KRISHI VIGYAN KENDRA, RAJGARH (M.P.)

ANNUAL PROGRESS REPORT

January 2021 to December 2021

RAJMATA VIJAYARAJE SCINDIA KRISHI VISHWA VIDHYALAYA, GWALIOR (M.P.)

Contents

Instructions for Filling the Format

1. **Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.**
2. **Do not merge columns, rows.**
3. **Please repeat the name of KVK in each table in the column "Name of KVK"**
4. **Do not fill the non-numerical values in numeric field**
5. **Do not repeat the unit while reporting data as it is already mentioned in the heading row**
6. **Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit**
7. **Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)**
8. **Additional relevant information may be provided at the end of Format by creating heading "Additional Information"**
9. **Also read the instructions mentioned just below the table**
10. **Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format**
11. **Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**
12. **Grey color cells in summary table need not to be filled.**
13. **Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).**
    Vegetable:- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Lady finger).
    Fruits:- Mango, Guava, Custard apple, Pear etc.
    Spices:- Black Peeper, Turmeric, Ginger, Cardamom etc.

REPORTING PERIOD – January 2021 to December 2021

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2021

i. OFT and FLD

S.No.	KVK Name	Activity	Achievement	
			Number of technologies assessed/ activity	No. of farmers/ beneficiaries
1		**OFT**		
a.		**OFT- Crops (like Agronomy/Horticulture/ Soil Science/Plant Protection/Plant Breeding/ Agroforestry etc)**		
➢		Proposed OFT	**18**	**95**
➢		On Going OFT	**18**	**95**
➢		Technologies assessed (Completed OFT)	-	-
➢		Technologies refined	-	-
b.		**OFT- Agriculture Engineering**		
➢		Proposed OFT	-	-
➢		On Going OFT	-	-
➢		Technologies assessed (Completed OFT)	-	-
➢		Technologies refined	-	-
c.		**OFT- Animal Science**		
➢		Proposed OFT	-	-
➢		On Going OFT	-	-
➢		Technologies assessed (Completed OFT)	-	-
➢		Technologies refined	-	-
d.		**OFT- Fisheries**		
➢		Proposed OFT	-	-
➢		On Going OFT	-	-
➢		Technologies assessed (Completed OFT)	-	-
➢		Technologies refined	-	-
e.		**OFT- Extension**		
➢		Proposed OFT	-	-
➢		On Going OFT	-	-
➢		Technologies assessed (Completed OFT)	-	-
➢		Technologies refined	-	-
f.		**OFT- Home Science**		
➢		Proposed OFT	**4**	**60**
➢		On Going OFT	**4**	**60**

➢		Technologies assessed (Completed OFT)		
➢		Technologies refined		
		Activity	**Area (ha) / no. of Unit/Enterprise**	**No. of farmers/ beneficiaries**
2		**FLD**		
a.		CFLD-Oilseed (in ha)	**10**	**26**
b.		CFLD-Pulses (in ha)	**19**	**48**
c.		**FLD- Crop All(other than CFLD) (in ha)**		
➢		Proposed Frontline demonstrations	**16**	**160**
➢		On Going Frontline demonstrations	-	-
➢		Completed Frontline demonstrations	-	-
d.		**FLD- Agriculture Engineering (in ha)**		
➢		Proposed Frontline demonstrations	-	-
➢		On Going Frontline demonstrations	-	-
➢		Completed Frontline demonstrations	-	-
e.		**FLD - Animal Science (in ha for fodder/ no. of Unit/Enterprise)**		
➢		Proposed Frontline demonstrations	-	-
➢		On Going Frontline demonstrations	-	-
➢		Completed Frontline demonstrations	-	-
f.		**FLD - Fisheries (in ha/ no. of Unit/ Enterprise)**		
➢		Proposed Frontline demonstrations	-	-
➢		On Going Frontline demonstrations	-	-
➢		Completed Frontline demonstrations	-	-
g.		**FLD - Home Science (in ha/ no. of Unit/Enterprise)**		
➢		Proposed Frontline demonstrations	**4**	**30**
➢		On Going Frontline demonstrations	-	-
➢		Completed Frontline demonstrations	-	-

ii. Other Activities

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	**Training programmes**	No. of Course	Duration (days)	Participants
a.	Farmers and Farm women	60	60	1556
b.	Rural youth	5	10	127
c.	Extension personnel/ In service	4	8	124
d.	Vocational trainings	3	6	78
e.	Sponsored Training	2	2	52
	Total	**74**	**86**	**1937**
2	**Extension Activities**	No. of programmes	Participants	
a.	Extension Activities	**110**	**1830**	
3	**Production of technology inputs etc**	Quantity (quintal/number)	No. of farmers/ beneficiaries	
3.1	Seed Production (quintal)	**120**	**300**	
3.2	**Planting Material**			
a.	Planting material produced (nos.)	**3560**	**520**	
b.	Seedling Production (No.)	5670	513	
c.	Sapling Production (No.)	5422	503	
3.3	**Livestock & Fingerlings**	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	-	-	
	Milk Yield - Cow, Buffalo etc. (in liter)	3	-	
	Fish (Kg.)	-	-	
	Fingerlings (nos.)	-	-	
	Poultry-Eggs (nos.)	-	-	
	Ducks (nos.)	-	-	
	Chicks etc. (nos.)	-	-	
3.4	**Bio Products**	Qty	Beneficiaries (nos.)	
	Bio Agents -Earth worm (Kg.)	50 kg	50	
	Azola/ Trichoderma (kg.)	100 kg	100	
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	**150**	150	
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	**25**	25	
4	**Soil and Water sample**	Number	No. of farmers/ beneficiaries	

a.	Soil and Water sample testing by using Mini Soil Testing Kit (**Nos.**)	**350**	**350**
b.	No. of Soil health card issued by using Mini Soil Testing Kit (**Nos.**)	**350**	**350**
c.	Soil and Water sample testing by using Soil Testing Laboratory (**Nos.**)	**350**	**350**
d.	No. of Soil health card issued by using Soil Testing Laboratory (**Nos.**)	**350**	**350**
5	**Rainwater Harvesting System (Nos.)**	**3**	**100**
6	**SAC Meeting**	-	-
a.	SAC Meeting (**Nos.**)	**2**	**50**
b.	Proposed Date & No. of core/ official members	**June & Oct.**	**40**
7	**Nutri Smart Village**	-	-
a.	OFTs	**2**	**20**
b.	FLDs	**2**	**20**
c.	Trainings	**12**	**300**
d.	Extension activities	**12**	**360**
8	**Technology Demonstration under Tribal Sub Plan**	-	-
a.	**Tribal Sub Plan (TSP)**	-	-
	Other Activities	-	-
6	**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.)	9	3500
	KVK News letter	2	800
	KVK-KMA (Message sent and beneficiaries)	18	4600
		No. of Calls	**Respondent**
	Kisan Sarthi	-	-
		Nos.	**Participants/ beneficiaries**
	Convergence programmes	4	250
	Sponsored programmes	2	62
	KVK Progressive Farmers interaction	2	45
	No. of Technology Week Celebrations	2	66
	Attended HRD activities organized by ZPD	-	-
	Attended HRD activities organized by DES	4	4
	Attended HRD activities by KVK Staff(Refresher/Short course, Training programme etc.)	2	2
7	Current status of Revolving Funds (Amt. in Rs.)	-	1076391
		-	-

8		**No. of blocks**	**No. of villages**
	Outreach of KVK in the District	6	680
9		**ICAR**	**SAU**
	No. of important visitors to KVK (nos.)	-	4
10		**Working (Yes/No)**	**No. of Updates during the year**
	Status of KVK Website	Yes	12
11		**Application received**	**Application disposed**
	Status of RTI (nos.)	-	-
12		**Query received**	**Query dissolved**
	Citizen Charter (nos.)	-	-
13		**Filled**	**Vacant**
	Staff Position	9	7
14	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	4	-
15	Publication received from ICAR /other organization (nos.)	12	-
16		**Particulars**	**Organization**
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	8	IMD
		Nos. of Activities	**Participants/ beneficiaries**
17	Activities performed in Sansad Adarsh Gram	**18**	**575**
		Nos. of Activities	**Participants/ beneficiaries**
	Interventions on Drought Mitigation	**-**	**-**
18	Activities performed in DFI Village	18	610
20	Current status of Contingency (Amt. in Rs.)	-	-
	Case study / Success Story to be developed (Nos.)	5	-
19	**Administrative**	**No. of days occupy**	
a.	Utilization of Farmers Hostel	**25**	-
b.	Utilization of Staff Quarters	**4**	-

ICT Initiative

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number	No. of farmers/ beneficiaries	Number	No. of farmers/ beneficiaries	
	Status of KVK Website (no of monthly updates)	**12**	**5000**	**12**	**5000**	**-**
	Kisan Mobile Advisory (KVK-KMA)	**36**	**10000**	**18**	**4600**	**-**
	Whatsapp	**18**	**1200**	**18**	**4600**	**-**
	Facebook	**12**	**10000**	**2**	**510**	**-**
	KVK Portal	**12**	**10000**	**12**	**4200**	**-**
	Twitter	**12**	**10000**	**4**	**4000**	**-**
	Instragram	-	-	-	-	-

