing	Villages – Kailash, Kalchipada Adyapur, Butiadiha and Sadhupalii and Blocks – Tileibani, Barkote and Reamal
Deogarh	70% of the area is rainfed	Group discussion, secondary data collection	Villages – Kailash, Kalchipada Adyapur, Butiadiha and Sadhupalii 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, Kalchipada Adyapur, Butiadiha and Sadhupalii and Blocks – Tileibani, Barkote and Reamal
Deogarh	Lack of adoption of off-season vegetables	PRA, Group discussion, meeting, diagnostic visit	Villages – Kailash, Kalchipada Adyapur, Butiadiha and Sadhupalii 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, Kalchipada Adyapur, Butiadiha and Sadhupalii and Blocks – Tileibani, Barkote and Reamal
Deogarh	Lack of farm mechanization	PRA, Group discussion, meeting, Exhibition	Villages – Kailash, Kalchipada Adyapur, Butiadiha and Sadhupalii 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, Kalchipada Adyapur, Butiadiha and Sadhupalii and Blocks – Tileibani, Barkote and Reamal
Deogarh	Lack of utilization of forest produce for income generating activities	PRA, Group discussion, meeting	Villages – Kailash, Kalchipada Adyapur, Butiadiha and Sadhupalii and Blocks – Tileibani, Barkote and Reamal
Deogarh	No agro based income generating activities of the SHGs	PRA, Group discussion, meeting`	Villages – Kailash, Kalchipada Adyapur, Butiadiha and Sadhupalii 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, Kalchipada Adyapur, Butiadiha and Sadhupalii 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, Kalchipada Adyapur, Butiadiha and Sadhupalii and Blocks – Tileibani, Barkote and Reamal
Deogarh	Absent of farmers organization	PRA, Group discussion, Field visit	Villages – Kailash, Kalchipada Adyapur, Butiadiha and Sadhupalii 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, Kalchipada Adyapur, Butiadiha and Sadhupalii 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)	T3	FP (T_1)	RP (T_2)	T3	
Deogarh	2014 2015 2016	Kharif	Low yield and return for upland rice cultivation	Assessment of different onion varieties in kharif season	Assessment	Varietal evaluation	Onion	Rainfed upland, Sandy loam soil	7	168	212	228	147000	213000	237000	
Deogarh	2015, 2016, 2017	Kharif	Low return from upland rice cultivation	Assessment of integrated crop management of kharif tomato in group approach	Assessment	Integrated Crop Management	Tomato	Up land, Rainfed	5	92	127	T_3-146 T_4-157	55200	98370	T_3-125850 T_4-142200	
Deogarh	2015-16, 2016-17, 2017-18	Rabi	Fruit cracking and fruit borer attack leads to low yield and return	Assessment of integrated approach for quality fruit production of litchi	Assessment	Integrated Crop Management	Litchi	Irrigated, Upland	4							Continuing
Deogar	2014	Rabi	Low	Assessmen	Assessme	Varietal	Potato	Irrigated	5	167	223	T_3-	11680	135200	T_3-	

h	-15, 2015 -16 (2 years)		productivity (100 q/ha) in the existing potato variety Lal Patani	t of potato varieties in rice - potato cropping system	nt	evaluation		medium land, (Borewell)				254 T_{4-} 275	0		164650 T_{4-} 185200	
Deogarh	2015	Kharif	Withering of terminal shoots, bore holes on shoots and fruits plugged with excreta, shedding of flower buds, slithering and drying of leaves and fruit bearing is affected which reduce the yield.	Assessment of IPM against fruit and shoot borer in brinjal	Assessment	Integrated pest management	Brinjal	Rainfed , soil sandy loam	7	210	238	282	83000	97900	127600	
Deogarh	2015 -16	Rabi	Tubers develop reddish brown, shallow to deep, dry rot lesions. The affected tuber flesh becomes 'caramalised' with a sugary texture which reduces the yield upto 30-40% as well as the	Assessment of integrated management of late blight in potato	Assessment	Integrated Disease Management	Potato	Irrigated, soil sandy loam	7	182	236	248	100000	149800	160000	

			marketability quality													
Deogarh	2015, 2016	Kharif	Low yield due to Zn deficiency	Assessment of zinc application in rice crop	Assessment	Integrated Nutrient Management	Rice	Rainfed, lowland	7	32.4	35.5	41.1	15840	16550	20210	
Deogarh	2015-16 2016-17	Rabi	Soil is acidic and deficient in Sulphur	Assessment of lime and sulphur application in groundnut	Assessment	Integrated Nutrient Management	Groundnut	Medium and low land	7	15.4	17.71	21.25	17900	21985	29375	

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 different onion varieties in kharif season	Yield	168	T_2- 212 T_3- 228	91400	92300	92800	201600	254400	273600	110200	162100	180800	2.21	2.76	2.95
Deogarh	Assessment of integrated crop management of kharif tomato in group approach	Yield	92	T_2- 127 T_3- 146 T_4- 157	82800	92130	T_3- 93150 T_4- 93300	138000	190500	T_3- 219000 T_4- 235500	55200	98370	T_3- 125850 T_4- 142200	1.67	2.07	T_3- 2.35 T_4- 2.52
Deogarh	Assessment of potato varieties in rice - potato cropping system	Yield	167	T_2- 223, T_3-254, T_4-275	83600	87800	T_3- 89350 T_4-89800	200400	223000	T_3- 254000 T_4- 275000	116800	135200	T_3- 164650 T_4- 185200	2.40	2.54	T_3- 2.84 T_4- 3.06
Deogarh	Assessment of IPM against fruit and shoot borer in brinjal	Yield	210	T_2- 238 T_3-282	85000	92500	95000	168000	190400	225600	83000	97900	127600	1.98	2.06	2.30
Deogarh	Assessment of integrated management of late blight in potato	Yield	182	T_2- 236 T_3-248	82000	86200	88000	182000	236000	248000	100000	149800	160000	2.22	2.74	282

Deogarh	Assessment of zinc application in rice crop	Yield	32.4	T_{2}- 35.5 T_{3}-41.1	22000	22500	25000	37840	39050	45210	15840	16550	20210	1.72	1.74	1.81
Deogarh	Assessment of lime and sulphur application in groundnut	Yield	15.4	T_{2}- 17.71 T_{3}- 21.25	36000	40000	45000	53900	61985	74375	17900	21985	29375	1.49	1.54	1.65

