Annual Progress Report 2020

Submitted By :

Krishi Vigyan Kendra-Ujjain

(Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior)

ANNUAL PROGRESS REPORT

January 2020 to December 2020

Krishi Vigyan Kendra, Ujjain

(Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior)

Contents

Instructions for Filling the Format

1. **Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.**
2. **Do not merge columns, rows.**
3. **Please repeat the name of KVK in each table in the column "Name of KVK"**
4. **Do not fill the non-numerical values in numeric field**
5. **Do not repeat the unit while reporting data as it is already mentioned in the heading row**
6. **Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit**
7. **Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)**
8. **Additional relevant information may be provided at the end of Format by creating heading "Additional Information"**
9. **Also read the instructions mentioned just below the table**

10. Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format

11. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.

12. Grey color cells in summary table need not to be filled.

13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).
Vegetable:- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Lady finger).
Fruits:- Mango, Guava, Custard apple, Pear etc.
Spices:- Black Peeper, Turmeric, Ginger, Cardamom etc.

REPORTING PERIOD – January 2020 to December 2020

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2020

i. OFT and FLD

S.No.	KVK Name	Activity	Achievement	
			Number of activity	No. of farmers/ beneficiaries
1		**OFT**		
a.		**OFT- Crops (like Agronomy/Horticulture/ Soil Science/Plant Protection/Plant Breeding/ Agroforestry etc)**		
➢		Proposed OFT	**15**	**75**
➢		On Going OFT	**02**	**10**
➢		Technologies assessed (Completed OFT)	**12**	**60**
➢		Technologies refined	**00**	**00**
b.		**OFT- Agriculture Engineering**		
➢		Proposed OFT	**00**	**00**
➢		On Going OFT	**00**	**00**
➢		Technologies assessed (Completed OFT)	**00**	**00**
➢		Technologies refined	**00**	**00**
c.		**OFT- Animal Science**		
➢		Proposed OFT	**00**	**00**
➢		On Going OFT	**00**	**00**
➢		Technologies assessed (Completed OFT)	**00**	**00**
➢		Technologies refined	**00**	**00**
d.		**OFT- Fisheries**		
➢		Proposed OFT	**00**	**00**
➢		On Going OFT	**00**	**00**
➢		Technologies assessed (Completed OFT)	**00**	**00**
➢		Technologies refined	**00**	**00**
e.		**OFT- Extension**		
➢		Proposed OFT	**02**	**180**
➢		On Going OFT	**00**	**00**
➢		Technologies assessed (Completed OFT)	**02**	**180**
➢		Technologies refined		
f.		**OFT- Home Science**		
➢		Proposed OFT	**02**	**30**

➢		On Going OFT	**00**	**00**
➢		Technologies assessed (Completed OFT)	**02**	**30**
➢		Technologies refined		
		Activity	**Area (ha) / no. of Unit/Enterprise**	**No. of farmers/ beneficiaries**
2		**FLD**		
a.		CFLD-Oilseed (in ha)	**60**	**150**
b.		CFLD-Pulses (in ha)	**30**	**75**
c.		**FLD- Crop All(other than CFLD) (in ha)**		
➢		Proposed Frontline demonstrations	**107**	**268**
➢		On Going Frontline demonstrations	**00**	**00**
➢		Completed Frontline demonstrations	**72**	**187**
d.		**FLD- Agriculture Engineering (in ha)**		
➢		Proposed Frontline demonstrations	**00**	**00**
➢		On Going Frontline demonstrations	**00**	**00**
➢		Completed Frontline demonstrations	**00**	**00**
e.		**FLD - Animal Science (in ha for fodder/ no. of Unit/Enterprise)**		
➢		Proposed Frontline demonstrations	**00**	**00**
➢		On Going Frontline demonstrations	**00**	**00**
➢		Completed Frontline demonstrations	**00**	**00**
f.		**FLD - Fisheries (in ha/ no. of Unit/ Enterprise)**		
➢		Proposed Frontline demonstrations	**00**	**00**
➢		On Going Frontline demonstrations	**00**	**00**
➢		Completed Frontline demonstrations	**00**	**00**
g.		**FLD - Home Science (in ha/ no. of Unit/Enterprise)**		
➢		Proposed Frontline demonstrations	**07**	
➢		On Going Frontline demonstrations	**00**	**00**
➢		Completed Frontline demonstrations	**07**	**86**

ii. Other Activities

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	**Training programmes**	**No. of Course**	**Duration (days)**	**Participants**
	Farmers	19	19	506
	Farm women	13	13	255

