

ANNUAL ACTION PLAN

January 2021 to December 2021

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Instructions for Filling the Format

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

PERIOD – January 2021 to December 2021
Summary of the activities

i. OFT and FLD

S.No.	KVK Name	Activity	Target		Achievement	
			No. of technologies to be assessed	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries
1	Shahdol	OFT				
a.	Shahdol	OFT- Crops (All like Horticulture, Soil Science, Plant Protection, Agronomy, Agroforestry, Plant Breeding etc)	6	30		
b.	Shahdol	OFT- Agriculture Engineering	4	20		
c.	Shahdol	OFT- Animal Science	2	15		
d.	Shahdol	OFT- Fisheries	-	-		
e.	Shahdol	OFT- Extension	-	-		
f.	Shahdol	OFT- Home Science	4	40		
		Activity	Area (ha)	No. of farmers/ beneficiaries	Area (ha)	No. of farmers/ beneficiaries
2		FLD				
a.	Shahdol	CFLD-Oilseed (in ha)	45	113		
b.	Shahdol	CFLD-Pulses (in ha)	20	50		
c.	Shahdol	FLD- Crop All(other than CFLD) (in ha)	4	10		
d.	Shahdol	FLD- Agriculture Engineering (in ha)	8	20		
e.	Shahdol	FLD - Animal Science (in ha for fodder/ no. of Unit/Enterprise)	-	-		
f.	Shahdol	FLD - Fisheries (in ha/ no. of Unit/ Enterprise)	-	-		
g.	Shahdol	FLD - Extension (no. of Enterprise)	-	-		
h.	Shahdol	FLD - Home Science (in ha/ no. of Unit/Enterprise)	4	42		

ii. Summary of other activities

S.No.	KVK Name	Activity	Target		Achievement	
			Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries
3.		Training				
a.	Shahdol	Training-Farmers and farm women	72	1440		
b.	Shahdol	Training-Rural youths	6	120		
c.	Shahdol	Training- Extension functionaries	6	120		
d.	Shahdol	Training- Vocational	2	40		
e.	Shahdol	Training- Sponsored	-	-		
f.	Shahdol	Extension Activities	405	-		
		Activity	Quantity quintal/number	No. of farmers/ beneficiaries	Quantity quintal/number	No. of farmers/ beneficiaries
4.		Seed Production and Planting Material				
a.	Shahdol	Seed Production (quintal)	-	-		
b.	Shahdol	Planting material (No.)	20000	500		
c.	Shahdol	Seedling Production (No.)	-	-		
d.	Shahdol	Sapling Production (No.)	-	-		
e.	Shahdol	Other Bio- products (Kg)	-	-		
f.	Shahdol	Livestock strains/fish fingerling (No.)	-	-		
5.		Soil and Water sample	Number	No. of farmers/ beneficiaries	Number	No. of farmers/ beneficiaries
a.	Shahdol	Soil and Water sample testing by using Mini Soil Testing Kit (Nos.)	-	-		
b.	Shahdol	Soil and Water sample testing by using traditional Laboratory (Nos.)	-	-		
c.	Shahdol	No. of Soil health card issued by using Mini Soil Testing Kit (Nos.)	-	-		
d.	Shahdol	No. of Soil health card issued by using traditional Laboratory (Nos.)	-	-		
e.	Shahdol	Rainwater Harvesting System (Nos.)	4	80		
6.		SAC Meeting				
a.	Shahdol	SAC Meeting (Nos.)	2	60		
b.	Shahdol	Proposed Date & No. of core/ official members				
		Other Activities				
7.	Shahdol	Literature to be Developed/Published (Nos.)	8			

S.No.	KVK Name	Activity	Target		Achievement	
			Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries
8 (a)	Shahdol	Convergence programmes (Nos.)	2			
8 (b)	Shahdol	Sponsored programmes (Nos.)	2			
9(a)	Shahdol	Details of KVK Crop cafeteria in Agro-technological Park (Area in square meter)				
9(b)	Shahdol	Details of KVK Crop cafeteria in Agro-technological Park (No. of Variety displayed)				
10	Shahdol	Case study / Success Story to be developed (Nos.)				
11	Shahdol	KVK Progressive Farmers interaction (Nos.)	2	80		
12	Shahdol	Outreach of KVK in the District (No. of blocks, no. of villages)	5/814	5/814		
13	Shahdol	Technology Demonstration under Tribal Sub Plan				
14	Shahdol	KVK Ring				
15	Shahdol	Important visitors to KVK				
16	Shahdol	Details of Technology Week Celebrations				
17	Shahdol	Interventions on Drought Mitigation				
18	Shahdol	Sansad Adarsh Gram	18	120		
19	Shahdol	DFI Village	41	135		
20		Nutri Smart Village				
a.	Shahdol	OFTs	4	40		
b.	Shahdol	FLDs	4	45		
c.	Shahdol	Trainings	11	220		
d.	Shahdol	Extension activities	17	360		
		Other				
21		Other Activities	-	-		

ICT Initiative (based on previous year)

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	
Shahdol	Status of KVK Website (no of monthly updates)	12				
Shahdol	Kisan Mobile Advisory (KVK-KMA)	96				
Shahdol	Whatsapp	225				
Shahdol	Facebook	35				
Shahdol	KVK Portal	90				
Shahdol	Twitter	40				
Shahdol	Instagram	40				

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Shahdol	16	1	1	6	2	3	3	6	4	16	10

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Category	Mobile Number	Email-id
Shahdol	Senior Scientist & Head	Dr. Mrigendra Singh	Multidisciplinary	PhD	Vegetable & Flower Crop	37400 - 69000 + GP 9000	57110	01-02-2007	General	9425183232	mrigendra1968@gmail.com
Shahdol	Scientist2	Smt. Alpana Sharma	Home Science	PhD NET	Food Science & Technology	15600 - 39100 + GP 7000	32040	13-07-2007	General	9301111646	alpanasanu@rediffmail.com
Shahdol	Scientist3	Sh. Deepak Chouhan	Agricultural Engineering	M.Tech, NET	Soil and Water Engineering	15600 - 39100 + GP 6000	21600	10-10-2017	ST	9424023760	deepakchouhan22@gmail.com
Shahdol	Scientist4	Vacant									
Shahdol	Scientist5	Vacant									
Shahdol	Scientist6	Vacant									

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Category	Mobile Number	Email-id
Shahdol	Programme Assistant	Shri Bhagwat Prasad Pandre	Agro forestry	M.Sc. NET	Agro forestry	9300-34800 Level 10	42700	28-01-2019	ST	7697024787	29bhagwatpandre@gmail.com
Shahdol	Farm Manager	Shri D.K. Shrivastava *	Ag. Ext.	B.Sc. Ag.	Ag. Ext.	6500-10500		05-10-1959	General		kvkshahdol@rediffmail.com
Shahdol	Computer Programmer	Shri Rishiraj Negi	Computer	BCA/Doeacc A Level	Web -based Application, Office Utilities	9300-34800 Level10	59100	04-04-2008	General	9424335040	rishirajnegi@gmail.com
Shahdol	Accountant / superintendent	Smt. Asha Shrivatava	Asstt. Grade II	B.A.		9300-34800 Level8	48100	12-08-1996	General	9977170453	kvkshahdol@rediffmail.com
Shahdol	Stenographer	Vacant									
Shahdol	Driver	Shri Badri Prasad Yadav	Driver **	VII Pass		5200-20200 Level 4	27800	02-02-1999	OBC	9424931288	kvkshahdol@rediffmail.com
Shahdol	Driver	Shri Biran Prasad Pradhan	Driver	Matriculate		5200-20200 Level 4	19500	12-07-2018	ST	9981070716	kvkshahdol@rediffmail.com
Shahdol	Supporting staff	Shri Kamlesh Kol	Peon	VIII PASS		5200-20200 Level 3	19700	26-11-2012	ST	6266836323	kvkshahdol@rediffmail.com

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Category	Mobile Number	Email-id
Shahdol	Supporting staff	Vacant									

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

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Shahdol	Agro climatic Zone-III Northern hills zone of Chhattisgarh	5	393	1064989	57.59%	SC=67203, ST=391412	158913 Report of Ag. Deptt. Shahdol Oct 2013	Less than 1 ha

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Shahdol	Kunarseja	2017-18	Sohagpur	22	990	231
Shahdol	Amalya	2020	Burhar	50		
Shahdol	Pathra	2019	Sohagpur	32		
Shahdol	Lalpur	2020	Sohagpur	28		
Shahdol	Deora	2018	Jaysinghnagar	72		
Shahdol	Channaudi	2020	Burhar	58		

1.4. THRUST AREAS identified by KVK

KVK Name	THRUST AREA
SHAHDOL	Promotion of rural entrepreneurship for additional income generation and employment generation
SHAHDOL	Drudgery reduction through efficient implements
SHAHDOL	Crop improvement and diversification
SHAHDOL	Seed replacement
SHAHDOL	Integrated pest management
SHAHDOL	Integrated plant nutrient management
SHAHDOL	Water and soil conservation
SHAHDOL	Annual house hold food and nutritional security
SHAHDOL	Livestock Production & Management.
SHAHDOL	Farm mechanization
SHAHDOL	Agro forestry

1.5. PROBLEM IDENTIFIED by KVK

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Shahdol	Low yield of Rice, Soybean, Black Gram, Pigeon pea ,Wheat, Mustard and gram, Low milk production, seasonal disease outbreak, nutritional insecurity, drudgery of FW	Through PRA tools and Discussion with the group of farmer, farm women and rural youth	Kunarseja, Amalya, Pathra, Lalpur, Deora, Channaudi

2. On Farm Testing (OFT)

Note-

- ❖ Thematic area should be spelled correct and select only on the given list.
- ❖ Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.
- ❖ Don't press enter key to navigate among column use arrow or tab key
- ❖ don't add space before or after statement within the table cell
- ❖ Kindly mention realistic estimated yield of your crop under trail.
- ❖ If crop has been not yet harvested, mark it * on that

