

ANNUAL PROGRESS REPORT

January 2019 to December 2019

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Instructions for Filling the Format

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

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

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	35	175	
	On Going OFT	11	55	
	Technologies assessed (Completed OFT)	24	120	
	Technologies refined	2	10	
	On farm trials conducted	24	120	
2	Frontline demonstrations			
	Proposed Frontline demonstrations			
	On Going Frontline demonstrations			
	FLDs conducted on crops			
	Area under crops (ha.)			
	FLD on farm implement and tools			
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)			
	FLD on Fisheries - Finger lings			
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)			
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)			
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	70	1	1264
	Farm women	19	1	398
	Rural youth	2	01	15
	Extension personnel/ In service	5	1	40
	Vocational trainings	4	7 to 90	18
	Sponsored Training	1	1	50
	Total	101		1785
		No. of programmes	Participants	
4	Extension Programmes	1314	6900	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)			
	Planting material produced (nos.)	7500	15	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)			
	Milk Yield - Cow, Buffelo etc. (in liter)	17560		
	Fish (Kg.)			
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			
	Ducks (nos.)			
	Chicks etc. (nos.)			
7	Bio Products	Qty	Beneficiaries (nos.)	

	Bio Agents -Earth worm (Kg.)		
	Trichoderma (kg.)		
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorrizza , Azotobacter , Azospirillum etc. (Kg.)	450	450
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)		
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)	4	4
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	3363	NA
	KVK News letter	1	1600
	SAC Meetings conducted	1	30
	Soil sample tested	123	123
	Water sample tested		
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)		
	KVK-KMA (Message and beneficiaries)	67	2576108
	Convergence programmes	1	176
	Sponsored programmes	1	50
	KVK Progressive Farmers interaction	3	3
	No. of Technology Week Celebrations		
	Attended HRD activities organized by ZPD	2	2
	Attended HRD activities organized by DES		
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	2	2
9	Current status of Revolving Funds (Amt. in Rs.)	1,27,518.46/	
10		No. of blocks	No. of villages
	Outreach of KVK in the District	7	927
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)	1	6 5
12		Working (Yes/No)	No. of Update
	Status of KVK Website	yes	41
13		Application received	Application disposed
	Status of RTI (nos.)	0	0
14		Query received	Query dissolved
	Citizen Charter (nos.)		
15		Filled	Vacant
	Staff Position	13	03
16	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	2	
17	Publication received from ICAR /other organization (nos.)		
18		Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	Tuta absoluta in Tomato & fall army worm in Maze	DES & ATARI
19	Activities performed in Sansad Adarsh Gram	Nos. of Activities	Participants/ beneficiaries
		NIL	
20	Current status of Contingency (Amt. in Rs.)	691105/-	

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on December, 2019

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Hoshangabad	16	1	0	6	6	4	4	5	3	16	13

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Category
	Sr. Scientist & Head	VACANT							
Hoshangabad	SMS/ Scientist 1	Shri Brajesh Kumar Namdev	Plant Protection	M.Sc.	Agriculture Entomology	15600-39100+5400 Grade Pay		01.03.2018	Temporary
Hoshangabad	SMS/ Scientist 2	Dr. Sanjeev Kumar Garg	Agriculture Extension	Phd	Agriculture Extension	15600-39100+5400 Grade Pay		05.03.2018	Temporary
Hoshangabad	SMS/ Scientist 3	DrDevidas Patel	Plant Breeding and Genetics	Phd	Plant Breeding and Genetics	15600-39100+5400 Grade Pay		05.03.2018	Temporary
Hoshangabad	SMS/ Scientist 4	ShriLavesh Kumar Chourasia	Horticulture	M.Sc.	Horticulture-Vegetable Science	15600-39100+5400 Grade Pay		09.03.2018	Temporary
Hoshangabad	SMS/ Scientist 5	Dr. AkanchhhaPandey	Home Science	Phd	Home Science	15600-39100+5400 Grade Pay		15.03.2018	Temporary
Hoshangabad	SMS/ Scientist 6	Dr. DiwakarVerma	Livestock Production and Management	M.Sc.	Livestock Production and Management	15600-39100+5400 Grade Pay		13.04.2018	Temporary
Hoshangabad	Programme Assistant	Dr. Praveen Solanki	Environmental Science	Phd	B.Sc. Agriculture	9300-34800+ Grade Pay 4200		13.03.2018	Temporary
Hoshangabad	Farm Manager	ShriPankaj Sharma	Agriculture Extension	M.Sc.	M.Sc. Agriculture	9300-34800+ Grade Pay 4200		09.03.2018	Temporary
Hoshangabad	Computer Programmer	Shri Rahul Majhi	Graduation	BE	B.E- IT	9300-34800+ Grade Pay 4200		05.03.2018	Temporary

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specilization	Pay scale	Present pay	Date of joining	Category
Hoshangabad	Accountant / superintendent	Shri Vikas Mohrarir	Post Graduation		MBA	9300-34800+ Grade Pay 4200		01.03.2018	Temporary
	Stenographer	VACANT							
Hoshangabad	Driver	Shri Omkarsingh Rajput	Graduation		Driver	5200-20200+ Grade Pay 2000		03.08.2018	Temporary
	Driver	VACANT							
Hoshangabad	Supporting staff, if any	Shri Jitendra Kumar Jain	Graduation		Skill Support	5200-20200+ Grade Pay 1800		15.03.2018	Temporary
Hoshangabad	Supporting staff, if any	Shri PiyushJha	Graduation		Skill Support	5200-20200+ Grade Pay 1800		05.08.2018	Temporary

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
KVK Hoshangabad	Central Narmada Valley	7	424	12,40,975	810,644	402307	136223	2.38

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)
KVK Hoshangabad	Tindwada	2018-19	Bankhedi	5 kms	1162	132
KVK Hoshangabad	Kothri	2018-19	Bankhedi	16 kms	1030	48
KVK Hoshangabad	Chakar	2018-19	Pipariya	60 kms	290	141
KVK Hoshangabad	Jasarwani	2018-19	Bankhedi	16 kms	1105	273
KVK Hoshangabad	Chatter	2018-19	Bankhedi	16 kms	455	71

1.4. THRUST AREAS identified by KVK

KVK Name	THRUST AREA
KVK Bankhedi	Organic Farming
KVK Bankhedi	Employment generation
KVK Bankhedi	Resource base Livelihood
KVK Bankhedi	Milch animal based production system
KVK Bankhedi	Nutritional security for farm women & children

1.5. PROBLEM IDENTIFIED by KVK

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
KVK Bankhedi	High seed rate and low yield of rice	Filed visit ,RRA, meeting with agriculture & allied department officers	Paliyapipariya, Malahnwada, Machera, Paraswada, khapa
KVK Bankhedi	Waterlogging during August affects pigeon pea growth and yield	Filed visit ,RRA, meeting with agriculture & allied department officers	Junehta , anhai, vijanhai
KVK Bankhedi	Large scale incidence of Khaira disease reduce rice yield	Filed visit ,RRA, meeting with agriculture & allied department officers	Kamti , murgidhana, bankhedi
KVK Bankhedi	Comparative nutritive value of vermicompost prepared from different bio-waste is not known	Filed visit ,RRA, meeting with agriculture & allied department officers	Dumar,dharawpadaw, dangarhai
KVK Bankhedi	Heavy incidence of sucking insect pest in nursery leads to weak plants and carry pests to main field	Filed visit ,RRA, meeting with agriculture & allied department officers	Tindwada, kalkuhi, surela
KVK Bankhedi	Low yield in rice due to heavy infestation of Stem borer	Filed visit ,RRA, meeting with agriculture & allied department officers	Paliyapipariya, Malahnwada, Machera, Paraswada, khapa
KVK Bankhedi	Low yield of pigeon pea due to attack of pod borer complex	Filed visit ,RRA, meeting with agriculture & allied department officers	Junehta , anhai, vijanhai
KVK Bankhedi	Backyard is not utilized for an economic activity by resource poor small and marginal farmwomen	Filed visit ,RRA, meeting with agriculture & allied department officers	Kamti , murgidhana, bankhedi
KVK Bankhedi	Poor nutritional status of marginal farmwomen due to low vegetable intake	Filed visit ,RRA, meeting with agriculture & allied department officers	Paliyapipariya, Malahnwada, Machera, Paraswada, khapa
KVK Bankhedi	Prevalence of anaemia among lactating mothers	Filed visit ,RRA, meeting with agriculture & allied department officers	Junehta , anhai, vijanhai
KVK Bankhedi	Extended postpartum anoestrous and repeat breeding among milch cattle is a common problem	Filed visit ,RRA, meeting with agriculture & allied department officers	Kamti , murgidhana, bankhedi
KVK Bankhedi	Low yield in milk due to high worm load	Filed visit ,RRA, meeting with agriculture & allied department officers	Dumar,dharawpadaw, dangarhai
KVK Bankhedi	Lack of technical knowledge among farmers about SRI technology	Filed visit ,RRA, meeting with agriculture & allied department officers	Tindwada, kalkuhi, surela
KVK Bankhedi	Low yield due to use of old variety	Filed visit ,RRA, meeting with agriculture & allied department officers	Paliyapipariya, Malahnwada, Machera, Paraswada, khapa

KVK Bankhedi	Low yield due to use of old variety	Filed visit ,RRA, meeting with agriculture & allied department officers	Junehta , anhai, vijanhai
KVK Bankhedi	Low milk yield due to imbalance feed management	Filed visit ,RRA, meeting with agriculture & allied department officers	Kamti , murgidhana, bankhedi
KVK Bankhedi	Low plant population due severe incidence of wilt reduces the yield of chickpea	Filed visit ,RRA, meeting with agriculture & allied department officers	Dumar,dharawpadaw, dangarhai
KVK Bankhedi	Low yield of chickpea due to attack of gram borer	Filed visit ,RRA, meeting with agriculture & allied department officers	Tindwada, kalkuhi, surela
KVK Bankhedi	Low yield of Tomato due to Leaf Curl Virus and Early blight	Filed visit ,RRA, meeting with agriculture & allied department officers	Paliyapipariya, Malahnwada, Machera, Paraswada, khapa
KVK Bankhedi	Low economic return due to lack of knowledge about improved variety	Filed visit ,RRA, meeting with agriculture & allied department officers	Junehta , anhai, vijanhai
KVK Bankhedi	Poor growth of local breed in Backyard	Filed visit ,RRA, meeting with agriculture & allied department officers	Kamti , murgidhana, bankhedi
KVK Bankhedi	Poor growth of children of landless farmer due to non availability of milk	Filed visit ,RRA, meeting with agriculture & allied department officers	Paliyapipariya, Malahnwada, Machera, Paraswada, khapa
KVK Bankhedi	Low milk production due to unavailability of green fodder	Filed visit ,RRA, meeting with agriculture & allied department officers	Junehta , anhai, vijanhai
KVK Bankhedi	Lack of technical knowledge among farmers about residue management	Filed visit ,RRA, meeting with agriculture & allied department officers	Kamti , murgidhana, bankhedi
KVK Bankhedi	Low yield due to use of old variety	Filed visit ,RRA, meeting with agriculture & allied department officers	Dumar,dharawpadaw, dangarhai
KVK Bankhedi	Less yield of Green gram due to imbalance use of nutrient	Filed visit ,RRA, meeting with agriculture & allied department officers	Tindwada, kalkuhi, surela
KVK Bankhedi	Area under Black gram reduced drastically due to Incidence of YMV	Filed visit ,RRA, meeting with agriculture & allied department officers	Paliyapipariya, Malahnwada, Machera, Paraswada, khapa
KVK Bankhedi	April to July interspace between rows of sugarcane remains unutilized	Filed visit ,RRA, meeting with agriculture & allied department officers	Junehta , anhai, vijanhai

