

ANNUAL PROGRESS REPORT

January 2019 to December 2019

KVK-Rajgarh

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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 Lady finger).
Fruits:- Mango, Guava, Custard apple, Pear etc.
Spices:- Black Peeper, Turmeric, Ginger, Cardamom etc.**

REPORTING PERIOD – January 2019 to December 2019
Summary of KVK Annual Report (Quantifiable Achievement) for the year 2019

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	12	60	
	On Going OFT	12	60	
	Technologies assessed (Completed OFT)	-	-	
	Technologies refined	-	-	
	On farm trials conducted	12	60	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	12	120	
	On Going Frontline demonstrations	6	60	
	FLDs conducted on crops	6	60	
	Area under crops (ha.)	24	60	
	FLD on farm implement and tools			
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)			
	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.)	4	40	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	60	60	1500
	Farm women	20	20	500
	Rural youth	05	15	175
	Extension personnel/ In service	05	20	150
	Vocational trainings	04	08	100
	Sponsored Training	50	50	2500
	Total	02	50	40
		No. of programmes	Participants	
4	Extension Programmes	26	3050	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	113	40	
	Planting material produced (nos.)	15000	450	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	6	1	
	Milk Yield - Cow, Buffelo etc. (in liter)	132	100	
	Fish (Kg.)	-	-	
	Fingerlings (nos.)	-	-	
	Poultry-Eggs (nos.)	-	-	
	Ducks (nos.)	-	-	
	Chicks etc. (nos.)	-	-	
7	Bio Products	Qty	Beneficiaries (nos.)	
	Bio Agents -Earth worm (Kg.)	50	25	

	Trichoderma (kg.)		
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)		
	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)		
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)		
	KVK News letter	02	-
	SAC Meetings conducted	02	48
	Soil sample tested	1000	1000
	Water sample tested	50	50
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	03	128
	KVK-KMA (Message and beneficiaries)	35	69000
	Convergence programmes	05	500
	Sponsored programmes	05	mass
	KVK Progressive Farmers interaction	02	200
	No. of Technology Week Celebrations	02	125
	Attended HRD activities organized by ZPD	05	05
	Attended HRD activities organized by DES	06	06
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	02	02
9	Current status of Revolving Funds (Amt. in Rs.)		
10		No. of blocks	No. of villages
	Outreach of KVK in the District	06	510
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)	-	11 10
12		Working (Yes/No)	No. of Update
	Status of KVK Website	Yes	-
13		Application received	Application disposed
	Status of RTI (nos.)	No	No
14		Query received	Query dissolved
	Citizen Charter (nos.)	-	-
15		Filled	Vacant
	Staff Position	5	11
16	Workshop/ Seminar/ Conference attended by staff of KVK (nos)		5
17	Publication received from ICAR /other organization (nos.)		-
18		Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	-	-
19	Activities performed in Sansad Adarsh Gram	Nos. of Activities	Participants/ beneficiaries
		24	510
20	Current status of Contingency (Amt. in Rs.)		

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on December, 2019

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

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Category
Rajgarh	Sr. Scientist & Head								
Rajgarh	SMS/ Scientist 1	Dr. Akhilesh Shrivastava	Home Science	P.hd	Processinge	15600-39100+ 8000	40360	14.06.1995	Temporary
Rajgarh	SMS/ Scientist 2	Dr. Lal Singh	Horticulture	P.hd	Fruite Science	15600-39100+ 8000	25110	05.02.2007	Temporary
Rajgarh	SMS/ Scientist 3	Dr. Bhagwan Kumrawat	Soil Science	M.Sc	Soil cemistry	15600-39100+ 8000	27810	26.03.2007	Temporary
Rajgarh	SMS/ Scientist 4	-	-	-	-	-	-	-	-
Rajgarh	SMS/ Scientist 5	-	-	-	-	-	-	-	-
Rajgarh	SMS/ Scientist 6	-	-	-	-	-	-	-	-
Rajgarh	Programme Assistant	-	-	-	-	-	-	-	-
Rajgarh	Farm Manager	-	-	-	-	-	-	-	-
Rajgarh	Computer Programmer	-	-	-	-	-	-	-	-
Rajgarh	Accountant / superintendent	-	-	-	-	-	-	-	-
Rajgarh	Stenographer	-	-	-	-	-	-	-	-
Rajgarh	Driver	Rajesh Mahobiya	Driver	H.S.C	Driver	27000	27000	08.07.2008	Temporary
Rajgarh	Driver								
Rajgarh	Supporting staff, if any	Zameel Khan	TSL	8 th	-	24900	24900	24.05.2003	Temporary
Rajgarh	Supporting staff, if any								

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
Rajgarh	Malwa Plateau	6	627	1545814	54.05	218707	340264	1-2 ha

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Rajgarh MP	Dhatrawada	2018	Zeerapur	52 km	875	530
Rajgarh MP	Naiheda	2018	Zeerapur	48 km		
Rajgarh MP	Morchakhedii	2019	Biaora	50		
Rajgarh MP	Bhawanipura	2019	Narsingh	80	512	

1.4. THRUST AREAS identified by KVK

KVK Name	THRUST AREA
Rajgarh	Early maturing & stress tolerant varieties of major crops
Rajgarh	Technologies of crop cultivation & protection during dry spell condition in kharif
Rajgarh	Production & utilization of farm waste for organic manuring to improve soil health
Rajgarh	Crop diversification
Rajgarh	Entrepreneurship development among the rural youth
Rajgarh	Drudgery reduction in warm women
Rajgarh	Breed improvement in livestock
Rajgarh	Feasible soil and water conservation techniques & NRM

1.5. PROBLEM IDENTIFIED by KVK

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Rajgarh	Indigenous seed and planting materials	PRA survey /group discussion	Naiheda, Morchkhedi, Bhawanipura, Dhatravda
Rajgarh	Imbalance use of fertilizer	PRA survey /group discussion	Naiheda, Morchkhedi, Bhawanipura, Dhatravda
Rajgarh	Lack of knowledge about judicious uses of pesticides and fertilizer	PRA survey /group discussion	Naiheda, Morchkhedi, Bhawanipura, Dhatravda
Rajgarh	Unawareness about judicious use of irrigation water	PRA survey /group discussion	Naiheda, Morchkhedi, Bhawanipura, Dhatravda
Rajgarh	Infestation of Weed and pest	PRA survey /group discussion	Naiheda, Morchkhedi, Bhawanipura, Dhatravda
Rajgarh	Unemployment of rural population	PRA survey /group discussion	Naiheda, Morchkhedi, Bhawanipura, Dhatravda
Rajgarh	Migration for livelihood during lien period	PRA survey /group discussion	Naiheda, Morchkhedi, Bhawanipura, Dhatravda
Rajgarh	Drudgery in farm women	PRA survey /group discussion	Naiheda, Morchkhedi, Bhawanipura, Dhatravda
Rajgarh	Lack of knowledge about use of farm implements	PRA survey /group discussion	Naiheda, Morchkhedi, Bhawanipura, Dhatravda
Rajgarh	Unawareness about value addition	PRA survey /group discussion	Naiheda, Morchkhedi, Bhawanipura, Dhatravda
Rajgarh	Unawareness about scientific livestock management	PRA survey /group discussion	Naiheda, Morchkhedi, Bhawanipura, Dhatravda

2. On Farm Testing (OFT)

Note-

- ❖ Thematic area should be spelled correct and select only on the given list.
- ❖ 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
- ❖ Kindly mention realistic estimated yield of your crop under trail.
- ❖ If crop has been not yet harvested, mark it * on that

Thematic Areas for OFT/FLD

Thematic Areas for OFT/FLD	Parameters Name and unit
OFT/FLD on Crops	
Agro Forestry	Yield q/ha
Crop Diversification	insect population/plant
Integrated Crop Management	No of pods/plant, No of Siliquae/plant, No. of Grain / pod
Integrated Farming system	Rhizome wt/Plant(g)
Integrated Disease Management	Disease incidence (%)
Integrated Nutrient Management	No of effective tillers/hill
Integrated Weed Management	No of weeds/m ²
Varietal Evaluation	Plant Height(cm), No of pods/plant, No of Siliquae/plant, No. of Grain / pod, Fruit wt(g)
Integrated Pest Management	Insect Infestation (%), No. of Larvae or insect / meter row length
Integrated Plant Nutrient Management	No of pods/plant, No of Siliquae/plant, No. of Grain / pod Fruit Length(cm) , Fruit wt(g), No of nodules/plant
Feed and Fodder Production	Fruit Length(cm) ,
Resource conservation Technology	Plant Height(cm),
Soil Fertility Management	No of Cobs/plant
	No of Larvae/m ²
	No of Panicles/m ²
	No of Tillers/hills
	No of Bulb weight(g)
	No of Grains/panical
	No. of tubers/plant
	Weight of Curd/head (g/plant)
	No. of Siliquae or Capsule /plant
	Seedling Germination (%)
OFT/FLD on Agriculture Engineering	
Farm Mechanization	Yield (q/ha)