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on December, 2021

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	1	6	4	3	1	6	3	16	09

Name of KVK	Sanction post	Status (Filled/Vacant)	Name of the Employee	Discipline	Highest degree	Pay scale	Present pay	Date of joining	Category	Mobile Number	Email-id
Rajgarh	Sr. Scientist & Head	Filled	Dr. Kayam Singh	Agronomy	Ph.D	34400-67000+ 9000	46440	01.12.2014	SC	9009534624	kvk.rajgarh@rvskvv.net
Rajgarh	SMS/ Scientist 1	Filled	Dr. A.K. Mishra	PB & Genetics	Ph.D	84700	101640	18.01.1985	GEN	9754430855	anil1961.mishra@gmail.com
Rajgarh	SMS/ Scientist 2	Filled	Dr. Lal Singh	Horticulture	Ph.D	89800	107760	05.02.2007	SC	9926315545	lalsingh_sagar@rediffmail.com
Rajgarh	SMS/ Scientist 3	Filled	Dr. Bhagwan Kumrawat	Soil Science	Ph.D	92500	111000	26.03.2007	OBC	9407275707	bhagwankumrawat@yahoo.co.in
Rajgarh	SMS/ Scientist 4	Filled	Dr. Shalini Chakraborty	Home Science	Ph.D	143600	172320	16.04.2007	GEN	7869878765	shalini17576@gmail.com
Rajgarh	Programme Assistant	Filled	Shri M.P. Nayak	Agronomy	M.Sc Ag	7th pay	58600	03.03.2011	GEN	9826635707	kvk.rajgarh@rvskvv.net
Rajgarh	Driver	Filled	Shri Gajanan Malviya	Driver	H.S.C.	7th pay	29400	12.03.2003	OBC	-	kvk.rajgarh@rvskvv.net
Rajgarh	Driver	Filled	Yogendra Kosre	Driver	H.S.C	7th pay	27800	08.07.2008	ST	9993135874	kvk.rajgarh@rvskvv.net
Rajgarh	Supporting staff, if any	Filled	Mo. Zameel Khan	TSL	8th	7th pay	28000	15.04.1994	GEN	7566405631	kvk.rajgarh@rvskvv.net

1.2. Total land with KVK (in ha)

:

S. No.	Item	Area (ha)
1	Under Buildings	0.5
2.	Under Demonstration Units	1.0
3.	Under Crops	8.0
4.	Orchard/Agro-forestry	3.0
5.	Others (specify)	2.17

1.3 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	2004	-	-	-	-	-
2.	Farmers Hostel	ICAR	2005	-	-	-	-	-
3.	Staff Quarters (6)	ICAR	2005	-	-	-	-	-
4.	Fencing	Zila Panchayat	2013	-	-	-	-	-
5	Threshing floor	-	-	-	-	-	-	-
6	Implement Shed	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-
8	Poly House	-	-	-	-	-	-	-
9	Net House	-	-	-	-	-	-	-
10	Azola Unit	-	-	-	-	-	-	-
11	Demonstration Units	RKVY	2016	-	-	-	-	-
12	Demonstration Units	-	-	-	-	-	-	-
13	Any Other(pl.specify)	-	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Marshal	-	-	-	-
Motor Cycle	2013	50000	14700	Good
Bolero	2011	600000	216675	**Need to Replace**

C) Equipments& AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Projector	2005	20000	Need to replace
Xerox Machine	2016	80000	Working
Generator	2010	50000	Working
Video Camera	-	-	-
Computer, Laser Printer	2007	150000	Need to replace
UPS 600 VA	2005	8000	Need to replace
Stabilizer 2 KVA	2005	2500	Need to replace
Stabilizer	2005	4000	Need to replace
Inverter 600 VA (2)	2005	3500	Need to replace
Inverter Battery (2)	2005	7000	Need to replace

1.4. 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

1.5. 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	Chosla	2019	Rajgarh	22 km	1850	650
Rajgarh MP	Chatukheda	2020	Rajgarh	20 km	4320	1300
Rajgarh MP	Banskheda	2020	Rajgarh	25 Km	2790	900

1.6 Details of Operational area / Villages (31st December, 2021)

S.No	KVK	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Rajgarh	Rajgarh, Biaora, Narsingarh, Khilchipur, Zirapur, Sarangpur	Chatukheda, Banskheda, Bhuri, Chatkiya,	Soybean, Maize, Urd, Wheat, Gram, Lentil, Mustard, Coriander, Dairy, Citrus	Indigenous seed and planting materials, Imbalance use of fertilizer, Lack of knowledge about judicious uses of pesticides and fertilizer, Unawareness about judicious use of irrigation water, Infestation of Weed and pest, Unemployment of rural population, Migration for livelihood during lien period, Drudgery in farm women, Lack of knowledge about use of farm implements, Unawareness about value addition, Unawareness about scientific livestock management	Early maturing & stress tolerant varieties of major crops, Technologies of crop cultivation & protection during dry spell condition in kharif, Production & utilization of farm waste for organic manuring to improve soil health, Crop diversification, Entrepreneurship development among the rural youth, Drudgery reduction in warm women, Breed improvement in livestock, Feasible soil and water conservation techniques & NRM

1.7. 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

1.8. 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	**Chosla, Chatukheda, Banskheda Block Rajgarh**
Rajgarh	Imbalance use of fertilizer	PRA survey /group discussion	**Chosla, Chatukheda, Banskheda Block Rajgarh**
Rajgarh	Lack of knowledge about judicious uses of pesticides and fertilizer	PRA survey /group discussion	**Chosla, Chatukheda, Banskheda Block Rajgarh**
Rajgarh	Unawareness about judicious use of irrigation water	PRA survey /group discussion	**Chosla, Chatukheda, Banskheda Block Rajgarh**
Rajgarh	Infestation of Weed and pest	PRA survey /group discussion	**Chosla, Chatukheda, Banskheda Block Rajgarh**
Rajgarh	Unemployment of rural population	PRA survey /group discussion	**Chosla, Chatukheda, Banskheda Block Rajgarh**
Rajgarh	Migration for livelihood during lien period	PRA survey /group discussion	**Chosla, Chatukheda, Banskheda Block Rajgarh**
Rajgarh	Drudgery in farm women	PRA survey /group discussion	**Chosla, Chatukheda, Banskheda Block Rajgarh**
Rajgarh	Lack of knowledge about use of farm implements	PRA survey /group discussion	**Chosla, Chatukheda, Banskheda Block Rajgarh**
Rajgarh	Unawareness about value addition	PRA survey /group discussion	**Chosla, Chatukheda, Banskheda Block Rajgarh**
Rajgarh	Unawareness about scientific livestock management	PRA survey /group discussion	**Chosla, Chatukheda, Banskheda Block Rajgarh**

2.A. Details of target and achievements of mandatory activities by KVK during 2021

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops)				FLD (Enterprises)			
1				2				3			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers		Area in ha/Units in No.		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
16	12	16	12	24	20	240	200	-	-	-	-

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	70	72	1750	1810	80	60	3200	2510
Rural youth	5	5	125	138	-	-	-	-
Extn. Functionaries	5	5	125	142	-	-	-	-
ARYA Training	-	-	-	-	-	-	-	-

Seed Production (q.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
250	125	100	5000	5000	1000

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/m2
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 m2
	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 Summary of Technology Assessment

Category	No. of Technology Assessed	No. of Trials	No. of Farmers
Technology Assessed	-	-	-
Crops	12	60	60
Agriculture Engineering	-	-	-
Animal Science	-	-	-
Fisheries	-	-	-
Extension	-	-	-
Home Science	2	20	20
Various enterprises	-	-	-
Total	**14**	**80**	**80**

2.2 Information about OFT:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Soil Science
Title of on-farm trial:	**Assessment of INM in Soybean on STV Base**
Year/Season:	Kharif 2021
Farming situation:	Irrigated
Problem diagnosis:	**Low yield due to imbalance used of fertilizer**
Thematic area:	**INM**
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-	**T1- NPK- 20:50:0**
T2 –Recommended Practice-	**T2- NPK 50% (10:30:15) + 1t vermicompost**
T3- Recommended Practice-	**T3- NPKSZn- 20:60:20:20:5**
Date of sowing:	01/07/2021
Date of harvesting:	15/10/2021

Source of technology:	**RVSKVV 2011**
Characteristics of technology:	Remunerative, Sustainable
Name of Crop/Enterprises:	Soybean
Recommendations for Farmers	**NPK 50% (10:30:15) + 1t vermicompost**
Recommendations for Deptt. Personnel	**NPK 50% (10:30:15) + 1t vermicompost**
Feedback	**Sustainable**

Result : (Economic Performance of OFT)

Details of technology	Parameter Name and Unit of Parameter	Result (Yield q/ha.)	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)	No. of pods -8.3	7.60	16600	30800	14200	1.85
T2(Recommended Practice)	No. of pods -9.4	8.90	17700	36900	19200	2.08
T3(Recommended Practice)	No. of pods -11.2	9.10	17900	38100	20200	2.12

2.2 Information about OFT:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Soil Science
Title of on-farm trial:	**Assessment of INM in Onion on STV base**
Year/Season:	**Kharif , 2021**
Farming situation:	Rainfed
Problem diagnosis:	**Low yield due to imbalance used of fertilizer**
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-	**T1- NPK- 100:50:0**
T2 –Recommended Practice-	**T2- NPK 50% (50:30:30) - 5t vermicompost**
T3- Recommended Practice-	**T3- NPKS- 100:60:60:40**
Date of sowing:	15/07/2021
Date of harvesting:	30/10/2021
Source of technology:	**RVSKVV 2011**
Characteristics of technology:	**Remunerative, Sustainable**
Name of Crop/Enterprises:	Onion
Recommendations for Farmers	**NPK 50% (50:30:30) - 5t vermicompost**
Recommendations for Deptt. Personnel	**NPK 50% (50:30:30) - 5t vermicompost**
Feedback	Remunerative, Sustainable

Result : (Economic Performance of OFT)

Details of technology	Parameter Name and Unit of Parameter (Weight of bulb g)	Result (Yield q/ha.)	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)	46	65	60000	130000	70000	2.16
T2(Recommended Practice)	72	86	85000	172000	87000	2.02
T3(Recommended Practice)	75	89	80000	178000	98000	2.22

2.2 Information about OFT:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Horticulture
Title of on-farm trial:	**Assessment of Nursery Management in vegetables**
Year/Season:	Kharif 2021
Farming situation:	**Irrigation**
Problem diagnosis:	**Low germination of seeds**
Thematic area:	**HOV**
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-	**T1- Nursery Raising in flat**
T2 –Recommended Practice-	**T2- Nursery Raising in raised bed**
T3- Recommended Practice-	**T3- Nursery Raising in plastic tray**
Date of sowing:	22/06/2021
Date of harvesting:	25/07/2021
Source of technology:	**IARI 2011**
Characteristics of technology:	**Remunerative, Sustainable**
Name of Crop/Enterprises:	**vegetables**
Recommendations for Farmers	**Nursery Raising in raised bed & in plastic tray**
Recommendations for Deptt. Personnel	-
Feedback	Suitable for farmer's

Result : (Economic Performance of OFT)

