

PROFORMA FOR PREPARATION OF ANNUAL REPORT (April-2016-March-2017)

APR SUMMARY

(Note: While preparing summary, please don't add or delete any row or columns)

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	29	578	7	585
Rural youths	1	8	0	8
Extension functionaries	4	131	4	135
Sponsored Training	9	213	120	333
Vocational Training	0	0	0	0
Total	43	930	131	1061

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	100	40	
Pulses	100	40	
Cereals	25	10	
Vegetables			
Other crops			
Hybrid crops	40	16	
Total	265	106	
Livestock & Fisheries			
Other enterprises			
Total			
Grand Total	265	106	

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	0		
Livestock	0		
Various enterprises	0		
Total	0		
Technology Refined			
Crops	0		
Livestock	0		
Various enterprises	0		
Total	0		
Grand Total	0		

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	222	25358
Other extension activities	8	0
Total	230	25358

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						Total
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	
SIROHI	Text only	25						25
	Voice only							
	Voice & Text both							
	Total Messages	25						25
	Total farmers Benefitted	525						525

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	111	
Planting material (No.)	28952	451495
Bio-Products (kg)	0	
Livestock Production (No.)	15	120000
Fishery production (No.)	0	

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	73	
Water		
Plant		
Total	73	

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	4
2	Conferences	2
3	Meetings	42
4	Trainings for KVK officials	1
5	Visits of KVK officials	59
6	Book published	0
7	Training Manual	1
8	Book chapters	0
9	Research papers	3
10	Lead papers	0
11	Seminar papers	0
12	Extension folder	0
13	Proceedings	1
14	Award & recognition	0
15	On going research projects	3

DETAIL REPORT OF APR-2016-17

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Post Box No.-15, Sirohi-307001 (Rajasthan)	02972293230	-	pckvksirohi@yahoo.com

1.2. Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Vice-chancellor Agriculture University, Jodhpur- 313 001 Rajasthan	0291 2571347	0291 2571813	vcunivag@gmail.com

1.3. Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Dileep Kumar Programme Coordinator Krishi Vigyan Kendra, Sirohi Post Box No.- 15 District- Sirohi Pin code- 307 001 Rajasthan, India	02972 220244	9414447974	pckvksirohi@yahoo.com dileep251174@yahoo.com

1.4. Year of sanction: 16th September, 1989

1.5. Staff Position (as on 30th March, 2017)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/Others)	Mobile no.	Age	Email id
1	Programme Coordinator	Vacant										
2	Subject Matter Specialist	Dr. Dileep Kumar	Assist. Prof.	Ext. Edu.	15600-39100	31130	18.7.11	Temporary	SC	9414447974	43	Dileep251174@yahoo.com
3	Subject Matter Specialist	Vacant										
4	Subject Matter Specialist	Vacant										
5	Subject Matter Specialist	Vacant										
6	Subject Matter Specialist	Vacant										
7	Subject Matter Specialist	Vacant										
8	Programme Assistant	Ratan Singh Shaktawat	Field Investigator	-	Fixed-6000	6000	15.11.01	Temporary	Others		56	
9	Computer Programmer	Vacant										
10	Farm Manager	Vacant										
11	Accountant / Superintendent	Vacant										
12	Stenographer	Vacant										
13	Driver	Vacant										
14	Driver	Vacant										
15	Supporting staff	Chatar Singh	Class IV	-	5200-20200	10520	28.5.16	Temporary	Others			
16	Supporting staff	Narayan Singh	Class IV	-	5200-20200	7550	22.2.17	Temporary	Others			

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.5
2.	Under Demonstration Units	0.6
3.	Under Crops	11.0
4.	Orchard/Agro-forestry	2.0
5.	Others (specify)	18.9

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	2005	374.4	Kept with EO			
2.	Farmers Hostel	ICAR	1995	328.52	Kept with EO			
3.	Staff Quarters (6)	ICAR	2007	3365	Kept with EO			
4.	Demonstration Units (2)	ICAR	29.5.10	0.6	Kept with EO			
5	Fencing	ICAR	2011	Partial	Kept with EO			
6	Rain Water harvesting system	ICAR	2008	Completed	10.0			
7	Threshing floor	ICAR	2008	Completed	1.00			
8	Farm godown	ICAR	2009	Completed	Kept with EO			
9	Model Nursery	NHM	2009	Completed	18.0			
10	Goat Unit	ICAR	29.5.10	Completed	Kept with EO			
11	Fencing	RKVY	2012	Partial	Kept with EO			
12	Threshing floor	MIDH	2017	Completed	Kept with EO (10)			