	Rural youth	08	08	237
	Extension personnel/ In service	07	07	236
	Vocational trainings	04	56	121
	Sponsored Training	00	00	00
	Total	51	103	1355
		No. of programmes	**Participants**	
1	**Extension Programmes**	306		5815
3	**Production of technology inputs etc**	**Qty**	**Beneficiaries (nos.)**	
	Seed (qt.)	285.6		51
	Planting material produced (nos.)	8165		187
4	**Livestock**	**Qty**	**Beneficiaries (nos.)**	
	Livestock strains (Nos)	13		04
	Milk Yield - Cow, Buffelo etc. (in liter)	7519		28
	Fish (Kg.)	00		00
	Fingerlings (nos.)	00		00
	Poultry-Eggs (nos.)	00		00
	Ducks (nos.)	00		00
	Chicks etc. (nos.)	00		00
5	**Bio Products**	**Qty**	**Beneficiaries (nos.)**	
	Bio Agents -Earth worm (Kg.)	00		00
	Trichoderma (kg.)	00		00
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	4773.5		70
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	00		00
6	**Any other significant achievement in the Zone**	**Nos.**	**Participants/ beneficiaries**	
	Award (Best KVK award and scientist and farmer's award)	06		04
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	05		05
	KVK News letter	04	1000	
	SAC Meetings conducted	02		63
	Soil sample tested	700		700
	Water sample tested	00		00
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	01		100
	KVK-KMA (Message sent and beneficiaries)	59		63808
	Convergence programmes	00		00
	Sponsored programmes	00		00
	KVK Progressive Farmers interaction			

	No. of Technology Week Celebrations			
	Attended HRD activities organized by ZPD	08		06
	Attended HRD activities organized by DES	07		02
	Attended HRD activities by KVK Staff(Refresher/Short course, Training programme etc.)	03		04
7	Current status of Revolving Funds (Amt. in Rs.)			1428300
8		**No. of blocks**	**No. of villages**	
	Outreach of KVK in the District	6	1095	
9		**ICAR**	**SAU**	**Others**
	No. of important visitors to KVK (nos.)	5	3	6
10		**Working (Yes/No)**	**No. of Update**	
	Status of KVK Website	Yes	48	
11		**Application received**	**Application disposed**	
	Status of RTI (nos.)	1	1	
12		**Query received**	**Query dissolved**	
	Citizen Charter (nos.)	00	00	
13		**Filled**	**Vacant**	
	Staff Position	00	00	
14	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	34		
15	Publication received from ICAR /other organization (nos.)	02		
16		**Particulars**	**Organization**	
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	06	02	
		Nos. of Activities	**Participants/ beneficiaries**	
17	Activities performed in Sansad Adarsh Gram	09	225	
18	Activities performed in DFI Village	**Nos. of Activities**	**Participants/ beneficiaries**	
		10	139	
19	Activities performed in Nutri Smart Village	**Nos. of Activities**	**Participants/ beneficiaries**	
	OFT	2	25	
	FLD	4	58	
	Trainings	7	111	
	Extension activities	7	557	
20	Current status of Contingency (Amt. in Rs.)		302423 (as on 31-12-2020)	

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on December, 2020

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Ujjain	16	1	1	6	5	3	3	6	3	16	12