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	2014, 2015	Kharif	Low yield potential of paddy straw mushroom *Volvariella volvacea*	Assessment of yield potential of high yielding strain *of V. volvacea*	Assessment	Small scale income generation activity	T1:Cultivation of paddy straw mushroom *V. volvacea* T2:Cultivation of paddy straw mushroom strain OSM-11T3:Cultivation of paddy straw mushroom strain OSM-12	OSM-11- black colour, bio-efficiency -15% OSM-12- grey colour, bio-efficiency -13% Days of first harvesting- 14 days, Cultivation practice similar to existing strain	Homestead	7	
Deogarh	2015-16	Kharif & Rabi	Low body weight of the desi bird fetched less market price due to low productivity	Assessment of suitable poultry breed in backyard rearing	Assessment	Small scale income generation activity	T1 : Rearing of Desi bird, T2:Vanraja T3:Red Cornish T4 :Rearing of Chabro poultry breed T5:Rainbow roster		Homestead	20	

2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter																			
		Output m^2/h		Est. Energy Expenditure kj/min.		WHR beat/ min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2		
Deogarh	Assessment of yield potential of high yielding strain *of v. volvacea*											1.5 kg/ bed	T2-1.8kg /bed T3-1.65 kg /bed	70	T2-70 T3-70	150	T2-180 T3-165	1.5 kg/ bed	T2-1.8kg/bed T3-1.65kg/ bed	80	T2-110 T3-95	T2-30 T3-15	T1-2.14 T2-2.57 T3-2.35
Deogarh	Assessment of suitable poultry breed in backyard rearing											1.3kg / bird	T2-3.1 T3-3.3 T4-3.0 T5-3.7	145	T2-205 T3-205 T4-205 T5-205	564	T2-950 T3-970 T4-860 T5-1290	1.3 kg/ bird	T2-3.1 T3-3.3 T4-3.0 T5-3.7	419	T2-745 T3-765 T4-655 T5-1085		T1-3.8 T2-4.6 T3-4.7 T4-4.1 T5-6.2

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Deogarh	• Disease and pest resistance variety of vegetables should be assessed. • Efficacy of new generation chemical pesticides should be assessed against a particular pest. • Soil test based fertilizer application trials should be undertaken for potential crops of the district. • Hybrid and improved variety of vegetables and cereals should screened for the agro-climatic zone

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	Green gram	Varietal evaluation	OUM-11-5(Kamdev) wilt & YMV resistant	FLD, training, farmer's meeting	7	27	12
Deogarh	Pigeon pea	Varietal evaluation	TTB-7 is a medium duration variety	Group discussions, Night meetings, Video shows.	6	28	15
Deogarh	Safflower	Cropping system	Growing of rice high yielding variety Naveen – Safflower (MRSA-521) 120-130d	Vocational training, group meeting, demonstration	5	32	10
Deogarh	Rice	Soil fertility management	Aerobic variety Naveen, 115-120d, height 95-100cm, yield potential 4.5 t/ha, moderately resistant to LB, NB, BS, SB, WM, GM and LF, nitrogen management through LCC developed by CRRI	Vocational training, group meeting, demonstration	6	26	9
Deogarh	Vegetable	ICM	Preparation of low cost poly tunnel by using 200 micron polytheen and bamboo of size 10'x3'x2'	FLD, training, farmer's meeting	8	35	-
Deogarh	Yam bean	Varietal trial	Rajendra Mishri Kanda -1	Group discussions, Night meetings, Video shows.	4	28	17
Deogarh	Cauliflower	Integrated Nutrient Management	Application of vermicompost @5tons/ha	Vocational training, group meeting, demonstration	5	29	11
Deogarh	Brinjal	Integrated Disease Management	Seed treatment with carbendazim (2g/kg seeds) spraying carbendazim + mancozeb @ 2g/lit twice at 7 days interval after emergence of disease	FLD, training, farmer's meeting, exhibition	8	32	12
Deogarh	Silkworm	Integrated Pest Management	Renovation of plantation and rearing of Tasar silkworm	Group discussions, Night meetings, Video shows.	12	82	39
Deogarh	Sweet orange	Integrated pest Management	Poison baiting for fruit sucking moths with 20g methomyl w.p. + 200g jaggery with some vinegar or fruit juice in 2 litres of water per 25-30 trees.	Vocational training, group meeting, demonstration	15	56	46
Deogarh	Litchi	Integrated Pest Management	Spraying of Triazophos 2ml/lit twice at 7days interval during flushing	Vocational training, group meeting, demonstration	5	17	18
Deogarh	Mahua-	Drudgery reduction	Handy implement, decortications capacity 8-10 kg/hour, implemented is operated manually in sitting posture	Vocational training, group meeting, demonstration	12	98	-
Deogarh	Diary	Nutritional management	Vitamin mineral mixture @ 30gm / day improve the health of cow and milk yield.	Video shows, FLD, training	15	55	10 nos.

Deogarh	Tomato	Small scale income generation	Value addition of Tomato	Vocational training, group meeting, demonstration	11	135	100 kgs
Deogarh	Oyster mushroom	Small scale income generation	Bluish grey fruit bodies, texture fleshy, average fruit body weight 30gm. Duration of first bud emergence 21 days, fruiting room temperature: 18-22°C, relative humidity 85%, No. of Flushes: 2-3 numbers, bio-efficiency 103%	Vocational training, group meeting, method demonstration	17	211	100 beds

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.**

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

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

3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprizes	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Deogarh	2015	Kharif	Varietal evaluation	Popularization of cowpea variety kashi kanchan in kharif season	Cowpea	Kashi kanchan	0.4 ha	86	123	43		5	5		10
Deogarh	2015	Kharif	Varietal evaluation	Popularization of yam bean variety rajendra mishri kanda -1	Yam bean	Rajendra Mishri Kanda -1	0.4 ha.	146	212	45		10			10
Deogarh	2015 2015-16	Kharif Rabi	Varietal evaluation	Popularization of tissue culture banana variety grand naine	Banana	Grand Naine	1 ha.	104	152	46		5	5		10

Deogarh	2015-16	Rabi	Integrated Nutrient Management	Popularization of Integrated Nutrient Management in watermelon	Watermelon	Black Magic	1 ha.	215	312	45			10		10
Deogarh	2015	Kharif	Integrated Pest management	Popularization of case worm and leaf folder management in rice	Rice	Pooja	1 ha.	33.8	47.5	40.5		6	4		10
Deogarh	2015	Kharif	Integrated Pest management	Popularization of management fruit borer in tomato	Tomato	Utkal Raja	0.4 ha.	105	135	28		6	4		10
Deogarh	2015-16	Rabi	Integrated pest management	Popularization of fruit fly management in mango	Mango	Amrapali	1 ha.	Contd.				5	5		10
Deogarh	2015-16	Rabi	Integrated disease management	Popularization of seedling damping off in onion	Onion	N-53	0.4 ha	178	232	30		8	2		10
Deogarh	2015	Kharif	Nitrogenous fertilizer management	Effect of real time nitrogen management in rice by LCC	Paddy	Sahabhagi	2 ha	32.6	35.6	11.2	0	10	0	0	10
Deogarh	2015	Kharif	Nutrient management	Effect of soil test based fertilizer application in rice	Paddy	Pratikshya	2 ha	28.4	38.3	34.2	1	8	1		10
Deogarh	2015-16	Rabi	Integrated nutrient management	Demonstration of organic in tomato	Tomato	Utkal Raja	0.4 ha	220	198	21.2	1	2	7		10
Deogarh	2015-16	Rabi	Integrated nutrient management	Demonstration on boron application in cabbage	Cabbage	Disha	0.4 ha	224	306	37	1	7	2		10