Resource Conservation Technology	Field Capacity (ha/hr)
Post-Harvest Management	Cleaning efficiency %
Storage loss minimization Technology	Cleaning Capacity q/hr
Small Farm Implements	weed population per m ²
	tillers/plant
	water inefficiency
	irrigation efficiency
OFT/FLD on Animal Science	
Animal Feed / Fodder Management	Milk yield (Lit/day/animal)
Animal Disease Management	Change in body weight(kg)
Animal Nutrition Management	Egg Production/bird/year
Livestock production & management	% decrease in Worm
Animal breed evaluation	Parasite control (%)
Poultry Production and management	Body weight at 6 month (kg/goat)
	Parasite infestation (%)
	Live weight (kg/bird) at 3 Month
	Growth Rate (90 days)
	Yield q/ha (Fodder)
	Mortality %
	Feed intake(%)
	Disease infestation(%)
OFT/FLD on Fisheries	
Fingerling Production in Seasonal Ponds	Yield (q/ha)
Composite Fish Farming	Yield (q/ha), ABW (kg)
Fish Nutrition	Survival Rate (%)
Fish-cum-Duck Farming	Disease incidence (%)
Fish Production & Management	
Fish Breeding	
Fish Seed Production	
Spawn to fry production	
Integrated Farming System	

2.1 Information about OFT:

Title of on-farm trial:	Assessment of K and S application in Onion
Year/Season:	Kharif 2019
Farming situation:	Irrigated
Problem diagnosis:	Low yield
Thematic area:	SFM
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	NPK- 100:50:0
T2 –Recommended Practice-	NPK- 100:60:60
T3- Recommended Practice-	NPKS- 100:60:60:40
Date of sowing:	15/08/2019
Date of harvesting:	15/10/2019
Source of technology:	RVSKVV
Characteristics of technology:	Remunerative, Sustainable
Name of Crop/Enterprises:	Kharif
Recommendations for Farmers	NPKS- 100:60:60:40
Recommendations for Deptt. Personnel	NPKS- 100:60:60:40
Feedback	Remunerative, Sustainable

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter Weight of bulb (g)	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	75		30500	52400	21900	1.72
T2(Recommended Practice)	86		35500	68900	33400	1.94
T3(Recommended Practice)	88		35500	70700	35200	1.99

2.1 Information about OFT:

Title of on-farm trial:	Assessment of S and Zn application in Soybean
Year/Season:	Kharif 2019
Farming situation:	Rainfed
Problem diagnosis:	Low yield
Thematic area:	SFM
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	NPK- 20:50:0
T2 –Recommended Practice-	NPKS- 20:60:30:20
T3- Recommended Practice-	NPKSZn- 20:60:30:20:5
Date of sowing:	28/07/2019
Date of harvesting:	18/10/2019
Source of technology:	RVSKVV
Characteristics of technology:	Sustainable
Name of Crop/Enterprises:	Kharif
Recommendations for Farmers	NPKSZn- 20:60:30:20:5
Recommendations for Deptt. Personnel	NPKSZn- 20:60:30:20:5
Feedback	Sustainable

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter No of pods/plant	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	18.7		16500	36200	19700	2.19
T2(Recommended Practice)	21.9		17500	43300	25800	2.47
T3(Recommended Practice)	24.3		17500	46200	28600	2.63

2.1 Information about OFT:

Title of on-farm trial:	Assessment of Improve variety of Kharif Onion
Year/Season:	Kharif 2019
Farming situation:	Irrigated
Problem diagnosis:	Low yield
Thematic area:	VE
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	N-53
T2 –Recommended Practice-	AFDR
T3- Recommended Practice-	Bhima super
Date of sowing:	07/08/2019
Date of harvesting:	16/12/2019
Source of technology:	DOGR, Puna Maharashtra
Characteristics of technology:	Suitable for Kharif Season, High Yielding
Name of Crop/Enterprises:	Kharif
Recommendations for Farmers	Bhima super
Recommendations for Deptt. Personnel	Bhima super
Feedback	Suitable for farmer's field in Rajgarh District

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter No of pods/plant	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	78		68000	234180	166180	3.44
T2(Recommended Practice)	89		70000	260175	190175	3.72
T3(Recommended Practice)	92		70000	297555	227555	4.25

2.1 Information about OFT:

Title of on-farm trial:	Assessment of Improved variety of Cow Pea
Year/Season:	Kharif 2019
Farming situation:	Rainfed
Problem diagnosis:	Low yield
Thematic area:	VE
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	
T2 –Recommended Practice-	Kashi Kanchan
T3- Recommended Practice-	Kashi Nidhi
Date of sowing:	18/07/2019
Date of harvesting:	28/11/2019
Source of technology:	IIVR Vanarash
Characteristics of technology:	
Name of Crop/Enterprises:	Cow pea
Recommendations for Farmers	Kashi Nidhi
Recommendations for Deptt. Personnel	Kashi Nidhi
Feedback	Suitable of Rajgarh

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter No. of Branches/Plant	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	23.2		40000	196380	156380	4.9
T2(Recommended Practice)	27.39		45000	249408	204408	5.54
T3(Recommended Practice)	29.42		45000	256914	211914	5.71

2.2. Information about Extension OFT:

Title	-
Season & Year	-
Problem identified	-
Thematic Area	-
Farming situation	-
Name of Technology under study	-
Farmers Practice	-
No. of replication (Farmers)	-

Results / findings

Performance indicators/ parameters	Unit/ details
-	-

2.3. Information about Home Science OFT:

Title of on-farm trial:	Assessment of Twin Wheel hand hoe
Year/Season:	Kharif 2019
Problem diagnosis:	Low yield
Thematic area:	DR
No of trials:	15
No. of farmers/farm women involved	15
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment:	
T1 – Farmers Practice-	-
T2 –Recommended Practice-	-
Source of technology:	-
Characteristics of technology:	Twin Wheel hand hoe
Name of Crop/Enterprises:	-
Farming situation:	Rainfed
Date of sowing:	-
Date of harvesting:	-
Recommendations for Farmers	-
Recommendations for Deptt. Personnel	-
Feedback	Sustainable

(A) Economic Performance Home Science OFT: (For Drudgery Reduction)

Detail of Technology	Output *	Est. Energy Expenditure kj/min	WHR beat/min	% reduction in drudgery	% increase in efficiency	Cardiac Cost of Work	% Saving of cardiac Cost
T ₁ (Farmers Practices)	20	26	35	-	-	75	-
T ₂ (Recommended Practices)	50	50	102	-	2	300	-
T ₃ (Recommended Practices)	-	-	-	-	-	-	-

2.3. Information about Home Science OFT:

Title of on-farm trial:	Assessment of Fruit Harvester
Year/Season:	Kharif 2019
Problem diagnosis:	Low yield
Thematic area:	DR
No of trials:	15
No. of farmers/farm women involved	15
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment:	
T1 – Farmers Practice-	-
T2 –Recommended Practice-	-
Source of technology:	-
Characteristics of technology:	Fruit Harvester
Name of Crop/Enterprises:	-
Farming situation:	Rainfed
Date of sowing:	-
Date of harvesting:	-
Recommendations for Farmers	-
Recommendations for Deptt. Personnel	-
Feedback	Sustainable

(A) Economic Performance Home Science OFT: (For Drudgery Reduction)

Detail of Technology	Output *	Est. Energy Expenditure kj/min	WHR beat/min	% reduction in drudgery	% increase in efficiency	Cardiac Cost of Work	% Saving of cardiac Cost
T ₁ (Farmers Practices)	22	-	54	-	-	50	-
T ₂ (Recommended Practices)	31	-	87	-	3	100	-
T ₃ (Recommended Practices)	-	-	-	-	-	-	-

2.3. Information about Home Science OFT:

Title of on-farm trial:	Assessment of Fertilizer Broadcaster
Year/Season:	Kharif 2019
Problem diagnosis:	Low yield
Thematic area:	DR
No of trials:	15
No. of farmers/farm women involved	15
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment:	
T1 – Farmers Practice-	-
T2 –Recommended Practice-	-
Source of technology:	-
Characteristics of technology:	Fertilizer Broadcaster
Name of Crop/Enterprises:	-
Farming situation:	Rainfed
Date of sowing:	-
Date of harvesting:	-
Recommendations for Farmers	-
Recommendations for Deptt. Personnel	-
Feedback	Sustainable

(A) Economic Performance Home Science OFT: (For Drudgery Reduction)

Detail of Technology	Output *	Est. Energy Expenditure kj/min	WHR beat/min	% reduction in drudgery	% increase in efficiency	Cardiac Cost of Work	% Saving of cardiac Cost
T ₁ (Farmers Practices)	0.25	-	75	-	-	50	-
T ₂ (Recommended Practices)	0.5	-	112	-	-	100	-
T ₃ (Recommended Practices)	-	-	-	-	-	-	-

2.3. Information about Home Science OFT:

Title of on-farm trial:	Assessment of Hand Ridger
Year/Season:	Kharif 2019
Problem diagnosis:	Low yield
Thematic area:	DR
No of trials:	15
No. of farmers/farm women involved	15
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment:	
T1 – Farmers Practice-	-
T2 –Recommended Practice-	-
Source of technology:	-
Characteristics of technology:	Hand Ridger
Name of Crop/Enterprises:	-
Farming situation:	Rainfed
Date of sowing:	-
Date of harvesting:	-
Recommendations for Farmers	-
Recommendations for Deptt. Personnel	-
Feedback	Sustainable

(A) Economic Performance Home Science OFT: (For Drudgery Reduction)

Detail of Technology	Output *	Est. Energy Expenditure kj/min	WHR beat/min	% reduction in drudgery	% increase in efficiency	Cardiac Cost of Work	% Saving of cardiac Cost
T ₁ (Farmers Practices)	0.005	-	52	-	-	70	-
T ₂ (Recommended Practices)	0.01	-	101	-	-	150	-
T ₃ (Recommended Practices)	-	-	-	-	-	-	-

*Kindly use Unit as per the machine/implement/equipment used for drudgery reduction

(B) Economic Performance Home Science OFT: (For Income Generation) Enterprises wise

Name of Enterprise : -.....