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Category	Mobile Number	Email-id
Ujjain	Sr. Scientist & Head	Dr. R.P.Sharma	Agricultural Extension	Ph.D.	Agricultural Extension	37400-67000 + 10000	215539	06-01-2017	Permanent	Others	9754032456
Ujjain	SMS/ Scientist 1	Sh. D. K. Suryawanshi	Plant Protection	M.Sc. (Ag.)	Entomology	15600-39100+8000	83842	05-12-2016	Permanent	SC	9098453633
Ujjain	SMS/ Scientist 2	Dr. S.K. Kaushik	Plant Breeding and Genetics.	Ph.D.	Plant Breeding and Genetics.	15600-39100 + 8000	110189	08.03.2007	Permanent	Others	9977050608
Ujjain	SMS/ Scientist 3	Dr. D.S.Tomar	Agronomy	Ph.D.	Agronomy	15600-39100 + 8000	112925	28.03.2007	Permanent	Others	9425935337
Ujjain	SMS/ Scientist 4	Dr.(Smt)Rekha Tiwari	Home Science	Ph.D.	Home Science	15600-39100 + 8000	110189	14.05.2007	Permanent	Others	9425490471
Ujjain	SMS/ Scientist 5	Sh.Hansraj Jatav	Agricultural Extension	M.Sc.(Ag.)	Agricultural Extension	15600-39100+6000	72744	01-09-2014	Permanent	SC	9617971951
Ujjain	SMS/ Scientist 6	Vacant	-	-	-	-	-	-		-	-
Ujjain	Programme	Sh. Rajendra Gawali	Soil Science	M.Sc.	Soil Science	9300-	61713	28.02.201	Permanent	ST	997745

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Category	Mobile Number	Email-id
	Assistant			(Ag.)		34800 + 4600		1			0664
Ujjain	Farm Manager	Dr. Moni Singh	Home Science	Ph.D.	Home Science	15600-39100 + 5400	75693	03-06-2019	Permanent	Others	9827094417
Ujjain	Computer Programmer	Smt. Ghazala Khan	Computer Science	M.Sc.(Computer Science) and M.Sc. (Chemistry)	Computer Science	15600-39100 + 5400	71716	01.04.2008	Permanent	Others	9993446765
Ujjain	Accountant / superintendent	Sh. Ajay Gupta	Commerce	M.Com.	-	9300-34800+3600	50755	19-12-2016	Permanent	Others	9827211091
Ujjain	Stenographer	Smt. Sapna Singh	Stenography Hindi	B.A., ITI	Stenography Hindi	5200-20200+2800	40467	26-08-2016	Permanent	Others	9713419201
Ujjain	Driver	Rajesh Verma	-	-	-	5200-20200 + 2400	37221	11.07.2008	Permanent	Others	7440747650
Ujjain	Driver	Vacant	-	-	-	-	-	-	-	-	
Ujjain	Supporting staff, if any	Vacant	-	-	-	-	-	-	-		
Ujjain	Supporting staff, if any	Vacant	-	-	-	-	-	-	-		

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

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Ujjain	X	6	609	1987597	73.6	1370791	160775	2.8 ha

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Ujjain	Narsinghgar	2016	Khanchrod	85	1200	280
Ujjain	Gothra	2016	Ujjain	8	700	150
Ujjain	Chandmukh	2016	Ujjain	9	1200	240
Ujjain	Daudkhdi	2016	Ujjain	10	1000	200
Ujjain	Ranahera	2016	Ghatiya	28	1500	375
Ujjain	Maravda	2016	Khanchrod	80	6000	1200
Ujjain	Maravdi	2016	Khanchrod	80	1100	275
Ujjain	Gothra	2016	Ujjain	8	700	150
Ujjain	Chandmukh	2016	Ujjain	9	1200	240
Ujjain	Daudkhdi	2016	Ghatiya	10	1000	200
Ujjain	Sikandari	2016	Ujjain	9	1200	240
Ujjain	Salakhedi	2016	Ghatiya	35	1600	380
Ujjain	Undasa	2017	Ujjain	12	650	140
Ujjain	Devankheri	2017	Ujjain	13	305	120
Ujjain	Sayerkheri	2017	Ujjain	14	315	122
Ujjain	Surakhedi	2018	Barnagar	14	350	165
Ujjain	Gogapur	2018	Mehidpur	62	465	216
Ujjain	Deorakhedi	2018	Ujjain	15	350	175
Ujjain	Bhimpura	2020	Ghattiya	34	750	165
Ujjain	Bapaya	2020	Mahidpur	45	950	215
Ujjain	Shakarkhedi	2020	Mahidpur	42	850	185
Ujjain	Dhanodiya	2020	Mahidpur	38	650	135
Ujjain	Karondiya	2020	Ujjain	8	550	118