Details of technology	Parameter Name and Unit of Parameter (No of seedling/m2)	Result	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)	2000	1500 (75%)	800	3000	2000	3.75
T2(Recommended Practice)	2000	1600 (80%)	1000	4000	3000	4.00
T3(Recommended Practice)	2000	1820 (91%)	1500	5460	3960	3.64

2.2 Information about OFT:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Horticulture
Title of on-farm trial:	**Assessment of Improved variety of Beans**
Year/Season:	Kharif 2021
Farming situation:	**Rainfed**
Problem diagnosis:	**Low yield due to local variety**
Thematic area:	**IV**
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-	**T1- Local**
T2 –Recommended Practice-	**T2- Jawahar sem 85**
T3- Recommended Practice-	**T3- Ganesh**
Date of sowing:	08/07/2021
Date of harvesting:	20 Dec to 28 Feb 2022
Source of technology:	**JNKVV 2007**
Characteristics of technology:	**High yielding, early maturity,**
Name of Crop/Enterprises:	IV
Recommendations for Farmers	Jawahar sem 85 & Ganesh Suitable for farmers of this region
Recommendations for Deptt. Personnel	-
Feedback	Suitable for Rajgarh district

Result : (Economic Performance of OFT)

Details of technology	Parameter Name and Unit of Parameter	Result Yield kg/ha.	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)	No of Pods /plant -96	5440	60000	163200	103200	2.72
T2(Recommended Practice)	No of Pods /plant -137	9560	80000	286800	206800	3.58
T3(Recommended Practice)	No of Pods /plant -106	8320	80000	249600	169600	3.12

2.2 Information about OFT:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Horticulture
Title of on-farm trial:	**Assessment of Improved variety of Cucumber**
Year/Season:	Kharif 2021
Farming situation:	Rainfed
Problem diagnosis:	**Low yield due to local variety**
Thematic area:	**IV**
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-	**T1- Local**
T2 –Recommended Practice-	**T2- cucumber 30**
T3- Recommended Practice-	**T3- Kheera deep 45**
Date of sowing:	05/07/2021
Date of harvesting:	15/11/2021
Source of technology:	**RVSKVV**
Characteristics of technology:	**High yielding, early maturity**
Name of Crop/Enterprises:	**Cucumber**
Recommendations for Farmers	Cucumber 30 & Kheera deep 45 are suitable for farmer of this region
Recommendations for Deptt. Personnel	-
Feedback	Suitable for Rajgarh district

Result : (Economic Performance of OFT)

Details of technology	Parameter Name and Unit of Parameter (No. of Fruits / plant)	Result (Yield q/ha)	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)	10.21	155.70	40000	155700	115700	3.89
T2(Recommended Practice)	12.39	191.30	50000	229560	179560	4.59
T3(Recommended Practice)	13.42	202.81	50000	243372	193372	4.87

2.2 Information about OFT:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Agronomy
Title of on-farm trial:	**Assessment of weed management in Soybean**
Year/Season:	Kharif 2021
Farming situation:	Rainfed
Problem diagnosis:	**Low yield due to heavy infestation of insect pest & diseases and unavaiblility of labour and their high cost also. Continue rains does not allow intercultural operation**
Thematic area:	**IDM**
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-	**T1-Imazethapyr@1 L/H at 20 DAS**
T2 –Recommended Practice-	**T2-Quizalofop-ethyle@1 L/H at 20 DAS**
T3- Recommended Practice-	**T3- Quizalofop-ethyle@1 L/H at 20 DAS+ Chlroentra niliprol@100ml/hec at 20 DAS**
Date of sowing:	28/06/2021
Date of harvesting:	10/10/2021
Source of technology:	**NRCS, 2012 Jabalpur (MP)**
Characteristics of technology:	**Manage & control of insect pest & diseases**
Name of Crop/Enterprises:	**Soybean**
Recommendations for Farmers	These weedicide are effectively control weeds
Recommendations for Deptt. Personnel	-
Feedback	Suitable for Rajgarh district

Result : (Economic Performance of OFT)

Details of technology	Parameter Name and Unit of Parameter (No. of weeds/sq.m.)	Result (Yield q/ha)	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)	12.3	6.70	16700	31300	14600	1.87
T2(Recommended Practice)	6.8	9.20	17900	41400	23500	2.31
T3(Recommended Practice)	6.3	9.40	18200	42800	24600	2.35

2.2 Information about OFT: A

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Plant Breeding
Title of on-farm trial:	**Assessment of Improved Varieties of Green Gram .**
Year/Season:	**Kharif 2021**
Farming situation:	**Rainfed, Medium rainfall medium black soil with proper drainage system**
Problem diagnosis:	**Low yield, non availability of synchronous variety , non availability of YMV resistant**
Thematic area:	**IV**
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-	**T1- Local**
T2 –Recommended Practice-	**T2- Virat**
T3- Recommended Practice-	**T3- Shikha**
Date of sowing:	10.07.2021
Date of harvesting:	04.09.2021
Source of technology:	**IPRI 2016**
Characteristics of technology:	**Early, high yielding ,resistance to YMV, synchronous Maturity**
Name of Crop/Enterprises:	**Green Gram**
Recommendations for Farmers	Use the improved variety, Balance dose of fertilizer and timely sowing
Recommendations for Deptt. Personnel	-
Feedback	Suitable for Rajgarh district

Result : (Economic Performance of OFT)

Details of technology	Parameter Name and Unit of Parameter	Result Yield kg/ha	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)	No of pods / plant- 60	1210	9000	32400	23400	3.6
T2(Recommended Practice)	No of pods / plant-78	1560	10000	40500	30500	4.05
T3(Recommended Practice)	No of pods / plant-75	1510	10000	41400	31400	4.14

2.2 Information about OFT: A

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Plant Breeding
Title of on-farm trial:	**Assessment of Improved Varieties of Soybean**
Year/Season:	**Kharif 2021**
Farming situation:	**Rainfed, Medium rainfall medium black soil with proper drainage system**
Problem diagnosis:	**Low yield, non availability of synchronous variety , non availability of YMV resistant**
Thematic area:	**IV**
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-	**T1- Local**
T2 –Recommended Practice-	**T2- JS 9560**
T3- Recommended Practice-	**T3- RVS 24**
Date of sowing:	28.06.2021
Date of harvesting:	13.10.2021
Source of technology:	**RVSKVV 2014**
Characteristics of technology:	**high yielding , Medium maturity resistance to YMV**
Name of Crop/Enterprises:	**Soybean RVS 24**
Recommendations for Farmers	Early medium variety, high yielding, resistance to YMV
Recommendations for Deptt. Personnel	-
Feedback	Suitable for Rajgarh district

Result : (Economic Performance of OFT)

Details of technology	Parameter Name and Unit of Parameter	Result Yield kg/ha.	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)	No. of Pods/Plant -30	930	20000	98000	78000	4.9
T2(Recommended Practice)	No. of Pods/Plant -45	1525	21000	107800	86800	5.13
T3(Recommended Practice)	No. of Pods/Plant -50	1690	21000	127400	106700	6.06

2.2 Information about OFT:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Plant Breeding
Title of on-farm trial:	**Assessment of improved variety in Mustard**
Year/Season:	Rabi 2021-22
Farming situation:	**irrigated**
Problem diagnosis:	**Low yield due to lac of improved variety**
Thematic area:	**IV**
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-	**T1- Jawahar mustard**
T2 –Recommended Practice-	**T2- RH 749**
T3- Recommended Practice-	**T3- PM-31**
Date of sowing:	15-20 October2021
Date of harvesting:	Februry
Source of technology:	**IARI2018**
Characteristics of technology:	**High yielding, early maturity, resistant to white rust and stem rote**
Name of Crop/Enterprises:	**Mustard**
Recommendations for Farmers	Use double zero line PM-31for high qulity of oil and seed yield
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Parameter Name and Unit of Parameter	Result Yield kg/ha.	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)	No. of Siliqua / plant-60	1230	18000	72000	34000	4.0
T2(Recommended Practice)	No. of Siliqua / plant-81	1640	19000	114000	95000	6.0
T3(Recommended Practice)	No. of Siliqua / plant-93	1810	19000	120000	101000	6.31

2.2 Information about OFT:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Plant Breeding
Title of on-farm trial:	**Assessment of improve variety of Wheat crop.**
Year/Season:	Rabi 2021-22
Farming situation:	**irrigated**
Problem diagnosis:	**Low yield due to lac of high yielding variety & technology.**
Thematic area:	**IV**
No of trials:	10
No. of farmers involved	10
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	**T1-Farmer practices (Lok -1)**
T2 –Recommended Practice-	**T2-Pusa Anmol (HI 8737)**
T3- Recommended Practice-	**T3-Pusa Tejas (HI 8759)**
Date of sowing:	5-10 November2021
Date of harvesting:	March 20222
Source of technology:	**IARI, 2010**
Characteristics of technology:	**Pusa Tajes: Maturity in 120-125 days, yield 65-70 q/ha, bold seeded, multiple resistant and heat tolerant, rich in iron, zinc and protein,** **Pusa Ujala : sown irrigated condition, Maturity 120-125 days, yield 65-70 q/ha, resistant to black and brown rust diseases**
Name of Crop/Enterprises:	**Wheat**
Recommendations for Farmers	Use durum wheat for higher seed yield
Recommendations for Deptt. Personnel	Use durum wheat for higher seed yield
Feedback	Suitable of Rajgarh

Result : (Economic Performance of OFT)

Details of technology	Parameter Name and Unit of Parameter	Result Yield kg/ha.	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)	No. of Tillers / plant-8	3920	38000	72000	34000	1.89
T2(Recommended Practice)	No. of Tillers / plant-12	5360	40000	91200	56200	2.28
T3(Recommended Practice)	No. of Tillers / plant-18	5880	40000	108000	68000	2.70