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 m2
	tillers/plant
	water inefficiency
	irrigation efficiency
OFT/FLD on Animal Science	
Animal Feed / Fodder Management	Milk yield (Lit/day/animal)
Animal Disease Management	Change in body weight(kg)
Animal Nutrition Management	Egg Production/bird/year
Livestock production & management	% decrease in Worm
Animal breed evaluation	Parasite control (%)
Poultry Production and management	Body weight at 6 month (kg/goat)
	Parasite infestation (%)
	Live weight (kg/bird) at 3 Month
	Growth Rate (90 days)
	Yield q/ha (Fodder)
	Mortality %
	Feed intake(%)
	Disease infestation(%)
OFT/FLD on Fisheries	
Fingerling Production in Seasonal Ponds	Yield (q/ha)
Composite Fish Farming	Yield (q/ha), ABW (kg)
Fish Nutrition	Survival Rate (%)
Fish-cum-Duck Farming	Disease incidence (%)
Fish Production & Management	
Fish Breeding	
Fish Seed Production	
Spawn to fry production	
Integrated Farming System	

2.1.1 Information about OFT:

Title of on-farm trial:	Assessment of HYV variety Arka Rakshak. of Tomato
Year/Season:	2018-19
Farming situation:	irrigated
Problem diagnosis:	Low yield of Tomato due to Leaf Curl Virus and Early blight
Thematic area:	Varietal Evaluation
No of trials:	5
No. of farmers involved	5
Type of OFT (/ Refinement):	Assesment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	use of local variety of tomato
T2 –Recommended Practice-	Arka rakshak of Tomato resistant of leaf curl
T3- Recommended Practice-	Nil
Date of sowing:	October 2018
Date of harvesting:	April 2019
Source of technology:	IIHR bangalore
Characteristics of technology:	Triple disease resistant variety
Name of Crop/Enterprises:	Tomato
Recommendations for Farmers	Farmers should sow this variety in Rabi season to get higher yield and additional income
Recommendations for Deptt. Personnel	Farmers should sow this variety in Rabi season to get higher yield and additional income
Feedback	Farmers should sow this variety in Rabi season to get higher yield and additional income

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/ha	Yield q/ha	60,000	1.44.500	84,500	2.4
T2(Recommended Practice)	Yield q/ha	Yield q/ha	60,000	2.03,500	1,43,500	3.39
T3(Recommended Practice)	-	-	-	-	-	-

2.1.2 Information about OFT:

Title of on-farm trial:	Assessment of Improved Variety of Cabbage Pusa Mukta
Year/Season:	2018-19
Farming situation:	irrigated
Problem diagnosis:	Low economic return due to lack of knowledge about improved variety
Thematic area:	Varietal Evaluation
No of trials:	5
No. of farmers involved	5
Type of OFT (/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	use of local variety of cabbage
T2 –Recommended Practice-	Pusa Mukta of cabbage
T3- Recommended Practice-	Nil
Date of sowing:	October 2018
Date of harvesting:	April 202019
Source of technology:	Pusa New Delhi
Characteristics of technology:	Highly yielding variety
Name of Crop/Enterprises:	Cabbage
Recommendations for Farmers	Farmers should grow improved variety of cabbage to get additional income
Recommendations for Deptt. Personnel	Farmers should grow improved variety of cabbage to get additional income
Feedback	Farmers should grow improved variety of cabbage to get additional income

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/ha	Yield q/ha	46,000	1,38,400	92,200	3
T2(Recommended Practice)	Yield q/ha	Yield q/ha	46,000	1,93,600	1,47,600	4.2
T3(Recommended Practice)	-	-	-	-	-	-

2.1.3 Information about OFT:

Title of on-farm trial:	Assessment of Coriander for leaves as intercrop in sugarcane
Year/Season:	2019/Jayad
Farming situation:	irrigated
Problem diagnosis:	April to July interspace between rows of sugarcane remains unutilized
Thematic area:	Integrated Farming System
No of trials:	1
No. of farmers involved	5
Type of OFT (/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Inter space between rows of sugarcane is unutilized
T2 –Recommended Practice-	Sowing of Coriander for green leaves in the second week of March. The moisture and shade will promote coriander growth for leaves for harvest in April- July when the prices are Rs80/kg
T3- Recommended Practice-	-
Date of sowing:	March 2019
Date of harvesting:	July 2019
Source of technology:	IIHR Bangalore
Characteristics of technology:	High Yielding Variety
Name of Crop/Enterprises:	Coriander
Recommendations for Farmers	Farmers Should sow Coriander Inter space between rows of sugarcane
Recommendations for Deptt. Personnel	Farmers Should sow Coriander Inter space between rows of sugarcane
Feedback	Farmers Should sow Coriander Inter space between rows of sugarcane

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)	Inter space between rows of sugarcane is unutilized	-	-	-	-	-
T2(Recommended Practice)	Sowing of Coriander for green leaves in the second week of March.	q/ha	32,000	85,600	53,600	2.675
T3(Recommended Practice)						

2.1.4 Information about OFT:

Title of on-farm trial:	Assessment of Bottle gourd, Sponge gourd, Bitter gourd in backyard for additional income
Year/Season:	2019/Kharif
Farming situation:	irrigated
Problem diagnosis:	Backyard is not utilized for an economic activity by resource poor small and marginal farmwomen
Thematic area:	Crop Diversification
No of trials:	1
No. of farmers involved	5
Type of OFT (/ Refinement):	Refinement (Last year only Sponge gourd taken this year 2 extra crop added)
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	No vegetable production for sale
T2 –Recommended Practice-	Assessment of sponge gourd, Bottle gourd & Bitter gourd in backyard for additional income
T3- Recommended Practice-	-
Date of sowing:	July 2019
Date of harvesting:	October 2019
Source of technology:	IIVR Varanasi
Characteristics of technology:	High yielding variety
Name of Crop/Enterprises:	Bottle Gourd, Sponge Gourd & Bitter Gourd
Recommendations for Farmers	Farmers should do sowing of cucurbits in rainy season to get additional income
Recommendations for Deptt. Personnel	Farmers should do sowing of cucurbits in rainy season to get additional income
Feedback	Farmers should do sowing of cucurbits in rainy season to get additional income

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)	No vegetable production for sale	q/ha	-	-	-	-
T2(Recommended Practice)	Sowing of cucurbits in backyard for additional income	q/ha	42000	123940	81940	2.95
T3(Recommended Practice)	-	-	-	-	-	-

2.1.5 Information about OFT:

Title of on-farm trial:	Assessment of soil test based nutrient management in Green gram
Year/Season:	2019-20, Summer
Farming situation:	Irrigated
Problem diagnosis:	Less yield of Green gram due to imbalance use of nutrients
Thematic area:	SFM
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment / Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Imbalance application of fertilizers
T2 –Recommended Practice-	Application of nutrients on soil test basis
T3- Recommended Practice-	Nil
Date of sowing:	15/04/2019
Date of harvesting:	18/06/2019
Source of technology:	IISS, Bhopal
Characteristics of technology:	Soil test based application of fertilizers to increase the yield of Green gram
Name of Crop/Enterprises:	Green gram
Recommendations for Farmers	Soil test based nutrient management increases yield and reduces cost of cultivation
Recommendations for Deptt. Personnel	Soil test based nutrient management increases yield and reduces cost of cultivation
Feedback	Farmers should follow INM concept based on soil testing report

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/ha	35155	84676.5	49521.5	2.41
T2(Recommended Practice)	Yield	Q/ha	36500	106438.5	69938.5	2.92
T3(Recommended Practice)						

2.1.6 Information about OFT:

Title of on-farm trial:	Assessment of soil test based application of Zinc Sulphate in rice for management of Khara disease
Year/Season:	2019-20, Kharif
Farming situation:	Rainfed
Problem diagnosis:	Large scale incidence of Khaira disease reduce rice yield
Thematic area:	SFM
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment / Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	No application of Zinc
T2 –Recommended Practice-	Basal application of Zinc based on soil test in the form of Zinc Sulphate
T3- Recommended Practice-	Nil
Date of sowing:	11/07/2019
Date of harvesting:	05/11/2019
Source of technology:	IISS, Bhopal
Characteristics of technology:	Soil test based application of fertilizers to increase the yield and reduces the incidence of Khaira disease in rice
Name of Crop/Enterprises:	Rice
Recommendations for Farmers	Soil test based nutrient management increases yield and reduces cost of cultivation
Recommendations for Deptt. Personnel	Soil test based nutrient management increases yield and reduces cost of cultivation
Feedback	Farmers should follow INM concept based on soil testing report

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/ha	58858	136190	77332	2.31
T2(Recommended Practice)	Yield	Q/ha	60550	153900	93350	2.54
T3(Recommended Practice)						

2.1.7 Information about OFT:

Title of on-farm trial:	Assessment of soil test based nutrient management in transplanted rice through ammonium sulphate
Year/Season:	2019-20, Kharif
Farming situation:	Rainfed
Problem diagnosis:	Application of nutrient in the form of DAP in transplanted rice
Thematic area:	SFM
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment / Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Application of nutrient in the form of DAP in transplanted rice
T2 –Recommended Practice-	Soil test based nutrient management in transplanted rice through ammonium sulphate
T3- Recommended Practice-	Nil
Date of sowing:	13/07/2019
Date of harvesting:	16/11/2019
Source of technology:	IISS, Bhopal
Characteristics of technology:	Soil test based application of fertilizers to increase the yield of rice
Name of Crop/Enterprises:	Rice
Recommendations for Farmers	Soil test based nutrient management increases yield and reduces cost of cultivation
Recommendations for Deptt. Personnel	Soil test based nutrient management increases yield and reduces cost of cultivation
Feedback	Farmers should follow INM concept based on soil testing report

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/ha	59710	138700	78990	2.32
T2(Recommended Practice)	Yield	Q/ha	61250	151600	90350	2.48
T3(Recommended Practice)						

2.1.8 Information about OFT:

Title of on-farm trial:	Assessment of soil test based nutrient management in Pigeon pea
Year/Season:	2019-20, Kharif
Farming situation:	Rainfed
Problem diagnosis:	Less yield of Pigeon pea due to imbalance use of nutrients
Thematic area:	SFM
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment / Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Imbalance application of fertilizers
T2 –Recommended Practice-	Application of nutrients on soil test basis
T3- Recommended Practice-	Nil
Date of sowing:	05/07/2019
Date of harvesting:	09/12/2020
Source of technology:	IISS, Bhopal
Characteristics of technology:	Soil test based application of fertilizers to increase the yield of pigeon pea
Name of Crop/Enterprises:	Pigeon pea
Recommendations for Farmers	Soil test based nutrient management increases yield and reduces cost of cultivation
Recommendations for Deptt. Personnel	Soil test based nutrient management increases yield and reduces cost of cultivation
Feedback	Farmers should follow INM concept based on soil testing report