1.4. THRUST AREAS identified by KVK

KVK Name	THRUST AREA
Ujjain	Sowing geometry of crops like soybean, wheat, gram etc
Ujjain	Need of IPNMs (Zinc & Sulphur) which reduces crop yield.
Ujjain	Promotion of crop, variety & agricultural diversification.
Ujjain	Integrated Weed Management.
Ujjain	Use of high yielding wilt resisting variety in Gram.
Ujjain	Use of IPM module in high value crops like soybean, gram and vegetable crops.
Ujjain	Nursery management, Varietal promotion & appropriate planting methods for horticultural crops.
Ujjain	Promotion of new agricultural implements.
Ujjain	Drudgery Reduction, health and hygiene promotion in rural women.
Ujjain	Agri-based entrepreneurship development among rural youth.
Ujjain	Capacity building and group dynamics.
Ujjain	Care & maintenance, disease, Feeding & fodder management in live stock.
Ujjain	Value addition processing Fruit and vegetable & preservation.
Ujjain	Need of Natural Resource Management i.e. soil & water
Ujjain	Technology needs in climatic resilience

1.5. PROBLEM IDENTIFIED by KVK

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Ujjain	High seed rate and closer spacing in soybean.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Improper maintenance and care of milch animal.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Monoculture or Lack of crop diversification.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Lack of knowledge about nursery management .	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Improper management of soil and water resources.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Low adoption of micro nutrients.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Mal nutrition in children and women. Drudgery in farm women.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Ujjain	Lack of Fruit and Vegetable preservation /value addition.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Low organic carbon in soil due to poor crop residue management	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	High seed rate and closer spacing in soybean.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Improper maintenance and care of milch animal.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain

2. On Farm Testing (OFT)

Note-

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

Thematic Areas for OFT/FLD

Thematic Areas for OFT/FLD	Parameters Name and unit
OFT/FLD on Crops	
Agro Forestry	Yield q/ha
Crop Diversification	insect population/plant
Integrated Crop Management	No of pods/plant, No of Siliquae/plant, No. of Grain / pod
Integrated Farming system	Rhizome wt/Plant(g)
Integrated Disease Management	Disease incidence (%)
Integrated Nutrient Management	No of effective tillers/hill
Integrated Weed Management	No of weeds/m2
Varietal Evaluation	Plant Height(cm), No of pods/plant, No of Siliquae/plant, No. of Grain / pod, Fruit wt(g)
Integrated Pest Management	Insect Infestation (%), No. of Larvae or insect / meter row length
Integrated Plant Nutrient Management	No of pods/plant, No of Siliquae/plant, No. of Grain / pod Fruit Length(cm) , Fruit wt(g), No of nodules/plant
Feed and Fodder Production	Fruit Length(cm) ,
Resource conservation Technology	Plant Height(cm),
Soil Fertility Management	No of Cobs/plant
	No of Larvae/m^2

	No of Panicles/m^2
	No of Tillers/hills
	No of Bulb weight(g)
	No of Grains/panical
	No. of tubers/plant
	Weight of Curd/head (g/plant)
	No. of Siliquae or Capsule /plant
	Seedling Germination (%)
OFT/FLD on Agriculture Engineering	
Farm Mechanization	Yield (q/ha)
Resource Conservation Technology	Field Capacity (ha/hr)
Post-Harvest Management	Cleaning efficiency %
Storage loss minimization Technology	Cleaning Capacity q/hr
Small Farm Implements	weed population per m2
	tillers/plant
	water inefficiency
	irrigation efficiency
OFT/FLD on Animal Science	
Animal Feed / Fodder Management	**Milk yield (Lit/day/animal)**
Animal Disease Management	**Change in body weight(kg)**
Animal Nutrition Management	**Egg Production/bird/year**
Livestock production & management	**% decrease in Worm**
Animal breed evaluation	**Parasite control (%)**
Poultry Production and management	**Body weight at 6 month (kg/goat)**
	Parasite infestation (%)
	Live weight (kg/bird) at 3 Month
	Growth Rate (90 days)
	Yield q/ha (Fodder)
	Mortality %
	Feed intake(%)
	Disease infestation(%)
OFT/FLD on Fisheries	
Fingerling Production in Seasonal Ponds	Yield (q/ha)
Composite Fish Farming	Yield (q/ha), ABW (kg)
Fish Nutrition	Survival Rate (%)
Fish-cum-Duck Farming	Disease incidence (%)
Fish Production & Management	
Fish Breeding	
Fish Seed Production	
Spawn to fry production	
Integrated Farming System	