Thematic Areas for OFT/FLD

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

	No. of Siliquae or Capsule /plant
	Seedling Germination (%)
OFT/FLD on Agriculture Engineering	
Farm Mechanization	Yield (q/ha)
Resource Conservation Technology	Field Capacity (ha/hr)
Post-Harvest Management	Cleaning efficiency %
Storage loss minimization Technology	Cleaning Capacity q/hr
Small Farm Implements	weed population per m ²
	tillers/plant
	water inefficiency
	irrigation efficiency
OFT/FLD on Animal Science	
Animal Feed / Fodder Management	Milk yield (Lit/day/animal)
Animal Disease Management	Change in body weight(kg)
Animal Nutrition Management	Egg Production/bird/year
Livestock production & management	% decrease in Worm
Animal breed evaluation	Parasite control (%)
Poultry Production and management	Body weight at 6 month (kg/goat)
	Parasite infestation (%)
	Live weight (kg/bird) at 3 Month
	Growth Rate (90 days)
	Yield q/ha (Fodder)
	Mortality %
	Feed intake(%)
	Disease infestation(%)
OFT/FLD on Fisheries	
Fingerling Production in Seasonal Ponds	Yield (q/ha)
Composite Fish Farming	Yield (q/ha), ABW (kg)
Fish Nutrition	Survival Rate (%)
Fish-cum-Duck Farming	Disease incidence (%)
Fish Production & Management	
Fish Breeding	
Fish Seed Production	
Spawn to fry production	
Integrated Farming System	

2.1 Information about OFT:

Title of on-farm trial:	Assessment of growth & activity of Earthworm under different combination of bio waste – wheat Straw
Year/Season:	2020-21/Rabi
Farming situation:	Irrigated All season
Problem diagnosis:	Due to use un-decomposed organic matter creates problem of nutrient loss ,weed, insect disease incidence increase
Thematic area:	Bio waste management
No of trials:	05
No. of farmers involved	15
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Traditional Method of Bio-recycling of Agricultural waste
T2 –Recommended Practice-	Vermicomposting by Eisia Fetida @1Kg/100Kg waste materials at 50-55% moisture and temp- 30-40° C
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	JNKVV Jabalpur
Characteristics of technology:	Vermi composting by Eisia Fetida @1Kg/100Kg waste materials at 50-55% moisture and temp- 30-40° C
Name of Crop/Enterprises:	Enterprise- Vermicomposting
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	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)	Amount of waste material recycled, Production of vermicompost, Organic carbon , Nutrient content N, P, K , % Worms	q/unit/year, q/unit/year, %				
T2(Recommended Practice)	Amount of waste material recycled, Production of vermicompost, Organic carbon , Nutrient content N, P, K (%) Worms-	q/unit/year, q/unit/year, %				
T3(Recommended Practice)						

Title of on-farm trial:	Assessment of Mycopesticide (Beauveria bassiana) and botanical repellent (Neem oil) for management of Pod borer in chick pea
Year/Season:	2020-21/Rabi
Farming situation:	Semi-Irrigated
Problem diagnosis:	Heavy yield loss (up to 50%) in Chickpea due to severe infestation (50-75%) of pod borer
Thematic area:	Integrated Pest Management
No of trials:	05
No. of farmers involved	30
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Spray of Trizophos-40EC@ 1 ml/ lit. after severe infestation of pod borer
T2 –Recommended Practice-	Bird perches @ 50/ ha + Two spray of Beauveria bassiana @1000ml/ha + Neem oil @ 0.5% at 45 and 75 DAS
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	JNKVV, Jabalpur, 2015
Characteristics of technology:	Bird perches @ 50/ ha + Two spray of Beauveria bassiana @1000ml/ha + Neem oil @ 0.5% at 45 and 75 DAS
Name of Crop/Enterprises:	Chickpea
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	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, Percent insect infestation	q/ha, %				
T2(Recommended Practice)	Yield, Percent insect infestation	q/ha, %				
T3(Recommended Practice)						

Title of on-farm trial:	Assessment of Zero tillage in wheat sowing
Year/Season:	2020-21/Rabi
Farming situation:	Semi-Irrigated
Problem diagnosis:	Use of 2- 3 times Tractor drawn cultivator in field preparation thus it take more time, diesel consumption and cost involved.
Thematic area:	Resource Conservation
No of trials:	05
No. of farmers involved	15
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Conventional Tillage
T2 –Recommended Practice-	No Tillage
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	PAU Ludhiana, 2008
Characteristics of technology:	Zero seed cum fertilizer drill
Name of Crop/Enterprises:	Zero seed cum fertilizer drill
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Performance indicators/ parameters	Unit/ details	Observation		
		T1 (Conventional Tillage)	T2 (No Tillage)	T3 (Recommended Practice)
Labour Requirement	Man-hr/ha			
Field capacity	ha/hr			
Operational Cost	Rs./ha or Rs./hr			
Energy Requirement	MJ/ha			
Yield	q/ha			

Title of on-farm trial:	Assessment of manually operated single row vegetable transplanter for vegetable seedling in Hi-Tech horticulture
Year/Season:	2020-21/Rabi
Farming situation:	Irrigated
Problem diagnosis:	More labour required for transplanting of vegetable seed ling, In case of mulch its very tedious, more time requirement for transplanting
Thematic area:	Farm Mechanization
No of trials:	05
No. of farmers involved	15
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Manually transplanting
T2 –Recommended Practice-	Single row Manually vegetable transplanter
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	CIAE Bhopal, 2017
Characteristics of technology:	Single row Manually vegetable transplanter
Name of Crop/Enterprises:	Single row Manually vegetable transplanter
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Performance indicators/ parameters	Unit/ details	Observation		
		T1 (Manually Transplanting)	T2 (Single row Manually vegetable transplanter)	T3 (Recommended Practice)
Labour Requirement	Man-hr/ha			
Field capacity	ha/hr			
Field Efficiency	%			
Operational Cost	Rs./ha or Rs./hr			
Yield	q/ha			

Title of on-farm trial:	Assessment of Riding type rice transplanter
Year/Season:	2021/ Kharif
Farming situation:	Rainfed
Problem diagnosis:	More time loss for manually transplanting and zigzag transplanting so problem in intercultural operation
Thematic area:	Farm Mechanization
No of trials:	05
No. of farmers involved	20
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Manually Transplanting
T2 –Recommended Practice-	Riding type rice transplanter
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	CIAE Bhopal
Characteristics of technology:	Riding type rice transplanter
Name of Crop/Enterprises:	Riding type rice transplanter
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Performance indicators/ parameters	Unit/ details	Observation		
		T1 (Manually Transplanting)	T2 (Riding type rice transplanter)	T3 (Recommended Practice)
Labour Requirement	Man-hr/ha			
Field capacity	ha/hr			
Operational Cost	Rs./ha or Rs./hr			
Plant population	No./m ²			
Yield	q/ha			

Title of on-farm trial:	Assessment of different sowing method for soybean sowing
Year/Season:	2021/ Kharif
Farming situation:	Rainfed
Problem diagnosis:	Low yield of Soybean due to poor plant population, moisture stress and / or water stagnation during heavy down pour
Thematic area:	Farm Mechanization
No of trials:	05
No. of farmers involved	20
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Flat- bad sowing
T2 –Recommended Practice-	Ridge & furrow sowing
T3- Recommended Practice-	Ridge bed sowing
Date of sowing:	
Date of harvesting:	
Source of technology:	CIAE, Bhopal
Characteristics of technology:	T2 – Sowing of soybean by Ridge & furrow method T3 – sowing of soybean by Ridge bed method
Name of Crop/Enterprises:	Soybean/ Ridge & furrow method, Ridge bed method
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Performance indicators/ parameters	Unit/ details	Observation		
		T1 (Farmers Practice)	T2 (Ridge & furrow sowing)	T3 (Ridge bed sowing)
Field capacity	ha/hr			
Operational Cost	Rs./ha or Rs./hr			
Plant population	No./m ²			
Plant height at harvest	cm			
Root length at 60 DAS	cm			
Number of root nodules per plant at 60 DAS	No./plant			
No. of branches at harvest	No./plant			
Yield	q/ha			

Title of on-farm trial:	Assessment of production and feeding of hydroponics fodder of maize for dairy animals *
Year/Season:	2020-21/Rabi
Farming situation:	Irrigated
Problem diagnosis:	Low milk production due to unavailability of green fodder in summer due to scarcity of water
Thematic area:	Feeding management
No of trials:	05
No. of farmers involved	20
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	No use of green fodder
T2 –Recommended Practice-	Hydroponics green fodder @25 kg per animal per day
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	
Characteristics of technology:	Hydroponics green fodder @25 kg per animal per day
Name of Crop/Enterprises:	Hydroponics maize as green fodder
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	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 of fodder, milk production per day	(q), (litre/day)				
T2(Recommended Practice)	Yield of fodder, milk production per day	(q), (litre/day)				
T3(Recommended Practice)						

Title of on-farm trial:	Assessment of Azolla feeding as green fodder on milk production in dairy Cow
Year/Season:	2020-21/Rabi
Farming situation:	Irrigated
Problem diagnosis:	Low milk production from cow due to unavailability of green fodder
Thematic area:	Feeding management
No of trials:	10
No. of farmers involved	20
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Feeding of cow with wheat and Paddy straw without supplementation of green fodder
T2 –Recommended Practice-	T 1 + Azolla @ 1.5 Kg /animal/day
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	
Characteristics of technology:	Feeding of cow with wheat and Paddy straw + Azolla @ 1.5 Kg /animal/day
Name of Crop/Enterprises:	Use of Azolla as green fodder
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	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)	Milk Yield	Litre/day				
T2(Recommended Practice)	Milk Yield	Litre/day				
T3(Recommended Practice)						