2.2 Information about OFT:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Soil Science
Title of on-farm trial:	**Assessment of INM in Coriander on STV Base**
Year/Season:	Rabi 2021-22
Farming situation:	Irrigated
Problem diagnosis:	**Low yield due to imbalance used of fertilizer**
Thematic area:	**INM**
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-	**T1- NPK- 60:30:0**
T2 –Recommended Practice-	**T2-NPK 50% (30:15:15) + 2t vermicompost**
T3- Recommended Practice-	**T3-NPKS- 60:30:30:40**
Date of sowing:	15/11/2021
Date of harvesting:	
Source of technology:	**RVSKVV**
Characteristics of technology:	**High yielding, Resource conservative**
Name of Crop/Enterprises:	**Coriander**
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Parameter Name and Unit of Parameter	Result Yield Kg/ha.	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)	No. of Umbels – 55	1325	27000	86670	59670	3.21
T2(Recommended Practice)	No. of Umbels – 62	1510	28500	104025	75525	3.65
T3(Recommended Practice)	No. of Umbels - 64	1535	28000	105840	77840	3.78

2.2 Information about OFT:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Soil Science
Title of on-farm trial:	**Assessment of INM in lentil on STV Base**
Year/Season:	Rabi 2021-22
Farming situation:	Irrigated
Problem diagnosis:	**Low yield due to imbalance used of fertilizer**
Thematic area:	**INM**
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-	**T1-NPK- 20:50:0**
T2 –Recommended Practice-	**T2-NPK 50% (10:30:15) +1t vermicompost**
T3- Recommended Practice-	**T3-NPKSZn- 10:30:15:10:5**
Date of sowing:	05/11/2021
Date of harvesting:	
Source of technology:	**RVSKVV 2011**
Characteristics of technology:	**High yielding, Resource conservative**
Name of Crop/Enterprises:	**lentil**
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Parameter Name and Unit of Parameter	Result Yield kg/ha	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)	No of Pods – 36	910	22500	54675	32175	2.43
T2(Recommended Practice)	No of Pods – 45	1105	23500	62980	39480	2.68
T3(Recommended Practice)	No of Pods – 46	1125	24000	65520	41520	2.73

2.1 Information about OFT:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Soil Science
Title of on-farm trial:	**Assessment of K S and Zn application in Mandarin (VI years and VII)**
Year/Season:	Rabi 2021-22
Farming situation:	**Irrigated**
Problem diagnosis:	**Low Yield of Mandarin due to imbalance use of fertilizer & non use of micro nutrient**
Thematic area:	**INM**
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-	**T1- FYM- 10 Kg per plant**
T2 –Recommended Practice-	**T2 – NPK- 300 g + 250 g + 0 + 50Kg FYM/plant**
T3- Recommended Practice-	**T3- NPK- 300 g + 250 g + 600g + 10g ZnSO4 /plant**
Date of sowing:	
Date of harvesting:	
Source of technology:	**JNKVV 2000**
Characteristics of technology:	**High yield due to balance fertilization**
Name of Crop/Enterprises:	**Mandarin**
Recommendations for Farmers	NPK- 300 g + 250 g + 0 + 50Kg FYM/plant
Recommendations for Deptt. Personnel	NPK- 600 g + 200 g + 100g + 10g ZnSO4 /plant
Feedback	Sustainable

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter Fruit wt	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)	Yield q/ha.	134.4	63800	155400	91600	2.43
T2(Recommended Practice)	Yield q/ha.	154.5	70300	181300	111000	2.57
T3(Recommended Practice)	Yield q/ha.	163.0	74200	187500	113300	2.52

2.1 Information about OFT:

Name of Discipline (like Agronomy/Horticulture/ Soil Science/ Plant Protection/Plant Breeding/ Agroforestry/Agri Engineering/Animal Science/ Fisheries etc)	Horticulture
Title of on-farm trial:	**Assessment of Integrated disease (Powdery mildew) management in Coriander.**
Year/Season:	Rabi 2021-22
Farming situation:	**Irrigated**
Problem diagnosis:	**Low yield due to high infestation of Powdery mildew**
Thematic area:	**IDM**
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-	**T1 : spray of sulphur Powder 20-25 kg/h.**
T2 –Recommended Practice-	**T2 : - Seed Treatment- Corbendzim +thirum (2:1) 3 gm/kg seed+sulphur 3 gm/lit water spray 10 to 15 day interval**
T3- Recommended Practice-	**T3 : Seed Treatment Tricodurma 5 gm/kg seed, + sulphur powder 25 kg/ha. At the time of before frost**
Date of sowing:	17/11/2021
Date of harvesting:	04/03/2022
Source of technology:	**NRC of Spices Ajmer Rajasthan 2010**
Characteristics of technology:	**High yielding, economically viable**
Name of Crop/Enterprises:	**Coriander**
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter no of disease plant/ m2	Unit of Parameter Yield kg/ha.	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)	35	1208	27000	78520	51520	2.90
T2(Recommended Practice)	6	1457	28000	94705	66705	3.38
T3(Recommended Practice)	5	1635	28500	106275	77775	3.72

2.3. 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 **(Please choose and give the parameters name and value according to suitable your OFT)**

Performance indicators/ parameters	Unit/ details	Observation		
		T1 (Farmers Practice)	T2(Recommended Practice)	T3(Recommended Practice)

2.4. Information about Home Science OFT:

Title of on-farm trial:	**Assessment of Twin Wheel Hoe in Soybean**
Year/Season:	Kharif 2021
Problem diagnosis:	**Higher Drudgery & reduced work efficiency**
Thematic area:	**WOE/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-	**T1 Use of Khurpi for weeding**
T2 –Recommended Practice-	**T2 : Single Wheel Hoe**
T3 –Recommended Practice-	**T3 :Twin Wheel Hoe**
Source of technology:	**CIAE 2007**
Characteristics of technology:	**Drudgery reducer & working efficiency enhancer**
Name of Crop/Enterprises:	**Twin Wheel Hand Hoe**
Farming situation:	Rainfed
Date of sowing:	-
Date of harvesting:	-
Recommendations for Farmers	Wheel hoe and Twin wheel hoe are very much efficient for weeding purpose.
Recommendations for Deptt. Personnel	Wheel hoe and Twin wheel hoe should be popularize for efficient weeding of Soyabean.
Feedback	

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

Detail of Technology	Output (m^2 /hour)	Est. Energy Expenditure kj/min	WHR beat/min	% reduction in drudgery	% increase in efficiency	Cardiac Cost of Work(beats/ m^2)	% Saving of cardiac Cost
T_1(Farmers Practices)	72.16	4.83	85.20	-		7.05	
T_2 (Recommended Practices)	149.84	4.30	81.88	53.04	107	3.21	**53**
T_3(Recommended Practices	173.12	4.21	81.32	57.44	**140**	2.86	**57**

2.4. Information about Home Science OFT:

Title of on-farm trial:	**Assessment of Navin Seed dibler**
Year/Season:	**Kharif 2021**
Problem diagnosis:	**High Drudgery low work efficiency**
Thematic area:	**WOE/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-	**T1 : Use of Cloth bag for fertilizer broadcasting**
T2 –Recommended Practice-	**T2 : - Use of Navin seed dibbler**
Source of technology:	**CIAE 2005**
Characteristics of technology:	**-Drudgery reducer working capacity enhancer**
Name of Crop/Enterprises:	**MAIZE**
Farming situation:	**Rainfed**
Date of sowing:	-
Date of harvesting:	-
Recommendations for Farmers	Navin Seed Dibbler is very much efficient for sowing purpose.
Recommendations for Deptt. Personnel	Navin Seed Dibbler should be popularize for efficient sowing of maize.
Feedback	

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

Detail of Technology	Output (m2/hour)	Est. Energy Expenditure kj/min	WHR beat/min	% reduction in drudgery	% increase in efficiency	Cardiac Cost of Work(beats/ m^2)	% Saving of cardiac Cost
T_1(Farmers Practices)	115	7.97	105	-	-	7.82	-
T_2 (Recommended Practices)	145	6.54	96	57.7	26	3.31	57

2.4. Information about Home Science OFT:

Title of on-farm trial:	**Assessment of Manually operated Fruit Harvester**
Year/Season:	Rabi 2021-22
Problem diagnosis:	**Higher Drudgery & reduced work efficiency**
Thematic area:	**WOE/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-	**T1: Picking of fruits by climbing on the trees**
T2 –Recommended Practice-	**T2 : Fruit Harvester**
Source of technology:	**CIAE 2008**
Characteristics of technology:	**Drudgery reducer & working efficiency enhancer**
Name of Crop/Enterprises:	**Fruit Harvester**
Farming situation:	Rainfed
Date of sowing:	-
Date of harvesting:	-
Recommendations for Farmers	**Manually operated Fruit Harvester** is very much efficient for picking of oranges.
Recommendations for Deptt. Personnel	**Manually operated Fruit Harvester** should be popularize among farmwomen for picking of oranges
Feedback	

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

Detail of Technology	Output (kg/hour)	Est. Energy Expenditure kj/min	WHR beat/min	% reduction in drudgery	% increase in efficiency	Cardiac Cost of Work (beats/ m^2)	% Saving of cardiac Cost
T_1(Farmers Practices)	240	8.77	110	--	-	6.25	-
T_2 (Recommended Practices)	325	7.82	104	44	28	3.50	44