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	Popularization of cowpea variety kashi kanchan in kharif season	Cowpea	Yield (q/ha)	86	123	39200	43300	86000	123000	46800	79700	2.19	2.84
Deogarh	Popularization of yam bean variety rajendra mishri kanda -1	Yam bean	Yield (q/ha)	146	212	37200	48350	73000	106000	35800	57650	1.96	2.19
Deogarh	Popularization of tissue culture banana variety grand naine	Banana	Yield (q/ha)	104	152	88350	96500	156000	228000	67650	131500	1.77	2.36
Deogarh	Popularization of plastic mulch in watermelon	Watermelon	Yield (q/ha)	215	312	57350	58320	107500	156000	50150	97680	1.87	2.67
Deogarh	Popularization of case worm and leaf folder management in rice	Rice	Yield (q/ha)	33.8	47.5	23500	29000	37180	52250	13680	23250	1.58	1.8
Deogarh	Popularization of management fruit borer in tomato	Tomato	Yield (q/ha)	105	135	78000	85000	157500	202500	79500	117500	2.02	2.38
Deogarh	Popularization of seedling damping off in onion	Onion	Yield (q/ha)	178	232	75000	82000	142400	185600	67400	103600	1.9	2.26
Deogarh	Effect of real time nitrogen management in rice by LCC	Paddy	Yield (q/ha)	32.6	35.6	23900	24470	35860	39160	11960	14690	1.5	1.6
Deogarh	Effect of soil test based fertilizer application in rice	Paddy	Yield (q/ha)	28.4	38.3	20820	24190	31240	42130	10420	17940	1.5	1.6
Deogarh	Demonstration of organic in tomato	Tomato	Yield (q/ha)	220	198	100000	104200	220000	198000	120000	93800	2.2	1.9

Deogarh	Demonstration on boron application in cabbage	Cabbage	Yield (q/ha)	224	306	101800	122400	224000	306000	122200	183600	2.2	2.50

3.4 Information about Home Science FLDs

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/ Technology/ Entreprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Deogarh	2015	Kharif	Fodder cultivation		Popularization of hybrid napier for increasing milk production	Hybrid napier	Yashwant		0.4ha	10
Deogarh	2015	Kharif	Nutritional management	Low milk yield and economic return due to protein deficiency and high cost feed production	popularization of azolla as a supportive feed for milch cow	Enterprise	Azolla pinnate		10 nos. of pits	10
Deogarh	2015 2015-16	Kharif Rabi	Small scale income generation		popularization of cultivation of medicinal plant in backyard	Enterprise	Alovera		0.4	10
Deogarh	2015-16	Rabi	Small scale income generation		Popularization of marigold cultivation in backyard	Marigold	Pusa Basanti		0.4	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
		T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2	T_1	T_2		
Deogarh	Popularization of hybrid napier for increasing milk production	Continuing																					

Deogarh	popularization of azolla as a supportive feed for milch cow											270 (lit/ month)	300 (lit/ month)	3800	3250	7560	8400	270 (lit/ month)	300 (lit/ month)	3760	5550	840	F.P-1.98 R.P-2.58
Deogarh	popularization of cultivation of medicinal plant in backyard	Continuing																					
Deogarh	Popularization of marigold cultivation in backyard											110	170	28,800	36,700	45,600	78890	110	170	45,600	78890	33290	F.P-1.92 R.P-2.95

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Deogarh	Cowpea	Field days			
		Farmers Training	1	25	
		Media coverage	2	Mass	
		Training for extension functionaries			
Deogarh	Yam bean	Field days			
		Farmers Training	1	25	
		Media coverage	2	Mass	
		Training for extension functionaries	1	10	
Deogarh	Banana	Field days			
		Farmers Training	1	25	
		Media coverage	2	Mass	
		Training for extension functionaries			
Deogarh	Watermelon	Field days	1	30	
		Farmers Training	1	25	
		Media coverage	1	Mass	
		Training for extension functionaries			
Deogarh	Paddy	Field days	1	30	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries	1	10	
Deogarh	Tomato	Field days	1	40	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries	1	10	
Deogarh	Mango	Field days	1	40	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Deogarh	Onion	Field days	1	30	

		Farmers Training	1	25	
		Media coverage	2	Mass	
		Training for extension functionaries	1	10	
Deogarh	Paddy	Field days	1	30	
		Farmers Training	1	25	
		Media coverage	2	Mass	
		Training for extension functionaries	1	10	
Deogarh	Paddy	Field days	1	30	
		Farmers Training	1	25	
		Media coverage	1	Mass	
		Training for extension functionaries	1	10	
Deogarh	Tomato	Field days			
		Farmers Training	1	25	
		Media coverage	1	Mass	
		Training for extension functionaries			
Deogarh	Cabbage	Field days			
		Farmers Training	1	25	
		Media coverage	1	Mass	
		Training for extension functionaries			
Deogarh	Hybrid napier	Field days	1	30	
		Farmers Training	1	25	
		Media coverage	1	Mass	
		Training for extension functionaries	1	10	
Deogarh	Azolla	Field days	1	30	
		Farmers Training	1	25	
		Media coverage	1	Mass	
		Training for extension functionaries			
Deogarh	Alovera	Field days			
		Farmers Training	1	25	
		Media coverage	1	Mass	
		Training for extension functionaries			
Deogarh	Marigold	Field days			
		Farmers Training	1	25	
		Media coverage	1	Mass	
		Training for extension functionaries			

3.7 Details of FLD on crop hybrids.

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

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	nitrogen management through LCC in rice in irrigated medium land	Field day, Group meetings, group discussion,	Nitrogen management in rice cropping	To be adopted by the farmers
Deogarh	Cowpea variety Kashi Kanchan	Group meetings, group discussion	Introduction of new variety	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	Use of Fertilizer application as per soil test report and micronutrient mixture @3ml/lit. at 15 days interval 2 times	Group meetings	Increasing in yield	To be adopted by the farmers
Deogarh	Popularization of tissue culture banana variety Grand Naine	Group meetings	Increasing in yield	To be adopted by the farmers
Deogarh	Popularization of case worm and leaf folder	Group meetings	Increasing in yield through IPM	To be adopted by the farmers
Deogarh	Popularization of management fruit borer in tomato	Group meetings	Increasing in yield through IPM	To be adopted by the farmers
Deogarh	Popularization of seedling damping off in onion	Group meetings	Increasing in yield through IDM	To be adopted by the farmers
Deogarh	Popularization of azolla as a supportive feed for milch cow	Group meetings, group discussion	Increasing in milk production	To be adopted by the farmers
Deogarh	Oyster mushroom cultivation	Group meetings, group	Increase in income	To be adopted by the farmers

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Deogarh	• Moe potato varieties should taken in trial for screening for kharif and rabi season in North western plateau zone condition. • Wilt resistant tomato variety should be assessed for our agro-climatic zone. • Potato blight disease should assessed for proper diagnosis of early or late blight disease. • Physical property of soil should be properly indentified for judicious water management.