Title of on-farm trial:	Assessment of Agro -Forestry Model based on soil & climate Shahdol.
Year/Season:	2020-21/ Rabi
Farming situation:	Irrigated
Problem diagnosis:	Non Availability of suitable Agro Forestry Model based on soil & climate
Thematic area:	Agro Forestry
No of trials:	05
No. of farmers involved	10
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	No Plantation of trees on bund & fallow lands
T2 –Recommended Practice-	Moringa oliefera + Rabi Crops
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	JNKVV, 2014
Characteristics of technology:	Moringa oliefera + Rabi Crops
Name of Crop/Enterprises:	Moringa oliefera + Rabi Crops
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	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)				
T2(Recommended Practice)	Yield	(q)				
T3(Recommended Practice)						

Title of on-farm trial:	Assessment of Silvi Pasture System for Year round fodder – Maize + Chari production
Year/Season:	2021/Kharif
Farming situation:	Irrigated
Problem diagnosis:	Non availability of green fodder round the year.
Thematic area:	Agro Forestry
No of trials:	05
No. of farmers involved	15
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	-
T2 –Recommended Practice-	Silvi Pasture System for Year round fodder – Maize + Chari production
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	IGFRE (2010)
Characteristics of technology:	Silvi Pasture System for Year round fodder – Maize + Chari production
Name of Crop/Enterprises:	Maize (Fodder)
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	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)	-	-				
T2(Recommended Practice)	Yield	q/ha				
T3(Recommended Practice)						

Title of on-farm trial:	Assessment of Silvi Pasture System for production of Napier grass fodder all round the year
Year/Season:	2021/Kharif
Farming situation:	Irrigated
Problem diagnosis:	Non availability of green fodder round the year.
Thematic area:	Agro Forestry
No of trials:	05
No. of farmers involved	15
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	-
T2 –Recommended Practice-	Napier grass Production for Fodder
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	IGFRE Jhansi,2012
Characteristics of technology:	Napier Grass along for Fodder
Name of Crop/Enterprises:	Napier Grass
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	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)	-	-				
T2(Recommended Practice)	Fodder production q/ha, BC Ratio	Q/ha..				
T3(Recommended Practice)						

Title of on-farm trial:	Comparative evaluation of performance of Turmeric based on Agrihorticulture System by Growing Turmeric under the shade of Fruit tree.
Year/Season:	2021/Kharif
Farming situation:	Irrigated
Problem diagnosis:	Farmers does not grow any crop under the shade of tree row at any stage of plants growth.
Thematic area:	Intercropping management and Practice.
No of trials:	05
No. of farmers involved	10
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	-
T2 –Recommended Practice-	Agri horticulture system
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	JNKVV Jabalpur 2014
Characteristics of technology:	Intercropping sown in the kharif season and mixed with Turmeric between the row within the months.
Name of Crop/Enterprises:	Turmeric
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	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)	-	-				
T2(Recommended Practice)	Yield	Q/ha.				
T3(Recommended Practice)						

2.2. Information about Extension OFT:

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

Results / findings

Performance indicators/ parameters	Unit/ details

2.3. Information about Home Science OFT:

Title of on-farm trial:	Assessment of income enhancement through Mushroom production
Year/Season:	2020-21/Rabi
Problem diagnosis:	Low income of FW
Thematic area:	Income generation
No of trials:	05
No. of farmers/farm women involved	25
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment:	
T1 – Farmers Practice-	No mushroom production
T2 –Recommended Practice-	Oyster Mushroom Production
Source of technology:	JNKVV 2004
Characteristics of technology:	
Name of Crop/Enterprises:	Enterprise – Mushroom production
Farming situation:	Irrigated
Date of sowing:	
Date of harvesting:	
Recommendations for Farmers	The performance of paddy straw as substrates ensures the possibilities of utilizing the locally available substrates for oyster mushroom cultivation
Recommendations for Deptt. Personnel	
Feedback	

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

Name of Enterprise : - Mushroom Production

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)	Yield					
T ₂ (Recommended Practices)	Yield					
T ₃ (Recommended Practices)						

Title of on-farm trial:	Assessment of nutritional enhancement of preschool children through incorporation of paushtik chapatti (fortification of Kodo flour, chickpea flour, drumstick leaf and curry leaf powder to wheat flour) in their diet
Year/Season:	2020-21/Rabi
Problem diagnosis:	Nutritional insecurity in children
Thematic area:	Nutritional Security
No of trials:	20
No. of farmers/farm women involved	30
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment:	
T1 – Farmers Practice-	Value added chapatti flour
T2 –Recommended Practice-	Value added chapatti flour
Source of technology:	
Characteristics of technology:	
Name of Crop/Enterprises:	Value added chapatti flour
Farming situation:	-
Date of sowing:	
Date of harvesting:	
Recommendations for Farmers	Value added chapatti flour could be a measure to deal with malnutrition
Recommendations for Deptt. Personnel	
Feedback	

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

Name of Enterprise /product: - Value added chapatti flour

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)	Chapatti	300							
T ₂ (Recommended Practices)	Chapatti	300							
T ₃ (Recommended Practices)									

Title of on-farm trial:	Assessment of Moringa (<i>Moringa oleifera</i>) Powder for Anemic Adolescent Girls
Year/Season:	Kharif-2021
Problem diagnosis:	Malnutrition due to high anemia in rural adolescent girls
Thematic area:	Nutritional Security
No of trials:	05
No. of farmers/farm women involved	05
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment:	
T1 – Farmers Practice-	Imbalance diet
T2 –Recommended Practice-	Moringa Powder-20 gm /day/girl for 3 months in their daily diet
Source of technology:	CFTRI
Characteristics of technology:	Iron Rich Product (Moringa Powder)
Name of Crop/Enterprises:	Moringa leaf Powder
Farming situation:	Irrigated
Date of sowing:	
Date of harvesting:	
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Economic Performance Home Science OFT: (For Nutritional security)

Name of Enterprise /product: - Moringa (*Moringa oleifera*) Powder)

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)	Iron Rich Product (Moringa Powder)	20 gm /day/girl for 3 months							
T ₃ (Recommended Practices)	-								

Title of on-farm trial:	Assessment of suitability of Black rice variety in the area and to improve the malnutrition status and immunity of the family
Year/Season:	Kharif , 2021
Problem diagnosis:	High magnitude of malnutrition and low immunity among farm families
Thematic area: (Focus area in DFI and nutri smart initiatives)	Nutritional security
No of trials:	10
No. of farmers/farm women involved	10
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment:	
T1 – Farmers Practice-	Use of variety MTU1010/IR 64
T2 –Recommended Practice-	Use of variety- CR Dhan -301
Source of technology:	JNKVV, Jabalpur
Characteristics of technology:	Rich in various nutrients like anthocyanin and protein
Name of Crop/Enterprises:	Black Rice
Farming situation:	Rainfed
Date of sowing:	
Date of harvesting:	
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

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

Name of Enterprise /product: - Black rice

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)))
T1(Farmers Practices)	Use of variety MTU1010/IR 64								
T2 (Recommended Practices)	Use of variety- CR Dhan -301								
T3(Recommended Practices)	-								

3. Achievements of Frontline Demonstrations (FLD)

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

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop Category	Name of Crop	Name of Variety	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha)	Results (q/ha)		% change	No. of farmers					
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total	
SHAH DOL	2020-21	Rabi	Integrated Nutrition Management	Demonstration on STCR based targeted yield 20q/ha in Chick Pea	Crop	Chick pea	JG-12	Irrigated		2									5
SHAH DOL	2020-21	Rabi	Integrated Nutrition Management	Demonstration on Boron micronutrient to improve quality of tomato based on STV	Crop	Tomato	Abhilash	Irrigated		2									5
SHAH DOL	2020-21	Rabi	Integrated Crop Management	NFSM Demonstration on Linseed variety JLS-27	Crop	Linseed	JLS-73	Irrigated		45									113
SHAH DOL	2020-21	Rabi	Integrated Crop Management	NFSM Demonstration on Chickpea variety JG-16	Crop	Chick pea	JG-12	Irrigated		10									25
SHAH DOL	2020-21	Rabi	Integrated Crop Management	NFSM Demonstration on Lentil variety IPL-316	Crop	Lentil	L-4717	Irrigated		10									25

3.2 Economic Impact of Crop FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
SHAHDOL	Demonstration on STCR based targeted yield 20q/ha in Chick Pea	Chick pea	Yield No. of pods/plant										
SHAHDOL	Demonstration on Boron micronutrient to improve quality of tomato based on STV	Tomato	Yield No. of fruits /cluster										
SHAHDOL	NFSM Demonstration on Linseed variety JLS-27	Linseed	Yield										
SHAHDOL	NFSM Demonstration on Chickpea variety JG-16	Chickpea	Yield										
SHAHDOL	NFSM Demonstration on Lentil variety IPL-316	Lentil	Yield										

3.3 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) / Enterprise - No.	Results (q/ha)		% change	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
SHAH DOL	2020-21	Rabi	AEG	Demonstration on self propelled vertical conveyor reaper for harvesting of wheat crop	Enterprise	Self propelled vertical conveyor reaper	Self propelled vertical conveyor reaper	Irrigated		2								5
SHAH DOL	2020-21	Rabi	AEG	Demonstration of ridge furrow seed cum fertilizer drill for sowing chickpea	Enterprise	Ridge furrow seed cum fertilizer drill	Ridge furrow seed cum fertilizer drill	Semi-irrigated		2								5
SHAH DOL	2021	Kharif	AEG	Demonstration of direct sowing of paddy by seed drill for time sowing in upland rice subsequently time sowing of	Enterprise	Seed cum fertilizer drill	Seed cum fertilizer drill	Rainfed		2								5

				wheat														
SHAH DOL	2021	Kharif	AEG	Demonstration of Maize sowing by Broad bed planter	Enterprise	Broad bed planter	Broad bed planter	Rainfed		2								5