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Motor cycle Hero Honda	8.3.1999	0.37	18655	Working
Jeep Bolero	24.4.2005	4.35	327205	Working
Tractor	31.03.1995	2.22	3421	Working
Motorcycle Hero Honda Passion Pro	26.3.2011	0.48700	16095	Working

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Photostat machine	31.03.04	0.57	Working
Camera	16.03.91	0.03	Not working
Computer-I	1998	-	Very old
Computer-II	12.08.05	0.30	Very old
Scan Jet	12.08.05	0.05	Not Working
LCD projector	11.10.05	0.85	Not Working
Over head projector	26.03.94	0.16	Not Working
Duplicating Machine	12.03.90	0.02	Not working
Cream Separator	12.03.99	0.035	Working
Fat machine	12.03.99	0.01	Working
Stitching machine	22.7.05	0.04	Working
Digital pH meter with ATC	09.02.05	0.09	Working
Digital conductivity meter	09.02.05	0.09	Working
Microprocessor scanning visible spectrophotometer	09.02.05	0.46	Working
Balance Digital	21.01.05	0.10	Working
Balance digital electronic	07.02.05	1.05	Working
Kjeldal Digestion and distillation	13.02.05	0.19	Working
Rotary shaker	13.02.05	0.26	Working
Digestion apparatus	14.02.05	0.13	Working
Micro Kjeldal Assembly	14.02.05	0.15	Working
Shaking machine	14.02.05	0.16	Working
Oven Memmert type	14.02.05	0.20	Working
YSPL Laboratory mill	14.02.05	0.30	Working
Distilling apparatus quartz and demountable panel series	14.02.05	0.74	Working
Electric rely unit	14.02.05	0.05	Working
Water softener	14.02.05	0.07	Working
Rectangular hot plate MAC MSW	18.02.05	0.17	Working
U controller flamphotometer	27.01.05	0.36	Working
Constant voltage transformer 500 V	10.03.05	0.10	Working
Constant voltage transformer 1 KVA	10.03.05	0.18	Working
Combine Eletrode Plate	10.03.05	0.05	Working
Conductivity Cell	10.03.05	0.05	Working
Optical glass cuvette for spectrophotometer	10.03.05	0.08	Working
Quartz glass cuvette for spectrophotometer	10.03.05	0.15	Working
Visible Lamp for spectrophotometer	10.03.05	0.03	Working
L.G. refrigerator	23.05.06	0.18	Working
Steel Elmira 78X36X10	18.03.05	0.35	Working
Steel Elmira 50X30X17	18.03.05	0.20	Working
Steel Rack with 6 shelves	18.03.05	0.16	Working
Steel shoe case 66X33X12 with 4 mm glass	18.03.05	0.26	Working
Office Table	18.03.05	0.10	Working
Office table with sun mica top	18.03.05	0.11	Working
Furniture			
Table	30.03.91	0.03	Working
Central table	28.03.91	0.007	Working
Library table with chair		0.13	Working
Chair steel tubular with back	12.02.91	-	Working
Class room Chair	20.3.97	0.16	Not working

Class room Chair	24.3.97	0.05	Not working
Revolving chair	12.03.90, 07.03.03 18.10.05	0.08	Not working Working
Executive Chair	31.3.97	0.06	Not working
TV Color	31.13.91	0.05	Not working
CD Player	31.12.91	0.01	Not working
Cooler	29.03.97	0.05	Not working
Wooden coat	21.03.97	0.05	Not working
Coir meterees	21.03.97	0.04	Not working
Iron Coat with nibar	22.3.97	0.11	Not working
Folding chair	21.12.91	0.003	Not working
Capsule Pipe Chair	31.3.97	0.07	Not working
Sofa set	17.06.97	0.02	Working
Iron board	12.02.90	-	Not working
Iron board	27.03.93	0.03	Not working
Board sun mica	31.03.90	-	Not working
Small board	16.12.91	0.03	Not working
Aluminum board	10.03.92	-	Not working
Board display	09.03.92	0.02	Not working
Glass board	25.03.97	0.06	Not working
Black board	09.03.92	-	Not working
Chalk board	18.03.02	0.01	Working
Ply wood board	31.03.94	0.015	Working
Dari (fars)	31.10.91	-	Working
Dari (fars)	23.03.97	0.02	Working
Almirah	11.02.93	0.11	Working
Almirah	24.03.97	0.02	Working
Almirah	31.03.90	0.001	Working
Almirah	17.03.94	0.08	Working
Almirah	24.03.97	0.03	Working
Stand for water	29.05.90	0.005	Not working
TV cabinet	15.03.95	0.03	Not working
HEDP PIPE	17.03.99	0.08	Not working
UPS System	-	-	Not working
Store bin	16.03.91	0.01	Not working
Iron box	23.03.97	0.04	Not working
Wooden bench	16.03.91	0.004	Not working
Iron Box	21.03.05	0.04	Not working
Spring Balance	31.03.03	0.02	Not working
Lecture stand	26.03.94	0.02	Working
Iron Box and Almirah	18.03.02	0.10	Working
Disc harrow	31.03.95	0.13	Not working
Disc plough	22.03.97	0.20	Not working
Trolley	31.03.95	0.31	Not working
Cultivator	22.03.01	0.06	Working
Cultivator with seed drill	31.03.95	0.08	Not working
Nine tine tiller	03.03.95	0.11	Not working
Bund Former	22.03.97	0.04	Not working
Land Leveler	22.03.97	0.03	Not working
Sprayer	31.03.90	0.002	Not working