(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 Summary of FLDS

Categories	No. of activity/Technology demonstrated	Area (ha)	Unit / Animal (no.)	Beneficiaries
Cereal	Demonstration of Integrated Nutrient management in Hybrid Maize NPK- 120:60:40	2.0	5	5
	120:60: Target Yield- 50 q/ha, FN-4.40T - 0.40 SN, FP2O5- 4.00T – 4.58 SP, FK2O- 2.53T - 0.16 SK NPKZn-40:5	2.0	5	5
	T2-Sulphosulfuron 75% + Matsulfuron Methyl 5% WG @ 30+2g a.i /ha at 30 DAS	2.0	5	5
Pulses	IV- PU 30 seed + Seed treatment with Carbendazim + Mencozeb + rhizobium, PSB +RDF+A. Molybdate + Swing on R & F with N.P.K.S. 20:50:20:20 on STV based kg./ha + Imazathypar @500 ml. At 20 DAS+ Chlroentra niliprol @ 100 ml / ha.	2.0	5	5
	Ammonium Molybdate1g/kg seed + Bio-fertilizer 5 g/kg of seed + RDF (20:60:20 NPK kg/ha)	2.0	5	5
Oilseed	Targeted yield equation Target Yield- 20 q/ha, FN- 5.19T - 0.48 SN, FP2O5- 5.2 T – 4.1 SP, FK2O- 3.9 T - 0.22 SK NPKSZn-30:60:20:20:5	2.0	5	5
	RVS 2001-4 seed + Seed treatment with Carbendazim + Mencozeb + rhizobium, PSB +RDF+ Swing on R & F with N.P.K.S. 20:50:20:20 on STV based kg./ha + Imazathypar @500 ml. At 20 DAS+ Chlroentra niliprol @ 100 ml / ha.	2.0	5	5
Spices	Coriander- Improved variety of Rcr 436 + Seed treatment with Carbendazim + Mencozeb 2 g/kg seed + Sulphur @ 25 kg/ha.	2.0	5	5
	NAA @ 1ml /litre and GA 3 @1.5ml /litre of water	2.0	5	5
Vegetable				
Tuber				
Millet				
Fruit	* First spray ga3 10 PPM + Urea 1 % at the Time of flowering, * Secound Spray 2,4-D 15 PPM + Carbandazim 1000 PPM + urea 1 % are month after fruit set when the fruit size reaches pea size 8-00 mm, * Third spray GA3 10 PPM + KN03 1% two month after fruit set fruit size 18-20 mm	2.0	10	10
Fibre				
Flower				
Fodder				
Cash Crop				
Medicinal and aromatic plants				
Other				
Total				
Enterprises			-	

Categories	No. of activity/Technology demonstrated	Area (ha)	Unit / Animal (no.)	Beneficiaries
(ha/Units)				
Agriculture Engineering				
Animal Science (ha/unit)				
Fisheries				
Women Empowerment				
Other Enterprises				
Total				
Grand Total				

3.2 Details of FLDs on Crop implemented during Jan-2021 to Dec-2021

KVK Name	Year	Season	Discipline (Agronomy/Horticulture/ Soil Science/Plant Protection/Plant Breeding/ Agroforestry)	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

3.3 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 **Target Yield- 20 q/ha, FN- 5.19T - 0.48 SN, FP2O5- 5.2 T – 4.1 SP, FK2O- 3.9 T - 0.22 SK NPKSZn-30:60:20:20:5**	Oilseed	No of pods/plant	21.7	24.3	20700	22300	41500	46400	20800	24100	2.00	2.08
Rajgarh	**Demonstration of Integrated Nutrient management in Hybrid Maize** NPK- 120:60:40	Cereal	No of Cobs/plant	1.2	1.6	20200	21900	50100	64300	29900	42400	2.48	2.93
Rajgarh	**Demonstration on Nutritional Kitchen Garden**	Vegetable and seedlings	-										
Rajgarh	*** First spray ga3 10 PPM + Urea 1 % at the Time of flowering * Secound Spray 2,4-D 15 PPM + Carbandazim 1000 PPM + urea 1 % are month after fruit set when the fruit size reaches pea size 8-00 mm * Third spray GA3 10 PPM + KN03 1% two month after fruit set fruit size 18-20 mm**	Fruits	No. Fruits/Plant	282	332	40000	45000	236930	282490	197210	237610	4.97	5.31
Rajgarh	**Demonstration on improved variety of Cow pea**	Vegetables	No of pods/plant	39	57	40000	45000	167210	2010120	127310	164715	3.21	3.75

Rajgarh	**IV- PU 30 seed + Seed treatment with Carbendazim + Mencozeb + rhizobium, PSB +RDF+A. Molybdate + Swing on R & F with N.P.K.S. 20:50:20:20 on STV based kg./ha + Imazathypar @500 ml. At 20 DAS+ Chlroentra niliprol @ 100 ml / ha.**	Pulse	No of pods/plant	40	60	8000	10000	48320	65520	40320	55520	6.04	6.55
	RVS 2001-4 seed + Seed treatment with Carbendazim + Mencozeb + rhizobium, PSB +RDF+ Swing on R & F with N.P.K.S. 20:50:20:20 on STV based kg./ha + Imazathypar @500 ml. At 20 DAS+ Chlroentra niliprol @ 100 ml / ha	Oil seed	No of pods/plant	51	68	18000	19000	100170	121170	82170	102170	5.56	6.37
	RVG-202 Ammonium Molybdate1g/kg seed + Bio-fertilizer 5 g/kg of seed + RDF (20:60:20 NPK kg/ha)	Pulses	No of pods/plant	45	60	18000	20000	90000	126000	72000	105000	5.0	6.3
	Pusa Ujala 120:60: Target Yield- 50 q/ha FN-4.40T - 0.40 SN, FP2O5- 4.00T – 4.58 SP, FK2O- 2.53T - 0.16 SK NPKZn-40:5	Cereal	No of tillers/plant	8	18	38000	40000	72000	100800	34000	60800	1.89	2.52
Rajgarh	**Ammonium Molybdate1g/kg seed + Bio-fertilizer 5 g/kg of seed + RDF (20:60:20 NPK kg/ha)**	Pulses	No of pods/plant	28.3	32.2	22300	23200	61500	73200	39200	50000	2.76	3.15
	Target Yield- 50 q/ha FN-4.40T - 0.40 SN, FP2O5- 4.00T – 4.58 SP, FK2O- 2.53T - 0.16 SK NPKZn-120:60:40:5	Cereal	No of tillers	8.6	11.1	25200	26300	47628	66276	22428	39976	1.89	2.52
	Ajmer dhaniya – 1 & Sulphur @ 20 kg/ha.	Spices	No of umbels	69.5	78.7	35000	40000	94780	121520	54916	71012	2.71	3.04
	Demonstration of Potato peeler	Implement	-										
	Demonstration on CIAE Dall Mill	Implement	-										
	NAA @ 1ml /litre and GA 3 @1.5ml /litre of water	Spice	Bulb size										
	T2-Sulphosulfuron 75% + Matsulfuron Methyl 5% WG @ 30+2g a.i /ha at 30 DAS	Cereal	No of weeds										

3.4 Details of FLDs on Agriculture Engineering implemented during Jan-2021 to Dec-2021

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/ Enterprise Category	Name of Crop/ Enterprise	Name of Variety/Technology / Enterprise	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
											FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.5 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	-	-	-	-	-	-	-	-	-	-	-	-	-

3.6 Details of FLDs on Animal Science implemented during Jan-2021 to Dec-2021

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/ Enterprise Category	Name of Crop/ Enterprise	Name of Variety/Technology / Enterprise	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
											FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-					

3.7 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	-	-	-	-	-	-	-	-	-	-	-	-	-

3.8 Details of FLDs on Fishery implemented during Jan-2021 to Dec-2021

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/ Enterprise Category	Name of Crop/ Enterprise	Name of Variety/Technology/ Enterprise	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
											FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-					

3.9 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)
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-

3.10 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	2021	Rabi	DR	**Demonstration on Naveen Seed Dibbler**	Naveen Seed Dibbler	Maize	2	120 M^2/hr	160	33%	1	1	2	6	10
Rajgarh	2021-22	Kharif & Rabi	Nutritional Security	**Demonstration of Nutritional Kitchen Garden**	Bathua, Spinach, Fenugreek, Brinjal, Raddish, Onion, Garlic, Carrot	Backyard Kiitchen Graden	2000 m2	130	225	73%	3	2	5	10	20

Economic Performance Home Science FLD: (Drudgery Reduction)

KVK name	Technology demonstrated	Performance Indicator / Parameter													
		Output * M^2/hr		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	**Demonstration on Naveen Seed Dibbler**	120	150	7.97	6.54	104	97	-	57.7	-	26	7.82	3.31		

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	-	-	225	-	165	-	1850	-	41	-	24		200		9		4		

3.11 Training and Extension activities conducted under FLD

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

3.12 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 (*please fill all columns)

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
			Crop Production	Weed Management											
Rajgarh			**Crop Production**	Resource Conservation Technologies											
			Crop Production	Cropping Systems											
		ONC	**Crop Production**	Crop Diversification	Crop Diversification	1	1	2	-	-	2	-	1	-	23
			Crop Production	Integrated Farming											
		ONC/OFC	**Crop Production**	Micro irrigation/irrigation	Micro irrigation/irrigation	3	1	2	-	4	-	3	-	21	-
		ONC/OFC	**Crop Production**	Seed production	Seed production	1	25	2	2		3		2	16	
		ONC/OFC	**Crop Production**	Nursery management	Nursery worker	1	25	2	-	4	6	3	7	11	07
			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	11	-	9	-	8	-	27	-
		ONC	**Horticulture (Vegetable Crops)**	Nursery raising	Nursery raising	1	1	10	-	2		5	-	16	-
			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)											

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
		ONC	**Horticulture (Fruits)**	Training and Pruning	Training and Pruning OF Guava orchard	1	1	10	-	9	-	9	-	27	-
		OFC	**Horticulture (Fruits)**	Layout and Management of Orchards	Layout and Management of Orchards	1	1	10	-	2		5	-	16	-
		ONC	**Horticulture (Fruits)**	Cultivation of Fruit	Mandarin cultivation	1	1	2	-	4	6	3	7	11	07
			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	10	-	2		5	-	16	-
		ONC	**Soil Health and Fertility Management**	Integrated water management	Integrated water	2	1	2	-	4	6	3	7	11	07

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
					management										
		ONC	**Soil Health and Fertility Management**	Integrated Nutrient Management	Integrated Nutrient Management	2	1	2	-	4	-	3	-	21	-
		ONC	**Soil Health and Fertility Management**	Production and use of organic inputs	Production and use of organic inputs	2	1	1	2		4		2	16	
		ONC	**Soil Health and Fertility Management**	Management of Problematic soils	Management of Problematic soils	2	1	2	-	4	6	3	7	11	07
		ONC	**Soil Health and Fertility Management**	Micro nutrient deficiency in crops	Micro nutrient deficiency in crops	2	1	3	-	4	6	4	7	11	07
		ONC	**Soil Health and Fertility Management**	Nutrient Use Efficiency	Nutrient Use Efficiency	2	1	1	-	4	-	4	-	21	-
		ONC	**Soil Health and Fertility Management**	Balance Use of fertilizer	Balance Use of fertilizer	2	1	2	-	4	-	3	-	21	-
		ONC	**Soil Health and Fertility Management**	Soil & water testing	Soil & water testing	2	1	1	2		4		2	16	
		ONC	**Soil Health and Fertility Management**	Organic Farming	Organic Farming	2	1	2	-	4	6	3	7	11	07
			Soil Health and Fertility Management	Others (Pl. Specify)											
		ONC/OFC	**Livestock Production and Management**	Dairy Management	Dairy Management	2	2	2	-	4	-	3	-	21	-
			Livestock Production and Management	Poultry Management											
			Livestock Production and Management	Piggery Management											
			Livestock Production and Management	Rabbit Management											
		ONC/OFC	**Livestock Production and Management**	Animal Nutrition Management	Animal Nutrition Management	2	2	2	-	4	6	3	7	11	07
			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	Others (Pl. Specify)											