3.4 Economic Impact of Agriculture Engineering FLD

KVK Name	Technology demonstrated	Name of Crop/Enterprise	Parameters			Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
SHAH DOL	Demonstration on self propelled vertical conveyor reaper for harvesting of wheat crop	Self propelled vertical conveyor reaper	Field capacity (ha/hr), Operational Cost (Rs./ha or Rs./hr), Yield- q/ha										
SHAH DOL	Demonstration of ridge furrow seed cum fertilizer drill for sowing chickpea	Ridge furrow seed cum fertilizer drill	Field capacity (ha/hr), Yield- q/ha										

SHAHDOL	Demonstration of direct sowing of paddy by seed drill for time sowing in upland rice subsequently time sowing of wheat	Seed cum fertilizer drill	Labour Requirement (Man-hr/ha), Field capacity (ha/hr), Operational Cost (Rs./ha or Rs./hr), Energy Requirement (MJ/ha), Yield (q/ha), B:C Ratio											
SHAHDOL	Demonstration of Maize sowing by Broad bed planter	Broad bed planter	Labour Requirement (Man-hr/ha), Field capacity (ha/hr), Operational Cost (Rs./ha or Rs./hr), Yield (q/ha), B:C Ratio											

3.5 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) / Enterprise - No.	Results (q/ha)		% change	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total

3.6 Economic Impact of Animal Science FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)

3.7 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) / Enterprise - No.	Results (q/ha)		% change	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total

3.8 Economic Impact of fishery FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)

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

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Enterprises	Crop- Area (ha) / Entrep - No.	Results		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
SHAHDOL	2020-21	Rabi	Nutritional security	Superfood – Quinoa	Superfood – Quinoa	Demonstration on Quinoa	20								20
SHAHDOL	2020-21	Rabi	Income generation	Income generation through vermi composting	Vermicomposting	Demonstration on income enhancement of FW through vermicomposting	05								05
SHAHDOL	2021	Kharif	Nutritional security	Nutritional insecurity in farm family	Seasonal vegetables and fruits	Demonstration on Nutritional Kitchen Garden	Vegetables 250 sq m								12
SHAHDOL	2021	Kharif	Income generation	Income generation through nursery raising	Nursery raising	Demonstration on income enhancement of FW through nursery raising	05								05

Economic Performance Home Science FLD: (Drudgery Reduction)

KVK name	Technology demonstrated	Performance Indicator / Parameter													
		Output *		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

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

Economic Performance Home Science FLD: (Income Generation)

KVK name	Technology demonstrated	Performance Indicator / Parameter											
		Production per unit (Q/No/Lit)		Average Cost of input (Rs/unit)		Average Gross Return(Rs/unit)		Average Net Return(Rs/unit)		Benefit-Cost Ratio (Gross Return / Gross Cost)			
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Shahdol	Demonstration on income enhancement of FW through vermicomposting												
Shahdol	Demonstration on income enhancement of FW through nursery raising												

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

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	T2	T1	T2	T1	T2	T1	T2
Shahdol	Demonstration on Nutritional Kitchen Garden	Potato, Onion, Tomato , Egg plant	Spinach, Fenugreek, peas , tomato, Bottle gourd , Coriander, Okra, Egg plant, Beet root, Pumpkin, Radish, Cabbage, Chilli, Potato																	
Shahdol	Demonstration on Quinoa	Rice	Quinoa																	

3.10 Training and Extension activities conducted under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
SHAHDOL	Chickpea	Field days	01		
SHAHDOL	Chickpea	Farmers Training	02		
SHAHDOL	Chickpea	Media coverage			
SHAHDOL	Lentil	Field days	02		
SHAHDOL	Lentil	Farmers Training	01		
SHAHDOL	Lentil	Media coverage			
SHAHDOL	Linseed	Field days	02		
SHAHDOL	Linseed	Farmers Training	02		
SHAHDOL	Linseed	Media coverage			

3.11 Details of FLD on crop hybrids.

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

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

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Shahdol	

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
Shahdol				

5. TRAINING PROGRAMMES

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

Table 5.1. Details of Training programmes conducted by the KVKs for Farmers

Name of KVK	Category (F & FW /FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants											
								Gen		SC		ST		Others					
								M	F	M	F	M	F	M	F				
Shahdol			Crop Production	Weed Management															
Shahdol			Crop Production	Resource Conservation Technologies															
Shahdol			Crop Production	Cropping Systems															
Shahdol			Crop Production	Crop Diversification															
Shahdol			Crop Production	Integrated Farming															
Shahdol			Crop Production	Micro irrigation/irrigation															
Shahdol			Crop Production	Seed production															
Shah			Crop Production	Nursery management															

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				
dol																			
Shah dol			Crop Production	Integrated Crop Management															
Shah dol			Crop Production	Soil & water conservation															
Shah dol			Crop Production	Integrated nutrient Management															
Shah dol			Crop Production	Production of organic inputs															
Shah dol			Crop Production	Others(Pl. Specify)															
Shah dol			Horticulture (Vegetable Crops)	Production of low volume and high value crops															
Shah dol			Horticulture (Vegetable Crops)	Off season vegetables															
Shah dol			Horticulture (Vegetable Crops)	Nursery raising															
Shah dol			Horticulture (Vegetable Crops)	Exotic vegetables															
Shah dol			Horticulture (Vegetable Crops)	Export potential vegetables															
Shah dol			Horticulture (Vegetable Crops)	Grading and standardization															
Shah dol			Horticulture (Vegetable Crops)	Protective cultivation															
Shah dol			Horticulture (Vegetable Crops)	Others(Pl. Specify)															
Shah dol			Horticulture (Fruits)	Training and Pruning															
Shah dol			Horticulture (Fruits)	Layout and Management of Orchards															
Shah dol			Horticulture (Fruits)	Cultivation of Fruit															
Shah dol			Horticulture (Fruits)	Management of young plants/orchards															
Shah			Horticulture (Fruits)	Rejuvenation of old orchards															

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					
dol																				
Shah dol			Horticulture (Fruits)	Export potential fruits																
Shah dol			Horticulture (Fruits)	Micro irrigation systems of orchards																
Shah dol			Horticulture (Fruits)	Plant propagation techniques																
Shah dol			Horticulture (Fruits)	Others (Pl. Specify)																
Shah dol			Horticulture (Ornamental Plants)	Nursery Management																
Shah dol			Horticulture (Ornamental Plants)	Management of potted plants																
Shah dol			Horticulture (Ornamental Plants)	Export potential of ornamental plants																
Shah dol			Horticulture (Ornamental Plants)	Propagation techniques of Ornamental Plants																
Shah dol			Horticulture (Ornamental Plants)	Others (Pl. Specify)																
Shah dol			Horticulture(Plantation crops)	Production and Management technology																
Shah dol			Horticulture(Plantation crops)	Processing and value addition																
Shah dol			Horticulture(Plantation crops)	Others (Pl. Specify)																
Shah dol			Horticulture(Tuber crops)	Production and Management technology																
Shah dol			Horticulture(Tuber crops)	Processing and value addition																
Shah dol			Horticulture(Tuber crops)	Others (Pl. Specify)																
Shah dol			Horticulture(Spices)	Production and Management technology																
Shah dol			Horticulture(Spices)	Processing and value addition																
Shah dol			Horticulture(Spices)	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				
dol																			
Shah dol			Horticulture(Medicinal and Aromatic Plants)	Nursery management															
Shah dol			Horticulture(Medicinal and Aromatic Plants)	Production and management technology															
Shah dol			Horticulture(Medicinal and Aromatic Plants)	Post harvest technology and value addition															
Shah dol			Horticulture(Medicinal and Aromatic Plants)	Others (Pl. Specify)															
Shah dol			Soil Health and Fertility Management	Soil fertility management															
Shah dol			Soil Health and Fertility Management	Integrated water management															
Shah dol			Soil Health and Fertility Management	Integrated Nutrient Management															
Shah dol			Soil Health and Fertility Management	Production and use of organic inputs															
Shah dol			Soil Health and Fertility Management	Management of Problematic soils															
Shah dol			Soil Health and Fertility Management	Micro nutrient deficiency in crops															
Shah dol			Soil Health and Fertility Management	Nutrient Use Efficiency															
Shah dol			Soil Health and Fertility Management	Balance Use of fertilizer															
Shah dol			Soil Health and Fertility Management	Soil & water testing															
Shah dol			Soil Health and Fertility Management	Organic Farming															
Shah dol			Soil Health and Fertility Management	Others (Pl. Specify)															
Shah dol			Livestock Production and Management	Dairy Management															
Shah dol			Livestock Production and Management	Poultry Management															
Shah			Livestock Production and Management	Piggery Management															

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					
dol																				
Shahdol			Livestock Production and Management	Rabbit Management																
Shahdol			Livestock Production and Management	Animal Nutrition Management																
Shahdol			Livestock Production and Management	Disease Management																
Shahdol			Livestock Production and Management	Feed & fodder technologies																
Shahdol			Livestock Production and Management	Production of quality animal products																
Shahdol			Livestock Production and Management	Others (Pl. Specify)																
Shahdol	FW	OFC	Home Science/Women empowerment	Household food security by kitchen gardening and nutrition gardening	Role and importance of NKG for balance diet in rural households.	01	01													
Shahdol	FW	ONC	Home Science/Women empowerment	Household food security by kitchen gardening and nutrition gardening	Role and importance of vegetable in daily diet	01	01													
Shahdol	FW	ONC	Home Science/Women empowerment	Household food security by kitchen gardening and nutrition gardening	Nutritional benefits of curry leaves	01	01													
Shahdol	FW	ONC	Home Science/Women empowerment	Household food security by kitchen gardening and nutrition gardening	Nutritional benefits of drumstick	01	01													
Shahdol	FW	ONC	Home Science/Women empowerment	Household food security by kitchen gardening and nutrition gardening	Nutritional benefits of mahua	01	01													
Shahdol	FW	OFC	Home Science/Women empowerment	Household food security by kitchen gardening and nutrition gardening	Nutritional security through processing and preservation of fruits and vegetables	01	01													
Shahdol	FW	ONC	Home Science/Women empowerment	Design and development of low/minimum cost diet	Use of Linseed for human health	01	01													
Shahdol	FW	ONC	Home Science/Women empowerment	Design and development of low/minimum cost diet	Nutritional benefits of soybean and its usage in daily diet	01	01													
Shahdol	FW	ONC	Home Science/Women empowerment	Design and development of low/minimum cost diet	Nutritional importance of Quinoa for tribal farmers	01	01													
Shahdol	FW	ONC	Home Science/Women empowerment	Design and development of low/minimum cost diet	Nutritive Benefits of Traditional foods	01	01													
Shahdol	FW	ONC	Home Science/Women empowerment	Design and development of low/minimum cost diet	Nutritive Benefits of Traditional foods	01	01													
Shahdol	FW	ONC	Home Science/Women empowerment	Designing and development for high	Designing of high calorie high protein diet for	01	01													