Detail of Technology	Parameter of enterprise	Production per unit (qt/no/lit)	Average Cost of input (Rs/unit)	Average Gross Return (Rs/unit)	Average Net Return (Rs/unit)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T ₁ (Farmers Practices)	-	-	-	-	-	-
T ₂ (Recommended Practices)	-	-	-	-	-	-
T ₃ (Recommended Practices)	-	-	-	-	-	-

(C) Economic Performance Home Science OFT: (For value addition)

Detail of Technology	Composition of product	Production per unit	Average Cost of input (Rs/unit)	Average Gross Return (Rs/unit)	Average Net Return (Rs/unit)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T ₁ (Farmers Practices)	-	-	-	-	-	-
T ₂ (Recommended Practices)	-	-	-	-	-	-
T ₃ (Recommended Practices)	-	-	-	-	-	-

(D) Economic Performance Home Science OFT: (For Nutritional security)

Name of Enterprise /product: -.....

Detail of Technology	Name of Product /enterprise	Per capita Consumption gm/ day	Nutrient Intake (Unit)				Anthropometric measurements		
			Energy (kcal)	Protein (gm)	Iron (mg)	Calcium (mg)	Increase in Weight (Kg)	Increase in Height (cm)	BMI ((Weight (Kg)/ (Height(in m) * Height(in m)))
T ₁ (Farmers Practices)	-	-	-	-	-	-	-	-	
T ₂ (Recommended Practices)	-	-	-	-	-	-	-	-	
T ₃ (Recommended Practices)	-	-	-	-	-	-	-	-	

3. Achievements of Frontline Demonstrations (FLD)

3.1 Details of FLDs on Crop implemented during Jan-2019 to Dec-2019

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop Category	Name of Crop	Name of Variety	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha)	Results (q/ha)		% change	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Rajgarh	2019	Khari f	INM	Targeted yield equation NPKS Zn- 30:60:20:20:5	Oilseed	Soybean	JS 9560	rainfed	Completed	2	14.6	17.4	19.18	2		3	2	10
Rajgarh	2019	Khari f	INM	NPK- 120:60:40	Cereal	Maize	JM 16	rainfed	Completed	2	39.3	44.5	13.23	2		6	2	10
Rajgarh	2019	Khari f	HOF	NAA @ 100 PPM , 2,4-D 30 PPM and GA3 @ 100 PPM	Fruits	Mandarin	Naguri Mandarin	rainfed	Completed	2	-	-	-	2	-	4	4	10
Rajgarh	2019	Khari f	HOV	NAA @ 40 PPM and GA3 @ 50 PPM	Vegetables	Chillie	Sonal	rainfed	Completed	2	167.3	210.2	26.94	2	1	4	3	10
Rajgarh	2019-20	Rabi	INM	Demonstration on targeted yield equation in Wheat	Cereal	Wheat	Malav Shakti	irrigated	Ongoing	2	-	-	-	2		6	2	10
Rajgarh	2019-20	Rabi	INM	Demonstration on INM in Gram	Pulses	Gram	RVG2	irrigated	Ongoing	2	-	-	-	3	-	5	2	10

Rajgarh	2019-20	Rabi	HOV	Demonstration on Plant Growth regulator in Onion	Vegetable	Onion	AFLR	irrigated	Ongoing	2	-	-	-	2	1	4	3	10
Rajgarh	2019-20	Rabi	HOV	Demonstration on Improved variety of Coriander Var. Ajmer Dhaniya-1	Vegetable	Coriander	Ajmer Dhaniya-1	irrigated	Ongoing	2	-	-	-	2	-	4	4	10

3.2 Economic Impact of Crop FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	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)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Rajgarh	Targeted yield equation NPKS Zn-30:60:20:20:5	Soybean	No of pods/plant	21.1	25.2	17500	21000	39000	46500	21500	25500	2.23	2.21
Rajgarh	NPK- 120:60:40	Maize	No of Cobs/plant	1.1	1.5	19500	21500	58300	69100	38800	47600	2.99	3.21
Rajgarh	NAA @ 100 PPM , 2,4-D 30 PPM and GA3 @ 100 PPM	Mandarin	-	-	-	-	-	-	-	-	-	-	-
Rajgarh	NAA @ 40 PPM and GA3 @ 50 PPM	Chillie	-	39	57	40000	45000	167210	210120	127310	164715	3.21	3.75
Rajgarh	Demonstration on targeted yield equation in Wheat	Wheat	-	-	-	-	-	-	-	-	-	-	-
Rajgarh	Demonstration on INM in Gram	Gram	-	-	-	-	-	-	-	-	-	-	-
Rajgarh	Demonstration on Plant Growth regulator in Onion	Onion	-	-	-	-	-	-	-	-	-	-	-
Rajgarh	Demonstration on Improved variety of Coriander Var. Ajmer Dhaniya-1	Coriander	-	-	-	-	-	-	-	-	-	-	-

3.3 Details of FLDs on Agriculture Engineering implemented during Jan-2019 to Dec-2019

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/Enterprise Category	Name of Crop/Enterprise	Name of Variety/Tech/Enterprise	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha) / Enterprise - No.	Results (q/ha)		% change	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.4 Economic Impact of Agriculture Engineering FLD

KVK Name	Technology demonstrated	Name of Crop/Enterprise	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)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-

3.5 Details of FLDs on Animal Science implemented during Jan-2019 to Dec-2019

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/Enterprise Category	Name of Crop/Enterprise	Name of Variety/Tech/Enterprise	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha) / Enterprise - No.	Results (q/ha)		% change	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.6 Economic Impact of Animal Science FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	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)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-

3.7 Details of FLDs on Fishery implemented during Jan-2019 to Dec-2019

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/ Enterprise Category	Name of Crop/ Enterprise	Name of Variety/Tech nology / Enterprise	Farming Situation (rainfed/irrig ated/semi-irrigated)	Comple ted/Ongo ing	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% chang e	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	S T	Oth ers	Gener al	Total
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.8 Economic Impact of fishery 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)
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-

3.9 Information about Home Science FLDs - (For All Thematic Area)

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/ Enterprises	Crop-Area (ha) / Entrep - No.	Results		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Rajgarh	2019	Kharif	DR	Naveen Seed Dibbler	Vegetable Seed		2				2	1	4	3	10
Rajgarh	2019	Kharif	DR	CIAE Seed drill	ICPH-2671		2				3	1	4	2	10
Rajgarh	2019	Kharif	DR	Demonstration on Lady Finger pluckker	Lady Finger plucker		2				4	0	5	1	10
Rajgarh	2019	Kharif	DR	Demonstration on V-Blade Hand Hoe	V-Blade Hand Hoe		2				4	0	6	0	10

Economic Performance Home Science FLD: (Drudgery Reduction)

KVK name	Technology demonstrated	Performance Indicator / Parameter													
		Output *		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Rajgarh	Naveen Seed Dibbler	150M/h	120	-	-	104	104	13	-	62	-	-	-	300	50
Rajgarh	CIAE Seed drill	410m/h	29	-	-	135	119	87	-	180	-	-	-	1500	75
Rajgarh	Demonstration on Lady Finger pluckker	148	55	-	-	125	100	43	-	3	-	-	-	-	-
Rajgarh	Demonstration on V-Blade Hand Hoe	21	9	-	-	14	-	56	-	2	-	-	-	-	-

*Kindly use Unit as per the machine/implement/equipment used for drudgery reduction

Economic Performance Home Science FLD: (Income Generation)

KVK name	Technology demonstrated	Performance Indicator / Parameter												
		Production per unit (Q/No/Lit)		Average Cost of input (Rs/unit)		Average Gross Return(Rs/unit)		Average Net Return(Rs/unit)		Benefit-Cost Ratio (Gross Return / Gross Cost)				
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2			
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Economic Performance Home Science FLD: (For value addition)

KVK name	Technology demonstrated	Performance Indicator / Parameter											
		Composition of product		Production per unit (Q/ Lit)		Average Cost of input (Rs/unit)		Average Gross Return (Rs/unit)		Average Net Return (Rs/unit)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-

Economic Performance Home Science FLD: (For Nutritional security)

KVK name	Technology demonstrated	Performance Indicator / Parameter				Nutrient Intake (Unit)						Anthropometric measurements							
		Name of Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		BMI ((Weight (Kg)/ (Height(in m) * Height(in m))))	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.10 Training and Extension activities conducted under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Rajgarh	-	-	-	-	-

3.11 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.
Rajgarh	-	-	-	-	-	-

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
Rajgarh	-	-	-	-

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Rajgarh MP	1. Refinement of women friendly tools.
Rajgarh MP	2. Long dry spell Kharif varieties for vegetable, spices, cereals and oil seed crops
Rajgarh MP	3. Long Duration training for updating the KVK scientist in latest innovations

4.3. 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
Rajgarh	OFC	PRA		Mass
Rajgarh	ONC	GD		55
Rajgarh	RY	GD		48
Rajgarh	EXP	Matrix Ranking		47