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/ha	34766	63289.6	28523.6	1.82
T2(Recommended Practice)	Yield	Q/ha	35300	86582.4	51282.4	2.45
T3(Recommended Practice)						

2.1.9 Information about OFT:

Title of on-farm trial:	Assessment of Improved JR-81 variety of rice (under rice-wheat cropping system)
Year/Season:	2019-20, kharif
Farming situation:	Irrigated
Problem diagnosis:	High seed rate and long duration varieties of rice
Thematic area:	CP
No of trials:	05
No. of farmers involved	05
Type of OFT (/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmers practice(High seed rate in nursery raising of rice)
T2 –Recommended Practice-	Transplanting of 15-18 days old seedling at 25x25cm P-P&R-R distance High yielding variety JR-81 (matures in 100-110 days, yield 50-55q/ha)
T3- Recommended Practice-	Nutrient application through Ammonium phosphate on soil test basis
Date of sowing:	12/07/2019 (Transplanting Date)
Date of harvesting:	25/10/2019
Source of technology:	JNKVV
Characteristics of technology:	Early Maturity, Multi disease Resistance
Name of Crop/Enterprises:	Rice
Recommendations for Farmers	Seed treatment with Fungicide and transplanting of 15-18 day old seedling,
Recommendations for Deptt. Personnel	
Feedback	Resistance against sheath blight and suitable under Rice-wheat-green gram cropping system

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/ha	46.2qt	56600	115500	34000	2.04
T2(Recommended Practice)	Yield/ha	52.7qt	52450	131750	50400	2.51
T3(Recommended Practice)						

2.1.10 Information about OFT:

Title of on-farm trial:	Assessment of ridge and furrow planting method in pigeon pea under water logging condition (under Pigeon pea-wheat cropping system)
Year/Season:	2019-20 Kharif
Farming situation:	Irrigated
Problem diagnosis:	Water logging during August affects pigeon pea growth and yield
Thematic area:	CP
No of trials:	05
No. of farmers involved	05
Type of OFT (/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmers practice (broadcast sowing of pigeon pea in June by after harvesting of summer moong, water logged condition in the month August due to rain seriously affect plant population)
T2 –Recommended Practice-	Sowing of treated pigeon pea seed by Ridge and furrow method in July
T3- Recommended Practice-	Nutrient management on soil test basis
Date of sowing:	07/07/2019
Date of harvesting:	17/12/2019
Source of technology:	
Characteristics of technology:	Crop survive under water logged condition, high yield due to Maintain population and more number of podding and grain formation
Name of Crop/Enterprises:	Pigeon pea
Recommendations for Farmers	Made of Ridge and furrow,
Recommendations for Deptt. Personnel	
Feedback	Control of water logging conation and good crop quality

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/ha	11.038	35198	62640.65	27442.65	1.78
T2(Recommended Practice)	Yield/ha	18.428	35940	104578.9	68638.9	2.91
T3(Recommended Practice)						

2.1.11 Information about OFT:

Title of on-farm trial:	Assessment of Intercropping of Pigeonpea with Greengram Crop in Irrigated Black Soil
Year/Season:	2019-20 kharif
Farming situation:	Irrigated
Problem diagnosis:	Loss in yield due to Abiotic stress condition
Thematic area:	CP
No of trials:	05
No. of farmers involved	05
Type of OFT (/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	No Intercropping Practice
T2 –Recommended Practice-	Intercropping of Pigeonpea with Greengram (2:4)
T3- Recommended Practice-	Nutrient management on soil test basis
Date of sowing:	10/07/2019
Date of harvesting:	Green gram 12/07/2019 and Pigeon pea 15/12/2019
Source of technology:	
Characteristics of technology:	Using intercropping farmers can get addition income and Reduce risk due to A biotic stress condition
Name of Crop/Enterprises:	Pigeon pea
Recommendations for Farmers	Intercropping of pigeon pea and green gram
Recommendations for Deptt. Personnel	
Feedback	Get addition income due to intercropping

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/ha	0	0	0	0	0
T2(Recommended Practice)	Yield/ha	Pigeon pea=12.2 Green gram =8	39400	126560	87160	3.21
T3(Recommended Practice)						

2.1.12 Information about OFT:

Title of on-farm trial:	Assessment of Improved JW 3288 variety of wheat (under rice-wheat cropping system)
Year/Season:	2018-19, Rabi
Farming situation:	Irrigated
Problem diagnosis:	Low yield due to use of old variety
Thematic area:	CP
No of trials:	05
No. of farmers involved	05
Type of OFT (/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmers practice (use of old varieties of wheat)
T2 –Recommended Practice-	Use of Improved JW-3288 of Wheat
T3- Recommended Practice-	Nil
Date of sowing:	15/11/2018
Date of harvesting:	16/03/2019
Source of technology:	JNKVV
Characteristics of technology:	Suitable under Restricted irrigation condition, Bold grain, non lodging and non shattering, resistant to rust
Name of Crop/Enterprises:	Wheat
Recommendations for Farmers	100 kg seeds/ha
Recommendations for Deptt. Personnel	
Feedback	Good under Restricted irrigation condition and resistant to rust

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/ha	46.396	30509.2	85000.64	54491.44	2.79
T2(Recommended Practice)	Yield/ha	50.444	29892	92816.96	62924.96	3.11
T3(Recommended Practice)						

2.1.13 Information about OFT:

Title of on-farm trial:	Farmers practice (use of old variety of chickpea)
Year/Season:	2018-19 (Rabi)
Farming situation:	Irrigated
Problem diagnosis:	Low yield due to use of old variety
Thematic area:	CP
No of trials:	05
No. of farmers involved	05
Type of OFT (/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmers practice (use of old varieties)
T2 –Recommended Practice-	RVGK-101 chickpea (yield 18-20q/ha)
T3- Recommended Practice-	Nil
Date of sowing:	12/11/2018
Date of harvesting:	22/02/2019
Source of technology:	RVSKVV, Gwalior
Characteristics of technology:	Large seeded kabuli, early maturing, moderately resistant to wilt.
Name of Crop/Enterprises:	Chickpea
Recommendations for Farmers	Seed treatment with Bio fertilizer,
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/ha	15.18	22500	75900	53400	3.37
T2(Recommended Practice)	Yield/ha	18.44	21501	92200	70699	4.29
T3(Recommended Practice)						

2.1.14 Information about OFT:

Title of on-farm trial:	Assessment of Improved variety MH-421 of Green gram
Year/Season:	2018-19 (Summer)
Farming situation:	Irrigated
Problem diagnosis:	Low yield due to use of old variety
Thematic area:	CP
No of trials:	05
No. of farmers involved	05
Type of OFT (/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmers practice (use of old varieties)
T2 –Recommended Practice-	MH-421 of Green gram (yield 12-15 q/ha)
T3- Recommended Practice-	
Date of sowing:	20/04/2019
Date of harvesting:	22/06/2019
Source of technology:	CCS HARYANA AGRICULTURAL UNIVERSITY, HISAR
Characteristics of technology:	High yield (10-12 q/ha) and resistance to green gram yellow-mosaic virus disease, Early maturing (60 days)
Name of Crop/Enterprises:	Green gram
Recommendations for Farmers	20kg seeds/ha, Seed treatment with Fungicide
Recommendations for Deptt. Personnel	
Feedback	Early maturity, Spontaneous Maturity, Suitable under Rice-Wheat-Green gram Cropping system

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/ha	10.75	22270	74981.25	52711.25	3.37
T2(Recommended Practice)	Yield/ha	13.7	21550	95557.5	74007.5	4.43
T3(Recommended Practice)						

2.1.15 Information about OFT:

Title of on-farm trial:	Assessment of <i>Trichoderma viride</i> for wilt management in chickpea
Year/Season:	2018-19 Rabi
Farming situation:	Irrigated
Problem diagnosis:	Low plant population due severe incidence of wilt reduces the yield of Pigeon pea
Thematic area:	PLP
No of trials:	5
No. of farmers involved	5
Type of OFT	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmers practice (No use of <i>Trichoderma viride</i>)
T2 –Recommended Practice-	Soil application of FYM enriched <i>T. viride</i> (@5 kg/q FYM) before last ploughing followed by sowing of seed treated chickpea with <i>T viride</i> @10g/kg
T3- Recommended Practice-	-
Date of sowing:	November2018
Date of harvesting:	March 2019
Source of technology:	JNKVV 2015
Characteristics of technology:	<i>Trichoderma viride</i> are effective for wilt management
Name of Crop/Enterprises:	Chickpea
Recommendations for Farmers	Farmers should use of <i>T. viride</i> for soil as well as seed treatment for wilt management
Recommendations for Deptt. Personnel	Department should promote use of <i>T. viride</i> for soil as well as seed treatment for wilt management
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/ha	30907	45830.4	14923.4	1.48
T2(Recommended Practice)	Yield	q/ha	32067	64957.2	32890.2	2.02
T3(Recommended Practice)						

2.1.16 Information about OFT:

Title of on-farm trial:	Assessment of IPM module for management of gram pod borer in chickpea
Year/Season:	2018-19 Rabi
Farming situation:	Irrigated
Problem diagnosis:	Low yield of chickpea due to attack of gram borer
Thematic area:	PLP
No of trials:	5
No. of farmers involved	5
Type of OFT	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmer practice (indiscriminate use of Insecticide)
T2 –Recommended Practice-	installation of bird perches @ 50/h, Pheromone trap @ 12/h, need based spray of insecticide
T3- Recommended Practice-	
Date of sowing:	October 2018
Date of harvesting:	March 2019
Source of technology:	JNKVV 2015
Characteristics of technology:	Pheromone trap are effective tool for monitoring and mating disturbance also help in reducing population of Gram pod borer
Name of Crop/Enterprises:	Chickpea
Recommendations for Farmers	Farmer should install bird perches @ 50/h and Pheromone trap @ 12/h, need based spray of insecticide
Recommendations for Deptt. Personnel	Department should promote integrated pest management
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/ha	33179.6	63663.6	30484	1.92
T2(Recommended Practice)	Yield	q/ha	32293.6	76599.6	44306	2.4
T3(Recommended Practice)						