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				
dol			empowerment	nutrient efficiency diet	school going children														
Shah dol			Home Science/Women empowerment	Minimization of nutrient loss in processing															
Shah dol			Home Science/Women empowerment	Processing & cooking															
Shah dol			Home Science/Women empowerment	Gender mainstreaming through SHGs															
Shah dol	FW	ONC	Home Science/Women empowerment	Storage loss minimization techniques	Household technique of grain and pulse storage	01	01												
Shah dol	FW	OFC	Home Science/Women empowerment	Storage loss minimization techniques	Household technique of grain and pulse storage	01	01												
Shah dol	FW	OFC	Home Science/Women empowerment	Value addition	Value addition of Quinoa	01	01												
Shah dol	FW	OFC	Home Science/Women empowerment	Value addition	Value addition of Mahua	01	01												
Shah dol	FW	OFC	Home Science/Women empowerment	Women empowerment	Income generation through vermi composting	01	01												
Shah dol	FW	OFC	Home Science/Women empowerment	Location specific drudgery reduction technologies	Use of mahua seed decorticator for DR of FW during mahua decortications.	01	01												
Shah dol	FW	OFC	Home Science/Women empowerment	Location specific drudgery reduction technologies	DR of FW through improved agricultural implements	01	01												
Shah dol			Home Science/Women empowerment	Rural Crafts															
Shah dol	FW	OFC	Home Science/Women empowerment	Women and child care	Care and nutrition of pregnant and lactating women	01	01												
Shah dol	FW	OFC	Home Science/Women empowerment	Women and child care	Care and nutrition of during first 1000 Days	01	01												
Shah dol			Home Science/Women empowerment	Others (Pl. Specify)															
Shah dol	F&FW	ONC	Agril. Engineering	Production of small tools and implements	Use of vegetable transplanter for vegetable seedling planting	01	01												
Shah dol	F&FW	ONC	Agril. Engineering	Farm machinery & its maintenance	Maintenance of agricultural implements	01	01												
Shah dol	F&FW	OFC	Agril. Engineering	Farm machinery & its maintenance	Use of different types machinery for wheat harvesting	01	01												
Shah dol	F&FW	ONC	Agril. Engineering	Farm machinery & its maintenance	Precautions at the time of threshing	01	01												

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					
dol																				
Shah dol	F&FW	ONC	Agril. Engineering	Installation and maintenance of micro irrigation systems	Use of drip irrigation system in orchards	01	01													
Shah dol	F&FW	OFC	Agril. Engineering	Farm machinery & its maintenance	Different types of implements use for deep summer ploughing	01	01													
Shah dol	F&FW	ONC	Agril. Engineering	Others (soil and water conservation)	Types of rain water harvesting structures	01	01													
Shah dol	F&FW	ONC	Agril. Engineering	Others (soil and water conservation)	Maintenance of water conservation structures	01	01													
Shah dol	F&FW	ONC	Agril. Engineering	Others (soil and water conservation)	In situ rain water conservation methods in plantation	01	01													
Shah dol	F&FW	ONC	Agril. Engineering	Others (soil and water conservation)	Low cost water harvesting structures	01	01													
Shah dol	F&FW	OFC	Agril. Engineering	Farm machinery & its maintenance	Different types of implements use for field preparation in kharif season	01	01													
Shah dol	F&FW	OFC	Agril. Engineering	Farm machinery & its maintenance	Different sowing techniques for soybean	01	01													
Shah dol	F&FW	OFC	Agril. Engineering	Others (Resource Conservation Technology)	Use of broad bed planter for maize sowing	01	01													
Shah dol	F&FW	ONC	Agril. Engineering	Farm machinery & its maintenance	Agricultural mechanization in paddy cultivation	01	01													
Shah dol	F&FW	ONC	Agril. Engineering	Others (Resource Conservation Technology)	Use of seed drill for paddy sowing	01	01													
Shah dol	F&FW	ONC	Agril. Engineering	Use of Plastics in farming practices	Use of plastic in agriculture	01	01													
Shah dol	F&FW	OFC	Agril. Engineering	Production of small tools and implements	Improved weeding implement for soybean and maize	01	01													
Shah dol	F&FW	ONC	Agril. Engineering	Farm machinery & its maintenance	Use of different types of sprayers	01	01													
Shah dol	F&FW	ONC	Agril. Engineering	Use of Plastics in farming practices	Protray for nursery rising	01	01													
Shah dol	F&FW	OFC	Agril. Engineering	Production of small tools and implements	Use of vegetable transplanter for vegetable seedling planting	01	01													
Shah dol	F&FW	OFC	Agril. Engineering	Others (soil and water conservation)	Importance of boribabdhan for nalabunding	01	01													
Shah dol	F&FW	OFC	Agril. Engineering	Others (Resource Conservation Technology)	Ridge furrow method for chickpea sowing	01	01													

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				
dol				Technology)															
Shah dol	F&FW	ONC	Agril. Engineering	Others (Resource Conservation Technology)	Importance of zero tillage machine in wheat sowing	01	01												
Shah dol	F&FW	ONC	Agril. Engineering	Others (soil and water conservation)	Efficient use of water in different irrigation system	01	01												
Shah dol	F&FW	ONC	Agril. Engineering	Installation and maintenance of micro irrigation systems	Importance of drip irrigation in vegetable crops	01	01												
Shah dol	F&FW	ONC	Agril. Engineering	Installation and maintenance of micro irrigation systems	Maintenance of micro irrigation system	01	01												
Shah dol			Agril. Engineering	Farm machinery & its maintenance															
Shah dol			Agril. Engineering	Installation and maintenance of micro irrigation systems															
Shah dol			Agril. Engineering	Use of Plastics in farming practices															
Shah dol			Agril. Engineering	Production of small tools and implements															
Shah dol			Agril. Engineering	Repair and maintenance of farm machinery and implements															
Shah dol			Agril. Engineering	Small scale processing and value addition															
Shah dol			Agril. Engineering	Post Harvest Technology															
Shah dol			Agril. Engineering	Others (Pl. Specify)															
Shah dol			Fisheries	Shrimp farming															
Shah dol			Fisheries	Edible oyster farming															
Shah dol			Fisheries	Pearl culture															
Shah dol			Fisheries	Fish processing and value addition															
Shah dol			Fisheries	Others (Pl. Specify)															
Shah			Production of Input at	Seed 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				
dol			site																
Shah dol			Production of Input at site	Planting material production															
Shah dol			Production of Input at site	Bioagents production															
Shah dol			Production of Input at site	Biopesticides production															
Shah dol			Production of Input at site	Biofertilizer production															
Shah dol			Production of Input at site	Vermicompost production															
Shah dol			Production of Input at site	Organic manures production															
Shah dol			Production of Input at site	Production of fry and fingerlings															
Shah dol			Production of Input at site	Production of Bee colonies and wax sheets															
Shah dol			Production of Input at site	Small tools and implements															
Shah dol			Production of Input at site	Production of livestock feed and fodder															
Shah dol			Production of Input at site	Production of Fish feed															
Shah dol			Production of Input at site	Mushroom production															
Shah dol			Production of Input at site	Apiculture															
Shah dol			Production of Input at site	Others (Pl. Specify)															
Shah dol			Capacity Building and Group Dynamics	Leadership development															
Shah dol			Capacity Building and Group Dynamics	Group dynamics															
Shah dol			Capacity Building and Group Dynamics	Formation and Management of SHGs															
Shah			Capacity Building and	Mobilization of social capital															

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				
dol			Group Dynamics																
Shah dol			Capacity Building and Group Dynamics	Entrepreneurial development of farmers/youths															
Shah dol			Capacity Building and Group Dynamics	WTO and IPR issues															
Shah dol			Capacity Building and Group Dynamics	Others (Pl. Specify)															
Shah dol	F&FW	On Campu s	Agro forestry	Production technologies	Cultivation of Turmeric under the Shade of Fruit tree.	01	01												
Shah dol	F&FW	On Campu s	Agro forestry	Production technologies	Planting techniques of Moringa and after its care.	01	01												
Shah dol	F&FW	Off Campu s	Agro forestry	Production technologies	Method of Fodder Production under Agri silvipasture system.	01	01												
Shah dol	F&FW	On Campu s	Agro forestry	Production technologies	Wasteland development through different Method of Agro forestry.	01	01												
Shah dol	F&FW	Off Campu s	Agro forestry	Production technologies	Cultivation of Napier grass and their Importance.	01	01												
Shah dol	F&FW	On Campu s	Agro forestry	Production technologies	Guava Based Agro forestry technique and their care.	01	01												
Shah dol	F&FW	Off Campu s	Agro forestry	Production technologies	Eucalyptus based Agro forestry System.	01	01												
Shah dol	F&FW	On Campu s	Agro forestry	Production technologies	Different Plantation Method of Fruit and Forest Tree.	01	01												
Shah dol	F&FW	Off Campu s	Agro forestry	Production technologies	Training on Drumstick plantation and its care.	01	01												
Shah dol	F&FW	On Campu s	Agro forestry	Nursery management	Training on Paddy with guava interaction Performance.	01	01												