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 for Farmers

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants											
								Gen		SC		ST		Others					
								M	F	M	F	M	F	M	F				
Rajgarh MP			Crop Production	Weed Management															
			Crop Production	Resource Conservation Technologies															
			Crop Production	Cropping Systems															
		ONC	Crop Production	Crop Diversification	Crop Diversification	1	1	5	1	4	1	2	0	9	5				
			Crop Production	Integrated Farming															
		ONC/OFC	Crop Production	Micro irrigation/irrigation	Micro irrigation/irrigation	3	1	8	5	1	4	8	3	1	7	8			
		ONC/OFC	Crop Production	Seed production	Seed production	1	25												
		ONC/OFC	Crop Production	Nursery management	Nursery worker	1	25	2	0	3	0	1	0	9	5				
			Crop Production	Integrated Crop Management															
			Crop Production	Soil & water conservation															
			Crop Production	Integrated nutrient Management															
			Crop Production	Production of organic inputs															
			Crop Production	Others(Pl. Specify)															
			Horticulture (Vegetable Crops)	Production of low volume and high value crops															
		ONC	Horticulture (Vegetable Crops)	Off season vegetables	Off season vegetables	1	1	5	2	4	2	3	1	6	3				
		ONC	Horticulture (Vegetable Crops)	Nursery raising	Nursery raising	1	1	5	2	6	0	2	0	7	4				
			Horticulture (Vegetable Crops)	Exotic vegetables															
			Horticulture (Vegetable Crops)	Export potential vegetables															
			Horticulture (Vegetable Crops)	Grading and standardization															
			Horticulture (Vegetable Crops)	Protective cultivation															
			Horticulture (Vegetable Crops)	Others(Pl. Specify)															
		ONC	Horticulture (Fruits)	Training and Pruning	Training and Pruning OF Guava orchard	1	1	3	1	7	1	2	0	8	3				
		OFC	Horticulture (Fruits)	Layout and Management of Orchards	Layout and Management of	1	1	4	3	5	2	3	0	6	2				

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OF C)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants												
								Gen		SC		ST		Others						
								M	F	M	F	M	F	M	F					
					Orchards															
		ONC	Horticulture (Fruits)	Cultivation of Fruit	Mandarin cultivation	1	1	5	3	4	1	4	0	8	3					
			Horticulture (Fruits)	Management of young plants/orchards																
			Horticulture (Fruits)	Rejuvenation of old orchards																
			Horticulture (Fruits)	Export potential fruits																
			Horticulture (Fruits)	Micro irrigation systems of orchards																
			Horticulture (Fruits)	Plant propagation techniques																
			Horticulture (Fruits)	Others (Pl. Specify)																
			Horticulture (Ornamental Plants)	Nursery Management																
			Horticulture (Ornamental Plants)	Management of potted plants																
			Horticulture (Ornamental Plants)	Export potential of ornamental plants																
			Horticulture (Ornamental Plants)	Propagation techniques of Ornamental Plants																
			Horticulture (Ornamental Plants)	Others (Pl. Specify)																
			Horticulture(Plantation crops)	Production and Management technology																
			Horticulture(Plantation crops)	Processing and value addition																
			Horticulture(Plantation crops)	Others (Pl. Specify)																
			Horticulture(Tuber crops)	Production and Management technology																
			Horticulture(Tuber crops)	Processing and value addition																
			Horticulture(Tuber crops)	Others (Pl. Specify)																
			Horticulture(Spices)	Production and Management technology																
			Horticulture(Spices)	Processing and value addition																
			Horticulture(Spices)	Others (Pl. Specify)																
			Horticulture(Medicinal and Aromatic Plants)	Nursery management																
			Horticulture(Medicinal and Aromatic Plants)	Production and management technology																
			Horticulture(Medicinal and Aromatic Plants)	Post harvest technology and value addition																
			Horticulture(Medicinal and Aromatic Plants)	Others (Pl. Specify)																
		ONC	Soil Health and Fertility Management	Soil fertility management	Soil fertility management	2	1	11	5	9	2	9	0	17	6					
		ONC	Soil Health and Fertility Management	Integrated water management	Integrated water management	2	1	10	6	8	2	8	0	16	6					

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OF C)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
		ONC	Soil Health and Fertility Management	Integrated Nutrient Management	Integrated Nutrient Management	2	1	12	8	6	1	6	0	1	8
		ONC	Soil Health and Fertility Management	Production and use of organic inputs	Production and use of organic inputs	2	1	15	8	6	4	1	0	1	4
		ONC	Soil Health and Fertility Management	Management of Problematic soils	Management of Problematic soils	2	1	17	8	4	8	2	1	2	2
		ONC	Soil Health and Fertility Management	Micro nutrient deficiency in crops	Micro nutrient deficiency in crops	2	1	12	8	6	1	6	0	1	8
		ONC	Soil Health and Fertility Management	Nutrient Use Efficiency	Nutrient Use Efficiency	2	1	14	5	1	1	8	0	2	6
		ONC	Soil Health and Fertility Management	Balance Use of fertilizer	Balance Use of fertilizer	2	1	10	6	8	2	8	0	1	6
		ONC	Soil Health and Fertility Management	Soil & water testing	Soil & water testing	2	1	9	7	1	0	5	1	2	6
		ONC	Soil Health and Fertility Management	Organic Farming	Organic Farming	2	1	15	8	4	0	2	2	1	6
			Soil Health and Fertility Management	Others (Pl. Specify)											
		ONC/OF C	Livestock Production and Management	Dairy Management	Dairy Management	2	2	8	0	1	0	4	0	1	3
			Livestock Production and Management	Poultry Management											
			Livestock Production and Management	Piggery Management											
			Livestock Production and Management	Rabbit Management											
			Livestock Production and Management	Animal Nutrition Management	Animal Nutrition Management	2	2	16	0	8	0	4	0	1	3
			Livestock Production and Management	Disease Management											
			Livestock Production and Management	Feed & fodder technologies											
			Livestock Production and Management	Production of quality animal products											
			Livestock Production and Management	Others (Pl. Specify)											
		ONC/OF C	Home Science/Women empowerment	Household food security by kitchen gardening and nutrition gardening	Household food security by kitchen gardening and nutrition gardening	4	8	15	1	5	5	3	2	2	2

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OF C)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
		ONC/OF C	Home Science/Women empowerment	Design and development of low/minimum cost diet	Design and development of low/minimum cost diet	5	10	5	15	10	5	10	25	25	
		ONC/OF C	Home Science/Women empowerment	Designing and development for high nutrient efficiency diet	Designing and development for high nutrient efficiency diet	2	4	10	7	3	4	4	4	17	23
		ONC/OF C	Home Science/Women empowerment	Minimization of nutrient loss in processing	Minimization of nutrient loss in processing	2	4	15	15	5	5	3	3	17	21
			Home Science/Women empowerment	Processing & cooking											
		ONC/OF C	Home Science/Women empowerment	Gender mainstreaming through SHGs	Gender mainstreaming through SHGs	2	3	10	11	5	4	3	3	17	16
		ONC/OF C	Home Science/Women empowerment	Storage loss minimization techniques	Storage loss minimization techniques	2	2	10	11	5	4	3	3	17	16
		ONC/OF C	Home Science/Women empowerment	Value addition	Value addition	2	4	15	15	5	5	3	3	17	21
			Home Science/Women empowerment	Women empowerment	Women empowerment	1	1	10	15	6	5	3	3	12	20
		ONC/OF C	Home Science/Women empowerment	Location specific drudgery reduction technologies	Location specific drudgery reduction technologies	2	4	15	15	5	5	3	3	17	21
		ONC	Home Science/Women empowerment	Rural Crafts	Rural Crafts	1	1	10	15	6	5	3	3	12	20
		ONC/OF C	Home Science/Women empowerment	Women and child care	Women and child care	2	2	10	11	5	4	3	3	17	16
			Home Science/Women empowerment	Others (Pl. Specify)											
		ONC	Agril. Engineering	Farm machinery & its maintenance		1	1	8	0	9	6	0	0	12	6
		ONC	Agril. Engineering	Installation and maintenance of micro irrigation systems		1	1	10	2	8	1	4	2	17	9
			Agril. Engineering	Use of Plastics in farming practices											
		ONC	Agril. Engineering	Production of small tools and implements		1	1	12	1	8	2	9	0	13	1
			Agril. Engineering	Repair and maintenance of farm machinery and implements											
			Agril. Engineering	Small scale processing and value addition											
			Agril. Engineering	Post Harvest Technology											

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OF C)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants											
								Gen		SC		ST		Others					
								M	F	M	F	M	F	M	F				
			Agril. Engineering	Others (Pl. Specify)															
			Plant Protection	Integrated Pest Management															
			Plant Protection	Integrated Disease Management															
			Plant Protection	Bio0control of pests and diseases															
			Plant Protection	Production of bio control agents and bio pesticides															
			Plant Protection	Others (Pl. Specify)															
			Fisheries	Integrated fish farming															
			Fisheries	Carp breeding and hatchery management															
			Fisheries	Carp fry and fingerling rearing															
			Fisheries	Composite fish culture															
			Fisheries	Hatchery management and culture of freshwater prawn															
			Fisheries	Breeding and culture of ornamental fishes															
			Fisheries	Portable plastic carp hatchery															
			Fisheries	Pen culture of fish and prawn															
			Fisheries	Shrimp farming															
			Fisheries	Edible oyster farming															
			Fisheries	Pearl culture															
			Fisheries	Fish processing and value addition															
			Fisheries	Others (Pl. Specify)															
			Production of Input at site	Seed Production															
			Production of Input at site	Planting material production															
			Production of Input at site	Bio0agents production															
			Production of Input at site	Bio0pesticides production															
			Production of Input at site	Bio0fertilizer production															
		ONC/OF C	Production of Input at site	Vermi0compost production	Vermi0compost production	2	2	14	5	1	1	8	0	2	1	6			
		ONC/OF C	Production of Input at site	Organic manures production	Organic manures production	2	2	10	6	8	2	8	0	1	6	6			
			Production of Input at site	Production of fry and fingerlings															
			Production of Input at site	Production of Bee0colonies and wax sheets															
			Production of Input at site	Small tools and implements															
			Production of Input at site	Production of livestock feed and fodder															
			Production of Input at site	Production of Fish feed															
			Production of Input at site	Mushroom production															
			Production of Input at site	Apiculture															