2.1.17 Information about OFT:

Title of on-farm trial:	Assessment of Technology For management of YMV in Greengram
Year/Season:	2019 Summer
Farming situation:	Irrigated
Problem diagnosis:	Heavy incidence of Whitfly causing YMV and indiscriminate use of Insecticide
Thematic area:	PLP
No of trials:	5
No. of farmers involved	5
Type of OFT	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	sowing without seed treatment
T2 –Recommended Practice-	Seed treatment (Thiomethaxam 4 g/kg + Yellow sticky trap (10 trap/acre)
T3- Recommended Practice-	
Date of sowing:	07/04/2019
Date of harvesting:	28/05/2019
Source of technology:	JNKVV 2015
Characteristics of technology:	Seed treatment are very effective for sucking insect pest management and Yellow sticky trap are eco-friendly tool for whitefly management that reduce the application of insecticide.
Name of Crop/Enterprises:	Greengram
Recommendations for Farmers	Farmers must done Seed treatment with Thiomethaxam 4 g/kg of seed and instal Yellow sticky trap (10 trap/acre)
Recommendations for Deptt. Personnel	Department ensure seed showing done after seed treatment and replicate the technology by field demonstration.
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/ha	25030	51128	26098	1.56
T2(Recommended Practice)	Yield	q/ha	30100.8	69135	39034.20	2.30
T3(Recommended Practice)	-	-	-	-	-	-

2.1.18 Information about OFT:

Title of on-farm trial:	Assessment of insecticides as seed treatment, in Rice for management of sucking insect pests in nursery
Year/Season:	2019 Kharif
Farming situation:	Irrigated
Problem diagnosis:	Heavy incidence of sucking insect pest in nursery leads to weak plants and carry pests to main field
Thematic area:	PLP
No of trials:	7
No. of farmers involved	7
Type of OFT	Assessment
Details of technology selected for assessment	
T1 – Farmers Practice-	Farmers practice (no insect pest management in nursery)
T2 –Recommended Practice-	Seed treatment with Imidaclorpid @ 2ml/kg seed
T3- Recommended Practice-	-
Date of sowing:	June 2019
Date of harvesting:	October 2019
Source of technology:	JNKVV 2015
Characteristics of technology:	Seed treatment are very effective for management of nursery insect pest
Name of Crop/Enterprises:	Rice
Recommendations for Farmers	Farmers should done seed sowing after Seed treatment with Imidaclorpid 2ml/kg seed
Recommendations for Deptt. Personnel	Replicate the technology by field demonstrations
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/ha	52710	90160.71	37450.71	1.71
T2(Recommended Practice)	Yield	q/ha	53880	98611.61	44731.61	1.83
T3(Recommended Practice)						

2.1.19 Information about OFT:

Title of on-farm trial:	Assessment of Pheromone traps for management of stem borer in irrigated rice
Year/Season:	2019 Kharif
Farming situation:	Irrigated
Problem diagnosis:	Low yield in rice due to heavy infestation of Stem borer
Thematic area:	PLP
No of trials:	7
No. of farmers involved	7
Type of OFT	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmers practice (No use of Pheromone trap, indiscriminate use of pesticide)
T2 –Recommended Practice-	Pheromone trap 5 mg lure @ 10 trap /acre
T3- Recommended Practice-	-
Date of sowing: /Transplanting	July 2019
Date of harvesting:	November 2019
Source of technology:	IIRR, 2015
Characteristics of technology:	Pheromone trap are effective tool for monitoring and mating disturbance also help in reducing population of stem borer
Name of Crop/Enterprises:	Rice
Recommendations for Farmers	Farmers should install Pheromone trap @ 25 trap /ha and need based spray of Insecticide
Recommendations for Deptt. Personnel	Training and Demonstrations of technology under FLD
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/ha	58257.14	131321.43	73064.29	1.25
T2(Recommended Practice)	Yield	q/ha	57512.86	138300	80787.14	2.40
T3(Recommended Practice)						

2.1.20 Information about OFT:

Title of on-farm trial:	Assessment of management of pod borer complex by timely application of insecticides
Year/Season:	2019 Kharif
Farming situation:	Rainfed
Problem diagnosis:	Low yield of pigeon pea due to attack of pod borer complex
Thematic area:	PLP
No of trials:	7
No. of farmers involved	7
Type of OFT	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmer practice (indiscriminate use of insecticides at later stages of incidence)
T2 –Recommended Practice-	timely application of Insecticide Spinosad 45% SC
T3- Recommended Practice-	-
Date of sowing:	July 2019
Date of harvesting:	December 2019
Source of technology:	JNKVV 2014
Characteristics of technology:	Newer insecticide Spinosad 45 SC are highly effective for management of pod borer complex
Name of Crop/Enterprises:	Pigeonpea
Recommendations for Farmers	timely application of Insectide Spinosad 45 SC @ 75 ml/acre
Recommendations for Deptt. Personnel	Demonstrations under FLD
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/ha	23092	45985.71	22893.71	1.99
T2(Recommended Practice)	Yield	q/ha	24403.57	64007.14	39603.57	2.62
T3(Recommended Practice)						

2.1 21 Information about OFT:

Title of on-farm trial:	Assessment of Azolla as feed supplement for improving milk yield in milch cows
Year/Season:	2018-19, Rabi
Farming situation:	Rainfed
Problem diagnosis:	Low milk yield due to imbalance feed management
Thematic area:	LPM
No of trials:	05
No. of farmers involved	05
Type of OFT (/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmers practice (imbalance feed management)
T2 –Recommended Practice-	Feed supplement with Azolla @ 1.5kg/animal/day for 4 month
T3- Recommended Practice-	
Date of sowing:	03/12/2018
Date of harvesting:	Completed
Source of technology:	NDRI, Karnal
Characteristics of technology:	Azolla is good source of Protein so after feeding it milk yield increases and reduces feed cost
Name of Crop/Enterprises:	Dairy
Recommendations for Farmers	Farmer should use daily Feed supplement with Azolla @ 1.5kg/animal/day for better production performances and reduces feeding cost
Recommendations for Deptt. Personnel	Azolla is good source of Protein so we have to suggest each farmer to fed Azolla for better performances
Feedback	After feeding it milk yield increases and reduces feed cost

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 (Lit/day/animal)	3.42	3886	8208	4322	2.112
T2(Recommended Practice)	Milk yield (Lit/day/animal)	3.9	4188	9360	5172	2.235
T3(Recommended Practice)						

2.1 22 Information about OFT:

Title of on-farm trial:	Assessment of production and feeding of hydroponics fodder of maize for dairy animals
Year/Season:	2019-20, Jayad
Farming situation:	Irrigated
Problem diagnosis:	Low milk production due to unavailability of green fodder
Thematic area:	LPM
No of trials:	05
No. of farmers involved	05
Type of OFT (/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmer Practices (no use of green fodder only use of straw)
T2 –Recommended Practice-	Hydroponics maize fodder @ 15 kg/day/animal for 4 month
T3- Recommended Practice-	
Date of sowing:	09/05/2019
Date of harvesting:	Completed
Source of technology:	NDRI, Karnal
Characteristics of technology:	In lean period , scarcity of fodder occurs that condition Hydroponics fodder is very useful to maintain milk yield
Name of Crop/Enterprises:	Dairy
Recommendations for Farmers	For landless farmer, Hydroponics fodder is very useful to maintained milk yield in scarcity period
Recommendations for Deptt. Personnel	We have to suggest for hydroponics fodder grow to that farmer who have high milk yielder animals but no land
Feedback	Hydroponics fodder is very useful to maintain milk yield and reduces feeding cost and no need of land for fodder production

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 (Lit/day/animal)	7.36	22408	35328	12920	1.577
T2(Recommended Practice)	Milk yield (Lit/day/animal)	7.61	22070	36528	14458	1.655
T3(Recommended Practice)						

2.1 23 Information about OFT:

Title of on-farm trial:	Assessment of Ivermectin for Ecto and Endo parasite in Dairy Animals
Year/Season:	2019-20, Kharif
Farming situation:	Rainfed
Problem diagnosis:	Low yield in milk due to high worm load
Thematic area:	LPM
No of trials:	05
No. of farmers involved	05
Type of OFT (/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmer Practices (Deworming of Milch animal is not practice)
T2 –Recommended Practice-	Sub cutaneous injection of Ivermectin @ 1 ml/50 kg body weight of animal and it will repeated 2 times in every two month(4 month) and spray of Butox @ 4ml/ 1lit.of water on the pores of wall in goshala every month
T3- Recommended Practice-	
Date of sowing:	12/07/2019
Date of harvesting:	Completed
Source of technology:	IVRI, Izzatnagar
Characteristics of technology:	It is very useful for reducing ecto and endoparasite in animals
Name of Crop/Enterprises:	Dairy
Recommendations for Farmers	Sub cutaneous injection of Ivermectin @ 1 ml/50 kg body weight of animal and spray of Butox @ 1ml/ 50lit.of water on the pores of wall in goshala every month
Recommendations for Deptt. Personnel	It is very useful for reducing ecto and endoparasite in animals so we have to suggest farmer for using it
Feedback	After using it ,parasite totally die so milk yield increases and improve health performances

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 (Lit/day/animal)	2.36	6252	11328	5076	1.812
T2(Recommended Practice)	Milk yield (Lit/day/animal)	2.7	6354	12960	6606	2.040
T3(Recommended Practice)						

2.1 24 Information about OFT:

Title of on-farm trial:	Assessment of mineral mixture supplementation in daily ration for timely heat
Year/Season:	2019-20, kharif
Farming situation:	Irrigated
Problem diagnosis:	Extended postpartum anoestrous in dairy animals and anoestrous in Heifers is a common problem
Thematic area:	LPM
No of trials:	05
No. of farmers involved	05
Type of OFT (/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmer Practices (Farmer do not supplement mineral mixture in Animals feed)
T2 –Recommended Practice-	Daily feed supplement with Mineral mixture @ 50 g/day for 120 days
T3- Recommended Practice-	
Date of sowing:	16/08/2019
Date of harvesting:	Ongoing
Source of technology:	NDRI, Karnal
Characteristics of technology:	Reduce Anestrous and repeat breeding after supplementation of mineral mixture
Name of Crop/Enterprises:	Dairy
Recommendations for Farmers	Mineral mix. is very useful for timely heat so each farmer have to supplement mineral <u>mix.@50gm/day</u> for each animal
Recommendations for Deptt. Personnel	Mineral mix.is very usefull for timely heat so we have to suggest each farmer for supplementing mineral mix.
Feedback	Reduced Anestrous and repeat breeding after supplementation of mineral mixture and health status improve

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)						
T3(Recommended Practice)						

2.1 25 Information about OFT:

Title of on-farm trial:	Assessment of Azolla as feed supplement for improving milk yield in milch cows
Year/Season:	2019-20, Rabi
Farming situation:	Rainfed
Problem diagnosis:	Low milk yield due to imbalance feed management
Thematic area:	LPM
No of trials:	05
No. of farmers involved	05
Type of OFT (/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Farmers practice (imbalance feed management)
T2 –Recommended Practice-	Feed supplement with Azolla @ 1.5kg/animal/day for 4 month
T3- Recommended Practice-	
Date of sowing:	26/12/2019
Date of harvesting:	Ongoing
Source of technology:	NDRI, Karnal
Characteristics of technology:	Azolla is good source of Protein so after feeding it milk yield increases and reduces feed cost
Name of Crop/Enterprises:	Dairy
Recommendations for Farmers	Farmer should use daily Feed supplement with Azolla @ 1.5kg/animal/day for better production performances and reduces feeding cost
Recommendations for Deptt. Personnel	Azolla is good source of Protein so we have to suggest each farmer to fed Azolla for better performances
Feedback	After feeding it milk yield increases and reduces feed cost