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
			Management												
		ONC/OFC	**Home Science/Women empowerment**	Design and development of low/minimum cost diet	Mahilao evam yuvtiyo ke liye poshan sambandhi jaankari	01	01	-	15	-	26	-	12	-	47
		ONC/OFC	**Home Science/Women empowerment**	Designing and development for high nutrient efficiency diet	Poshan yukt aahar ka mahtv	02	02	-	19	-	28	-	15	-	63
		ONC/OFC	**Home Science/Women empowerment**	Minimization of nutrient loss in processing		01	01	-	15	-	25	-	13	-	49
			Home Science/Women empowerment	Processing & cooking	Krishi utpado ke prasanskaran dwara aay arjan	03	03	-	14	-	26	-	14	-	48
		ONC/OFC	**Home Science/Women empowerment**	Gender mainstreaming through SHGs		1	3	-	15	-	25	-	13	-	49
		ONC/OFC	**Home Science/Women empowerment**	Storage loss minimization techniques		1	2	-	15	-	25	-	13	-	39
		ONC/OFC	**Home Science/Women empowerment**	Value addition		1	4	-	10	-	20	-	17	-	42
			Home Science/Women empowerment	Women empowerment		1	1	-	15	-	25	-	13	-	49
		ONC/OFC	**Home Science/Women empowerment**	Location specific drudgery reduction technologies	Shram shrmata vridhi hetu kharpatvaar unmulan mei unnat krishi yantro ka upyog	2	4	-	4	-	6	-	4	-	12
		ONC	**Home Science/Women empowerment**	Rural Crafts		1	1	-	8	-	12	-	8	-	24
		ONC/OFC	**Home Science/Women empowerment**	Women and child care		2	2	-	15	-	25	-	13	-	49
			Home Science/Women empowerment	Others (Pl. Specify)											

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
		ONC/OFC	**Home Science/Women empowerment**	Design and development of low/minimum cost diet	Mahilao evam yuvtiyo ke liye poshan sambandhi jaankari	01	01	-	10	-	20	-	17	-	42
		ONC	**Agril. Engineering**	Farm machinery & its maintenance		1	1	-	15	-	25	-	13	-	49
		ONC	**Agril. Engineering**	Installation and maintenance of micro irrigation systems		1	1	-	15	-	25	-	13	-	39
			Agril. Engineering	Use of Plastics in farming practices											
		ONC	**Agril. Engineering**	Production of small tools and implements		1	1	-	10	-	20	-	17	-	42
			Agril. Engineering	Repair and maintenance of farm machinery and implements											
			Agril. Engineering	Small scale processing and value addition											
			Agril. Engineering	Post Harvest Technology											
			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											

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	Bio0pesticides production											
			Production of Input at site	Bio0fertilizer production											
		ONC/OFC	**Production of Input at site**	Vermi0compost production	Vermi0compost production	2	2	-	15	-	25	-	13	-	49
		ONC/OFC	**Production of Input at site**	Organic manures production	Organic manures production	2	2	-	15	-	25	-	13	-	39
			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											
			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) (do not leave column blank)	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	4	4	1	2	1	6	3
	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	5	2	1	6	1	3
	RY	(ONC/OFC)	Planting material production	quality planting materials of horticulture crops	1	3	7	4	4	1	2	1	6	3
	RY	(ONC/OFC)	Vermi culture	Vermi culture	1	3	8	4	5	4	5	1	11	5
	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	4	9	3	5	2	1	6	1	3
	RY	(ONC/OFC)	Small scale processing	Small scale processing	2	4	7	4	4	1	2	1	6	3
	RY	ONC/OFC	Post Harvest Technology	post harvest management of mandarin/oriandal	2	2	6	5	4	2	1	5	2	4

Name of KVK	Category (RY)	Training Type (ONC/OFC) (do not leave column blank)	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		Tailoring and Stitching											
	RY		Rural Crafts											
	RY		Production of quality animal products											
	RY		Dairying											
	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	8	-	4	-	4	-	6	-
	IS	ONC	Integrated Pest Management	Integrated Pest of spices crops	1	1	8	-	3	-	5	-	8	-
	IS	ONC	Integrated Nutrient management	Integrated Nutrient managemen	1	1	8	-	4	-	2	-	8	-

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
				t										
	IS		Rejuvenation of old orchards											
	IS	ONC	Protected cultivation technology	Protected cultivation OF Vegetable crops	1	1	9	-	5	-	3	-	4	-
	IS	ONC/OFC	Production and use of organic inputs	Production and use of organic inputs	1	2	8	-	4	-	2	-	8	-
	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	-	5	-	5	-	2	-	8
	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	-	7	-	5	-	6	-	9
	IS		Management in farm animals											
	IS		Livestock feed and fodder production											
	IS	ONC/OFC	Household food security	Household food security	1	2	-	9	-	5	-	4	-	7
	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
RAJGARHmp	**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													
	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	-	5	-	5	-	2	-	8
	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	-	9	-	5	-	4	-	7
	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	Agril. para0workers, para0vet training													
	Income generation activities	**Others(Pl. Specify)**													
	Agricultural Extension	Capacity building and group dynamics													

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
	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	No. of courses	Duration (days)	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
								Gen		Others		SC		ST			
								M	F	M	F	M	F	M	F		
Rajgarh			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													

Name of KVK	Client (F &FW/FW/ RY/ IS)	Title	Thematic area	Sub-theme	Training Title	No. of courses	Duration (days)	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
								Gen		Others		SC		ST			
								M	F	M	F	M	F	M	F		
			Livestock and fisheries	Fisheries Management													
			Livestock and fisheries	Others(Pl. Specify)													
			Home Science	Household nutritional security													
			Home Science	Economic empowerment of women													
			Home Science	Drudgery reduction of women													
			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 else where
		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)	Dura-tion (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rajgarh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5.8 Subject area wise details of women farmer specific training programmes organized by KVKs during Jan-Dec-2021

Area of Training	Jan-Dec-2021	
	Courses	Participants

Area of Training	Jan-Dec-2021	
	Courses	Participants
Household food security by kitchen gardening and nutrition gardening	4	103
Design and development of low/minimum cost diet	2	48
Designing and development for high nutrient efficiency diet	1	26
Minimization of nutrient loss in processing	1	25
Processing and cooking		
Gender mainstreaming through SHGs		
Storage loss minimization techniques	2	54
Value addition		
Women empowerment	1	26
Location specific drudgery reduction technologies	4	108
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-2021

Area of Training	Jan-Dec-2021	
	Courses	Participants
Crop Production	6	160
Horticulture	16	410
Soil Health and Fertility Management	16	412
Livestock Production and Management	2	48
Agril. Engineering		
Plant Protection	2	52
Fisheries		
Production of Input at site	2	50
Capacity Building and Group Dynamics	2	54
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	5200	
									2. 52		
									3. 34.78 production%		
Rajgarh	Production technology of Pigeon pea	13	36	73	698	1012	19140	26590	1. 27 ha	1300	
									2. 29		
									3. 30.56 %		
Rajgarh	Production technology of Gram	48	62	93	1120	1412	21130	29018	1. 217 ha	6400	
									2. 270 Farmers		
									3. 26.09%		
Rajgarh	Production technology of Mustard	12	61	84	1339	1619	38292	46932	1. 37 ha	1800	
									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		Purpose	Topics	Crop Stages
				M	F	M	F	M	F	M	F			
RAJGARH	Agri mobile clinic	12	2	32	7	11	4	42	12	5	7			
	Animal Health Camp	2	5	30	18	40	5	42	2	20				
	Awareness programme	24	2	29	12	32	4	28	-	19	-			
	Celebration of important days	10	10	310	82	130	30	205	45	8	2			
	Diagnostic visits	30	50	995	138	376	120	226	89	11	2			
	Exhibition	5	5	30	18	40	5	42	2	20	-			
	Exposure visits	5	5	30	18	40	5	42	2	20				
	Ex-trainees Sammelan	4	6	-	-	-	-	-	-	-	-			
	Farm advisory Services	24	6	-	-	-	-	-	-	-	-			
	Farmers visit to KVK	60	27	560	82	246	112	206	45	22	7			
	Field Day	24	2	29	12	32	4	28	-	19	-			
	Group meetings	4	6	-	-	-	-	-	-	-	-			
	Kisan Ghosthi/Sammelan	8	48	995	138	376	120	226	89	11	2			
	Kisan Mela	2												
	Krishi Mahotsav	-												
	Lectures delivered as resource persons	100	2	410	17	126	22	87	18	22	7			
	Mahila Mandals conveners meetings	2	2	26	8	27	6	32	4	4	3			
	Method Demonstrations	36												
	Pradhanmantri phasal beema yojana	2	127	962	263	367	132	362	120	95	73			
	Scientific visit to farmers field	24	2	29	12	32	4	28	-	19	-			
	Self Help Group conveners meetings	2	100	302	92	182	48	341	96	32	4			
	Soil health Camp	2	2	42	7	9	3	28	9	2	-			
	Soil test campaigns	2	48	995	138	376	120	226	89	11	2			
	Technology Week	2	2	26	8	27	6	32	4	4	3			
	Extension literature	10	2	182	47	68	17	36	8	41	18			
	Film Show	12	2	32	9	5	2	48	6	8	2			
	Others	24	2	48	18	23	8	16	-	4	11			