2.1 Information about OFT(1):

Name of Discipline	Plant Breeding
Title of on-farm trial:	Assessment of Wheat variety Pusa Anmol for high yield.
Year/Season:	2019-20/Rabi
Farming situation:	IR
Problem diagnosis:	Low yield due to traditional variety
Thematic area:	Varietal Evaluation
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-	LOK-1
T2 –Recommended Practice-	HI-8737
T3- Recommended Practice-	HI-8663 (Poshan)
Date of sowing:	Nov.-2019
Date of harvesting:	March-2020
Source of technology:	**IARI (2016)**
Characteristics of technology:	Variety HI-8737: Durum wheat suitable for timely sown, irrigated conditions; Average Grain yield – 53.40 q/ha; Plant height – 83-88cm; Maturity(days)- 125; Resistance to brown rust, black rust and karnal bunt, high yellow pigment content.
Name of Crop/Enterprises:	Wheat
Recommendations for Farmers	It is a durum wheat suitable for high yield under prevalent conditions of Ujjain district.
Recommendations for Deptt. Personnel	It may be suggested for cultivating under durum wheat fields
Feedback	Farmers preferred farming of HI-8737 over Poshan wheat.

Result : (Economic Performance of OFT)

Details of technology	Name & Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Tillers/pl Yield(Q/ha) & B:C	10; 48.06	19380	92515.5	73136	4.77
T2(Recommended Practice)	Tillers/pl Yield (Q/ha) & B:C	17; 58.47	20800	112560.5	91761	5.41
T3(Recommended Practice)	Tillers/pl Yield(Q/ha) & B:C	13.4; 53.4	20700	102795	82095	4.97

2.1 Information about OFT(2):

Name of Discipline	Plant Breeding
Title of on-farm trial:	Assessment of Wheat variety Pusa Tejas (HI8759) for high yield .
Year/Season:	2019-20/Rabi
Farming situation:	Irrigated
Problem diagnosis:	Low yield due to limited irrigation
Thematic area:	Varietal Evaluation
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-	HI-8663
T2 –Recommended Practice-	HI-8759
T3- Recommended Practice-	HI-8737
Date of sowing:	Nov.-2020
Date of harvesting:	March-2021
Source of technology:	**IARI (2017)**
Characteristics of technology:	**Variety Pusa Tejas[HI 8759]; a durum wheat var.; Av. Yield >5.7 t/ha up to 76 q/ha; timely sown irrigated condition; dua pupose var. suitable for making chapati, pasta & other food products, protein(12%), Iron(42.1 ppm), zinc(42.8ppm)** Variety HI-8737: Durum wheat suitable for timely sown, irrigated conditions; Average Grain yield – 53.40 q/ha; Plant height – 83-88cm; Maturity(days)- 125; Resistance to brown rust, black rust and karnal bunt, high yellow pigment content.
Name of Crop/Enterprises:	Wheat
Recommendations for Farmers	Farmers may grow Pusa Tejas varieties in place of Poshan variety due to high yield potential of Pusa Tejas followed by Pusa Anmol.
Recommendations for Deptt. Personnel	Extension personnels may suggests for Pusa Tejas.
Feedback	Farmers happy to grow Pusa Tejas and Pusa Anmol due to high yield potential over other prevalent durum wheat varieties.