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)						
T3(Recommended Practice)						

2.2.1 Information about Home Science OFT:

Title of on-farm trial:	Assessment of drudgery reduction of farm women during plucking of okra
Year/Season:	jayad
Problem diagnosis:	Women workers faced severe health hazards in picking of Okra A. esculentus in terms of cuts and wounds in hand, hardness of skin, itching, itching, blisters and abrasions.
Thematic area:	woe
No of trials:	5
No. of farmers/farm women involved	5
Type of OFT (Assessment/ Refinement):	assessment
Details of technology selected for assessment: Use of Okra Pluckers for Picking	
T1 – Farmers Practice-	Use of traditional methods (hand picking)
T2 –Recommended Practice-	Use of hand gloves for picking
Source of technology:	
Characteristics of technology:	Easy to Pluck and cuts and protection from wounds in hand, hardness of skin, itching, itching, blisters and abrasions.
Name of Crop/Enterprises:	okara
Farming situation:	irrigated
Date of sowing:	14/4/2019
Date of harvesting:	21/6/2019
Recommendations for Farmers	Farmer should use okra plucker to reduce work load in harvesting
Recommendations for Deptt. Personnel	Farmer should use okra plucker to reduce work load in harvesting
Feedback	Farmer should use okra plucker to reduce work load in harvesting

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

Detail of Technology	Output *	Est. Energy Expenditure kj/min	WHR beat/min	% reduction in drudgery	% increase in efficiency	Cardiac Cost of Work	% Saving of cardiac Cost
T ₁ (Farmers Practices)		6.3	107.2	0	0	31.8	0
T ₂ (Recommended Practices)		8.1	98.3	26.3	63.6	22.3	41.3
T ₃ (Recommended Practices)							

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

2.2.2 Information about Home Science OFT:

Title of on-farm trial:	Assessment of nutritional garden for household nutritional
Year/Season:	kharif
Problem diagnosis:	Poor nutritional status of marginal farm women due to low vegetable intake
Thematic area:	woe
No of trials:	5
No. of farmers/farm women involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment:	
T1 – Farmers Practice-	Farmer grow vegetable non technical way for self consumption only
T2 –Recommended Practice-	We grow vegetable through proper layout and provided high yielding variety from IIVR Varanasi
Source of technology:	livr Varanasi
Characteristics of technology:	High nutritional value
Name of Crop/Enterprises:	vegetable
Farming situation:	Irrigated
Date of sowing:	8to 12june2019
Date of harvesting:	October
Recommendations for Farmers	Good for additional income
Recommendations for Deptt. Personnel	Good for additional income
Feedback	Good for additional income

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

Name of Enterprise : -.....

Detail of Technology	Parameter of enterprise	Production per unit (qt/no/lit)	Average Cost of input (Rs/unit)	Average Gross Return (Rs/unit)	Average Net Return (Rs/unit)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T ₁ (Farmers Practices)	yield	80	50000	80000	30000	1.6
T ₂ (Recommended Practices)	yield	150	50000	150000	100000	3
T ₃ (Recommended Practices)						

2.2.3 Information about Home Science OFT:

Title of on-farm trial:	Assessment of sweet corn variety suger 75 for income generation of farm women					
Year/Season:	201819					
Problem diagnosis:	Low income due to old variety of maize					
Thematic area:	woe					
No of trials:	5					
No. of farmers/farm women involved	5					
Type of OFT (Assessment/ Refinement):	Assessment					
T1 – Farmers Practice-	Farmers growing traditional maize so getting low price					
T2 –Recommended Practice-	Suger 75 sweet corn having good demand so getting higher income					
Source of technology:	Ciae Bhopal					
Characteristics of technology:	High yield good market value					
Name of Crop/Enterprises:	maize					
Farming situation:	Irrigated					
Date of sowing:	7/8/ 2019					
Date of harvesting:	October 13/ 2019					
Recommendations for Farmers	Good for additional income					
Recommendations for Deptt. Personnel	Good for additional income					
Feedback	Good for additional income					
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)	0	0	0	0	0	0
T ₂ (Recommended Practices)	yield	137.5	45000	233,750	188750	5.19
T ₃ (Recommended Practices)						

2.2.4 Information about Home Science OFT:

Title of on-farm trial:	Assessment of backyard poultry for income generation
Year/Season:	201819
Problem diagnosis:	Low income of farm women
Thematic area:	woe
No of trials:	5
No. of farmers/farm women involved	5
Type of OFT (Assessment/ Refinement):	ASSESSMENT
T1 – Farmers Practice-	Rearing of deshi breed so get low income
T2 –Recommended Practice-	Rearing of improved breed [kadaknath] for getting higher income
Source of technology:	KVK jhabua
Characteristics of technology:	Good quality meat and high nutritional value
Name of Crop/Enterprises:	Kadaknath
Farming situation:	rainfed
Date of sowing:	9/2/2019
Date of harvesting:	11/7/2019
Recommendations for Farmers	Rearing of improved breed [kadaknath] for getting higher income
Recommendations for Deptt. Personnel	Rearing of improved breed [kadaknath] for getting higher income
Feedback	Rearing of improved breed [kadaknath] for getting higher income

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)	0	0	0	0	0	0
T ₂ (Recommended Practices)	yield	60	11600	108000	96400	9.31
T ₃ (Recommended Practices)						

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

2.2.5 Information about Home Science OFT:

Title of on-farm trial:	Assessment of finger millet porridge for malnutrition lactating mothers
Year/Season:	201819
Problem diagnosis:	Prevalence of malnutrition among lactating mothers
Thematic area:	woe
No of trials:	5
No. of farmers/farm women involved	5
Type of OFT (Assessment/ Refinement):	assessment
Details of technology selected for assessment:	
T1 – Farmers Practice-	Wheat porridge intake which has low nutrition security
T2 –Recommended Practice-	Finger millet porridge which has high nutrition security
Source of technology:	Ciae Bhopal
Characteristics of technology:	Rich calcium low cost easily prepare
Name of Crop/Enterprises:	Finger millet
Farming situation:	N/A
Date of sowing:	7/2 /2019
Date of harvesting:	12/4/2019
Recommendations for Farmers	Finger millet porridge is easily prepare and low cost nutritional food
Recommendations for Deptt. Personnel	Finger millet porridge is easily prepare and low cost nutritional food
Feedback	Finger millet porridge is easily prepare and low cost nutritional food

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

Detail of Technology	Name of Product/ enterprise	Per capita Consumption gm/ day	Nutrient Intake (Unit)				Anthropometric measurements		
			Energy (kcal)	Protein (gm)	Iron (mg)	Calcium (mg)	Increase in Weight (Kg)	Increase in Height (cm)	BMI ((Weight (Kg)/ Height(in m) * Height(in m)))
T ₁ (Farmers Practices)	0	0	0	0	0	0	0	0	
T ₂ (Recommended Practices)	Finger millet	100	336	7.7	3.9	350	19	25.8	2.09
T ₃ (Recommended Practices)									

2.3.1 Information about Extension OFT:

Title	Effectiveness Social Media ‘Whats-app’ message for Dissemination of crop residue management through Seder in wheat crop
Season & Year	Rabi 2019
Problem identified	Lack of technical knowledge among farmer about crop residue management wheat crop
Thematic Area	ICT
Farming situation	Irrigated
Name of Technology under study	Whats-app
Farmers Practice	Dissemination of agricultural technologies without WhatsApp message
No. of replication (Farmers)	50

Results / findings

Performance indicators	Performance indicators/ Parameter				
	Category			High Frequency	Percentage
Content of the Message	Poor 4 (08%)	Good 6 (12%)	Very good 40 (80%)	40	80.00
Time of the Message sent	Before 26 (52%)	On time 21 (42%)	Delayed 3 (6%)	52	52.00
Visibility of the content	Low 6(12 %)	Medium 5(10 %)	High 39 (78 %)	39	78.00
No. of total message sent	>5 7 (7 %)	5 4 (4 %)	<5 39 (39 %)	78	78.00
Need of the message	No need 4 (8 %)	Partially need 18 (36 %)	Full need 28 (54 %)	28	54.00
Feedback message of farmers	<ol style="list-style-type: none"> 1. Quickly communication and solution 2. Quickly dissemination of information 3. Very easy to group share of information of text, audio, video and image form 			28 24 39	56.00 48.00 78.00

2.3.2 Information about Extension OFT:

Title	Assessment of impact of KMA and Whats app for Cluster Demo. group of farmers of Soybean-chickpea/rice-chickpea-greengram cropping system
Season & Year	2019
Problem identified	Low yield of crop due to no timely technical information in Soybean- chickpea / rice- chickpea-greengram cropping system
Thematic Area	ICT
Farming situation	Irrigated
Name of Technology under study	KMA
Farmers Practice	No timely technical information
No. of replication (Farmers)	100

Performance indicators	Performance indicators/ Parameter (N=100)				High Frequency	Percentage
	Category					
No. of message send (32)	16	22	18	25	88	78.12
Need & time based information was sent	Needful & Timely 89	Needful but Not timely 9	No Needful but timely 12	No Needful & Not timely 15	89	74.16
Understanding of the message	Highly understandable 93	Medium understandable 12	Low understandable 13	Not understandable 7	93	77.5
Applicability of the message	Fully Applicable 88	Medium Applicable 20	Partially Applicable 13	Not Applicable 4	88	73.34

2.3.3 Information about OFT: ENG

Title of on-farm trial:	Management of rice residue for direct sowing of wheat through happy seeder
Year/Season:	Rabi 2018-2019
Farming situation:	Irrigated
Problem diagnosis:	Burning of combine harvested rice stubbles before field preparation affecting wheat productivity by delay sowing
Thematic area:	RCT
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	(burning of rice stubbles and there after field preparation for wheat)
T2 –Recommended Practice-	Direct sowing of wheat in combine harvested rice fields by happy seeder
T3- Recommended Practice-	
Date of sowing:	25/11/2018
Date of harvesting:	04/04/2019
Source of technology:	PAU Ludhiana
Characteristics of technology:	Resource conservation technology
Name of Crop/Enterprises:	Wheat
Recommendations for Farmers	Farmers should direct wheat sowing through happy seeder
Recommendations for Deptt. Personnel	Farmers should direct wheat sowing through happy seeder
Feedback	This technology use of low cost cultivation and time saving

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/ha	24792	99654.4	74862.4	4.02
T2(Recommended Practice)	Yield	q/ha	22062	100004	77942	4.53
T3(Recommended Practice)						

2.3.4

Title of on-farm trial:	Management of Wheat residue for direct sowing of Greengram through happy seeder
Year/Season:	Summer 2019
Farming situation:	Irrigated
Problem diagnosis:	Burning of combine harvested wheat stubbles before field preparation affecting Greengram productivity by delay sowing
Thematic area:	RCT
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	(burning of wheat stubbles and proper field preparation for summer greengram)
T2 –Recommended Practice-	Direct sowing of greengram in combine harvested wheat fields by happy seeder
T3- Recommended Practice-	
Date of sowing:	10/04/2019
Date of harvesting:	23/06/2019
Source of technology:	PAU Ludhiana
Characteristics of technology:	Resource conservation technology
Name of Crop/Enterprises:	Greengram
Recommendations for Farmers	Farmers should Direct sowing of greengram in combine harvested wheat fields by happy seeder
Recommendations for Deptt. Personnel	Farmers should Direct sowing of greengram in combine harvested wheat fields by happy seeder
Feedback	This technology cost and time saving