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	4	Akashwani Bhopal	MP	Regional
TV talks	4	DD Bhopal	MP	Regional
Newspaper coverage	12	State News	Rajgarh	Regional
Internet (Youtube)	2	-	-	
Social media (Whats App, Facebook, Instagram, Twitter etc.)	4	Whatsaap	Rajgarh	Regional

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

7.1 KVK Newsletters (Jan to Dec. 2021)

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 2021	Q1	500		
Rajgarh	April to June 2021	Q2	500		
	July to September 2021	Q3	500		
	October to December 2021	Q4	500		

7.2 Literature developed/published

KVK Name	Type	Number of copies (please don't give mass please fill number only)
Rajgarh	Abstract	4
Rajgarh	Book	2
Rajgarh	Book Chapter	-
Rajgarh	Booklet	-
Rajgarh	Leaflets/ Folder/ Pamphlet	6
Rajgarh	Popular article	4
Rajgarh	Technical Bulletin	-

KVK Name	Type	Number of copies (please don't give mass please fill number only)
Rajgarh	Training Manual	6
Rajgarh	Technical Report	4
Rajgarh	Year Planner	1
Rajgarh	Others (pl. specify)	4

Research paper /Review paper published during 2021-22

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	Effect of soybean varieties sowing time on seed yield and yield attributes in Malwa Plateau region.	Singh Kayam, **Singh Lal**,Verma S.B. and Kumrawat Bhagwan (2021)	*The Journal of Rural and Agricultural Research* 21**(2)**: 81-87	National	
Rajgarh	Assessment the impact of ICT (What's App) Tools in agricultural Extension.	Kashyap,Suraj,Singh Kayam,**Singh Lal** and Kumrawat Bhagwan (2021)	*Frontiers in crop Improvement Special* Issue-VI**(9):** 2814-2816	National	
	Status and awareness of farm women about drudgery reducing technologies in Rajgarh district,Madhya Pradesh.	Chakraborty Shalini, Singh Kayam, **Singh Lal**, and Kumrawat B. (2021)	*International Journal of Farm Science* **12(1): 130-135**	National	

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	Name of Variety (pl. give the name instead of local)	Quantity (qt.)	Value (Lac.)	Provided to no. of Farmers/society	Expected area coverage (ha.)
Rajgarh	Breeder seed	Wheat	HI 3288	85	**2.50**	**50**	
Rajgarh	Breeder seed	Wheat	HI 1544	42	**2.75**	**15**	
Rajgarh	Breeder seed	Soybean	RVS2001-4	13.2	**1.00**	**25**	
Rajgarh	RV	Turmeric	ROMA	10	**0.80**	**20**	
Rajgarh	RV	Ginger	Suprabha	4.5	**0.50**	**20**	
Rajgarh	RV	Coriander	RCr-436	8	**1.00**	**50**	

8.2 Planting Material production

KVK Name	Major group/class	Name of Crop	Name of Variety (pl. give the name instead of local)	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Rajgarh		Guava	L49, Allahabad safeda, dharidaar, chittidar	1000			
Rajgarh		Lime	kagzi Lime	500			
Rajgarh		custard Apple	NMK-1	4000			
Rajgarh		Ornamental	Chandni, Madhukamni, Gudhel, Tikoma, Jasmin, Ashok	1000			

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					
Rajgarh		Vermicompost	5000	5000			
Rajgarh		Azolla					
Rajgarh		Earthworms	100				
Rajgarh		Compost	2000	2000			
Rajgarh		Blue green algae					
Rajgarh		NADEP					
Rajgarh		Sanjeewani Khad					
Rajgarh		Acetobactor					
Rajgarh		Aspergillius					
		Azatobactor					
		Azospirillum					
		Phosphate solublizing Bacteria					
		Rhizobium					
		Other (pl. sp.) Azolla	100				
	Bio-Food	Spirulina					
		Honey					
		Any Other (pl. sp.)					
	Bio Pesticides	Neem extract					
		Neem powder					
		Tobacco extract					
		Trichoderma viride					
		Trichoderma harjinum					
		Trichogramma chilonis					
		Beauveria bassiana					

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
		Metarhizium anisopliae					
		Pseudomonas fluorescens					
		SlNPV					
		HaNPV					
		GF1					
		Baco Lures					
		Heli Lures					
		Leucin Lures					
		Paeciliomyces					
		Panchagavya					
		Verticillium					
	Bio Agents (Tricho card)	Trichogramma chilonis					
		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					
		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	3	-	-	-	-	-
Rajgarh		Calves						
Rajgarh		Goats						
		Buffaloes						
		Sheep						
		Breeding bull						
		Other **(pl specify)**						
	Poultry	Poultry						
		Japanese quail						
		Japanese quail eggs						
		Ducks						
		Turkey						
		Other						
	Piggery	Piglets						
		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 2021-22

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				
		Sanctioned	Procured	Collected by KVKs	Provided by Dept./ DDA	Mini Soil Testing kit	Soil testing laboratory		Mini Soil Testing kit	Soil testing laboratory				Through Mini Soil Testing kit	Through Soil testing laboratory
Rajgarh	1	1	1	1000	-	1000	-	-	1000	-	-	15	-	1000	-

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	50	50	10	-	50

9.3 Details of Plant samples analyzed so far :

KVK Name	No. of Plant Samples analyzed	No. of Farmers	No. of Villages	Amount realized
Rajgarh	-	-	-	-

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/RY/EF)	No. of Courses	No. of Participants								
					SC		ST		Other		General		Total
					Male	Female	Male	Female	Male	Female	Male	Female	
Rajgarh		Water conservation	PF	4	12	6	5	2	28	12	28	7	100
Rajgarh		Recharging technology	PF	4	11	7	6	2	29	12	27	6	100

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	200	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	RY	4	-	-	-	-	-	-	-	-	-

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	12	2021-22	300	-	-	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	2005	2010	6	1	Lack of staff

14. Details of SAC Meeting during 2021-22

KVK Name	Date of SAC meeting 2021	No. of SAC members (only) attended	Major action points*
Rajgarh	Jun-21	24	
Rajgarh	Oct-21	24	

***Attached separate file.**

15. Footfall of farmers in KVKs (Jan. 2021 to Dec. 2021)

Name of KVK	Footfall during 2021-22			
	No. of Farmers	No. of officials	No. of VIPs	Total
Rajgarh	1000	100	10	1110

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	50	4		1600	908
			Integrated Farming	50	4		1600	908
			Field Preparation	50	4		1600	908
			Any Other (Specify)	50	4		1600	908
	2	Weather	Advisory	50	4		1600	908
			Change in variety	50	4		1600	908
			Change in Sowing technique	50	4		1600	908
			Climate forecast	50	4		1600	908
			Any Other (Specify)	50	4		1600	908
	3	Soil Management	Soil Testing	50	4		1600	908
			INM	50	4		1600	908
			Fertilizer Application	50	4		1600	908
			Vermicomposting/ bio-waste recycling	50	4		1600	908
			Bio-fertilizer	50	4		1600	908
			Any Other (Specify)	50	4		1600	908
	4	Disease & Pest Management	Disease Management	50	4		1600	908
			Pest Management	50	4		1600	908
			Preventive Advisory Disease Management	50	4		1600	908
			Preventive Advisory Pest Management	50	4		1600	908
			Bio-pesticides	50	4		1600	908
			Any Other (Specify)	50	4		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
	5	Nutrition Security & Women Empowerment	Nutrition Awareness	50	4		1600	908
			Kitchen garden	50	4		1600	908
			Value Addition and Processing	50	4		1600	908
			Drudgery Reduction	50	4		1600	908
			Entrepreneurship & Income Generation	50	4		1600	908
			Advisory	50	4		1600	908
			Any Other (Specify)	50	4		1600	908
	6	Horticulture	Vegetable	50	4		1600	908
			Fruit	50	4		1600	908
			Hi Tech Horticulture	50	4		1600	908
			Any Other (Specify)	50	4		1600	908
	7	Livestock	Feed and Fodder	50	4		1600	908
			Dairy Management	50	4		1600	908
			Fisheries	50	4		1600	908
			Poultry Management	50	4		1600	908
			Vaccination & Disease management	50	4		1600	908
			Any Other(Specify)	50	4		1600	908
	8	Farm Mechanization		50	4		1600	908
	9	Extension		50	4		1600	908
	10	Organic Farming		50	4		1600	908
	11	Marketing		50	4		1600	908
	12	Awareness		50	4		1600	908
	13	Other Enterprise		50	4		1600	908
	14	Any Other(Specify)		50	4		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		Skil devlopment Traning	-	functional
Rajgaeh	DAMU	Central	NIL	Distt. Agrometrologicale Data	-	functional

18. Status of Contingency Utilization 2021-22

Name of KVK	Total Contingency allotted (Rs.)	Fund used by KVKs (Rs)			Balance (Rs.)
		Activities	No of Activities	Exp (Rs)	
Rajgarh		OFT	**12**	**70000**	
		FLD **(other than CFLD)**	**12**	**130000**	
		Training	80	230000	
		Extension Activities	18	100000	
		SAC Meeting	2	20000	
		Special Programme **(Pl. Specify)**	4	80000	
		Others **(Pl. Specify)** Office Run/POL	12	570000	

19. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance on 01.04.2021 (Rs.)	Closing balance 31.03.2022 (Rs.)	Name of major source of revolving fund
Rajgarh	32895980627	912585	1076391	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	NIL	-	-	-	-