Sprayer	19.12.91	0.006	Not working
Sprayer	20.03.99	-	Working
Knap sack sprayer	26.03.03	0.03	Working
Duster	31.03.94	-	Not working
Duster	28.03.03	0.03	Not working
Duster	29.03.97	0.01	Not working
Agri. Sprayer with hand compression	27.03.98	0.03	Not working
Agri decorticator with 1 hp	27.03.98	0.10	Not working
Seed dressing drum	29.03.97	0.03	Not working
Power sprayer	29.03.97	0.06	Not working
Rotary Hand Duster	20.03.99	0.12	Working
2F MB plough	20.03.99	0.10	Working
Seed cum Fertilizer drill	23.03.98	0.06	Not Working
Agriculture Fertilizer broad caster	23.03.98	0.04	Working
Messy Cultivator Hal	19.01.99	0.06	Working
LCD Projector	21.03.2007	98138	Working
Digital Camera	23.02.2010	23700	Not Working
Furniture (Conference Table-01, Chair-30)	26.02.2010	99989	Working
Generator	26.02.2010	49800	Working
FAX Machine	28.02.2010	14327	Not Working
EPBAX	2011	45064	Not Working
PA Syatem	2011	29800	Working
Power sprayer	2011	24993	Working
Computer	12.08.05	30800	Working
Desiel Engine	6.09.05	17200	Working
Scan Jet	11.03.2005	4450	Not Working
Stitiching Machine	9.07.07	10800	Working
Embrodary Machine	9.07.07	7900	Working
LCD Projector	16.09.05	82619	Working
Rotavator	6.06.06	49500	Working
Cultivator	2016		Working
AC	21.3.17 (2)		Working
Soil testing kit	2016		Working
Soil testing kit	2017		Working
Computer	2017		Working
LCD Projector	2017		Working