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/ha	23525.6	86769	63243.4	3.69
T2(Recommended Practice)	Yield	q/ha	23410	96952.5	73542.5	4.14
T3(Recommended Practice)						

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

3. Achievements of Frontline Demonstrations (FLD)

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

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

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)		

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

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/Enterprise Category	Name of Crop/Enterprise	Name of Variety/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	

3.4 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)

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

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/Enterprise Category	Name of Crop/Enterprise	Name of Variety/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-2019 to Dec-2019

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		

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		

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	T1	T2	T1	T2	T1	T2	T1	T2	

3.10 Training and Extension activities conducted under FLD

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

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
Hoshangabad	Tomat Arka Rakshak brought from IIHR bangolre & Raised bed , drip & plastic mulching , staking & IPM	Training & demonstration	Rs. 4.5 lakh income/acre taken by farmers	Now large number of farmer growing tomato crop in summer season

Hoshangabad	JW-3288 of wheat brought from JNKVV Jabalpur	Seed treatment with Line sowing	This variety is suitable under rice-wheat-green gram cropping system	Now large number of farmer under rice-wheat-green gram cropping system
Hoshangabad	MH- 421 of Green gram brought from JNKVV Jabalpur	Seed treatment with Line sowing	This variety is suitable under rice-wheat-green gram cropping system	Now large number of farmer under rice-wheat-green gram cropping system

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Hoshangabad	IPM tools should be used against chemical pesticide , use of new & multi disease resistance variety JW-3288 of Wheat , use of late sown condition & disease resistance variety RVG-202 of chickpea

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
Hoshangabad	IPM	Farmer want to reduced his cost of cultivation	11/12/2019 , silari farm Pipariya	40

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
Hoshan gabad	FW	OFC	Crop Production	Weed Management	Training on weed management in wheat crop	1	1	18		1					
Hoshan gabad	FW	OFC			Training on weed management in Chickpea crop	1	1			12		8			
Hoshan gabad	FW	OFC	Crop Production	Integrated Farming	Training Programme on seed treatment of chickpea for management of wilt disease	1	1	18		2			1	1	1
Hoshan gabad	FW	OFC	Crop Production	Seed production	Training Programme on seed production technology of summer crops	1	1			3		9			
Hoshan gabad	FW	OFC			Training Programme on seed production technology of Kharif crops	1	1	15		0		5			
Hoshan gabad	FW	OFC			Training Programme on seed production technology of rabi crops	1	1	13		10		1			
Hoshan gabad	FW	OFC	Crop Production	Integrated Crop Management	Training Programme on seed treatment of chickpea for management of wilt disease	1	1			3		1	1	1	
Hoshan gabad	FW	OFC	Crop Production	Others(Pl. Specify)	Training on Improved varieties of summer crops	1	1	20					1	1	2
Hoshan	FW	OFC			Training on Improved varieties of rabi crops	1	1	31		11		1	1	1	3

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			
gab ad																		
Hos han gab ad	FW																	
Hos han gab ad	FW	OFC	Horticulture (Vegetable Crops)	Production of low volume and high value crops	Production of low volume and high value crops	2	1 day	0	0	3	0	0	0	0	37	0		
Hos han gab ad	FW	OFC	Horticulture (Vegetable Crops)	Off season vegetables	Off season vegetables	1	1 day	1	0	0	0	0	0	0	19	0		
Hos han gab ad	FW	OFC	Horticulture (Vegetable Crops)	Nursery raising	Nursery raising	1	1 day	2	0	0	0	2	0	10	0			
Hos han gab ad			Horticulture (Vegetable Crops)	Exotic vegetables														
Hos han gab ad	FW	OFC	Horticulture (Vegetable Crops)	Protective cultivation	Protective cultivation	1	1 day	8	0	5	0	3	0	18	0			
Hos han gab ad	FW		Soil Health and Fertility Management	Integrated Nutrient Management	Training on Integrated Nutrient Management	5	1	0	0	13	0	25	0	33	0			
Hos han gab ad	FW	OFC	Soil Health and Fertility Management	Production and use of organic inputs	Training on Liquid Bio Fertilizer	3	1	0	0	15	0	12	0	12	0			
Hos han gab ad	FW	OFC	Soil Health and Fertility Management	Nutrient Use Efficiency	Training on nutrient use efficiency	2	1	2	0	6	0	7	0	5	1			
Hos han gab ad	FW	OFC	Soil Health and Fertility Management	Balance Use of fertilizer	Training on balanced use of fertilizers	4	1	0	0	20	0	24	0	18	0			

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
Hosnagabad	FW	OFC	Soil Health and Fertility Management	Soil & water testing	Training on Soil testing and its importance	9	1	0	0	91	0	62	0	81	0
Hosnagabad	FW	OFC	Soil Health and Fertility Management	Organic Farming	Training on Integrated Nutrient Management	4	1	0	0	16	0	16	0	26	0
Hosnagabad	FW	OFC	Livestock Production and Management	Dairy Management	Training programme on Dairy Management	1	1	0	0		0		0		0
Hosnagabad	FW				Training on A.I. technique & its importance in dairy cattle	1	1	5	0		0		0		0
Hosnagabad	FW	OFC	Livestock Production and Management	Poultry Management	Training programme on backyard poultry production	1	1	0	0	0			1		
Hosnagabad	FW	OFC	Livestock Production and Management	Animal Nutrition Management	Training on Azolla production	1	1	7	0	5	0	6	0	4	0
Hosnagabad	FW	OFC	Livestock Production and Management	Disease Management	Training on management of mastitis in dairy animals	1	1	0	0	9	0	8	0	5	0
Hosnagabad	FW				Training on control of Ecto and Endo parasite in farm animals,	3	1	0	0		4		9	26	1
Hosnagabad	FW	OFC	Livestock Production and Management	Feed & fodder technologies	Training on feeding management in dairy animals	3	1	0	0	13	7	9	15	17	6
Hosnagabad	FW	OFC	Home Science/Women empowerment	Household food security by kitchen gardening and nutrition gardening	Household food security by kitchen gardening and nutrition gardening	3	1		6		8		17		9
Hosnagabad	FW	OFC	Home Science/Women empowerment	Designing and development for high	Designing and development for high nutrient efficiency diet	1	1						12		

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					
gab ad				nutrient efficiency diet																
Hos han gab ad	FW	OFC	Home Science/Women empowerment	Processing & cooking	Training on value addition of finger millet porridge product	1	1		5		4		1					1	1	
Hos han gab ad	FW	OFC			Training on preperation of miner millet products	1	1		3		4		2						9	
Hos han gab ad	FW	OFC	Home Science/Women empowerment	Value addition	Training on preparation mango product	1	1		2		3		2						6	
Hos han gab ad	FW	OFC	Home Science/Women empowerment	Rural Crafts	Training on rural craft like bamboo material preparation	1	1		2		9		1	1					4	
Hos han gab ad	FW	OFC	Home Science/Women empowerment	Women and child care																
Hos han gab ad	FW	OFC	Home Science/Women empowerment	Others (Pl. Specify)	Training on mushroom production	3	3	15			1	5	2	1					2	5
Hos han gab ad	FW	OFC			Training on micro nutrient importanance in diet	2	2	18			3		2							2
Hos han gab ad	FW	OFC	Plant Protection	Integrated Pest Management	Training programme on Seed treatment of Rice for management of nursery insect pest	2	1	21		6	5	5	3	8					2	
Hos han gab ad	FW	OFC			Integrated Pest Management in Vegetables	1	1	-	-	9	-	2	-	-	16					-
Hos han gab ad	FW	OFC			Fruit fly management in cucurbits	1	1	6	-	2	-	-	-	-	17					-

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
Hoshanabad	FW	OFC			Training programme on Management of Rice insect pest	2	1	-	-	3	0	26	9	2	-
Hoshanabad	FW	OFC			Training programme on Management of Pod borer complex in pigeon pea	2	1	5	-	7	4	2	5	27	-
Hoshanabad	FW	OFC			Training programme on Management of gram pod borer in chickpea	2	1	4	-	4	-	2	-	30	-
Hoshanabad	FW	OFC			Training programme on installation of Yellow sticky trap	1	1	-	-	-	4	-	-	18	-
Hoshanabad	FW	OFC	Plant Protection	Integrated Disease Management	Training programme on seed treatment of chickpea for management of wilt disease	2	1	4	1	8	-	1	-	32	-

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
Hoshangabad	RY	ONC	Mushroom Production	Mushroom Production	1	10	3		2		3			2
Hoshangabad	RY	ONC	Dairying	Dairy management	1	20	0	0	0	0	0	0	5	0

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
Hoshangabad	IS	ONC	Integrated Pest Management	Management of Invasive Pest (Tomato Pin worm and Fall Army worm)	1	1	17	0	1	0	1	0	0	0
Hoshangabad	IS	ONC		Management of Invasive Pest Tomato Pin worm	1	1		0	1	0	1	0	17	0
Hoshangabad	IS	ONC		training and awareness programme on Management of Invasive Pest Fall Army worm	1	1		0	2	0	2	0	17	0
Hoshangabad	IS	ONC	Others(Pl. Specify)	Training Programme on seed production technology	1	1	17	0	1	0	1	0	0	0
Hoshangabad	IS	ONC		Wheat Residu Management	1	1	0	0	2	0	2	0	17	0

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
Hosh angabad	Livestock and fisheries	Poultry farming	Poultry farming	Backyard Kadaknath Poultry	Income generation	1	7	0	0	0	0	3	7	0	0
Hosh angabad	Income generation activities	Lac Production	Kusmi lac production	Lac	Income generation	0	10	0	0	0	0	0	0	2	8
Hosh angabad	Income generation activities	Mushroom cultivation	Training on mushroom production	Mushroom	Income generation	1	10	3	0	2	0	3	0	0	2
Hosh angabad	Income generation activities	Tailoring, stitching, embroidery, dying etc.	Tailoring and Stitching	Tailoring and Stitching	Income generation	1	90 days	0	0	0	9	0	1	0	0

Table 5.5. Sponsored Training Programmes

Name of KVK	Client (F & FW/FW/ RY/ IS)	Title	Thematic area	Sub-theme	Training Title	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
								Gen		Others		SC		ST			
								M	F	M	F	M	F	M	F		
Hosh angabad	FW	Crop production and management	EXT.	Others(Pl. Specify)	Awareness programme on grain storage	1	1	2	7	9	0	6	3	2	0	WRDA	48470 /-

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	
Hoshangabad					

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

Name of KVK	Title	Thematic area	Sub-theme	Client (FW/R/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		
Hoshangabad																
Hoshangabad																