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	08.04.2015 Sadhupalli, 24.04.2015 Sabarpalli	38
Deogarh	FW	Field visit, group meeting and discussion	04.05.2015 Sabarpalli 14.05.2015 Nirgundipalli	40
Deogarh	FW	Field visit, group discussion, SHG meeting	11.06.2015,Palkudar, 12.06.2015 Nirgundipalli	30
Deogarh	FW	Field visit, group meeting and PRA method	06.07.2015, Phulpatharakhola 20.07.2015, Titlijharan	33
Deogarh	FW	Field visit, group discussion, meeting with farm women	01.08.2015 Sadhupalli 05.08.2015 Kalchipadadihi	37
Deogarh	FW	Field visit, group meeting PRA method	03.09.2015, Nirgundipalli 09.09.2015, Kailash	40
Deogarh	FW	Field visit, group discussion, meeting	05.10.2015, Sadhupalli 14.10.2015, Majhipalli	38
Deogarh	IS	Field visit, group discussion	05.10 2015, ADH, Deogarh	28
Deogarh	FW	Field visit, group meeting and SHG meeting	03.12.2015, Kantangpani 11.12.2015, Gurujang	44
Deogarh	RY	Field visit, group discussion	01.01.2016, Kailash	26
Deogarh	FW	Field visit, group discussion, meeting with farm women	02.01.2016, Malehipada	39
Deogarh	FW	Field visit, group discussion, meeting with farm women	04.02.2016, Tentuloi	35
Deogarh	IS	Group discussion	12.03.2016 , AAO, Barkote	23

Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total

Thematic Areas for Training	
CRP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RYH	Rural Youth
EXP	Extension Personnel

5. TRAINING PROGRAMMES

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

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Deogarh	FW	OFC	HOF	Introduction of horticulture based farming system	1	1					21	1	3	
Deogarh	FW	OFC	HOV	Nursery raising off season Vegetables	1	1			2	0	10	8	3	2
Deogarh	FW	OFC	HOV	Off season vegetable cultivation	1	1			1		19	3	2	
Deogarh	FW	OFC	HOV	Cultivation practices of yambean	1	1					13	6	1	5
Deogarh	FW	OFC	HOF	Cultivation practices of tissue culture banana	1	2			1		12	11		1
Deogarh	FW	OFC	HOV	Cultivation practices of Kharif tomato	1	2			3		20		2	
Deogarh	FW	OFC	HOV	Cultivation practices of pointed gourd	1	2			4		16		5	
Deogarh	FW	OFC	HOV	Integrated Nutrient management of Onion	1	2			3		7		15	
Deogarh	FW	OFC	HOV	Cultivation practices of Cauliflower	1	2			3		12		10	
Deogarh	FW	OFC	HOF	Cultural practices in Sweet orange orchards	1	2					21		4	
Deogarh	FW	OFC	HOV	Cultivation practices of Cabbage	1	2			2		8	6	2	7
Deogarh	FW	OFC	HOF	Cultural practices in Mango orchards	1	2			2	1	3	12		7
Deogarh	FW	ONC	HOF	Nutrient management of water melon	1	1			2		9		14	
Deogarh	FW	ONC	HOF	Cultural practices in Litchi orchards	1	1			2		13	2	8	
Deogarh	RY	ONC	RY	Nursery raising of vegetables	1	2					9		6	
Deogarh	IS	ONC	IS	Hi-tech horticulture technology	1	2					2		8	
Deogarh	IS	ONC	IS	Rejuvenation of old orchards	1	2					2		8	
Deogarh	FW	OFC	PLP	Technique of seed and soil treatment by pesticides and biocides	1	1					7	18		
Deogarh	FW	OFC	PLP	Control of wilt disease in solanaceous vegetables	1	1					13	4	8	
Deogarh	FW	OFC	PLP	Control of diseases in cucurbitaceous crops	1	1					12	8	5	
Deogarh	FW	OFC	PLP	Control of fruit and shoot borer in brinjal	1	1					9	7	6	3
Deogarh	FW	OFC	PLP	Control of fruit borer in tomato	1	2					24		1	
Deogarh	FW	OFC	PLP	Control of caseworm in rice	1	2			5		16	2	1	1
Deogarh	FW	OFC	PLP	Disease management in pulse like green	1	2			14				11	

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				gram and black gram										
Deogarh	FW	OFC	PLP	Control of diseases in cole crops	1	2							25	
Deogarh	FW	OFC	PLP	Control of fruit sucking moth in sweet orange	1	2			4		10		11	
Deogarh	FW	OFC	PLP	Control of damping of in onion seedlings	1	2			4		2		19	
Deogarh	FW	OFC	PLP	Disease management in oilseed crop like ground nut, sesamun and mustard	1	2					2		16	7
Deogarh	FW	OFC	PLP	Control of thrips in chilli	1	1					12	11	2	
Deogarh	FW	OFC	PLP	Control of fruit fly in mango	1	1					4	12	3	6
Deogarh	FW	OFC	PLP	Control of fruit borer in litchi	1	1			1		9		15	
Deogarh	RY	OFC	PLP	Apiculture for income generation	1	2			1		10		4	
Deogarh	IS	ONC	PLP	Non-conventional method of pest control	1	2				1	1	2	4	2
Deogarh	IS	ONC	PLP	Use of new generation chemical pesticides	1	2					4		6	
Deogarh	FW	OFC	SFM	Importance of soil testing & technique of soil sample collection	1	1	0	0	0	0	1	24	0	0
Deogarh	FW	OFC	SFM	Importance of soil testing & technique of soil sample collection	1	1					22	3		
Deogarh	FW	OFC	SFM	Organic farming	1	1					8	14	3	
Deogarh	FW	OFC	SFM	INM in kharif Paddy	1	1			6		12		7	
Deogarh	FW	OFC	SFM	Method of increase of Nitrogen use efficiency in rice	1	2					23	2		
Deogarh	FW	OFC	SFM	Soil fertility management	1	2					17	8		
Deogarh	FW	OFC	SFM	Use & role of micro nutrients	1	2			4		17	1	3	
Deogarh	FW	OFC	SFM	INM in oilseed	1	2			7		12		6	
Deogarh	FW	OFC	SFM	INM in vegetable	1	2							25	
Deogarh	FW	OFC	SFM	INM in rabi Paddy	1	2			4		18		3	
Deogarh	FW	OFC	SFM	INM in pulses	1	2			3		17		5	
Deogarh	FW	ONC	SFM	Deficiency symposium of micronutrients and their management	1	1			3		17		5	
Deogarh	FW	OFC	SFM	INM in litchi plant	1	1			7		13		5	
Deogarh	FW	OFC	SFM	Use of biofertilizer	1	1			6		9		10	
Deogarh	RY	ONC	SFM	Production & use of organic inputs	1	2					11		4	
Deogarh	IS	ONC	SFM	Acid soil management for higher production	1	2			2	1	1		4	2
Deogarh	IS	ONC	SFM	Organic manure Production technology	1	2				2	1		4	3
Deogarh	FW	OFC	WOE	Supplementary food for pre- school children	1	1	-	-				22		3