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants											
								Gen		SC		ST		Others					
								M	F	M	F	M	F	M	F				
			Production of Input at site	Others (Pl. Specify)															
			Capacity Building and Group Dynamics	Leadership development															
			Capacity Building and Group Dynamics	Group dynamics															
			Capacity Building and Group Dynamics	Formation and Management of SHGs															
			Capacity Building and Group Dynamics	Mobilization of social capital															
			Capacity Building and Group Dynamics	Entrepreneurial development of farmers/youths															
			Capacity Building and Group Dynamics	WTO and IPR issues															
			Capacity Building and Group Dynamics	Others (Pl. Specify)															
			Agro forestry	Production technologies															
			Agro forestry	Nursery management															
			Agro forestry	Integrated Farming Systems															
			Agro forestry	Others (Pl. Specify)															

Table 5.2. Details of Training Programmes conducted by the KVKs for Rural Youth

Name of KVK	Category (RY)	Training Type (ONC/OFC)	Thematic Area of training	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	6	7	8	9	10	11	12	13	14	15
Rajgarh MP	RY	ONC/OFC	Nursery Management of Horticulture crops	Nursery Management of Fruits/Vegetables crops	2	2	7	5	8	6	6	4	12	7
	RY		Training and pruning of orchards											
	RY		Protected cultivation of vegetable crops											
	RY		Commercial fruit production											
	RY		Integrated farming											
	RY		Seed production											
	RY		Production of organic inputs	Production of organic inputs	1	3	9	3	12	4	8	1	17	5
	RY	(ONC/OFC)	Planting material production	quality planting materials of horticulture crops	1	3	3	2	8	4	2	2	5	2
	RY	(ONC/OFC)	Vermi culture	Vermi culture	1	3	19	4	8	2	2	0	16	7
	RY	(ONC/OFC)	Mushroom Production											
	RY		Bee keeping											
	RY		Sericulture											
	RY		Repair and maintenance of farm machinery and implements											
	RY	(ONC/OFC)	Value addition	Value addition	2	12	0	20	0	22	0	8	0	17
	RY	(ONC/OFC)	Small scale processing	Small scale processing	2	10	0	15	0	15	0	10	0	25
	RY	ONC/OFC	Post Harvest Technology	post harvest management of mandarin/oriandal	2	2	6	4	16	8	4	4	10	4
	RY		Tailoring and Stitching											
	RY		Rural Crafts											
	RY		Production of quality animal products											
	RY		Dairying											

Name of KVK	Category (RY)	Training Type (ONC/OFC)	Thematic Area of training	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	6	7	8	9	10	11	12	13	14	15
	RY		Sheep and goat rearing											
	RY		Quail farming											
	RY		Piggery											
	RY		Rabbit farming											
	RY		Poultry production											
	RY		Ornamental fisheries											
	RY		Composite fish culture											
	RY		Freshwater prawn culture											
	RY		Shrimp farming											
	RY		Pearl culture											
	RY		Cold water fisheries											
	RY		Fish harvest and processing technology											
	RY		Fry and fingerling rearing											
	RY		Others(Pl. Specify)											

Table 5.3. Details of Training Programmes conducted by the KVKs for Extension Personnel

Name of KVK	Category (IS)	Training Type (ONC/OFC)	Thematic Area of training (if other please specify name)	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4		6	7	8	9	10	11	12	13	14	15
Rajgarh MP	IS	ONC	Productivity enhancement in field crops	Productivity enhancement in field crops	1	1	4	2	8	3	2	2	11	6
	IS	ONC	Integrated Pest Management	Integrated Pest of spices crops	1	1	2	1	5	5	3	3	8	4
	IS	ONC	Integrated Nutrient management	Integrated Nutrient management	1	1								
	IS		Rejuvenation of old orchards											
	IS	ONC	Protected cultivation technology	Protected cultivation OF Vegetable	1	1	3	1	6	4	4	2	7	3

Name of KVK	Category (IS)	Training Type (ONC/OFC)	Thematic Area of training (if other please specify name)	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4		6	7	8	9	10	11	12	13	14	15
				crops										
	IS	ONC/OFC	Production and use of organic inputs	Production and use of organic inputs	1	2	10	2	8	3	6	4	11	6
	IS		Care and maintenance of farm machinery and implements											
	IS		Gender mainstreaming through SHGs											
	IS		Formation and Management of SHGs											
	IS		Women and Child care											
	IS	ONC/OFC	Low cost and nutrient efficient diet designing	Low cost and nutrient efficient diet designing	2	6	0	17	0	5	0	3	0	25
	IS		Group Dynamics and farmers organization											
	IS		Information networking among farmers											
	IS	ONC/OFC	Capacity building for ICT application	Capacity building for ICT application	1	2	0	34	0	10	0	6	0	50
	IS		Management in farm animals											
	IS		Livestock feed and fodder production											
	IS	ONC/OFC	Household food security	Household food security	1	2	0	17	0	5	0	3	0	25
	IS		Others(Pl. Specify)											

Table 5.4. Details of Vocational training programmes for Rural Youth conducted by the KVKs

Name of KVK	Thematic Area	Sub Theme	Training title	Name of Crop / Enterprise	Identified Thrust Area	No of Courses	Duration of training (days)	Number of Beneficiaries							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
RAJG ARH mp	Crop production and management	Commercial floriculture													
	Crop production and management	Commercial fruit production													
	Crop production and management	Commercial vegetable production													
	Crop production and management	Integrated crop management													

Name of KVK	Thematic Area	Sub Theme	Training title	Name of Crop / Enterprise	Identified Thrust Area	No of Courses	Duration of training (days)	Number of Beneficiaries												
								Gen		SC		ST		Others						
								M	F	M	F	M	F	M	F					
	Crop production and management	Organic farming																		
	Crop production and management	Others(Pl. Specify)																		
	Post harvest technology and value addition	Value addition	Value addition	Spicies	WOE	1	7	0	2	0	4	0	3	0	2	5				
	Post harvest technology and value addition	Others(Pl. Specify)																		
	Livestock and fisheries	Dairy farming																		
	Livestock and fisheries	Composite fish culture																		
	Livestock and fisheries	Sheep and goat rearing																		
	Livestock and fisheries	Piggery																		
	Livestock and fisheries	Poultry farming																		
	Livestock and fisheries	Others(Pl. Specify)																		
	Income generation activities	Vermi-composting	Vermi-composting	INM	INM	1	7	1	2	7	2	3	0	1	2	8				
	Income generation activities	Production of bio-agents, bio-pesticides,																		
	Income generation activities	Bio-fertilizers etc.																		
	Income generation activities	Repair and maintenance of farm machinery & implements																		
	Income generation activities	Rural Crafts																		
	Income generation activities	Seed production																		
	Income generation activities	Sericulture																		
	Income generation activities	Mushroom cultivation																		
	Income generation activities	Nursery, grafting etc.																		
	Income generation activities	Tailoring, stitching, embroidery, dying etc.																		
	Income generation activities	Agri. para0workers, para0vet training																		
	Income generation activities	Others(Pl. Specify)																		
	Agricultural Extension	Capacity building and group dynamics																		
	Agricultural Extension	Others(Pl. Specify)																		

Table 5.5. Sponsored Training Programmes

Name of KVK	Client (F & FW/ FW/ RY/ IS)	Title	Thematic area	Sub-theme	Training Title	Duration (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		
			Crop production and management	Increasing production and productivity of crops													
			Crop production and management	Commercial production of vegetables													
			Crop production and management	Production and value addition													
			Crop production and management	Fruit Plants													
			Crop production and management	Ornamental plants													
			Crop production and management	Spices crops													
			Crop production and management	Soil health and fertility management													
			Crop production and management	Production of Inputs at site													
			Crop production and management	Methods of protective cultivation													
			Crop production and management	Others(Pl. Specify)													
			Post harvest technology and value addition	Processing and value addition													
			Post harvest technology and value addition	Others(Pl. Specify)													
			Farm machinery	Farm machinery, tools and implements													
			Farm machinery	Others(Pl. Specify)													
			Livestock and fisheries	Livestock production and management													
			Livestock and fisheries	Animal Nutrition Management													
			Livestock and fisheries	Animal Disease Management													
			Livestock and fisheries	Fisheries Nutrition													
			Livestock and fisheries	Fisheries Management													
			Livestock and fisheries	Others(Pl. Specify)													
			Home Science	Household nutritional security	Household nutritional security	2	1	0	2	0	1	0	8	0	2	0	30
			Home Science	Economic empowerment of	Economic	2	1	0	1	0	2	0	7	0	2	0	25

Name of KVK	Client (F & FW/ FW/ RY/ IS)	Title	Thematic area	Sub-theme	Training Title	Duration (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		
				women	empowerment of women				8		0						
			Home Science	Drudgery reduction of women	Drudgery reduction of women	2	1	0	20	0	18	0	9	0	4	0	30
			Home Science	Others(Pl. Specify)													
			Agricultural Extension	Capacity Building and Group Dynamics													
			Agricultural Extension	Others(Pl. Specify)													

Table 5.6. 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 elsewhere
		Type of units	Number of units	Number of persons employed	
Rajgarh	NIL	NIL	NIL	NIL	NIL