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

Area of Training	Jan-Dec-2019	
	Courses	Participants
Household food security by kitchen gardening and nutrition gardening	3	40
Design and development of low/minimum cost diet		
Designing and development for high nutrient efficiency diet	2	88
Minimization of nutrient loss in processing		
Processing and cooking		
Gender mainstreaming through SHGs	3	44
Storage loss minimization techniques		
Value addition	2	39
Women empowerment		
Location specific drudgery reduction technologies		
Rural Crafts	1	26
Women and child care		
Others-Agro-Based IGP programme Training Exposure on Sustainable Agriculture		

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

Area of Training	Jan-Dec-2019	
	Courses	Participants
Crop Production	9	272
Horticulture	5	108
Soil Health and Fertility Management	27	485
Livestock Production and Management	5	199
Agril. Engineering		
Plant Protection	13	300
Fisheries		
Production of Input at site		
Capacity Building and Group Dynamics		
Agro forestry		

Table 5.10 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs./ha or Rs./ year)		Impact on		
			Before	After	Before	After	Before	After	% change in knowledge, production & Income	No. of farmers/farm women adopted (no.)	No. of unit established/Area expanded (ha)
Hoshangabad											
Hoshangabad	Protected cultivation	20	20	5	100	160	150000	300000	65	5	nil

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Hoshangabad	Advisory Services	50	60	34	6	9				Advisory	Various Topics	Differed stages
Hoshangabad	Agri mobile clinic	-										
Hoshangabad	Animal Health Camp	4	7	84	42	35	36	28	0	For Treatment of animal	Animal health camp	NA-
Hoshangabad	Awareness programme	15	34	82	46	38	28	6	0	awareness	Various Topics	Differed stages
Hoshangabad	Celebration of important days	8	11	73	33	42	18	0	0	awareness	Various Topics	Differed stages
Hoshangabad	Diagnostic visits	25	62	55	24	76	64	0	0	advisory	Various Topics	Differed stages
Hoshangabad	Exhibition	2	6	204	0	116	0	0	0	awareness	Various Topics	Differed stages
Hoshangabad	Exposure visits	2	2	52	12	47	13	0	0	awareness	Various Topics	Differed stages
Hoshangabad	Extension Literature	6	12	NA	NA	NA	NA	NA	NA	awareness	Various Topics	Differed stages
Hoshangabad	Ex-trainees Sammelan	-										
Hoshangabad	Farm advisory Services	25	37	36	0	25	0	0	0	advisory	Various Topics	Differed stages
Hoshangabad	Farm Science Club conveners meet	1	0	0	0	0	0	0	0			
Hoshangabad	Farmers Seminar/Workshop	1	0	0	0	0	0	0	0	awareness	Various Topics	Differed stages
Hoshangabad	Farmers visit to KVK	400	878	510	143	126	79	4	16	To gain information	Various Topics	Differed stages
Hoshangabad	Field Day	2	2	18	0	36	0	0	0	To provide information	Various Topics	Differed stages
Hoshangabad	Film Show	5	5	46	6	47	22	0	0	To provide information	Various Topics	Differed stages
Hoshangabad	Group meetings	5	5	278	31	403	45	0	0	To provide information	Various Topics	Differed stages
Hoshangabad	Farmer Interface	2	0	0	0	0	0	0	0			
Hoshangabad	Kharif/Rabi Sammelan	1	0	0	0	0	0	0	0			
Hoshangabad	KisanGhoshi	3	5	52	10	45	13	0	0	To provide information	Various Topics	Differed stages

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Hoshangabad	KisanMela	1	1	273	28	66	26	273	28	To provide information	Various Topics	Differed stages
Hoshangabad	KrishiGyanDoot meet	1	0	0	0	0	0	0	0			
Hoshangabad	KrishiMahotsav	-										
Hoshangabad	Lectures delivered as resource persons	3	3	90	10	12	0	15	2	To provide information	Various Topics	NA
Hoshangabad	MahilaMandals conveners meetings	3	3	0	30	0	28	0	2	To provide information	Various Topics	NA
Hoshangabad	Method Demonstrations	4	4	80	0	10	0	2	0	Awareness	Plant protection	NA
Hoshangabad	Newspaper coverage	10	23	NA	NA	NA	NA	NA	NA	awareness	Various Topics	Differed stages
Hoshangabad	Popular articles	6	6	NA	NA	NA	NA	NA	NA	awareness	Various Topics	Differed stages
Hoshangabad	Pradhanmantriphasalbeemayojana	-										
Hoshangabad	Radio talks	3	3	NA	NA	NA	NA	NA	NA	awareness	Various Topics	Differed stages
Hoshangabad	Scientific visit to farmers field	50	65	423	167	294	98	0	0	awareness	Various Topics	Differed stages
Hoshangabad	Self Help Group conveners meetings	3	3	0	25	0	19	0	3	awareness	Various Topics	Differed stages
Hoshangabad	Soil health Camp	02	63	927	68	105	13	240	0	Soil fertility management	Nutrient management	NA
Hoshangabad	Soil test campaigns	02	9	81	0	153	0	6	0	Awareness	Soil test campaigns	Harvesting stage
Hoshangabad	Summer deep ploughing campaigning	1	2	7	0	2	0	0	0	Awareness	Summer deep ploughing	Harvesting stage
Hoshangabad	Technology Week Celebration	-										
Hoshangabad	TV talks	3	3	NA	NA	NA	NA	NA	NA	Various topics	Various topics	NA
Hoshangabad	Workshop	-										
Hoshangabad	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	7	Akashvani Bhopal	All Mp	
TV talks	3	Krishi darshan (Doordarshan Bhopal)	All Mp	
Newspaper coverage	33	Daink bhasker, jagran, Navbharat, Deshbandhu, Navdunia	Hoshangabad	
Internet (Youtube)	13			National
Social media (Whats App, Facebook, Instagram, Twitter etc.)	Whatsaap - 86 Face book-86 Insta- 7 Twiter- 35			National

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

7.1 KVK Newsletters (Jan to Dec. 2019)

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

7.2 Literature developed/published

KVK Name	Type	Number of copies (please don't give mass please fill number only)
Hoshangabad	Abstract	2
Hoshangabad	Book	
Hoshangabad	Book Chapter	
Hoshangabad	Booklet	50
Hoshangabad	Leaflets/ Folder/ Pamphlet	3000
Hoshangabad	Popular article	10
Hoshangabad	Technical Bulletin	
Hoshangabad	Training Manual	1
Hoshangabad	Technical Report	

KVK Name	Type	Number of copies (please don't give mass please fill number only)
Hoshangabad	Year Planner	300
Hoshangabad	Others (pl. specify)	

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

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

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD/DVD)	Title of the programme	Number
Hoshangabad	Video	Swachhta hi sewa, Soil testing, Azolla production, Insect management of chickpea , seed treatment of sugarcane, jiggery production, PRA process	13

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Crop Category	Name of Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to no. of Farmers/society	Expected area coverage (ha.)
Hoshangabad	cereal	Paddy	kranti	50 Quintal	1815	1	63
Hoshangabad	cereal	Paddy	JR-81	16 Quintal			

8.2 Planting Material production

KVK Name	Major group/class	Name of Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Hoshangabad	Vegetable	Broccoli	Green magic		37000	15	1

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	
Hoshangabad	Bio Fertilizers	Non Symbiotic Azotobacter						
Hoshangabad		Vermicompost						
Hoshangabad		Azolla	5000		40000	10		
Hoshangabad		Earthworms	50		5000	50		
Hoshangabad		Compost	9000		9000	1		
Hoshangabad		Blue green algae						
Hoshangabad		NADEP						
Hoshangabad		Sanjeevani Khad						
Hoshangabad		Acetobactor						
Hoshangabad		Aspergillus		450	450	90000	450	182
Hoshangabad		Azotobacter						
Hoshangabad		Azospirillum						
Hoshangabad		Phosphate solublizing Bacteria						
Hoshangabad		Rhizobium						
Hoshangabad		Other (pl. sp.)						
Hoshangabad		Bio-Food	Spirulina					
Hoshangabad	Honey							
Hoshangabad	Any Other (pl. sp.)							

KVK Name	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.), if applied	
Hoshangabad	Bio Pesticides	Neem extract						
Hoshangabad		Neem powder						
Hoshangabad		Tobacco extract						
Hoshangabad		Trichoderma viride						
Hoshangabad		Trichoderma harjinum						
Hoshangabad		Trichogramma chilonis						
Hoshangabad		Beauveria bassiana						
Hoshangabad		Metarhizium anisopliae						
Hoshangabad		Pseudomonas fluorescens						
Hoshangabad		SINPV						
Hoshangabad		HaNPV						
Hoshangabad		GF1						
Hoshangabad		Baco Lures						
Hoshangabad		Heli Lures						
Hoshangabad		Leucin Lures						
Hoshangabad		Paecilomyces						
Hoshangabad		Panchagavya						
Hoshangabad		Verticillium						
Hoshangabad		Bio Agents (Tricho card)	Trichogramma chilonis					
Hoshangabad			Chrysoperla carnea					
Hoshangabad	Tricho card							
Hoshangabad	Any other (Pl. Specify)							
Hoshangabad	Bio Agents (Pyrilla parasitoids)	Ooincirtus papilionis						
Hoshangabad		Epiricania melanolauca						
Hoshangabad	Bio Agents(Worms)	Assinia foetida						
Hoshangabad		Eudrilus eugeniae						
Hoshangabad		Euclnia Uginae						
Hoshangabad		Eisenia foetida						

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
Hoshangabad		Earth worm					
Hoshangabad		Any other (pl. specify)					
Hoshangabad	Others	Mushroom spawn					
Hoshangabad		Mineral Mixture					
Hoshangabad		Cow dung (dry)					
Hoshangabad		Any other (pl. specify)					
Hoshangabad							

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.		
Hoshangabad	Dairy animals	Cow	sahival	Milk	Liter	17560	702400	384
Hoshangabad		Calves	sahival	Dunk	NO	14 troli	35000	8
Hoshangabad		Goats	Sirohi	Urine	Liter	1450	8700	6
Hoshangabad		Buffaloes						
Hoshangabad		Sheep						
Hoshangabad		Breeding bull	sahival					
Hoshangabad		Other (pl specify)						
	Poultry	Poultry						
		Japanese quail						
		Japanese quail eggs						
		Ducks						
		Turkey						
		Other						
	Piggery	Piglets						
		Boar						
		Sow						
		Other (pl specify)						
	Fisheries	Indian carp						
		Exotic carp						
		Other (pl specify)						

9. Activities of Soil and Water Testing Laboratory

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

KVK Name	Status of establishment of Soil testing Laboratory (Y/N) and year, if yes	Soil Testing Kits till date		No of soil samples		No. of Samples analyzed			No. of Farmers benefited			No. of Villages covered	Amount realized	Soil health card distributed to the farmers by KVK (Nos)	
		Sanctioned	Procured	Collected by KVKs	Provided by Dept./ DDA	by KVKs		By Department	By KVK		By Department			Through Mini Soil Testing kit	Through Soil testing laboratory
						Mini Soil Testing kit	Soil testing laboratory		Mini Soil Testing kit	Soil testing laboratory					
Hoshngabad	N	0	1	123	0	123	0	0	123	0	0	13		123	0

9.2 Details of water samples analyzed so far : Nil

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

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		

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.)
Hoshangabad	3	3		78	16

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	
Hoshangabad	04/10/19	Off season vegetable Production	Farmer	1	1	0	0	0	0	0	19	0	20
Hoshangabad	11/12/2019	Protected cultivation	Farmer	1	8	0	5	0	3	0	18	0	34

12. Utilization of Farmers Hostel facilities- NIL

KVK Name	Months	Year	No. of trainees/ farmers/ visitors stayed	Duration of Stay (days)	Reason for vacant farmers hostel (if any)	Accommodation available in F.H. (No. of beds)

13. Utilization of Staff Quarters facilities - NIL

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any

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

KVK Name	Date of SAC meeting 2019	No. of SAC members (only) attended	Major action points*
Hoshangabad	23/02/2019	30	OFT on organic farming
			Awareness program should be organized on soil health card
			Soybean Crop should be taken in Kharif Program
			Lac Production should be promoted in Pigeon Pea
			Linseed Crop Should be taken in Rabi Program
			Intercropping in sugarcane should be promoted
			Azolla, Hydroponics, urea treatment of wheat straw should be promoted
			Nutrition campaign per month to increase nutrition security
			Organic vegetable production should be promoted
			Water conservation/Harvesting should be promoted
			Awareness program on crop residue management
			Stem borer problem in paddy crop

*Attached separate file.