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				
Shahdol	F&FW	Off Campu s	Agro forestry	Integrated Farming Systems	Training on kharif crop with Drumstick & Mango.	01	01												
Shahdol	F&FW	Off Campu s	Agro forestry	Others (Planting Tech.)	Production & collection Technology of Mahua seed.	01	01												
Shahdol	F&FW	On Campu s	Agro forestry	Others (Planting Tech.)	Fodder production along with tree Plantation.	01	01												
Shahdol	F&FW	On Campu s	Agro forestry	Others (Planting Tech.)	Important role on Jetropha & custard Apple in Human Life	01	01												
Shahdol	F&FW	Off Campu s	Agro forestry	Others (Wasteland Development)	Cultivation of Makka chari based on Agri Horticulture system.	01	01												
Shahdol	F&FW	On Campu s	Agro forestry	Others(Income generation)	Processing and Storage Technique of Minor forest product.	01	01												
Shahdol	F&FW	On Campu s	Agro forestry	Others(Income generation)	Control measure of Insect pest in planted tree and their management.	01	01												
Shahdol	F&FW	On Campu s	Agro forestry	Others(Income generation)	Training on Production of Napier grass and Makka Chari for Animal Feed.	01	01												
Shahdol	F&FW	OFF	Agro forestry	Others(Income generation)	Training on Method of Mahua seed /Flowers collection.	01	01												
Shahdol	F&FW	OFF	Agro forestry	Others (Pl. Specify)	Training on “ Arhar + Eucalyptus Based Agroforestry System.	01	01												
Shahdol	F&FW	OFF	Agro forestry	Others (Pl. Specify)	Training on “Gram + Bunds on Guava/Eucalyptus Based Agroforestry System.	01	01												
Shahdol	F&FW	OFF	Agro forestry	Others (Pl. Specify)	Wasteland Development through Teak, Aonla, Karanja plantation.	01	01												
Shahdol	F&FW	ON	Agro forestry	Others (Pl. Specify)	Intercropping system of different Kharif Crops.	01	01												
Shahdol	F&FW	ON	Agro forestry	Others (Pl. Specify)	Intercropping system of different Tree Rabi Crops.	01	01												

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

Name of KVK	Category (RY)	Training Type (ONC/OFC)	Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Shahdol	RY		Nursery Management of Horticulture crops											
Shahdol	RY		Training and pruning of orchards											
Shahdol	RY		Protected cultivation of vegetable crops											
Shahdol	RY		Commercial fruit production											
Shahdol	RY		Integrated farming											
Shahdol	RY		Seed production											
Shahdol	RY		Production of organic inputs											
Shahdol	RY		Planting material production											
Shahdol	RY		Vermi culture											
Shahdol	RY		Mushroom Production											
Shahdol	RY		Bee keeping											
Shahdol	RY		Sericulture											
Shahdol	RY	ONC	Repair and maintenance of farm machinery and implements	Repair and maintenance of farm machinery and implements	01	01								
Shahdol	RY	ONC	Value addition (WOE- Value addition)	Value addition of Quinoa	01	01								

Name of KVK	Category (RY)	Training Type (ONC/OFC)	Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Shahdol	RY		Small scale processing											
Shahdol	RY		Post Harvest Technology											
Shahdol	RY		Tailoring and Stitching											
Shahdol	RY		Rural Crafts											
Shahdol	RY		Production of quality animal products											
Shahdol	RY		Dairying											
Shahdol	RY		Sheep and goat rearing											
Shahdol	RY		Quail farming											
Shahdol	RY		Piggery											
Shahdol	RY		Rabbit farming											
Shahdol	RY		Poultry production											
Shahdol	RY		Ornamental fisheries											
Shahdol	RY		Composite fish culture											
Shahdol	RY		Freshwater prawn culture											
Shahdol	RY		Shrimp farming											
Shahdol	RY		Pearl culture											
Shahdol	RY		Cold water fisheries											
Shahdol	RY		Fish harvest and processing technology											
Shahdol	RY		Fry and fingerling rearing											
Shahdol	RY	ON	Others(AGF)	Training on "Wheat + Bunds on Mango/Eucalyptus	01	01								

Name of KVK	Category (RY)	Training Type (ONC/OFC)	Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				Based Agro Horticulture System.										
Shahdol	RY	ON	Others(WOE- Women and Child care)	Care and nutrition of adolescent girls	01	01								
Shahdol	RY	ON	Others(WOE- Value addition)	Use of linseed for human health	01	01								
Shahdol	RY	ON	Others(WOE- Value addition)	Nutritional benefits of soybean and its usage in daily diet	01	01								

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
Shahdol	IS		Productivity enhancement in field crops											
Shahdol	IS		Integrated Pest Management											
Shahdol	IS		Integrated Nutrient management											

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
Shahdol	IS		Rejuvenation of old orchards											
Shahdol	IS		Protected cultivation technology											
Shahdol	IS		Production and use of organic inputs											
Shahdol	IS	ONC	Care and maintenance of farm machinery and implements	Care and maintenance of farm machinery and implements	01	01								
Shahdol	IS		Gender mainstreaming through SHGs											
Shahdol	IS		Formation and Management of SHGs											
Shahdol	IS	OFC	Women and Child care	Care and nutrition of pregnant and lactating women	01	01								
Shahdol	IS	OFC	Women and Child care	Care and nutrition of during first 1000 Days	01	01								
Shahdol	IS	OFC	Women and Child care	Nutritional Kitchen Garden	01	01								
Shahdol	IS	OFC	Women and Child care	Anemia	01	01								

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
				symptoms and its remedial measures										
Shahdol	IS		Low cost and nutrient efficient diet designing											
Shahdol	IS		Group Dynamics and farmers organization											
Shahdol	IS		Information networking among farmers											
Shahdol	IS		Capacity building for ICT application											
Shahdol	IS		Management in farm animals											
Shahdol	IS		Livestock feed and fodder production											
Shahdol	IS		Household food security											
Shahdol	IS	OFF	Others(Pl. Specify)	Training on "Paddy + Bunds on Moringa Based Agroforestry System.	01	01								

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				
Shahdol	Crop production and management	Commercial floriculture																	
Shahdol	Crop production and management	Commercial fruit production																	
Shahdol	Crop production and management	Commercial vegetable production																	
Shahdol	Crop production and management	Integrated crop management																	
Shahdol	Crop production and management	Organic farming																	
Shahdol	Crop production and management	Others(Pl. Specify)																	
Shahdol	Post harvest technology and value addition	Value addition																	
Shahdol	Post harvest technology and value addition	Others(Pl. Specify)																	
Shahdol	Livestock and fisheries	Dairy farming																	
Shahdol	Livestock and fisheries	Composite fish culture																	
Shahdol	Livestock and fisheries	Sheep and goat rearing																	
Shahdol	Livestock and fisheries	Piggery																	
Shahdol	Livestock and fisheries	Poultry farming																	
Shahdol	Livestock and fisheries	Others(Pl. Specify)																	
Shahdol	Income generation activities	Vermi-composting	Skill Dev Training Programme on “ Vermicompost Producer	Vermicompost Producer	Low income	01	25												

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				
Shahdol	Income generation activities	Production of bio-agents, bio-pesticides,																	
Shahdol	Income generation activities	Bio-fertilizers etc.																	
Shahdol	Income generation activities	Repair and maintenance of farm machinery & implements	Skill Dev Training Programme on “ Micro irrigation Technician	Micro irrigation Technician	Low income	01	25												
Shahdol	Income generation activities	Rural Crafts																	
Shahdol	Income generation activities	Seed production																	
Shahdol	Income generation activities	Sericulture																	
Shahdol	Income generation activities	Mushroom cultivation																	
Shahdol	Income generation activities	Nursery, grafting etc.																	
Shahdol	Income generation activities	Tailoring, stitching, embroidery, dying etc.																	
Shahdol	Income generation activities	Agril. paraworkers, para0vet training																	
Shahdol	Income generation activities	Others(Pl. Specify)																	
Shahdol	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				
Shahdol	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					
Shahdol			Crop production and management	Increasing production and productivity of crops																
Shahdol			Crop production and management	Commercial production of vegetables																
Shahdol			Crop production and management	Production and value addition																
Shahdol			Crop production and management	Fruit Plants																
Shahdol			Crop production and management	Ornamental plants																
Shahdol			Crop production and management	Spices crops																
Shahdol			Crop production and management	Soil health and fertility management																
Shahdol			Crop production and management	Production of Inputs at site																
Shahdol			Crop production and management	Methods of protective cultivation																
Shahdol			Crop production and management	Others(Pl. Specify)																
Shahdol			Post harvest technology and value addition	Processing and value addition																
Shahdol			Post harvest technology and value addition	Others(Pl. Specify)																
Shahdol			Farm machinery	Farm machinery, tools and																

Name of KVK	Client (F & FW/ F W/ 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		
dol				implements													
Shahdol			Farm machinery	Others(Pl. Specify)													
Shahdol			Livestock and fisheries	Livestock production and management													
Shahdol			Livestock and fisheries	Animal Nutrition Management													
Shahdol			Livestock and fisheries	Animal Disease Management													
Shahdol			Livestock and fisheries	Fisheries Nutrition													
Shahdol			Livestock and fisheries	Fisheries Management													
Shahdol			Livestock and fisheries	Others(Pl. Specify)													
Shahdol			Home Science	Household nutritional security													
Shahdol			Home Science	Economic empowerment of women													
Shahdol			Home Science	Drudgery reduction of women													
Shahdol			Home Science	Others(Pl. Specify)													
Shahdol			Agricultural Extension	Capacity Building and Group Dynamics													
Shahdol			Agricultural Extension	Others(Pl. Specify)													

Table 5.6. Details of training programme conducted for livelihood security in rural areas by the KVKs

Name of KVK	Training title	Self employed after training			Number of persons employed elsewhere
		Type of units	Number of units	Number of persons employed	
Shahdol					