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Deogarh	FW	OFC	WOE	Post harvesting management of ripe mango	1	1						21		4
Deogarh	FW	OFC	WOE	Use of mahua decorticator for drudgery reduction in mahua seed	1	1						25		
Deogarh	FW	OFC	WOE	Planning and layout of kitchen garden	1	1		2				20		3
Deogarh	FW	OFC	WOE	Income generation through paddy straw mushroom by SHG	2	2		1				14		10
Deogarh	FW	OFC	WOE	Income generation through paddy straw mushroom by SHG	2	2						25		
Deogarh	FW	OFC	WOE	Cultivation practices of medicinal plants in backyard	2	2						21		4
Deogarh	FW	OFC	WOE	Gender mainstreaming through SHG	2	2		1				20		4
Deogarh	FW	OFC	WOE	Cultivation practices of marigold flower	2	2						19		6
Deogarh	IS	ONC	WOE	Preparation of low cost supplementary foods for pre school children	2	2		1		2		2		5

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	Nursery management of fruit crops	Fruits	Nursery management	7					3		7	
Deogarh	Beekeeping	Enterprise	Beekeeping	7					9		1	
Deogarh	Production of vermi composting	Enterprise	Income generation through Vermicompost	7	1				7		2	

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

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	

Table 5.4. Sponsored Training Programmes

Name	Title	Thematic area	Sub-theme	Client	Dura-	No. of	No. of Participants	Sponsoring	Fund

of KVK		(as given in abbreviation table)	(as per column no 5 of Table T1)	(FW/ RY/ IS)	tion (days)	courses	Gen		Others		SC		ST		Agency	received for training (Rs.)
							M	F	M	F	M	F	M	F		

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

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	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	Introduction of horticulture based farming system	25	24	42					Area expanded (ha):- No. of farmers adopted (no.): % change in knowledge:75 % change in production % change in Income
Deogarh	Nursery raising off season Vegetables	25	22	38					Area expanded (ha):-20 No. of farmers adopted (no.): 24 % change in knowledge:76.1 % change in production-% change in Income-
Deogarh	Off season vegetable cultivation	25	33	46					Area expanded (ha):-14 No. of farmers adopted (no.): 17 % change in knowledge:43.1 % change in production-38.33 % change in Income-80.11
Deogarh	Cultivation practices of yambean	25	24	38					Area expanded (ha):- 18 No. of farmers adopted (no.): 19 % change in knowledge:58.3 % change in production- % change in Income-
Deogarh	Cultivation practices of tissue culture banana	25	21	37					Area expanded (ha):-20 No. of farmers adopted (no.): 24 % change in knowledge:76.1 % change in production-% change in Income-
Deogarh	Cultivation practices of Kharif tomato	25	12	26	180	249	126200	227300	Area expanded (ha):-8 No. of farmers adopted (no.): 12 % change in knowledge:116.6 % change in production % change in Income

Deogarh	Cultivation practices of pointed gourd	25	22	43					Area expanded (ha):-34 No. of farmers adopted (no.): 21 % change in knowledge:95.4 % change in production-27 % change in Income-42.47
Deogarh	Integrated Nutrient management of Onion	25	12	29	192	314	20300	45900	Area expanded (ha):-22 No. of farmers adopted (no.): 24 % change in knowledge:141.6 % change in production-63.54 % change in Income-126.1
Deogarh	Cultivation practices of Cauliflower	25	21	39	236	310	68650	96500	Area expanded (ha):-38 No. of farmers adopted (no.): 22 % change in knowledge:85.7 % change in production-31.35 % change in Income-40.56
Deogarh	Cultural practices in Sweet orange orchards	25	32	45.8					Area expanded (ha):-24 No. of farmers adopted (no.): 21 % change in knowledge:43.1 % change in production- % change in Income-
Deogarh	Cultivation practices of Cabbage	25	21	39	236	310	68650	96500	Area expanded (ha):-38 No. of farmers adopted (no.): 22 % change in knowledge:85.7 % change in production-31.35 % change in Income-40.56
Deogarh	Cultural practices in Mango orchards	25	12	36					Area expanded (ha):- No. of farmers adopted (no.):2 % change in knowledge:200 % change in production% change in Income
Deogarh	Nutrient management of water melon	25	23.5	42					Area expanded (ha):-21 No. of farmers adopted (no.):19 % change in knowledge:78.7 % change in production% change in Income
Deogarh	Cultural practices in Litchi orchards	25	26	39					Area expanded (ha):24 No. of farmers adopted (no.):25 % change in knowledge:50 % change in production- % change in Income-
Deogarh	Nursery raising of vegetables	15	26.8	49.6					Area expanded (ha):-37 No. of farmers adopted (no.): 10 % change in knowledge:85.07 % change in production % change in Income
Deogarh	Hi-tech horticulture technology	10	37	51					Area expanded (ha):-2 No. of farmers adopted (no.): 10 % change in knowledge:37.83 % change in production % change in Income
Deogarh	Rejuvenation of old orchards	10	36	54					Area expanded (ha):-2 No. of farmers adopted (no.): 10 % change in knowledge:37.83 % change in production % change in Income
Deogarh	Technique of seed and soil treatment by pesticides and biocides	25	34	49					Area expanded (ha):-39 No. of farmers adopted (no.): 15 % change in knowledge:47.05 % change in production: % change in Income
Deogarh	Control of wilt disease in solanaceous vegetables	25	31	58	206	296	103000	147000	Area expanded (ha):-38 No. of farmers adopted (no.): 14 % change in knowledge:87.09 % change in production:43.69 % change in Income:42.71
Deogarh	Control of diseases in cucurbitaceous crops	25	31	57					Area expanded (ha):-33 No. of farmers adopted (no.): 12 % change in knowledge:83.87 % change in production: % change in Income