1.8. A). Details SAC meeting* conducted in the year

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	17.11.16	<p>1 Mkw- bZ"oj flag] funs"kd] izlkj f"kk{kk funs"ky;] d`f`k fo"fofokj;] tks/kiqj</p> <p>2 Mkw- vkj- ch- dkys] oSKkfud d`f`k izlkj] Hkkd`vuqi&d`f`k rdfudh vuqiz;ksx laLFkku] tks/kiqj</p> <p>3 Jh ftrsUnz dqekj eh.kk] MhMh,e] ukckMZ] fljksgh</p> <p>4 Jh ftrsUnz "kekZ] mi funs"kd] efgyk moa cky fodkl ifj;kstuk] fljksgh</p> <p>5 Mkw- lqnhl lksyadh] izHkkjh] i"qk fpdfRlk] izf"kk{k.k ,oa vuqla/kku dsUnz] fljksgh</p> <p>6 Jh ujir flag nsoMk] izxfr"ky d`kd] xkWo& lriqjk] ftyk& fljksgh</p> <p>7 Jh ekye flag] izxfr"ky d`kd] xkWo& euksjk] ftyk& fljksgh</p> <p>8 Jh ltuh xzkfl;k] izxfr"ky efgyk d`kd] xkWo& fctksyk Hkkxyh] ftyk& fljksgh</p> <p>9 Jh ujir flag jk.kkor] Isokfuo`r mi funs"kd] fu;ke] t;iqj</p> <p>10 Mkw- fnid jkBkSj] ofj`B i"qk fpdfRld] i"qkiky ds foHkkx] fljksgh</p> <p>11 Mkw- vkos"kk [kku] i"qk fpdfRld] i"qk fpdfRlk;] ikyMh ,e] fljksgh</p> <p>12 Jh dSyk"kk dqoj] izxfr"ky efgyk d`kd ,oa ljiap] xkWo& :[kkjk] ftyk& fljksgh</p> <p>13 Mkw- izdk"kk dqekj] ifj;kstuk funs"kd] vkRek] fljksgh</p> <p>14 Jh ccys"kk dqekj] d`f`k vuqla/kku vf/kdkjh] d`f`k</p>	<ul style="list-style-type: none"> • iihrk dh vkbZ vkbZ ,p vkj ls fudyh fdLeksa dks yxkdj fdLeksa dks fn;s tkosaaA • d`f`k foKku dsUnz QkeZ ij cht mRiknu ysuk pkfg,A • feV~Vh o ikuh dh tkWp d`f`k foHkkx ds lg;ksax ls djok dj c<k;k tkuk pkfg,A • vj.Mh dh Qly esa lsehywij dh leL;k ds fy, 20 tqykbZ ds ckn cqokbZ ds fy, crkuk pkfg,A • ;wfj;k feujy eksykfl CykWd dk xk;ksa ds nqX/k mRiknu esa o`f)A vks,QVh ds fy, Mkw iadt yokfu;k ls ckr djsA • i"qkiky ds izFke iafDr izn"kkZu esa xk;ksa dh uLy nqljh ysdj dk;Z djsaA • ,d izf"kk{k.k ,tkyk ij djokuk pkfg,A • MkbXuksLVhd fofV "kCn dk iz;ksx ugh djsaA 	

		foHkkx] ftyk ifj'kn] fljksgh 15 Jh ydek jke] d`f`k i;Zos{kd [kkEcy] d`f`k foHkkx] ftyk ifj'kn] fljksgh 16 MkW- fnyhi dqekj] dk;ZØe leUo;d] d`f`k foKku dsUnz] fljksgh 17 Jh jru flag "kDrkor] dk;Zdze lgk;d] d`f`k foKku dsUnz] fljksgh		
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Note : This yellow mark may be treated as an example

* Attach a copy of SAC proceedings along with list of participants

2. DETAILS OF DISTRICT (2016-17)

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1.	Agriculture
2.	Agriculture + Animal Husbandry
3.	Agriculture + Service
4.	Agriculture + Business

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

S. No	Agro-climatic Zone	Characteristics
1	Agro-climatic zone II b i.e. "Transitional plain of Luni Basin"	Irrigated, normal soil, rainfed, medium to deep soil
2	Zone IV a i. e. "Sub humid Southern plain and Aravali Hills"	Rainfed, medium textured, shallow to moderate deep, undulated and hilly, irrigated medium to heavy texture, moderately deep to very large

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1.	Sandy loam to loamy	Low N & P, Calcium carbonate concretions occurs at various depths influencing the effective soil depth salinity, sodicity in same area	315934
2.	Loamy sand to clay, loam lethosols	Low in N, medium in P and medium to high in K, low WHC, water erosion of soil is common	202013

2.4. Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
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1.	Wheat	34226	92031	26.88
2.	Barley	981	2730	27.90
3.	Gram	2961	2022	6.82
4.	Mustard	18751	22447	11.97
5.	Cumin	6393	3196	4.99
6.	Isabgol	193	96	4.97
7.	Groundnut	9307	18384	11.97
8.	Castor	40189	73619	18.32
9.	Bajra	8377	4211	5.02
10.	Sorghum	3438	1724	5.50
11.	Maize	20113	22530	11.20
12.	Sesame	20228	4046	2.00
13.	Cotton	1175	7050	60.00
14.	Arhar	120	61	5.08
15.	Green gram	4726	1419	3.00
16.	Black gram	1373	552	4.02
17.	Cow pea	387	155	4.00
18.	Fennel	8446	8443	9.99
19.	Guar	21199	8612	4.06

Source: DD Ag, Sirohi

2.5. Weather data

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum	
June, 16	15.44			
July, 17	225.14			
August, 17	429.3			
Sept., 17	0			
TOTAL	669.88			

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	3089		
<i>Indigenous</i>	191486		

Buffalo	186218		
Sheep			
Crossbred			
<i>Indigenous</i>	205736		
Goats	307708		
Pigs	530		
<i>Crossbred</i>			
<i>Indigenous</i>			
Rabbits			
Poultry			
Hens	52236		
<i>Desi</i>			
<i>Improved</i>			
Ducks			
Turkey and others			