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

Name of KVK	Footfall during 2019			
	No. of Farmers	No. of officials	No. of VIPs	Total
Hoshangabad	878	28	11	917

*Separate JPEG Photographs (2-3 only)

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

KVK	S. No.	Thematic area	Particulars	No of Calls	No of Messages sent	No. of farmers received messages	Total no of villages in District	No of village Covered by KVK through KMA
	1	Crop Management	Crop Production Technology		8	183436	923	900
			Integrated Farming					
			Field Preparation					
			Any Other (Specify)		2	96476	923	900
	2	Weather	Advisory		8	408740	923	900
			Change in variety					
			Change in Sowing technique					
			Climate forecast		3	68885	923	900
			Any Other (Specify)					
	3	Soil Management	Soil Testing		2	51378	923	900
			INM					
			Fertilizer Application					
			Vermicomposting/ bio-waste recycling		1	12359	923	900
			Bio-fertilizer					
			Any Other (Specify)		1	51383	923	900
	4	Disease & Pest Management	Disease Management		3	150888	923	900
			Pest Management		13	397770	923	900
			Preventive Advisory Disease Management		4	235231	923	900
			Preventive Advisory Pest Management					
			Bio-pesticides					
Any Other (Specify)								
5	Nutrition Security & Women Empowerment	Nutrition Awareness		1	48208	923	900	
		Kitchen garden						
		Value Addition and Processing						
		Drudgery Reduction						
		Entrepreneurship & Income Generation						

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
			Advisory					
			Any Other (Specify)					
	6	Horticulture	Vegetable		1	40376	923	900
			Fruit					
			Hi Tech Horticulture					
			Any Other (Specify)					
	7	Livestock	Feed and Fodder		1	48244	923	900
			Dairy Management		3	113091	923	900
			Fisheries					
			Poultry Management					
			Vaccination & Disease management		1	40072	923	900
			Any Other(Specify)		3	142390	923	900
	8	Farm Mechanization			3	128673	923	900
	9	Extension			6	244922	923	900
	10	Organic Farming						
	11	Marketing						
	12	Awareness			2	56743	923	900
	13	Other Enterprise			1	56843	923	900
	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)
Hoshangabad	Mega tree plantation	IFFCO	10000	Plant distributed & transplanted	NA	Functional
Hoshangabad	Grain storage	WDRA				

18. Status of Contingency Utilization Jan-Dec-2019

Name of KVK	Total Contingency allotted (Rs.)	Fund used by KVKs (Rs)			Balance (Rs.)
		Activities	No of Activities	Exp (Rs)	
	1562000/-	OFT		120843	691105/-
		FLD (other than CFLD)			
		Training (Only Vocational)		13500	
		Extension Activities & Training		223462	
		SAC Meeting		12735	
		Special Programme (Mega plantation)		20656	
		Others Office expenses		483199	

19. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance on 01 .01.2019 (Rs.)	Closing balance 31.12.2019 (Rs.)	Name of major source of revolving fund
Hoshangabad	13221900000329	67,288.4/-	1,27,518.46/	Farm production
				dairy production
				vermocompost
				Bio fertilizer production
				Lac production
				vegetable Nursery

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
Hoshangabad	Dr. Akanchha Pandey	Ind.	National	Society for scientific Development in Agrculture & Technology	
Hoshangabad	Dr. Akanchha Pandey	Ind.	National	ICAR - Society for scientific Development	

				in Agrculture & Technology	
Hoshangabad	Pankaj Sharma	Ind	Local	Agricultural technology Development society Gaziabad U.P	
Hoshangabad	Dr. Diwakar verma	Ind	Local	Agricultural technology Development society Gaziabad U.P	

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

Area covered under crop cafeteria (sq. meter)	Type of crop (Cereals, Pulses, Oilseeds, Vegetables, medicinal, Spices, fruits etc.)	Name of crop	Name (s) of variety	Name of best variety of concerned crop
2000	Pulses	Green gram	PDM-139	MH-421
			HUM-12	
			HUM-16	
			MH-421	
		Paddy	Pusa-1121	pusa-1637
			pusa-1637	
			pusa-1728	
			pusa-1718	
			kranti	
			Zeera shankar	
			JR-81	
			JRB-1	
			Chinnor	
			B-8434(Bayar)	
PS-5				
PS-1				

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	Hoshangabad	Roopsingh Rajput	Integrated Farming	Rohana, dist- Hoshanagabad , 461001	9763684430
2	Hoshangabad	Lakhan kushwaha	Integrated Farming	Semri harchand ,461668	9098437812
3	Hoshangabad	Lakhmi patel	Mashroom production	Kothri, Bankhedi 461990	7869629618
4	Hoshangabad	Vinita mehra	Organic Farming	Kothri Bankhedi 461990	9098501040
5	Hoshangabad	Sunil kumar soni	Dairy farming	Bankhedi 461990	9926548390
6	Hoshangabad	Ankit Dubey	Dairy farming	Bankhedi 461990	8827874444
7	Hoshangabad	Mansingh Gurjar	Organic Farming	Gardha461990	7552324676
8	Hoshangabad	Akhlesh Chhoudhary	Organic Farming	Jamunia randhir , Bankhedi 461990	7089878022
9	Hoshangabad	Hajali lal kushwaha	Horticulture	Kalkuhi , Bankhedi 461990	9993711217
10	Hoshangabad	Deepak Kushwaha	Horticulture	Junetha , Bankhedi 461990	8319173655

*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
	Dec 2019	3

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
Hoshangabad	7	927	3	4	122	805

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*

*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	
Hoshangabad					
Hoshangabad	KVK Harda				
Hoshangabad	KVK Narsinghpur				

27. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Hoshangabad	Dr. Pradeep Kumar Bisen	2/11/2019				
Hoshangabad	O.P Mokati	27/09/2019			CEO Bankhedi	
Hoshangabad	Dr D.K Solanki	24/05/2019			Sr. Maneger IFCCO	

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

S.No	Name of KVK	Date of start of website	Address of Website	No. of updates during 2019	No. of visitors during 2019
1	Hoshangabad	July 2018	www.kvkbankhedi.in	38	

29. Status of Mobile Apps developed by KVK

Name of KVK	Year	Title of Mobile App	Link to Play Store	No. of Installs
Hoshangabad	2019	Ganne Se Samriddhi	https://play.google.com/store/apps/details?id=kvk.rh.kvkapp&hl=en	18000

30. Status of RTI - NIL

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

31. Status of Citizen Charter- NIL

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

32. Participation in HRD Programmers organized by ATARI

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Hoshangabad	Dr. Sanjee Kumar Garg	Scientist Extension	Skill Development Training	
Hoshangabad	Dr. Diwakar Verma	Scientist LPM	Skill Development Training	
	Total - 02			

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

33. Participation in HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks

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

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

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Duration (days)	Type of HRD activities (Refresher course/CAFT/Summer winter school/short course)
Hoshangabad	Brajesh Namdev	Plant Protection	1	10	short course
Hoshangabad	Dr. Devidas patel	Plant Breeder	1	7	short course

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

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

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

36. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
	Gosthies			
	Lectures organized			
	Exhibition			
	Film show			
	Fair			
	Farm/ Field Visit			
	Diagnostic Practical's			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Distribution of Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week			
	Animal health camp			
	Awareness programme			
	Demonstration			
	Exposure visit			
	Ex-trainees Meet			
	Farmer scientist interaction			

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
	Farmers Training			
	Gajarghans Unmulan Pakhwada			
	Group Meeting			
	Jai Kisan Jai Vigyan Sangoshthi			
	Plant Protection Week			
	Seed treatment campaign			
	Self Help Group convener meet			
	Soil health Camp			
	Swachha Bharat Abhiyan			
	Others (Pl. Specify)			

37. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Farmers-scientists interaction on livestock management

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

Animal health camps organized

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

Seed distribution in drought hit area

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

Seedlings and Saplings distributed

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

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers
	0	0	0	0

Bio-Fertilizer

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

Worms Produced

Name of KVK	Worms Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
	0	0	0	0

Large scale adoption of resource conservation technologies

Name of KVK	Crops	Variety	list of resource conservation technologies introduced	Area (ha)	Number of farmers
	0	0	0	0	0

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

38. Activities for Sansad Adarsh Gram

Information about Sansad Adarsh Gram

Name of KVK	Block	Village

1. Technologies to be Demonstrated

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

2. Extension Activities

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

3. Training Programme

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

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

Name of the KVK	Hoshangabad
TITLE	Success Story of farmer 1
Introduction	Shri Gopal kushwaha , Vill- Tindwada, Tah- Bankhedi, Dist- Hoshangabad
KVK intervention	KVK provided training on crop diversification demonstration on seed treatment, IWM, INM, IPM & water conservation technology through using drip and plastic multching
Output	Now farmer able to reduce his cost of cultivation and increase production
Outcome	Earlier he was getting 500000/- through his 12 acre land now his is taking 1000000/-
Impact	Now farmer is getting recognition by neighbor farmer and he providing support to other farmer also

(b) Case study / Success Story–

Name of the KVK	Hoshangabad
TITLE	Success Story of farmer 2
Introduction	Shri Deepak Kushwaha, Villa- junetha Tah- Bankhedi, Dist- Hoshangabad
KVK intervention	KVK provided training on crop diversification demonstration on seed treatment, IWM, INM, IPM & water conservation technology through using drip and plastic multching
Output	Now farmer able to reduce his cost of cultivation and increase production
Outcome	Earlier he was getting 150000/- through his 1 acre land now his is taking 300000/-
Impact	Now farmer is getting recognition by neighbor farmer and he providing support to other farmer also

2-3 Photographs with caption in .jpeg format.

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

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

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