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, egetables, medicinal, Spices, fruits etc.)	Name of crop	Name (s) of variety	Name of best variety of concerned crop	Name of best variety of concerned crop
Rajgarh	10000	Cereals, Pulses, Oilseeds, Vegetables, Medicinal, Spices, Fruits, etc.	5	Tomato	Kashi Aman, Kashi Vishes
			5	Brinjal	PH-4
			10	Soybean	RVS2001-4, RVS18, RVS-24, RVS-76, JS2034, JS-2029, JS2069, JS2098, JS2016,
			5	Mungbean	PDM-139, JM-721, TMB-37, Pusa agrani,
			5	Urdbean	JU-03, JU-86, T-9, IPU- 95, JU98-14
			5	Maize	JM-216, IDVM-421, HKI-163, HQPM-1,
			10	Arhar	Pusa Arhar16, PUSA992, RVSA28-1, RVSA16-4, UPAS120, ICPL88039, TJT501, ICPL151, ESHWRYA, PT0012,
			5	Inter croppind 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), Sorgum + Mungbean (4:1), Maize + Urdbean (4:1)
			15	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,
			15	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
			10	Mustard	Pusa Agrani, Pusa bold, Rohani, JM-2, VSL-5, Tara mira
			4	Safflower	JSF-97
			2	Linseed	Kiran
			5	Lentil	JL-3, RVL11-6
			10	Methi	RVSF-1, RMT-1
			2	Kasuri Methi	RVSKM-1
			10	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	Satish Singh Bais	Organic Cultivation	Village Bikidapurbiya Block Sarangpur	9826292470
2	Rajgarh	Dilip Singh Jadam	Organic Cultivation	Village Rosla Jagir	9754772769
3	Rajgarh	Pavitra Agrawal	Crop diversification & Vermicompost producation	Village Chatu kheda Block Rajgarh	6387834412
4	Rajgarh	Mohan Nagar	Hi-tech fruit cultivation	Village Pipliya Dev	9179293335
5	Rajgarh	Shyam Rajput	Organic Cultivation	Village Mau, Block Sarangpur	9926222089
6	Rajgarh	Kamal Singh Rajput	Seed production & medicinal cultivtion	Village Boda Block Narsingarh	9826949445
7	Rajgarh	Chhagan Lal Kushwaha	Organic vegetable produaction	Village Manpura Dev Block Narsingarh	7566471960
8	Rajgarh	Ekansh Saxena	Seed production & Spices cultivation	Village Kuarkotri	8827832586
9	Rajgarh	Aman Saxena	Mandarin cultivation	Village Biaora Block Biaora	6261305963
10	Rajgarh	Manish Nagar	Mandarin cultivation	Village Lasudiya Dhakad	8319913932

***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
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	675	993

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**	-	-	-	-	-	-

***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	DES Dr. Upadhyay	Oct 21	-	RVSKVV	-	-
Rajgarh	Dean Dr.H.D. Verma	September 21	-	RVSKVV	-	-

28. Status of KVK Website during Jan to Dec. 2021

S.No	Name of KVK	Date of start of website	Address of Website	No. of updates during 2022		Flag Collected	Year Planner
Rajgarh	Rajgarh	Nov-13	46	256	Rajgarh		

29. Mobile Apps to be developed by KVK

S.No	Name of KVK (Developer)	Name of Host organization	Title of Mobile App	Content (in one line)	Languages (in which app developed)	Number of downloads	Total expenditure incurred in developing app (Rs.)
1	Nil	-	-	-	-	-	-

30. ICT based module

a. Information on Whats app in social media by KVK

KVK	Discipline wise group with name of discipline	No of Farmer members	Activity details on whats app group
Rajgarh	Agrometrology	4600	Weather report, Agro Advisory, Farmers Feed back

b. Information on social media by KVK

KVK	Facebook			Twitter		Instragram	
	Scientists linked	Farmers connected	No of Post	No of tweets	People following	No of share	People following
Rajgarh	-	-	-	-	-	-	-

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	-	-	-	-

32. Participation in HRD Programmes organized by ATARI

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Rajgarh	Dr. Kayam Singh	Senior Scientist & Head	**2**	
Rajgarh	Dr. Shalini Chakraborty	Senior Scientist	**4**	
Rajgarh	Dr. A.K. Mishra	Scientist	**2**	
Rajgarh	Dr. Lal Singh	Scientist	**4**	
Rajgarh	Dr. B. Kumrawat	Scientist	**4**	
	Total	**5**	**16**	

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. Shalini Chakraborty	Senior Scientist	1	7	Short course
Rajgarh	Dr. Lal Singh	Scientist	1	10	Winter School

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

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	-	-	-	-

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 organized	25		
RAJGARH MP	Exhibition			
RAJGARH MP	Film show	25	250	
RAJGARH MP	Fair			
RAJGARH MP	Farm/ Field Visit	5	Mass	
RAJGARH MP	Diagnostic Practices			
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	Distribution of Bio Fertilizers (q)	2	150	
RAJGARH MP	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week	7	1003	
	Animal health camp	2	400	
	Awareness programme	5	200	
	Demonstration	250	250	
	Exposure visit	50	800	
	Ex-trainees Meet	2	60	
	Farmer scientist interaction	25	625	
	Farmers Training	80	4500	

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
	Gajarghans Unmulan Pakhwada	1	Mass	
	Group Meeting	2	92	
	Jai Kisan Jai Vigyan Sangoshthi	2	72	
	Plant Protection Week	1	Mass	
	Seed treatment campaign	6	Mass	
	Self Help Group convener meet	5	150	
	Soil health Camp	5	250	
	Swachha Bharat Abhiyan	12	360	
	Others (Pl. Specify)			

37. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Farmers-scientists interaction on livestock management

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

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				
Rajgarh	Vegetables	seedlings	10000	2
Saplings				
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	

Bio-Fertilizer

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

Worms Produced

Name of KVK	Worms Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
	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	Demonstration 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. Information for TSP Jan-Dec-2021

Sl. No.	KVK	Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
		No. of Trainings/Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On-farm trials	Frontline demos	Mobile agro-advisory to farmers						
	Rajgarh	NIL																

39. Information for SCSP Jan-Dec-2021

Sl. No.	KVK	Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
		No. of Trainings/Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On-farm trials	Frontline demos	Mobile agro-advisory to farmers						
	Rajgarh	NIL																

40. Information for KSHAMTA Jan-Dec-2021

Sl. No.	State	Name of KVK	Number of Adopted Villages	No. of Activities		No. of farmers benefited	
				Demo	Training	Demo	Training
1	MP	Rajgarh	NIL	NIL	NIL	NIL	

41. Activities proposed in Sansad Adarsh Gram

Information about Sansad Adarsh Gram

Name of KVK	Block	Village
Rajgarh	**1**	**1**

1. Technologies Demonstrated

Name of Technology	Name of Crop/Enterprise	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
INM, IPM, IV	6	12	-		

2. Extension Activities

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Sangoshthi, GD, Fild day	200	100	25	325

3. Training Programme

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Farmer & Farm Woman	100	50	10	160

40. Activities proposed in DFI Village

Information about DFI Village

Name of KVK	Block	Name of DFI Village	Total geographical area (ha)	House hold	Population
Rajgarh	**Zirapur**	**Naiheda**			

1. Technologies Assessed (OFT) in DFI Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area (ha)	No. of beneficiaries
Rajgarh	Increase in productivity of crops	INM, HOF, HOV	10	5	25
	Increase in production of livestock	Training, camp	2	-	50
	Improvement in efficiency of input use (cost saving)	Training	4	-	100
	Increase in crop intensity	IV	2	4	20
	Diversification towards high value crops	HOV, HOF	2	4	10
	Improved price realization by farmers and market linkage				

2. Technologies Demonstrated (FLD) in DFI Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area (ha)	No. of beneficiaries
Rajgarh	Increase in productivity of crops	INM, HOF, HOV	10	5	25
	Increase in production of livestock	Training, camp	2	-	50
	Improvement in efficiency of input use (cost saving)	Training	4	-	100
	Increase in crop intensity	IV	2	4	20
	Diversification towards high value crops	HOV, HOF	2	4	10
	Improved price realization by farmers and market linkage				

3. Training Programme conducted in DFI Village

Name of KVK	Training Title	No. of Courses	Duration (Days)	Gen		SC		ST		Other		Total
				M	F	M	F	M	F	M	F	
Rajgarh	**INM, HOV, HOF, WOE**	**18**	**18**	**50**	**20**	**40**	**15**	**20**	**5**	**120**	**30**	**300**

4. Extension Activities in DFI Village

Name of KVK	Activity	No. of activities	Gen		SC		ST		Other		Total
			M	F	M	F	M	F	M	F	
Rajgarh	Sangoshthi, GD, Fild day	18	**52**	**21**	**42**	**18**	**22**	**6**	**131**	**33**	**325**

43. Activities in Nutri-Smart Village during Jan-Dec-2021

Information about Nutri-Smart Village

Name of KVK	Block	Name of Nutri Smart Village
Rajgarh	**6**	**Chatukheda, Banskheda, Chosla, Nari**

1. Technologies Assessed (OFT) in Nutri Smart Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area	No. of beneficiaries
Rajgarh	Nutritional Garden (activity in no. of Unit) **(m^2)**		20		100
	Bio-fortified Crops (activity in no. of Unit) **(ha)**		20		100
	Value addition (activity in no. of Unit/Enterprise)		20		100
	Other Enterprises (activity in no. of Unit/Enterprise)		20		100
	Income generation (activity in no. of Unit/Enterprise)		20		100
	Drudgery reduction (activity in no. of Unit/ Enterprise)		20		100

2. Technologies Demonstrated (FLD) in Nutri Smart Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area	No. of beneficiaries
Rajgarh	Nutritional Garden (activity in no. of Unit) **(m^2)**		20		100
	Bio-fortified Crops (activity in no. of Unit) **(ha)**		20		100
	Value addition (activity in no. of Unit/Enterprise)		20		100
	Other Enterprises (activity in no. of Unit/Enterprise)		20		100
	Income generation (activity in no. of Unit/Enterprise)		20		100
	Drudgery reduction (activity in no. of Unit/Enterprise)		20		100

3. **Training Programme conducted in Nutri Smart Village**

Name of KVK	Training Title	No. of Courses	Duration (Days)	Gen		SC		ST		Other		Total
				M	F	M	F	M	F	M	F	
Rajgarh	Value addition, Bio-fortified Crops , Income generation, Drudgery reduction	**12**	**12**	**59**	**24**	**45**	**20**	**25**	**8**	**142**	**37**	**360**

4**. Extension Activities in Nutri Smart Village**

Name of KVK	Activity	No. of activities	SC		ST		Other		Officials		Total
			M	F	M	F	M	F	M	F	
Rajgarh	Sangosthi, Field day, visit, GD	**12**	**59**	**24**	**45**	**20**	**25**	**8**	**142**	**37**	**360**

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

Name of the KVK	Rajgarh
TITLE	CFLD Oil Seed, CFLD Pulses
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
1	Rajgarh	2	1

45. 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)