Category	Area	Production	Productivity
Fish	Total available pond – 64		
<i>Marine</i>			
<i>Inland</i>			
Prawn			
Scampi			
Shrimp			

2.7 Details of Operational area / Villages (2016-17)

Sl. No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
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1	Reodar	Reodar	Dadarla	Mustard, Wheat, Cotton, Castor, Sesame, Green gram, Maize, Okra, Fennel	Low productivity of crops viz. castor, cotton, fennel and mustard Lack of knowledge Practicing broad cast method of sowing of mustard, wheat, Inefficient use of irrigation water Least adoption of horticultural crops Scarcity of irrigation water Low economic status of farm families Low milk yield of indigenous cattle, buffalo & goat Heavy attack of pest & disease in castor, tomato & fennel Mal nutrition in farm women & children	Front Line Demonstration Trainings for farmers and farm women Trainings for Rural youth Trainings for Extension functionaries Seed production Back Yard Poultry Farm
2			Positara	Wheat, Cotton, Sesame, Mustard, Green gram, Maize, Okra, Chilli, Bottle guard, Citrus, Fennel, papaya	-do-	-do-
3			Maliyo ki khera	Wheat, mustard, maize, cotton, sesame, green gram, castor, fennel	-do-	-do-
4			Bapuda	Mustard, wheat, cotton, castor, sesame, green gram, maize, okra, bottle guard, chilli, citrus	-do-	-do-

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Papaya, Citrus, mango, and ber in fruits, tomato and chillies in vegetables, fennel and cumin in spices	Diversification of existing cropping pattern by expanding area under horticulture.
Castor	High yielding varieties and Change in crop geometry
Cotton	Integrated pest management and INM
Fennel	High yielding varieties, Irrigation management and change in crop geometry.
Mustard	High yielding varieties and INM
Wheat	High yielding varieties
Maize	High yielding varieties
Green Gram	High yielding varieties and INM
Cluster bean	High yielding varieties
Sesame	High yielding varieties and INM
Cumin	High yielding varieties

Goat (Sirohi-goat)	Promotion of dual-purpose breed of goat (Sirohi-goat)
Cow and buffaloes	Improvement in local breeds of cow and buffaloes through scientific breeding, AI, feeding and management
Dry land farming	Promotion of dry land farming technologies in watershed areas of the district.
Castor, fennel and tomato	Popularization of IPM, IPNS, IWM technologies in commercial crops
Drudgery reducing measure	Introduction of drudgery reducing measure in agriculture and animal husbandry activities especially for women and improvement in health, hygiene and nutrition status of rural families and formation of Self Help Groups
Vocational training's for rural	Organizing vocational training's for rural youth on dairy management, nursery raising, cutting & tailoring and fruit & vegetable preservation

* An example for guidance only

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2016-17

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
0	0	0	0	60	106	150	265

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	24	38	670	918	103	222	1690	25358
Rural youth	0	1	0	8				

Extn. Functionaries	2	4	50	135				
TOTAL	26	43	720	1061				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
50	111		16000	28952	216

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various CROPS by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management	0			
	0			
Varietal Evaluation	0			
	0			
Integrated Pest Management	0			
	0			
Integrated Crop Management	0			
	0			
Integrated Disease Management	0			
	0			
Small Scale Income Generation Enterprises	0			
	0			

Weed Management	0		
	0		
Resource Conservation Technology	0		
	0		
Farm Machineries	0		
	0		
Integrated Farming System	0		
	0		
Seed / Plant production	0		
	0		
Post Harvest Technology / Value addition	0		
	0		
Drudgery Reduction	0		
	0		
Storage Technique	0		
	0		
Others (Pl. specify)	0		
	0		
Total			

Summary of technologies assessed under **livestock** by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Disease Management	0			
Evaluation of Breeds	0			
Feed and Fodder management	0			
Nutrition Management	0			
Production and Management	0			
Others (Pl. specify)	0			
Total				

Summary of technologies assessed under various **enterprises** by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
	0			
	0			

I.B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various CROPS by KVKs

Thematic areas	Crop	Name of the technology refined	No. of trials	No. of farmers
Integrated Nutrient Management	0			
	0			
Varietal Evaluation	0			
	0			
Integrated Pest Management	0			
	0			
Integrated Crop Management	0			
	0			
Integrated Disease Management	0			
	0			
Small Scale Income Generation Enterprises	0			
	0			
Weed Management	0			
	0			
Resource Conservation Technology	0			
	0			
Farm Machineries	0			
	0			
Integrated Farming System	0			
	0			
Seed / Plant production	0			
	0			
Value addition	0			
	0			
Drudgery Reduction	0			
	0			
Storage Technique	0			
	0			
Others (Pl. specify)	0			
	0			
Total				