Table 5.7 Training Programmes for Panchayati raj Institutions Office-bearers & members

Name of KVK	Title	Thematic area	Sub-theme	Client (FW/ RY/ IS)	Duration (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		
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5.8 Subject area wise details of women farmer specific training programmes organized by KVKs during Jan-Dec-2019

Area of Training	Jan-Dec-2019	
	Courses	Participants
Household food security by kitchen gardening and nutrition gardening	4	107
Design and development of low/minimum cost diet	2	56
Designing and development for high nutrient efficiency diet	1	27
Minimization of nutrient loss in processing	1	25
Processing and cooking		
Gender mainstreaming through SHGs		
Storage loss minimization techniques	2	57
Value addition		
Women empowerment	1	23
Location specific drudgery reduction technologies	4	112
Rural Crafts		
Women and child care		
Others-Agro-Based IGP programme Training Exposure on Sustainable Agriculture		

Table 5.9 Subject area wise details of other than women farmer specific training programmes organized by KVKs during Jan-Dec-2019

Area of Training	Jan-Dec-2019	
	Courses	Participants
Crop Production		
Horticulture		
Soil Health and Fertility Management		
Livestock Production and Management		
Agril. Engineering		
Plant Protection		
Fisheries		
Production of Input at site		
Capacity Building and Group Dynamics		
Agro forestry		

Table 5.10 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./ha or Rs./year)		Impact on		
			Before	After	Before	After	Before	After	% change in knowledge, production & Income	No. of farmers/farm women adopted (no.)	No. of unit established/Area expanded (ha)
Rajgarh	Soybean Production Technology	16	45	86	1067	1438	19885	29514	1. 130 ha		
									2. 52		
									3. 34.78 production%		
Rajgarh	Production technology of Pigeon pea	13	36	73	698	1012	19140	26590	1. 27 ha		
									2. 29		
									3. 30.56 %		
Rajgarh	Production technology of Gram	48	62	93	1120	1412	21130	29018	1. 217 ha		
									2. 270 Farmers		
									3. 26.09%		
Rajgarh	Production technology of Mustard	12	61	84	1339	1619	38292	46932	1. 37 ha		
									2. 40 Farmers		
									3. 20.09 %		

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants (only in no.) *								Remarks			
				Farmers (Others)		Farmers SC		Farmers ST		Extension Officials		Purpos e	Topics	Crop Stages	
				M	F	M	F	M	F	M	F				
RAJGARH	Agri mobile clinic														
	Animal Health Camp	2	2	26	8	27	6	32	4	4	-				
	Awareness programme														
	Celebration of important days	10	10	198	41	19	-	22	-	7	-				
	Diagnostic visits	30	50	190	38	41	5	22	3	48	-				
	Exhibition	5	5	182	47	68	17	36	8	41	18				
	Exposure visits	5	5	131	19	57	11	33	13	3	-				
	Ex-trainees Sammelan	6	6	-	-	-	-			-	-				
	Farm advisory Services	27	27	42	7	9	3	28	9	2	-				
	Farmers visit to KVK														
	Field Day	48	48	995	138	376	120	226	89	11	2				
	Group meetings														
	Kisan Ghosthi/Sammelan														
	Kisan Mela	2	7	Mas s	Mas s	Mas s	Mas s	Mas s	Mas s	Mas s	Mass				
	Krishi Mahotsav														
	Lectures delivered as resource persons	100	127	962	263	367	132	362	120	95	73				
	Mahila Mandals conveners meetings	2	2	29	12	32	4	28	-	19	-				
	Method Demonstrations	75	100	302	92	182	48	341	96	32	4				
	Pradhanmantri phasal beema yojana	2	2	42	7	9	3	28	9	2	-				
	Scientific visit to farmers field	32	48	995	138	376	120	226	89	11	2				
	Self Help Group conveners meetings	2	2	26	8	27	6	32	4	4	3				
	Soil health Camp	2	2	182	47	68	17	36	8	41	18				
	Soil test campaigns	2	2	32	9	5	2	48	6	8	2				
	Technology Week	2	2	48	18	23	8	16	-	4	11				
	Extension literature														
	Film Show														
	Others														

Mass media used for wide publicity

Name of media	Number of events	Name of channel/ Newspaper used	Place of delivery or publication	Coverage of the media (Local/ Regional/National)
Radio talks	2	Chaupal	Akashwani bhopal	Regional
TV talks	2	Direct telecast	Doordarshan kendra bhopal	Regional
Newspaper coverage	3	news paper	-	
Internet (Youtube)				
Social media (Whats App, Facebook, Instagram, Twitter etc.)	1	whatsapp	Whatsaap group by KVK	-

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

7.1 KVK Newsletters (Jan to Dec. 2019)

KVK Name	Period	Quarter	Number of copies printed	Number of copies distributed	Type of beneficiaries receiving the newsletter (Farmer, District/block/Panchayat Official, D.M. etc.)
RAjgarh	January to March 2019	Q1	500	400	Above all
Rajgarh	April to June 2019	Q2	500	422	Above all
	July to September 2019	Q3	500	477	Above all
	October to December 2019	Q4	500	481	Above all

7.2 Literature developed/published

KVK Name	Type	Number of copies (please don't give mass please fill number only)
Rajgarh	Research Paper	4
Rajgarh	Pamphlet	1000
Rajgarh	Bulletin	2

Research paper /Review paper published during Jan to Dec. 2019

Name of KVK	Title of Research/Review paper	Authors/credit line	Name of Journal	Type of journal (National/International)	NASS Rating (2020) /impact factor
Rajgarh	NIL	NIL	NIL	NIL	NIL

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD/DVD)	Title of the programme	Number
Rajgarh	-	-	-

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Crop Category	Name of Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to no. of Farmers/society	Expected area coverage (ha.)
Rajgarh	Breeder seed	Wheat	HI1531	Quintal		567620	8
Rajgarh	Breeder seed	Soyabean	RVS2001-4	Quintal		336000	5

8.2 Planting Material production

KVK Name	Major group/class	Name of Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Rajgarh		Guava	L49, Allahabad safeda, dharidaar, chittidar	1000	20000	130	4
Rajgarh		Lime	kagzi Lime	500	8000	50	2
Rajgarh		custard Apple	NMK-1	4000	50000	100	5
Rajgarh		Ornamental		1000	20000	100	

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

* Name of product should follow same pattern

KVK Name	List of 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.), if applied
Rajgarh	Bio Fertilizers	Non Symbiotic Azotobacter					
		Vermicompost	5000	5000	50000	20	5
		Azolla					
		Earthworms					
		Compost	2000	2000	20000	5	3
		Blue green algae					
		NADEP					
		Sanjeevani Khad					
		Acetobactor					
		Aspergillus					
		Azatobactor					
		Azospirillum					
		Phosphate solublizing Bacteria					
		Rhizobium					
		Other (pl. sp.)					

KVK Name	List of 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.), if applied
	Bio-Food	Spirulina					
		Honey					
		Any Other (pl. sp.)					
Rajgarh	Bio Pesticides	Neem extract					
		Neem powder					
		Tobacco extract					
		Trichoderma viride					
		Trichoderma harjinum					
		Trichogramma chilonis					
		Beauveria bassiana					
		Metarhizium anisopliae					
		Pseudomonas fluorescens					
		SINPV					
		HaNPV					
		GF1					
		Baco Lures					
		Heli Lures					
		Leucin Lures					
	Paecilomyces						
	Panchagavya						
	Verticillium						
	Bio Agents (Tricho card)	Trichogramma chilonis					

KVK Name	List of 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.), if applied
		Chrysoperla carnea					
		Tricho card					
		Any other (Pl. Specify)					
	Bio Agents (Pyrilla parasitoids)	Ooincirtus papilionis					
		Epiricania melanolauca					
	Bio Agents(Worms)	Assinia foetida					
		Eudrilus eugeniae					
		Euclnia Uginae					
		Eisenia foetida					
Rajgarh		Earth worm					
		Any other (pl. specify)					
	Others	Mushroom spawn					
		Mineral Mixture					
		Cow dung (dry)					
		Any other (pl. specify)					

8.4 Livestock and fisheries production

KVK Name	Type	Name of the animal / bird / aquatics	Breed	Type of Produce	Quantity		Value (Rs.)	No. of Beneficiaries
					unit (kg/qt./liter/no)	Qty.		
Rajgarh	Dairy animals	Cow	5	Milk	liter	12	12960	20
		Calves						
		Goats						
		Buffaloes						
		Sheep						

KVK Name	Type	Name of the animal / bird / aquatics	Breed	Type of Produce	Quantity		Value (Rs.)	No. of Beneficiaries	
					unit (kg/qt./liter/no)	Qty.			
		Breeding bull							
		Other (pl specify)							
	Poultry	Poultry							
		Japanese quail							
		Japanese quail eggs							
		Ducks							
		Turkey							
		Other							
		Piggery	Piglets						
Rajgarh			Boar						
	Sow								
	Other (pl specify)								
	Fisheries	Indian carp							
		Exotic carp							
		Other (pl specify)							

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed during Jan to Dec. 2019 :

KVK Name	Status of establishment of Soil testing Laboratory (Y/N) and year, if yes	Soil Testing Kits till date		No of soil samples		No. of Samples analyzed			No. of Farmers benefited			No. of Villages covered	Amount realized	Soil health card distributed to the farmers by KVK (Nos)	
						by KVKs		By Department	By KVK		By Department			Through Mini Soil Testing kit	Through Soil testing laboratory
		Collected by KVKs	Provided by Dept./ DDA	Mini Soil Testing kit	Soil testing laboratory	Mini Soil Testing kit	Soil testing laboratory								
								Sanctioned	Procured						
Rajgarh	1			180		180			180			4		180	