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

Name of KVK	Title	Thematic area	Sub-theme	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Shahdol																
Shahdol																

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
Household food security by kitchen gardening and nutrition gardening	06	120
Design and development of low/minimum cost diet	06	120
Designing and development for high nutrient efficiency diet		
Minimization of nutrient loss in processing		
Processing and cooking		
Gender mainstreaming through SHGs		
Storage loss minimization techniques	02	40
Value addition	02	40
Women empowerment	02	40
Location specific drudgery reduction technologies		
Rural Crafts		
Women and child care	02	40
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		
Horticulture		
Soil Health and Fertility Management		
Livestock Production and Management		
Agril. Engineering	24	480
Plant Protection		
Fisheries		
Production of Input at site		
Capacity Building and Group Dynamics		
Agro forestry	24	480

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)
Shahdol											

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants (only in no.) *								Remarks			
				Farmers (Others)		Farmers SC		Farmers ST		Extension Officials		Purpos e	Topics	Crop Stages	
				M	F	M	F	M	F	M	F				
Shahdol	Agri mobile clinic														
Shahdol	Animal Health Camp	01													
Shahdol	Awareness programme	25													
Shahdol	Celebration of important days	08													
Shahdol	Diagnostic visits	12													
Shahdol	Exhibition	12													
Shahdol	Exposure visits	12													
Shahdol	Ex-trainees Sammelan														
Shahdol	Farm advisory Services	84													
Shahdol	Farmers visit to KVK														
Shahdol	Field Day	08													
Shahdol	Group meetings	02													
Shahdol	Kisan Ghosthi/Sammelan	05													
Shahdol	Kisan Mela														
Shahdol	Krishi Mahotsav														
Shahdol	Lectures delivered as resource persons	48													
Shahdol	Mahila Mandals conveners meetings														
Shahdol	Method Demonstrations														
Shahdol	Pradhanmantri phasal beema yojana														
Shahdol	Scientific visit to farmers field	100													
Shahdol	Self Help Group conveners meetings	04													
Shahdol	Soil health Camp	01													
Shahdol	Soil test campaigns														
Shahdol	Technology Week	01													
Shahdol	Extension literature	12													
Shahdol	Film Show	10													
Shahdol	Newspaper coverage	60													
Shahdol	Others														

Mass media used for wide publicity

Name of media	Number of events	Name of channel/ Newspaper used	Place of delivery or publication	Coverage of the media (Local/ Regional/National)
Radio talks	08		AIR Shahdol	Local
TV talks				
Newspaper coverage	60		Local Newspaper	Local
Internet (Youtube)				
Social media (Whats App, Facebook, Instagram, Twitter etc.)	07 Whatsapp group , 1 Facebook and 1 Twitter account			

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.
Shahdol	January to March 2020	Q1	500	500	Farmer , Official , Panchayat official
Shahdol	April to June 2020	Q2	500	500	Farmer
Shahdol	July to September 2020	Q3	500	500	Farmer
Shahdol	October to December 2020	Q4	500	500	Farmer

7.2 Literature developed/published

KVK Name	Type	Number of copies (please don't give mass please fill number only)
Shahdol	Abstract	
Shahdol	Book	
Shahdol	Book Chapter	
Shahdol	Booklet	
Shahdol	Leaflets/ Folder/ Pamphlet	06 (500 each)
Shahdol	Popular article	23
Shahdol	Technical Bulletin	02 (100 each)
Shahdol	Training Manual	
Shahdol	Technical Report	10
Shahdol	Year Planner	01 (500 each)
Shahdol	Others (pl. specify)	

Research paper /Review paper published during Jan to Dec. 2021

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

7.3 Details of Electronic Media Produced

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

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 (Rs.)	Provided to no. of Farmers/society	Expected area coverage (ha.)
Shahdol							

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.)
Shahdol	Vegetable seedling	Vegetables		20000			

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	
Shahdol	Bio Fertilizers	Non Symbiotic Azotobacter						
Shahdol		Vermicompost	2000					
Shahdol		Azolla	200					
Shahdol		Earthworms	10					
Shahdol		Compost						
Shahdol		Blue green algae						
Shahdol		NADEP						
Shahdol		Sanjeevani Khad						
Shahdol		Acetobactor						
Shahdol		Aspergillus						
Shahdol		Azatobactor						
Shahdol		Azospirillum						
Shahdol		Phosphate solublizing Bacteria						
Shahdol		Rhizobium						
Shahdol		Other (pl. sp.)						
Shahdol		Bio-Food	Spirulina					
Shahdol			Honey					
Shahdol	Any Other (pl. sp.)							
Shahdol	Bio Pesticides	Neem extract						
Shahdol		Neem powder						
Shahdol		Tobacco extract						
Shahdol		Trichoderma viride						
Shahdol		Trichoderma harjinum						
Shahdol		Trichogramma chilonis						
Shahdol		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
Shahdol		Metarhizium anisopliae					
Shahdol		Pseudomonas fluorescens					
Shahdol		SINPV					
Shahdol		HaNPV					
Shahdol		GF1					
Shahdol		Baco Lures					
Shahdol		Heli Lures					
Shahdol		Leucin Lures					
Shahdol		Paecilomyces					
Shahdol		Panchagavya					
Shahdol		Verticillium					
Shahdol	Bio Agents (Tricho card)	Trichogramma chilonis					
Shahdol		Chrysoperla carnea					
Shahdol		Tricho card					
Shahdol		Any other (Pl. Specify)					
Shahdol	Bio Agents (Pyrilla parasitoids)	Ooincirtus papilionis					
Shahdol		Epiricania melanolauca					
Shahdol	Bio Agents(Worms)	Assinia foetida					
Shahdol		Eudrilus eugeniae					
Shahdol		Euclnia Uginiae					
Shahdol		Eisenia foetida					
Shahdol		Earth worm					
Shahdol		Any other (pl. specify)					
Shahdol	Others	Mushroom spawn					
Shahdol		Mineral Mixture					
Shahdol		Cow dung (dry)					
Shahdol		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.		
Shahdol	Dairy animals	Cow						
Shahdol		Calves						
Shahdol		Goats						
Shahdol		Buffaloes						
Shahdol		Sheep						
Shahdol		Breeding bull						
Shahdol		Other (pl specify)						
Shahdol	Poultry	Poultry						
Shahdol		Japanese quail						
Shahdol		Japanese quail eggs						
Shahdol		Ducks						
Shahdol		Turkey						
Shahdol		Other						
Shahdol	Piggery	Piglets						
Shahdol		Boar						
Shahdol		Sow						
Shahdol		Other (pl specify)						
Shahdol	Fisheries	Indian carp						
Shahdol		Exotic carp						
Shahdol		Other (pl specify)						

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed during Jan to Dec. 2021 :

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

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)
Shahdol					

10. Rainwater Harvesting

10.1. Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RV/EF)	No. of Courses	No. of Participants									
					SC		ST		Other		General		Total	
					Male	Female	Male	Female	Male	Female	Male	Female		
SHAHDOL		Types of rain water harvesting structures	PF	1										20
SHAHDOL		Maintenance of water conservation structures	PF	1										20
SHAHDOL		In situ rain water conservation methods in plantation	PF	1										20
SHAHDOL		Low cost water harvesting structures	PF	1										20

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.)
Shahdol	04	02			

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		
SHAHDOL		Importance of drip irrigation in vegetable crops	F & FW	1										20
SHAHDOL		Use of drip irrigation system in orchards	F & FW	1										20
SHAHDOL		Use of sprinkler irrigation in wheat crop	F & FW	1										20

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
Shahdol	1	Crop Management	Crop Production Technology					
			Integrated Farming					
			Field Preparation					
			Any Other (Specify)					
	2	Weather	Advisory					
			Change in variety					
			Change in Sowing technique					
			Climate forecast					
			Any Other (Specify)					
	3	Soil Management	Soil Testing					
			INM					
			Fertilizer Application					
			Vermicomposting/ bio-waste recycling					
			Bio-fertilizer					
			Any Other (Specify)					
	4	Disease & Pest Management	Disease Management					
			Pest Management					
			Preventive Advisory Disease Management					
			Preventive Advisory Pest Management					
			Bio-pesticides					
			Any Other (Specify)					
	5	Nutrition Security & Women Empowerment	Nutrition Awareness					
			Kitchen garden					
Value Addition and Processing								
Drudgery Reduction								
Entrepreneurship & Income Generation								
Advisory								
Any Other (Specify)								

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
	6	Horticulture	Vegetable					
			Fruit					
			Hi Tech Horticulture					
			Any Other (Specify)					
	7	Livestock	Feed and Fodder					
			Dairy Management					
			Fisheries					
			Poultry Management					
			Vaccination & Disease management					
			Any Other(Specify)					
	8	Farm Mechanization						
	9	Extension						
	10	Organic Farming						
	11	Marketing						
12	Awareness							
13	Other Enterprise							
14	Any Other(Specify)							

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)
Shahdol	TSP	Central				
Shahdol	NFSM	Central				

18. Status of Contingency Utilization Jan-Dec-2021

Name of KVK	Total Contingency allotted (Rs.)	Fund used by KVKs (Rs)			Balance (Rs.)
		Activities	No of Activities	Exp (Rs)	
Shahdol		OFT			
		FLD (other than CFLD)			
		Training	84		
		Extension Activities			
		SAC Meeting	02		
		Special Programme (Pl. Specify)			
		Others (Pl. Specify)			

19. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance on 01 .01.2021 (Rs.)	Closing balance 31.12.2021 (Rs.)	Name of major source of revolving fund
Shahdol	38171021423			

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
Shahdol					

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

Area covered under crop cafeteria (sq. meter)	Type of crop (Cereals, Pulses, Oilseeds, Vegetables, medicinal, Spices, fruits etc.)	Name of crop	No. of variety displayed	Name (s) of variety	Name of best variety of concerned crop	Source
Shahdol						