Summary of technologies refined under various livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology refined	No. of trials	No. of farmers
Disease Management	0			
Evaluation of Breeds	0			
Feed and Fodder management	0			
Nutrition Management	0			
Production and Management	0			
Others (Pl. specify)	0			
Total				

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2015-16 and recommended for large scale adoption in the district

S. No	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
1	Sesame	ICM	Variety- RT-351	Training, demonstration and field days	10	112	65
2	Green gram	ICM	Variety-GM-4	Training, demonstration and field days	56	650	189
3	Castor	ICM	Variety- GCH-7	Training, demonstration and field days	175	1285	753
4	Mustard	ICM	Variety-RGN-229	Training, demonstration and field days			
5	Chick pea	ICM	Variety-GNG-1581	Training, demonstration and field days			
6	Wheat	ICM	Variety- Raj-4238	Training, demonstration and field days			

* **Thematic areas as given in Table 3.1 (A1 and A2)**

b. Details of FLDs implemented during 2016-17 (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.**)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Sesame	ICM	Variety- RT-351	Kharif, 16	20	50	30	20	50	669.88
2	Green gram	ICM	Variety-GM-4	Kharif, 16	20	50	26	24	50	669.88
3	Castor	ICM	Variety- GCH-7	Kharif, 16	16	40	19	21	40	669.88
4	Mustard	ICM	Variety-RGN-229	Rabi, 16-17	20	50	27	23	50	
5	Chick pea	ICM	Variety-GNG-1581	Rabi, 16-17	20	50	23	27	50	
6	Wheat	ICM	Variety- Raj-4238	Rabi, 16-17	10	25	8	17	25	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Sesame	Kharif, 16	Rainfed	Sandy loam	Low	Medium	High	Mustard	1-15/7/16	5-15/10/16	669.88	26
Green gram	Kharif, 16	Rainfed	Sandy loam	Low	Medium	High	Wheat	1-15/7/16	20-25/9/16	669.88	26
Castor	Kharif, 16	Irrigated	Sandy loam	Low	Medium	High	Mustard/wheat	1-5/8/16	20-25/3/17	669.88	26
Mustard	Rabi, 16-17	Irrigated	Sandy loam	Low	Medium	High	Green gram	10-25/10/16	1-15/2/17		
Chick pea	Rabi, 16-17	Irrigated	Sandy loam	Low	Medium	High	Maize	15-20/10/16	1-15/3/17		
Wheat	Rabi, 16-17	Irrigated	Sandy loam	Low	Medium	High	Green gram	15-20/11/16	1-10/4/17		

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Generally farmers used advance generation seed of Raj-4037 variety. Latest improved certified seed not used.
2	Low dose of nitrogen (22-37 kg N/ha).
3	No seed treatment.
4	Improper scheduling & depth of irrigation.
5	Weed infestation & Termite problem.

Farmers' reactions on specific technologies

S. No	Feed Back
1	Seed – Variety Raj-4238 very much liked by farmer because its matured in 125 days, bold seeded and brightness
2	GNG-1581 high yielding
3	RGN-229 variety is resistance to powdery mildew

Extension and Training activities under FLD

SI.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	6			Detail in extension activities
2	Farmers Training				
3	Media coverage				
4	Training for extension functionaries				

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)			Check	% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo					Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut																		
Sesamum																		
Sesamum	ICM	Seed	RT-351	50	20	7.50	3.50	5.42	4.34	24.88	16000	27100	11100	1.69	15500	21700	6200	1.40
Mustard																		
Mustard	ICM	Seed, Sulpher 80 WP	RGN-229	50	20	17.5	11.0	14.99	12.1	23.88	17800	53080	35280	2.98	15800	43200	27400	2.73
Toria																		
Linseed																		
Sunflower																		
Soybean																		

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Pigeonpea																		
Blackgram																		
Green gram	ICM	Seed, Rhizobium	GM-4	50	20	14	7	10.2	8	27.50	19500	53295	33795	2.73	17500	41800	24300	2.39
Chickpea	ICM	Seed, insecticide	GNG-1581	50	20	18.5	13.6	15.9	12.6	26.19	25900	75000	49100	2.90	23500	63500	40000	2.40
Fieldpea																		
Lentil																		
Horsegram																		