Deogarh	Control of fruit and shoot borer in brinjal	25	34	61					Area expanded (ha):-48 No. of farmers adopted (no.): 12 % change in knowledge:73.52 % change in production: % change in Income:
Deogarh	Control of fruit borer in tomato	25	29	53	28.6	42.8	28600	51360	Area expanded (ha):-27 No. of farmers adopted (no.):13 % change in knowledge:82.75 % change in production:49.65 % change in Income:79.58
Deogarh	Control of caseworm in rice	25	32	49					Area expanded (ha):-30 No. of farmers adopted (no.): 17 % change in knowledge:53.12 % change in production % change in Income
Deogarh	Disease management in pulse like green gram and black gram	25	47	72					Area expanded (ha):-63 No. of farmers adopted (no.): 14 % change in knowledge:59.52 % change in production: % change in Income
Deogarh	Control of diseases in cole crops	25	39	64	204	298	61200	89400	Area expanded (ha):-79 No. of farmers adopted (no.): 19 % change in knowledge:64.10 % change in production:46.08 % change in Income:46.07
Deogarh	Control of fruit sucking moth in sweet orange	25	27	56					Area expanded (ha):-78 No. of farmers adopted (no.): 13 % change in knowledge:107.40 % change in production% change in Income
Deogarh	Control of damping of in onion seedlings	25	37	58					Area expanded (ha):-45 No. of farmers adopted (no.): 10 % change in knowledge:56.75 % change in production % change in Income
Deogarh	Disease management in oilseed crop like ground nut, sesamun and mustard	25	25	47					Area expanded (ha):-12 No. of farmers adopted (no.): 04 % change in knowledge:88 % change in production % change in Income
Deogarh	Control of thrips in chilli	25	43	71					Area expanded (ha):- 31 No. of farmers adopted (no.): 14 % change in knowledge65.11 % change in production % change in Income
Deogarh	Control of fruit fly in mango	25	24	42					Area expanded (ha):- No. of farmers adopted (no.): % change in knowledge:75 % change in production % change in Income
Deogarh	Control of fruit borer in litchi	25	12	36					Area expanded (ha):- No. of farmers adopted (no.):2 % change in knowledge:200 % change in production % change in Income
Deogarh	Apiculture for income generation	15	26.8	49.6					Area expanded (ha):-37 No. of farmers adopted (no.): 10 % change in knowledge:85.07 % change in production % change in Income
Deogarh	Non-conventional method of pest control	10	37	51					Area expanded (ha):-2 No. of farmers adopted (no.): 10 % change in knowledge:37.83 % change in production % change in Income
Deogarh	Use of new generation chemical pesticides	10	25.4	46.3					Area expanded (ha):- No. of farmers adopted (no.): % change in knowledge:42.3 % change in production % change in Income

Deogarh	Importance of soil testing & technique of soil sample collection	25	33.1	65.6					Area expanded (ha):- 200 No. of farmers adopted (no.): 13 % change in knowledge:56.3 % change in production:16.9 % change in Income:10.5
Deogarh	Importance of soil testing & technique of soil sample collection	25	33.1	65.6					Area expanded (ha):- 200 No. of farmers adopted (no.): 13 % change in knowledge:56.3 % change in production:16.9 % change in Income:10.5
Deogarh	Organic farming	25	18	42					Area expanded (ha):- 8 No. of farmers adopted (no.): 7 % change in knowledge:133.3 % change in production: % change in Income:
Deogarh	INM in kharif Paddy	25	35	68					Area expanded (ha):-23 No. of farmers adopted (no.): 18 % change in knowledge:94.2 % change in production % change in Income
Deogarh	Method of increase of Nitrogen use efficiency in rice	25	12	35					Area expanded (ha):-20 No. of farmers adopted (no.): 18 % change in knowledge:191.6 % change in production: % change in Income:
Deogarh	Soil fertility management	25	18	42					Area expanded (ha):- 8 No. of farmers adopted (no.): 7 % change in knowledge:133.3 % change in production: % change in Income:
Deogarh	Use & role of micro nutrients	25	12	35					Area expanded (ha):-20 No. of farmers adopted (no.): 18 % change in knowledge:191.6 % change in production: % change in Income:
Deogarh	INM in oilseed	25	23.8	45.6					Area expanded (ha):- 32 No. of farmers adopted (no.): 18 % change in knowledge:29.1 % change in production % change in Income
Deogarh	INM in vegetable	25	12	35					Area expanded (ha):-20 No. of farmers adopted (no.): 18 % change in knowledge:191.6 % change in production: % change in Income:
Deogarh	INM in rabi Paddy	25	31.2	65.5					Area expanded (ha):-28 No. of farmers adopted (no.): 24 % change in knowledge:109.9 % change in production % change in Income
Deogarh	INM in pulses	25	15	28					Area expanded (ha):-16 No. of farmers adopted (no.): 19 % change in knowledge:82.3 % change in production: % change in Income:
Deogarh	Deficiency symposium of micronutrients and their management	25	12	35					Area expanded (ha):-20 No. of farmers adopted (no.): 18 % change in knowledge:191.6 % change in production: % change in Income:
Deogarh	INM in litchi plant	25	26	39					Area expanded (ha):24 No. of farmers adopted (no.):25 % change in knowledge:50 % change in production- % change in Income-
Deogarh	Use of biofertilizer	25	15	28					Area expanded (ha):-16 No. of farmers adopted (no.): 19 % change in knowledge:82.3 % change in production: % change in Income:

Deogarh	Production & use of organic inputs	15	31.2	65.5					Area expanded (ha):- 23 No. of farmers adopted (no.): 8 % change in knowledge:26 % change in production % change in Income:22
Deogarh	Acid soil management for higher production	10	48	75					Area expanded (ha):-15 No. of farmers adopted (no.): 07 % change in knowledge:56.2 % change in production % change in Income
Deogarh	Organic manure Production technology	10	50	70					Area expanded (ha):-25 No. of farmers adopted (no.): 06 % change in knowledge:56.2 % change in production % change in Income
Deogarh	Supplementary food for pre- school children	25	32.6	78.1					Area expanded (ha):- No. of farmers adopted (no.): 12 % change in knowledge:139.6 % change in production % change in Income
Deogarh	Post harvesting management of ripe mango	25	24.8	45.6			11,500	13,700	Area expanded (ha):- No. of farmers adopted (no.): 07 % change in knowledge:83.9 % change in production % change in Income:19.13
Deogarh	Use of mahua decorticator for drudgery reduction in mahua seed	25	29.6	45.8					Area expanded (ha):-0 No. of farmers adopted (no.): 0 % change in knowledge:35.5 % change in production % change in Income
Deogarh	Planning and layout of kitchen garden	25	27.5	39.6	22	35			Area expanded (ha):- No. of farmers adopted (no.): 17 % change in knowledge:26.0 % change in production: 59.0 % change in Income
Deogarh	Income generation through paddy straw mushroom by SHG	25	28.6	47.3			11,200	17,000	Area expanded (ha):- No. of farmers adopted (no.): 5 % change in knowledge:46.70 % change in production % change in Income: 51.78
Deogarh	Income generation through paddy straw mushroom by SHG	25	28.6	47.3			11,200	17,000	Area expanded (ha):- No. of farmers adopted (no.): 5 % change in knowledge:46.70 % change in production % change in Income: 51.78
Deogarh	Cultivation practices of medicinal plants in backyard	25	25	61.7			17,400	22,700	Area expanded (ha) No. of farmers adopted (no.): 17 % change in knowledge:58.2 % change in production % change in Income:30.45
Deogarh	Gender mainstreaming through SHG	25	27.5	61.7			21,300	25,200	Area expanded (ha) No. of farmers adopted (no.): 16 % change in knowledge:61. 8 % change in production % change in Income:18.30
Deogarh	Cultivation practices of marigold flower	25	15.5	57.4			15,600	18,300	Area expanded (ha):- No. of farmers adopted (no.):13 % change in knowledge:61.6 % change in production-32.3 % change in Income-17.30
Deogarh	Preparation of low cost supplementary foods for pre school children	10	44.7	79.7					Area expanded (ha):No. of farmers adopted (no.):10 % change in knowledge:-47.9 % change in production : % change in Income

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Deogarh	Field Day	4	4	72	33	57	38	10	0	Field days	varietal evaluation, INM Plant protection	Harvesting
Deogarh	Kisan Mela	3	3	530	351	900	469	30	5	Awareness	Govt. programmes and schemes	-
Deogarh	Kisan Ghosthi	1	1	0	11	0	49	4	0	mushroom cultivation	Year round mushroom cultivation	
Deogarh	Exhibition	2	6							showing latest technologies		
Deogarh	Film Show	48	52	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											
Deogarh	Workshop											
Deogarh	Group meetings	20	28	67	13	152	82	47	10	Discussion	Advance Management practices	All stages
Deogarh	Lectures delivered as resource persons	10	09	458	134	120	183	114	08	Discussion on latest technologies	Advance Management practices	All stages
Deogarh	Newspaper coverage	4	5							Exhibition, farmer scientist interaction		
Deogarh	Radio talks	2	-									
Deogarh	TV talks	2	-									
Deogarh	Popular articles	4	-								Women empowerment	
Deogarh	Extension Literature										Oilseeds, pulses, value addition	
Deogarh	Farm advisory Services	32	20	45	11	30	09	64	8	Awareness	Agriculture and allied subjects	

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	Scientific visit to farmers field	120	101	95	38	218	32	22	3	Problems in farmer's field		All stages
Deogarh	Farmers visit to KVK	400	381	109	38	204	30			Agriculture and allied subjects		All stages
Deogarh	Diagnostic visits	30	36	55	9	87	10	8	2	Problems in farmer's field		All stages
Deogarh	Exposure visits	1	-									
Deogarh	Ex-trainees Sammelan	-	-									
Deogarh	Soil health Camp	2	2	20	-	10		-	-	Awareness programme on soil testing		
Deogarh	Animal Health Camp	1	-									
Deogarh	Agri mobile clinic	-	-									
Deogarh	Soil test campaigns	1	2	12	6	40	2	5	0	Awareness		
Deogarh	Farm Science Club conveners meet	2	-									
Deogarh	Self Help Group conveners meetings	1	-									
Deogarh	Mahila Mandals conveners meetings											
Deogarh	Celebration of important days	2	2	28	15	7	50	4	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	1.4.16	Half yearly	1000	1000

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Deogarh	Booklet (Odia)	Namuna mati sangraha, parikhya O sara prayoga	P. Majhi, Dr. S.K. Sahoo, Dr. A. Mishra	1000
Deogarh	Booklet(Odia)	Krushi utpadanare jibanu sara ra byabahara	P. Majhi, Dr. S.K. Sahoo, L Soren, C. Mishra	1000
Deogarh	Booklet(Odia)	Suryamukhi chasa	Dr. S.K. Sahoo, Dr. S. K. Diwedi, L Soren, P. Majhi, C. Mishra	500
Deogarh	Leaflet(Odia)	Pala chatu chasa	A. Patro , Dr. S.K. Sahoo	2000
Deogarh	Leaflet(Odia)	Dhingri chati chasa	L Soren, Dr. S.K. Sahoo, A. Patro, C. Mishra	2000
Deogarh	Leaflet(Odia)	Kukuda palana	A. Patro , Dr. S.K. Sahoo	2000
Deogarh	Leaflet(Odia)	Amla matira parichalana	P. Majhi, Dr. S.K. Sahoo, Dr. A. Mishra	2000

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	Cereals						
Deogarh	Pulses	Pigeon pea	Asha	2.48	17360/-	-	-
Deogarh	Fruits	Mango	Amarapalli, Langra	383	9575/-		

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	Vegetables	Tomato	Utakal Kumari	15660	7830/-		
Deogarh	Vegetables	Brinjal	Tarini	10960	5480/-		
Deogarh	Vegetables	Cabbage	Disha	10000	5000/-		
Deogarh	Vegetables	Chilli	Syamhot	900	540/-		

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						
Deogarh	Bio Agents	Vermin	0.6		600		
Deogarh	Bio Fertilizer	Vermicompost	200		2000		
Deogarh	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	Vanaraja, Chabro, Red Cornish, Rainbow Rooster	Chicks	602	33110/-	

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Deogarh	Not Established		Mridiparikhyak mini lab	305	1500	17		1050

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)
Deogarh	Not Established	`						

10. Rainwater Harvesting

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		Not Functioning								

11. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)	Accommodation available (No. of beds)
Deogarh								25

12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Deogarh	2012	2015	5	1	Senior Scientist and Head post vacant

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Deogarh	19.08.2015	20	popularize different women friendly farming implements to reduce drudgery & cultivation of azolla and different fodders for diary development, Increase vegetable cultivation through NGOs help, Popularize medicinal plant cultivation, To apply Zinc & Boron in sunflower cultivation, To impart more trainings for entrepreneur development in SC & ST community, Develop literatures on low cost supplementary food for children, Organic farming should be popularize
Deogarh	18.12.2015	20	Popularize different women friendly farming implements to reduce drudgery & integrated farming system for income generation. Literature should be developed to disseminate new technologies, Popularize course cereals cultivation like ragi, oat etc, Increase the beneficiaries and training duration for imparting knowledge and skills in different, Popularize some cold tolerant pulse varieties, Impart some skill oriented trainings on goatery, poultry and diary

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

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Deogarh	41	11200	120	Farmers portal	Crop production, Animal husbandry, mushroom cultivation, Integrated Nutrient Management, Integrated Pest Management, Integrated Disease Management, Nursery raising

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	Center-state	1,10, 000.00	Farmers' Scientist interaction, Capacity Building programme, Literature Development	Deogarh district	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Deogarh	30442362646	72437.00	46868.00	Rs. 1, 00, 000.00 return to Dean Extension Education Rs. 50, 000 vide Ch No. 755424dt.22/08/2015 and Rs. 50, 000 vide Ch No.755435 dt22./03/2016

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Deogarh	Best Farmer	Best farmer	OUAT, Bhubaneswar	-
Deogarh	Best Exhibition stall	Institutional	ATMA, Deogarh	-
Deogarh	Best Exhibition stall	Institutional	District Administration, Deogarh	-

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent?