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.	Shahdol				

***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
Shahdol	Pre Rabi Interaction	60
Shahdol	Pre Kharif Interaction	60

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
Shahdol	5	814	02	03	50	814

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*
Shahdol							

***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	
Shahdol	Dindori	Technical concept sharing			
Shahdol	Umaria	Technical concept sharing			
Shahdol	Rewa	Technical concept sharing & Sharing Entomology services			
Shahdol	Sidhi	Technical concept sharing & Agronomy services			

27. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
-------------	-----------------	---------------	------	------	--------	---------

Shahdol						

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	No. of visitors
SHAHDOL	SHAHDOI	April 2011	www.jnkvvkvkshahdolatari9org.in		

29. Mobile Apps to be developed by KVK

Name of KVK	Title of Mobile App	Link to Play Store	No. of Installs
Shahdol			

30. ICT based module

KVK	Whatsapp		Facebook			Twitter		Instagram	
	No of group created	No of beneficiaries	Scientists linked	Farmers connected	No of Post	No of tweets	People following	No of share	People following
Shahdol									

31. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1.	Shahdol			

32. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1.	Shahdol			

33. Participation in HRD Programmes organized by ATARI

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Shahdol	Dr. Mrigendra Singh	Se. Sci. & Head		
Shahdol	Dr. (Smt.)A. Sharma	Scientist		
Shahdol	Sh. D. Chouhan	Scientist		
Shahdol	Sh. Bhagwat Prasad Pandre	Programme Assistant		
	Total			

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

34. Participation in HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Shahdol	Dr. Mrigendra Singh	Se. Sci. & Head		
Shahdol	Dr. (Smt.)A. Sharma	Scientist		
Shahdol	Sh. D. Chouhan	Scientist		
Shahdol	Sh. Bhagwat Prasad Pandre	Programme Assistant		

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

35. 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)
Shahdol	Dr. Mrigendra Singh	Se. Sci. & Head			
Shahdol	Dr. (Smt.)A. Sharma	Scientist			
Shahdol	Sh. D. Chouhan	Scientist			
Shahdol	Sh. Bhagwat Prasad Pandre	Programme Assistant			

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

36. 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
Shahdol				

37. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
Shahdol	Gosthies	6		
Shahdol	Lectures organized	22		
Shahdol	Exhibition	6		
Shahdol	Film show	22		
Shahdol	Fair	2		
Shahdol	Farm/ Field Visit	1		
Shahdol	Diagnostic Practices	1		
Shahdol	Distribution of Literature (No.)	1		
Shahdol	Distribution of Seed (q)	-		
Shahdol	Distribution of Planting materials (No.)	-		
Shahdol	Bio Product distribution (Kg)	-		
Shahdol	Distribution of Bio Fertilizers (q)	-		
Shahdol	Distribution of fingerlings	-		
Shahdol	Distribution of Livestock specimen (No.)	-		
Shahdol	Total number of farmers visited the technology week	96		
Shahdol	Animal health camp	1		
Shahdol	Awareness programme	1		
Shahdol	Demonstration	-		
Shahdol	Exposure visit	4		
Shahdol	Ex-trainees Meet			
Shahdol	Farmer scientist interaction			
Shahdol	Farmers Training			
Shahdol	Gajarghans Unmulan Pakhwada	1		
Shahdol	Group Meeting			
Shahdol	Jai Kisan Jai Vigyan Sangoshthi			
Shahdol	Plant Protection Week			
Shahdol	Seed treatment campaign			
Shahdol	Self Help Group convener meet	1		
Shahdol	Soil health Camp			
Shahdol	Swachha Bharat Abhiyan	1		
Shahdol	Others (Pl. Specify)			

38. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops	Variety	Area (ha)	Number of beneficiaries
Shahdol				

Farmers-scientists interaction on livestock management

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

Animal health camps organized

Name of KVK	Number of camps	No. of animals Attended	No. of farmers Benefitted
Shahdol			

Seed distribution in drought hit area

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

Seedlings and Saplings distributed

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

Bio-control Agents

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

Shahdol				
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Bio-Fertilizer

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

Worms Produced

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

Large scale adoption of resource conservation technologies

Name of KVK	Crops	Variety	list of resource conservation technologies introduced	Area (ha)	Number of farmers
Shahdol					

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
Shahdol												

39. Activities proposed in Sansad Adarsh Gram

Information about Sansad Adarsh Gram

Name of KVK	Block	Village
Shahdol	Sohagpur	Kelmaniya

1. Technologies to be Demonstrated

Name of Technology	Name of Crop/Enterprise	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
Demonstration Biodecomposer on decomposition of crop residues	Biodecomposer	2			05
Demonstration on Chickpea JG-12	Chickpea	5			12

2. Extension Activities

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Krishak Sangosthi				120
Awareness Camps				60
KMA				800

3. Training Programme

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Training of Farmers and Farmwomen				120

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
Shahdol	Jaisinghnagar	Devra		435	

1. Technologies to be Assessed (OFT) in DFI Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area (ha)	No. of beneficiaries
Shahdol	Increase in productivity of crops	Demonstration on Napier grass, Demo on Makka chari + Turmeric , Agroforestry Model	06	03	06
	Increase in production of livestock				
	Improvement in efficiency of input use (cost saving)				
	Increase in crop intensity				
	Diversification towards high value crops				
	Improved price realization by farmers and market linkage				

2. Technologies to be Demonstrated (FLD) in DFI Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area (ha)	No. of beneficiaries
Shahdol	Increase in productivity of crops	NFSM Demonstration of Pigeon pea	10	02	10
Shahdol		NFSM Demonstration of sesame	05	01	05
Shahdol		Organic Paddy Cultivation	10	02	05
Shahdol		Organic Wheat Cultivation	10	02	05
Shahdol	Increase in production of livestock	Demonstration on Azolla feeding	10		10
Shahdol	Improvement in efficiency of input use (cost saving)				
Shahdol	Increase in crop intensity				

Shahdol	Diversification towards high value crops				
Shahdol	Improved price realization by farmers and market linkage				

3. Training Programme to be proposed 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	
Shahdol	Training on "Paddy + Bunds on Moringa Based Agroforestry System.	01	01									20
Shahdol	Different types of implements use for field preparation in kharif season	01	01									20
Shahdol	Different sowing techniques for soybean	01	01									20
Shahdol	Use of broad bed planter for maize sowing	01	01									20
Shahdol	Agricultural mechanization in paddy cultivation	01	01									20
Shahdol	Use of seed drill for paddy sowing											20

4. Extension Activities to be proposed in DFI Village

Name of KVK	Activity	No. of activities	SC		ST		Other		Officials		Total
			M	F	M	F	M	F	M	F	
Shahdol	Krishak Sangosthi	04									120
Shahdol	Awareness Camps	02									80

Shahdol	KMA	96									150
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41. Activities proposed in Nutri-Smart Village

Information about Nutri-Smart Village

Name of KVK	Block	Name of Nutri Smart Village
Shahdol	Sohagpur	Kunarseja

1. Technologies to be Assessed (OFT) in Nutri Smart Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area	No. of beneficiaries
Shahdol	Nutritional Garden (activity in no. of Unit) (m2)				
Shahdol	Bio-fortified Crops (activity in no. of Unit) (ha)	CR Dhan 301	05	2 ha	05
Shahdol	Value addition (activity in no. of Unit/Enterprise)	Moringa powder mix , Paushtik Chappatti, Mushroom production	10, 20, 05		10, 20, 05
Shahdol	Other Enterprises (activity in no. of Unit/Enterprise)				
Shahdol	Income generation (activity in no. of Unit/Enterprise)				
Shahdol	Drudgery reduction (activity in no. of Unit/ Enterprise)				

2. Technologies to be Demonstrated (FLD) in Nutri Smart Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area	No. of beneficiaries
Shahdol	Nutritional Garden (activity in no. of Unit) (m2)	Nutritional Kitchen Garden	15	250 sq m	15
Shahdol	Bio-fortified Crops (activity in no. of Unit) (ha)	Quinoa	20		20
Shahdol	Value addition (activity in no. of Unit/Enterprise)				
Shahdol	Other Enterprises (activity in no. of Unit/Enterprise)				
Shahdol	Income generation (activity in no. of Unit/Enterprise)	Nursery raising , Vermi composting	05 ,05		05 05
Shahdol	Drudgery reduction (activity in no. of Unit/Enterprise)				

3. Training Programme to be proposed 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	
Shahdol	Role and importance of vegetable in daily diet	01	01									20
Shahdol	Nutritional benefits of curry leaves	01	01									20
Shahdol	Nutritional benefits of drumstick	01	01									20
Shahdol	Nutritional benefits of mahua	01	01									20
Shahdol	Nutritional security through processing and preservation of fruits and vegetables	01	01									20
Shahdol	Use of Linseed for human health	01	01									20
Shahdol	Nutritional benefits of soybean and its usage in daily diet	01	01									20
Shahdol	Nutritional importance of Quinoa for tribal farmers	01	01									20
Shahdol	Nutritive Benefits of Traditional foods	01	01									20
Shahdol	Nutritive Benefits of Traditional foods	01	01									20
Shahdol	Designing of high calorie high protein diet for school going children	01	01									20

4. Extension Activities to be proposed in Nutri Smart Village

Name of KVK	Activity	No. of activities	SC		ST		Other		Officials		Total
			M	F	M	F	M	F	M	F	
Shahdol	Awareness creation on sanitation and hygiene during Swachhta Pakhwada	02									60
Shahdol	Health Awareness Camp	02									40
Shahdol	Poshan Pathshala	04									80
Shahdol	Adolscent Girl Day	01									20
Shahdol	Plantation programme.	02									40
Shahdol	Krishak Sangosthi	04									80
Shahdol	World Food Day	01									20
Shahdol	Krishak Mahila Diwas	01									20

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

Name of the KVK	
TITLE	
Introduction	
KVK intervention	
Output	
Outcome	
Impact	

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

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