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Sugarcane																				
Potato																				
Medicinal & aromatic plants																				
Mentholment																				
Kalmegh																				
Ashwagandha																				
Fodder Crops																				
Sorghum (F)																				
Cowpea (F)																				
Maize (F)																				
Lucern																				
Berseem																				
Oat (F)																				

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** $BCR = \text{GROSS RETURN} / \text{GROSS COST}$

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)				
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)	
Cattle																		
Buffalo																		
Buffalo Calf																		
Dairy																		
Poultry																		
Sheep & Goat																		
Vaccination																		

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
 ** BCR= GROSS RETURN/GROSS COST

FLD on Demonstration details on crop hybrids *(Details of Hybrid FLDs implemented during 2016-17)*

Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average						
Oilseed crop													
Castor	Seed (GCH-7)	GCH-7	40	16	40.5	37.5	39.2	31.2	25.64	33800	113100	79300	3.35
Pulse crop													
Cereal crop													
Vegetable crop													
Fruit crop													
Other (specify)													

Note : Remove the Enterprises/crops which have not been shown

Others (pl specify)										
Total	2	31	2	33	23	0	23	54	2	56
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	1	13	0	13	9	0	9	22	0	22
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)	1	13	0	13	9	0	9	22	0	22
b) Fruits										
Training and Pruning										
Layout and Management of Orchards	3	51	0	51	35	0	35	86	0	86
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	3	51	0	51	35	0	35	86	0	86
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)	4	64	0	64	44	0	44	108	0	108
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management	1	17	0	17	9	0	9	26	0	26
Poultry Management	1	12	0	12	19	0	19	31	0	31

Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL	38	411	37	448	380	90	470	791	127	918

Training for Rural Youths including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)	1	8	0	8	0	0	0	8	0	8
RAWE programme										
TOTAL	1	8	0	8	0	0	0	8	0	8

Animal Nutrition Management										
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Others (pl. specify)										
Total										
Home Science										
Household nutritional security										
Economic empowerment of women										
Drudgery reduction of women										
Others (pl. specify)										
Total										
Agricultural Extension										
Capacity Building and Group Dynamics										
Others (pl. specify)	2	83	0	83	40	0	40	123	0	123
Total	2	83	0	83	40	0	40	123	0	123
GRAND TOTAL	9	113	30	143	100	90	190	213	120	333

Name of sponsoring agencies involved

ATMA, Sirohi, WDRA, New Delhi, NABARD, AH Department and Farmer to Farmer Project

Details of vocational training programmes carried out by KVKs for rural youth

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Commercial floriculture										
Commercial fruit production										
Commercial vegetable production										
Integrated crop management										
Organic farming										
Others (pl. specify)										
Total										
Post harvest technology and value addition										
Value addition										
Others (pl. specify)										
Total										
Livestock and fisheries										
Dairy farming										
Composite fish culture										
Sheep and goat rearing										
Piggery										
Poultry farming										
Others (pl. specify)										
Total										
Income generation activities										
Vermicomposting										
Production of bio-agents, bio-pesticides, bio-fertilizers etc.										
Repair and maintenance of farm machinery and implements										
Rural Crafts										
Seed production										
Sericulture										
Mushroom cultivation										
Nursery, grafting etc.										
Tailoring, stitching, embroidery, dying etc.										
Agril. para-workers, para-vet training										
Others (pl. specify)										
Total										
Agricultural Extension										
Capacity building and group dynamics										
Others (pl. specify) RAWA programme	1	8	0	8	0	0	0	8	0	8
Total	1	8	0	8	0	0	0	8	0	8
Grand Total	1	8	0	8	0	0	0	8	0	8

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	134	1977	134	2111
Diagnostic visits	0			
Field Day	6	230	13	243
Group discussions	1	53	3	56
Kisan Ghosthi	5	201	8	209
Film Show	7	205	9	214
Self -help groups	0			
Kisan Mela	1	539	10	549
Exhibition	3	20902	24	20926
Scientists' visit to farmers field	59	710	63	773
Plant/animal health camps	0			
Farm Science Club	0			
Ex-trainees Sammelan	0			
Farmers' seminar/workshop	1	65	9	74
Method Demonstrations	1	25	2	27
Celebration of important days	2	64	5	69
Special day celebration	1	65	10	75
Exposure visits	1	25	1	26
Others (pl. specify) Farmer Scientist Interaction	1	25	8	33
Total	222	25061	297	25358

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	1
Extension Literature	1
News paper coverage	12
Popular articles	0
Radio Talks	2
TV Talks	6
Animal health camps (Number of animals treated)	0
Others (pl. specify)	0
Total	22