9.2 Details of water samples analyzed so far :

KVK Name	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Test report distributed to the farmers (Nos)
Rajgarh	Nil	Nil	Nil	Nil	Nil

10. Rainwater Harvesting

10.1. Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RV/EF)	No. of Courses	No. of Participants								
					SC		ST		Other		General		Total
					Male	Female	Male	Female	Male	Female	Male	Female	
Rajgarh		Water conservation	100	4	14	6	12	5	36	17	6	4	
Rajgarh		Recharging technology	102	4	12	5	10	4	34	14	12	7	

10.2. Information of Visit in Rainwater Harvesting Demonstration Unit

Name of KVK	No. of Training programmes under Rain water Harvesting	No. of Demonstration s	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)
Rajgarh	2	2	5000	202	20

11. Training Programmes on Micro irrigation (Drip and Sprinkler)

Name of KVK	Date	Title of the training course	Client	No. of Courses	No. of Participants								
					SC		ST		Other		General		Total
					Male	Female	Male	Female	Male	Female	Male	Female	
Rajgarh		Micro irrigation in Horticulture crops		4	16	8	8	4	48	26	32	14	156

12. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	No. of trainees/ farmers/ visitors stayed	Duration of Stay (days)	Reason for vacant farmers hostel (if any)	Accommodation available in F.H. (No. of beds)
Rajgarh	Feb-March	2019	40	5	-	12

13. 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
Rajgarh	2010	2010	6	1	Lack of staff

14. Details of SAC Meeting during Jan to Dec. 2019

KVK Name	Date of SAC meeting 2019	No. of SAC members (only) attended	Major action points*
Rajgarh	Jun-19	32	Soil fertility management
Rajgarh	Oct-19	34	Quality planting material
Rajgarh			Value addition
Rajgarh			IFS Model

*Attached separate file.

15. Footfall of farmers in KVKs (Jan. 2019 to Dec. 2019)

Name of KVK	Footfall during 2019			
	No. of Farmers	No. of officials	No. of VIPs	Total
Rajgarh	550	102	10	662

*Separate JPEG Photographs (2-3 only)

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

KVK	S. No.	Thematic area	Particulars	No of Calls	No of Messages sent	No. of farmers received messages	Total no of villages in District	No of village Covered by KVK through KMA
Rajgarh	1	Crop Management	Crop Production Technology	120	4		1600	908
			Integrated Farming	132	2		1600	908
			Field Preparation	40	1		1600	908
			Any Other (Specify)	25	0		1600	908
	2	Weather	Advisory	42	42		1600	908
			Change in variety	12	2		1600	908
			Change in Sowing technique	28	1		1600	908
			Climate forecast	42	42		1600	908
			Any Other (Specify)	8	0		1600	908
	3	Soil Management	Soil Testing	250	4		1600	908
			INM	240	6		1600	908
			Fertilizer Application	79	6		1600	908
			Vermicomposting/ bio-waste recycling	108	8		1600	908
			Bio-fertilizer	112	0		1600	908

KVK	S. No.	Thematic area	Particulars	No of Calls	No of Messages sent	No. of farmers received messages	Total no of villages in District	No of village Covered by KVK through KMA
			Any Other (Specify)	5	0		1600	908
	4	Disease & Pest Management	Disease Management	145	8		1600	908
			Pest Management	155	7		1600	908
			Preventive Advisory Disease Management	34	6		1600	908
			Preventive Advisory Pest Management	36	6		1600	908
			Bio-pesticides	16	2		1600	908
			Any Other (Specify)	8	0		1600	908
	5		Nutrition Security & Women Empowerment	Nutrition Awareness	116	4		1600
		Kitchen garden		180	12		1600	908
		Value Addition and Processing		89	15		1600	908
		Drudgery Reduction		75	12		1600	908
		Entrepreneurship & Income Generation		82	8		1600	908
		Advisory		12	4		1600	908
		Any Other (Specify)		10	0		1600	908
	6	Horticulture	Vegetable	119	9		1600	908
			Fruit	116	8		1600	908
			Hi Tech Horticulture	148	12		1600	908
			Any Other (Specify)	20	0		1600	908
	7	Livestock	Feed and Fodder	26	2		1600	908
			Dairy Management	12	4		1600	908
			Fisheries	2	0		1600	908
			Poultry Management	4	0		1600	908
			Vaccination & Disease management	25	4		1600	908
			Any Other(Specify)	2	0		1600	908
	8	Farm Mechanization		32	0		1600	908
	9	Extension		110	12		1600	908
	10	Organic Farming		130	14		1600	908
	11	Marketing		45	0		1600	908

KVK	S. No.	Thematic area	Particulars	No of Calls	No of Messages sent	No. of farmers received messages	Total no of villages in District	No of village Covered by KVK through KMA
	12	Awareness		18	3		1600	908
	13	Other Enterprise		2	0		1600	908
	14	Any Other(Specify)		2	0		1600	908

17. Status of Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Name of activities organized	Name of operational Area and acreage (ha.)	Present status (Functional/Non functional)
Rajgaeh	ASCI	Central	320000	Skil devlopment Traning	-	functional
Rajgaeh	DAMU	Central	240000	Distt. Agrometrologicale Data Manupulation	-	functional

18. Status of Contingency Utilization Jan-Dec-2019

Name of KVK	Total Contingency allotted (Rs.)	Fund used by KVKs (Rs)			Balance (Rs.)
		Activities	No of Activities	Exp (Rs)	
Rajgarh	9.00	OFT	12	36000	
		FLD (other than CFLD)	12	60000	
		Training	80	130000	
		Extension Activities	18	50000	
		SAC Meeting	2	10000	
		Special Programme (Pl. Specify)	4	30000	
		Others (Pl. Specify)			

19. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance on 01 .01.2019 (Rs.)	Closing balance 31.12.2019 (Rs.)	Name of major source of revolving fund
Rajgarh	32895980627	650000	759000	Orchards, Nursery, Vermicomposting, crop cafeteria, Traning hall charges

20. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Award category (local/ Regional/ National)	Awarding Organizations	Amount received
Rajgarh	Dr. Akhilesh Shrivastava	Individual	Distt. Collector Rajgarh	-	Rajgarh
Rajgarh	Dr. Lal Singh	Individual	Distt. Collector Rajgarh	-	Rajgarh
Rajgarh	Dr. Bhagwan Kumrawat	Individual	Distt. Collector Rajgarh	-	Rajgarh

21. Details of Crop cafeteria in Agro-technological Park in your KVK.

Area covered under crop cafeteria (sq. meter)	Type of crop (Cereals, Pulses, Oilseeds, Vegetables, medicinal, Spices, fruits etc.)	Name of crop	Name (s) of variety	Name of best variety of concerned crop
Rajgarh	10000	Cereals, Pulses, Oilseeds, Vegetables, Medicinal, Spices, Fruits, etc.	Tomato	Kashi Aman, Kashi Vishes
			Brinjal	PH-4
			Soybean	RVS2001-4, RVS18, RVS-24, RVS-76, JS2034, JS-2029, JS2069, JS2098, JS2016,
			Mungbean	PDM-139, JM-721, TMB-37, Pusa agrani,
			Urdbean	JU-03, JU-86, T-9, IPU- 95, JU98-14
			Maize	JM-216, IDVM-421, HKI-163, HQPM-1,
			Arhar	Pusa Arhar16, PUSA992, RVSA28-1, RVSA16-4, UPAS120, ICPL88039, TJT501, ICPL151, ESHWRYA, PT0012,
			Inter cropping systems	Soybean + Arhar (4:2), Soybean + Maize (4:2), Soybean+ Sesame (2:2) , Urdbean + Sesame (2:2) , Mungbean + Sesame (2:2), Sorghum + Arhar (4:2), Sorghum + Mungbean (4:1), Maize + Urdbean (4:1)
		Wheat	HD – 4672, HI- 8627, HI- 8638, HI- 1531, JW-3211, JW-3173, JW-3020, HI-1500, HW-2004, Sujata, HI- 1418, HI-1454, HI-1479, HI-8381, , GW-147, GW-322, GW-366, DL-788-2, HD-2864, New- Seed, MP-4010,	

			Gram	IG-474, ICCV- 88202, IG-379, Vijay-81-12, IG-593, IG-412, JG-11, JG-412, JG-218, KAK-2, IG-370, Ujjain-21, JG-74, JG-130, JG-16, JG-226, Vishal, JG-338, JG-226, JG-16
			Mustard	Pusa Agrani, Pusa bold, Rohani, JM-2, VSL-5, Tara mira
			Safflower	JSF-97
			Linseed	Kiran
			Lentil	JL-3, RVL11-6
			Methi	RVSF-1, RMT-1
			Kasuri Methi	RVSKM-1
			Coriander	Ajmer Dhaniya-1 , Ajmer Dhaniya-2 Khumbhraj Dhani , Khumbhraj dhana, JD-1, CS-6