Sl. No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent ? (ZPD/DES/any other, pl. sp.)
1	Deogarh	Yes	Director

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Deogarh	Crop Cafeteria	Pulse, maize(hybrid and sweet corn), Dhanicha, papaya, banana, sweet potato, yam, vegetable nursery, nutritional garden
Deogarh	Technology Desk	
Deogarh	Visitors Gallery	
Deogarh	Technology Exhibition	Mushroom cultivation, Value addition of different fruits and vegetable, Azolla cultivation, ornamental fishery, Apiary, Agriculture machineries
Deogarh	Technology Gate-Valve	

c). Crop Cafeteria-

Sl. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Demonstration of various maize, sweet corn, papaya, pineapple, sweet potato, yam, yam bean	1

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

Sl. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Deogarh	Peter Minj	Groundnut-Millet 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
6	Deogarh	Sukumari Sahu	Mushroom cultivation, substitution of food additive	Kailash, Deogarh, 9438361485
7	Deogarh	Reena Dwibedy	Diary,Poultry	Palkudar, Deogarh, 9937937031
8	Deogarh	Manoneet Tirkey	Value addition of water melon	Purunapani, Deogarh,9936418598
9	Deogarh	Rajkumari Naik	Value addition of bamboo shoot	Mohinipur, Deogarh
10	Deogarh	Reena Pradhan	Value addition of aloevera & Tulsi	Saruali, Deogarh, 9556186602

20. KVK interaction with progressive farmers

Sl. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1	15.04.2015	200

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Deogarh	3	3	16	38

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.

Sl. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt

23. KVK Ring

Sl. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	Keonjhar	Soil testing	
2	Angul	Manpower, SMS (Ag. Engg.)	Sharing of man power among the ring partners
3	Sundergarh-I	Planting materials	

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Deogarh	Mrs. Guha Poonam Tapas Kumar (IAS)	15.04.2015, 19.08.2015 and 18.12.2015			Collector & District Magistrate, Deogarh	
Deogarh	Mrs. Sushama Behera	05.12.2015			President, Zilla Parisad, Deogarh	
Deogarh	Mr. Biswajeet Biswal	05.12.2015			Additional District Magistrate, Deogarh	
Deogarh	Mr. Abhiram Kerketa	05.12.2015			Project Director, DRDA, Deogarh	
Deogarh	Dr. B. K. Mohapatra, Joint Director, Directorate of Extension Education,	19.08.2015		OUAT, Bhubaneswar		

	OUAT, Bhubaneswar					
Deogarh	Dr. S. C. Mohapatra, Joint Director, Directorate of Extension Education, OUAT, Bhubaneswar	18.12.2015 and 15.02.2016		OUAT, Bhubaneswar		
Deogarh	Mr R.C.Sahu, AGM, NABARD	18.12.2015			NABARD, Sambalpur	

25. Status of KVK Website:

Sl. 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

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							Not Established

27. Status of RTI

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

28. Status of Citizen Charter

Sl. 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
Deogarh	Dr. Sukanta Kumar Sahoo	Senior Scientist & Head (I/C)	1	
Deogarh	Laba Soren	Scientist (Plant Protection)	1	
Deogarh	Anita Patro	Scientist (Home Science)	1	
	Total		**3**	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Deogarh	3	3

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Deogarh	Dr. Sukanta Kumar Sahoo	Senior Scientist & Head (I/C)	1	

Deogarh	Laba Soren	Scientist (Plant Protection)	1	
Deogarh	Anita Patro	Scientist (Home Science)	1	
Deogarh	Pradipta Majhi	PA(Soil Science)	1	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Deogarh	4	4

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. Sukanta Kumar Sahoo	Senior Scientist & Head (I/C)	1	
Deogarh	Laba Soren	Scientist (Plant Protection)	1	
Deogarh	Pradipta Majhi	PA(Soil Science)	1	

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Deogarh	3	3

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	1000	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 : Not Applicable

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 (Nos.)	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

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 facility from Government

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

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

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

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

Success Story of Jagannath Pradhan :A Successful Sweet Orange grower

Introduction :

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

Intervention:

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

Output:

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

Outcome-Diffusion

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

Impact – Social, Economical and Technological

Increase in area (ha) : 52 Ha.

Production (q) : 17940
Productivity (q/ha) : 345
Income (Rs) : 83, 33, 000.00
Employment (Mandays) : 3550
Assets : Mobile phone, Two wheeler, Four wheeler
Social status : Member of farmer's club
Lesson learned : Improved cultivation practices like timely training and pruning, recommended fertilizer application, application of micronutrients and proper plant protection measures

Conclusion:

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

A Successful Litchi entrepreneur Digamber Garnayak

Introduction/ Background :

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

Intervention:

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

Output:

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

Outcome-Diffusion

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

Impact – Social, Economical and Technological

Increase in area (ha)	: 32 Ha.
Production (q)	: 2080
Productivity (q/ha)	: 65
Income (Rs)	: 56,92,480
Employment (Mandays)	: 3332
Assets	: Mobile phone, Two wheeler, Power tiller
Social status	: Member of litchi grower association
Lesson learned	: Improved cultivation practices like use of polythene mulching, application of PMS with INM and IPM module.

Conclusion:

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

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)

		
Assessment of potato varieties in rice - potato cropping system (Problem:- Low productivity (100 q/ha) in the existing potato variety Lal Patani)	**Assessment of integrated crop management of kharif tomato in group approach** (Problem:- Low return from improper management of kharif tomato cultivation)	**Assessment of different onion varieties in kharif season** (Problem:- Low yield and return for upland rice cultivation)
		
Assessment of lime and sulphur application in groundnut (Problem:- Soil is acidic and deficient in Sulphur)	**Assessment of integrated pest panagement against fruit and shoot borer in brinjal** (Problem:- Withering of terminal shoots, bore holes on shoots and fruits which reduce the yield)	**Assessment of suitable poultry breed in backyard rearing** (Problem:Low body weight of the desi bird fetched less market price due to low productivity)