Name of KVK	Message Type	Type of Messages					Total
		Crop	Livestock	Weather	Marketing	Aware-ness	
SIROHI	Text only	25					25
	Voice only						
	Voice & Text both						
	Total Messages						
	Total farmers Benefitted	525					525

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
1	Gosthies	1	29	Improved agricultural activities
	Lectures organised			
	Exhibition			
	Film show			
	Fair			
	Farm Visit			
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
Distribution of Livestock specimen (No.)				
Total number of farmers visited the technology week				

VI. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals						
	Wheat	RAJ-4238		16		
Oilseeds						
	Mustard	Girraj		30		
Pulses						
	Green gram	GM-4		56		
Commercial crops						
Vegetables						
Flower crops						
Spices						
	Cumin	GC-4		7		
Fodder crop seeds						
Fiber crops						
Forest Species						

Others						
Total						

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial						
Vegetable seedlings						
Fruits						
	Papaya		Red lady	25489	382235	120
	Lime	Kagzi		3463	69260	96
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species						
Others						
Total						

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity	Value (Rs.)	No. of Farmers
		Kg		
Bio Fertilisers		0		
		0		
		0		
Bio-pesticide		0		
		0		
		0		
Bio-fungicide		0		
		0		
		0		
Bio Agents		0		
		0		
		0		
Others		0		
		0		
Total		0		

Table: Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify) Goat and Buck (Sirohi)	Sirohi	15	120000	15
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Others (Pl. specify)				
Total				

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)	No. of soil health cards distributed
Soil	73	73	10		73
Water					
Plant					
Manure					
Others (pl.specify)					
Total	73	73	10		73

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Date of SAC Meeting	Participants
KVK, Sirohi	17.11.2017	19

IX. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution
	0

X. PUBLICATIONS

Category	Number
Research Paper	0
Technical bulletins	0
Technical reports	
Others (pl. specify)	
MPR, QPR, APR, Action Plan, Mid review, ZREACs, SAC, etc.	25

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

Activities conducted				
No. of Training programmes	No. of Demonstration s	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)

XII. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTORM/COLD WAVES ETC

Introduction of alternate crops/varieties

Crops/cultivars	Area (ha)	Extent of damage	Recovery of damage through KVK initiatives if any
Total			

Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds		
Pulses		
Cereals		
Vegetable crops		
Tuber crops		
Total		

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No. of participants

Animal health camps organised

Number of camps	No. of animals	No. of farmers

Seed distribution in drought hit states

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

Large scale adoption of resource conservation technologies

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

Awareness campaign

	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
Total												

XIII. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total				

B. HRD activities organized in identified areas for KVK staff by ATARI

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Oilseed (NMOOP)	1	1	
Pulses (NFSM)	1	1	
Post office linkage project	1	1	
Total	3	3	

XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

TITLE : New variety of castor of GCH-7

Introduction

Shri Devendra Singh, Village: Tokra, Tehsil: Reodar, District : Sirohi .He is Graduate and his family members illiterate. he is cultivating of castor since long time. He has a 50.0 ha own land .In the cultivation of castor crop earn less and crop affected by wilt disease. Shri Devendra Singh is very progressive farmers about the new cultivation as well adoption of new technology. In the year 2013-14 Shri Devendra Singh came to KVK and gave the advice by KVK. Scientist motivated him to grow of new variety of Castor i.e. GCH-7. All the feature of the variety was discuss especially this variety resistant to Wilt of Castor. The disease of wilt is very common in the area, it is very big problems for castor growers in the area. Shri Devendra Singh was agree to grow the new seed of castor i.e. GCH-7. KVK was provided the seed (2.0kg) of castor variety under the FLD allotment in only 0.4 ha

KVK intervention : Introduce GCH-7 variety of castor.

Output : Now a day many famers of the area are grown GCH-7 variety of castor. It covers more than 50 percent of the total cultivated area of castor in the district.

Outcome: The farmers are very glad to spread the castor variety of GCH-7 in the district as well all the growers of castor are minimize the wilt problems in the district. The variety is resistant to castor wilt and also high yielding.

Impact : The Socio economic status of the farmers are improve by the resistant variety as well as high yielding of castor. The increase the average yield of the district as well as nation and very good source to earn foreign money.

XIII. STATUS REVOLVING FUNDS

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
April 2014 to March 2015	1166644.49	1505185.62	2150002	521828.11
April 2015 to March 2016	521828.11	754477	847363	428942.11
April 2016 to March 2017	428942.11	1563331.76	1206847	785426.87