22. Farm Innovators- list of 10 Farm Innovators from the District*

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farm innovator with pin code	Mobile No.
1	Rajgarh	Shri Mohan Nagar	Highttech Horticulture Orchards (Guava, Mandarin, Apple ber, Thai Lime)	Village- Pipalyadev Block Sarangpur Distt. Rajgarh	-
2	Rajgarh	Shri Chandu lal Puspapad	IFS Modal	Village- Kisangarh Block Rajgarh Distt. Rajgarh	-
3	Rajgarh	Shri Dinesh Nagar	Protected Cultivation in vegetable crops	Village- Pipalyadev Block Sarangpur Distt. Rajgarh	9630862212
4	Rajgarh	Shri Ashok Pushpad	Vegetable Production for improved variety	Birjupura Block Rajgarh Distt. Rajgarh	8871604633
5	Rajgarh	Shri Sandeep Soni	Orchard of New variety (Mango, mandaran)	Main Market Rajgarh Block Rajgarh, Distt. Rajgarh	
6	Rajgarh	Shri Dilip Jadam	Organic Cultevation	Village Roshla Jager The. Pachor Block Sarangpur Distt. Rajgarh	9754772769
7	Rajgarh	Shri Santosh Patidar	Sweet Lime, Mandaram & Coriandal	Village Sandawta Block Sarangpur Distt. Rajgarh	9755713389
8	Rajgarh	Shri Ramcharan Nagar	Onion & Garlic	Village Chatkya Block Sarangpur Distt. Rajgarh	9753752227
9	Rajgarh	Shri Raghunandan	Mandarin, Garlic &	Village Khatakhedi Block Khilchipur Ditt.	8878995174

		Patidar	Coriander	Rajgarh	
10	Rajgarh	Shri Kamal singh	Seed Production- coriander, Soyabean, Wheat, Thai jamun	Village Boda Block Narsingarh Distt. Rajgarh	9826949449

***Attached separate File**

23. KVK interaction with progressive farmers

KVK Name	Date and month of interaction programme with progressive farmers	No. of progressive farmers participated
Rajgarh	NIL	NIL

24. Outreach of KVK

Name of KVK	Total number of Block/villages in district		Number of Blocks		Number of Villages	
	Block	Village	Intensive	Extensive	Intensive	Extensive
Rajgarh	6	1600	4	2	653	947

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, and Awareness programmes etc.

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

KVK Name	Name of crop under Technology demonstration	Area under the programme/ Demonstration	No. of Farmers benefited	No of Villages Covered	No. of Extension Activities	No. of Farmers benefited by extension activities	Results/ Observation*
Rajgarh	NIL	NIL	NIL	NIL	NIL	NIL	NIL

***Attached separate File**

26. KVK Ring

KVK Name	Name of Ring Partner	Name of activities/Events organized in collaboration	No. of Participants		Lessons learnt/ Experiences gained.
			Your KVK	Other KVK	
Rajgarh	Sehore	HR, knowledge & implements	30	2	Area Expansion in Technology Demonstration and adoption
Rajgarh	Shajapur	HR, knowledge & implements	32	2	Area Expansion in Technology Demonstration and adoption
Rajgarh	Bhopal	HR, knowledge & implements	34	2	Area Expansion in Technology Demonstration and adoption

27. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Rajgarh	Mr. S.K. Sinha	03.11.2019	-	-	IRS,	Visit of KVK & KKA Village
Rajgarh	Hon. MP Shri Rodmal Nagarji	24.02.2019	-	-	Member of Parliament	Visit of KVK PM Address programme
Rajgarh	Dr. Anupam Mishra	09.03.2019	-	-	Director ATARI	Visit of KVK

28. Status of KVK Website during Jan to Dec. 2019

S.No	Name of KVK	Date of start of website	Address of Website	No. of updates during 2019	No. of visitors during 2019
Rajgarh	Rajgarh	Nov-13	46	256	Rajgarh

29. Status of Mobile Apps developed by KVK

Name of KVK	Year	Title of Mobile App	Link to Play Store	No. of Installs
Rajgarh	NIL	NIL	NIL	NIL

30. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
Rajgarh MP	Nil	Nil		

31. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
Rajgarh	NIL	NIL	NIL	

32. Participation in HRD Programmes organized by ATARI

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Rajgarh	Dr. Akhilesh Shrivastava	Senior Scientist & Head	2	Rajgarh
Rajgarh	Dr. Lal Singh	Scientist	1	Rajgarh
Rajgarh	Dr. B. Kumrawat	Scientist	1	Rajgarh
	Total	3	4	

Name of KVK	Total Number of staff Attended HRD Programme organized by ATARI (nos)	Total Number of Programme attended (Nos)
Rajgarh	1	1

33. Participation in HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Rajgarh	Dr. B Kumrawat	Scientist	2	
Rajgarh	Dr. Lal Singh	Scientist	2	

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

34. Participation in HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Duration (days)	Type of HRD activities (Refresher course/CAFT/Summer winter school/short course)
Rajgarh	Dr. Akhilesh Shrivastava	Senior Scientist	1	10	Short course
Rajgarh	Dr. B Kumrawat	Scientist	1	21	Winter School

Rajgarh	Dr. Lal Singh	Scientist	1	21	Winter School
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Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Rajgarh	1	1

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

Name of KVK	Situation observed	Date of Alert sent	Type of alert (KMA,	Reported to organization
Rajgarh	NIL	NIL	NIL	NIL

36. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
RAJGARH MP	Gosthies	1	50	
RAJGARH MP	Lectures organised	25		
RAJGARH MP	Exhibition			
RAJGARH MP	Film show	25	250	
RAJGARH MP	Fair			
RAJGARH MP	Farm Visit	5	Mass	
RAJGARH MP	Diagnostic Practicals			
RAJGARH MP	Distribution of Literature (No.)	16	Mass	
RAJGARH MP	Distribution of Seed (q)			
RAJGARH MP	Distribution of Planting materials (No.)	2	200	
RAJGARH MP	Bio Product distribution (Kg)	2	150	
RAJGARH MP	Bio Fertilizers (q)	2	150	
RAJGARH MP	Distribution of fingerlings			
RAJGARH MP	Distribution of Livestock specimen (No.)			
RAJGARH MP	Total number of farmers visited the technology week	7	1003	
RAJGARH MP	Animal health camp	2	400	

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
RAJGARH MP	Awareness programme	5	200	
RAJGARH MP	Cashless Transaction Week			
RAJGARH MP	Celebration of important days (Parthenium eradication week, Swachhata Abhiyan and Soil Health Day, International Women Day, National Integrity Day, World environment day, World forestry day, World Water Day)	6	325	
RAJGARH MP	Demonstration	250	250	
RAJGARH MP	Exposure visit			
RAJGARH MP	Extension activity	50	800	
RAJGARH MP	Ex-trainees Meet	2	60	
RAJGARH MP	Farmer scientist interaction	25	625	
RAJGARH MP	Farmers Training	180	4500	
RAJGARH MP	Field Day	18	450	
RAJGARH MP	Field visit	25	Mass	
RAJGARH MP	Gajarghans Unmulan Pakhwada	1	Mass	
RAJGARH MP	Group Meeting	2	92	
RAJGARH MP	Hindi diwas pakhwada	1	Mass	
RAJGARH MP	Jai Kisan Jai Vigyan Sangoshthi	2	72	
RAJGARH MP	Narmada sewa Yatra			
RAJGARH MP	News Paper/Mass Media	20	Mass	
RAJGARH MP	Plant health camp	10	Mass	
RAJGARH MP	Plant Protection Week	1	Mass	
RAJGARH MP	Scientists visits in farmers field	65	Mass	
RAJGARH MP	Seed treatment campaign	5	150	
RAJGARH MP	Self Help Group convener meet	5	125	

37. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops	Variety	Area (ha)	Number of beneficiaries
Rajgarh	NIL	NIL	NIL	Rajgarh

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components(Breeding/Feeding/Health/ Housing)	Number of interactions	No. of participants
Rajgarh	Nil	Nil	Nil

Animal health camps organized

Name of KVK	Number of camps	No. of animals Attended	No. of farmers Benefitted
Rajgarh	2	122	50

Seed distribution in drought hit area

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

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Rajgarh	Vegetables	seedlings	10000	2
Rajgarh	Guava, Custard apple, Lime, Ornamentla	Saplings	10000	5

Bio-control Agents

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

Bio-Fertilizer

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

Worms Produced

Name of KVK	Worms Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Rajgarh	NIL	NIL	NIL	NIL

Large scale adoption of resource conservation technologies

Name of KVK	Crops	Variety	list of resource conservation technologies introduced	Area (ha)	Number of farmers
Rajgarh	Deonstration on improved ridge & furrow method of sowing in soybean	16	40	Rajgarh	Deonstration on improved ridge & furrow method of sowing in soybean
Rajgarh	Integrated management in mandarin	10	10	Rajgarh	Integrated management in mandarin
Rajgarh	Integrated Nutrient Management	16	40	Rajgarh	Integrated Nutrient Management
Rajgarh	Varietal Replacement	16	40	Rajgarh	Varietal Replacement

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
Rajgarh	2	52	2	61	4	102	2	1000	4	1300	4	1300

38. Activities for Sansad Adarsh Gram

Information about Sansad Adarsh Gram

Name of KVK	Block	Village
Rajgarh	6	1600

1. Technologies to be Demonstrated

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

2. Extension Activities

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

3. Training Programme

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

39. (a) Case study / Success Story– (best two only in the following format in separate file attached)

Name of the KVK	
TITLE	
Introduction	
KVK intervention	
Output	

Outcome	
Impact	

❖ 2-3 Photographs with caption in .jpeg format.

(b) Summary of Case study / Success Story developed by KVK

Sr. no.	Name of KVK	No. of success stories	No. of case studies
	Rajgarh	3	1

40. Well labeled Photographs in .jpeg format with **high resolution (300 dpi)** of each activity of the KVK. (Separately) (pl don't paste photo in word file)

Senior Scientist & Head