Result : (Economic Performance of OFT)

Details of technology	Name & Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield (Q/ha	53.4	19400	102795	83395	5.30
T2(Recommended Practice)	Yield (Q/ha	61.5	21100	118386	97285.58	5.61
T3(Recommended Practice)	Yield (Q/ha)	56.25	21100	108277	87177	5.13

2.1 Information about OFT(3):

Name of Discipline	Plant Breeding
Title of on-farm trial:	Assessment of soybean production technology for higher productivity in soybean - chickpea cropping system
Year/Season:	2020/Kharif
Farming situation:	RF
Problem diagnosis:	Low yield due to old var. JS 9560 & aberrations in weather
Thematic area:	Varietal Evaluation
No of trials:	10
No. of farmers involved	10
Type of OFT (Assessment/ Refinement):	**Assessment**
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	JS 95-60 **@ 80 kg/ha**
T2 –Recommended Practice-	JS 20-69**@ 80 kg/ha**
T3- Recommended Practice-	JS 2029**@ 80 kg/ha**
Date of sowing:	3rd week of June 2020
Date of harvesting:	Sept.2020
Source of technology:	**JNKVV (2016)**
Characteristics of technology:	**Soybean variety JS 20-69: mature in 93-95 days, high yielding(25-28 q /ha, multiple resistant to diseases (SMV), Seed Index(12.7g)** **Soybean-JS 20-29: Matures in 95 days, high yield (25-30 q ha-1). Multiple resistant for biotic stresses. Excellent germinability and longevity. Semi erect growth habit suitable for inter cropping**
Name of Crop/Enterprises:	Soybean
Recommendations for Farmers	Farmers should grow soybean variety JS 20-69 under medium maturity group for high yield.
Recommendations for Deptt. Personnel	Deptt. Personnel may suggest for JS 20-69 for high yield as well as tolerances to insect-pest and diseases.
Feedback	Farmers were happy with JS 20-69 due to high yield over other varieties.

Result : (Economic Performance of OFT)

Details of technology	Name & Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield(Q/ha)	9.75	18400	**39469**	21069.28	2.145069
T2(Recommended Practice)	Yield(Q/ha)	21.09	19380	85427	66046.65	4.40798
T3(Recommended Practice)	Yield(Q/ha)	17.49	19380	70828	51448.43	3.654717

2.1 Information about OFT(4):

Name of Discipline	Plant Breeding
Title of on-farm trial:	Assessment of soybean high yielding variety RVS-18.
Year/Season:	2020/Kharif
Farming situation:	RF
Problem diagnosis:	Low yield due to old var. JS 9560
Thematic area:	VE[Varietal Evaluation]
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-	JS 95-60 **@ 80 kg/ha**
T2 –Recommended Practice-	RVS-18 **@ 80 kg/ha**
T3- Recommended Practice-	-
Date of sowing:	3rd week of June 2020
Date of harvesting:	Sept.2020
Source of technology:	**RVSKVV (2016)**
Characteristics of technology:	**Soybean variety RVS-18:mature in 92 days, high yielding(23-25 q /ha, multiple resistant to diseases (SMV), Excellent germinability and longevity**
Name of Crop/Enterprises:	Soybean
Recommendations for Farmers	Farmers should grow soybean variety RVS-18 under early maturity group for high yield.
Recommendations for Deptt. Personnel	Deptt. Personnel may suggest for RVS-18 for early maturing, high yield as well as tolerances to insect-pest and diseases.
Feedback	Farmers were happy with RVS-18 due to high yield over other early maturing varieties.

Result : (Economic Performance of OFT)

Details of technology	Name and Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield(Q/ha)	8.37	18800	33882	15082	1.80
T2(Recommended Practice)	Yield(Q/ha)	14.46	19800	58573	38773	2.96
T3(Recommended Practice)	Yield(Q/ha)	8.37	18800	33882	15082	1.80

2.1 Information about OFT(5):

Name of Discipline	Agronomy
Title of on-farm trial:	Assessment of Carfentrazone ethyl for controlling annual weeds & sedges in soybean
Year/Season:	2020/Kharif
Farming situation:	RF
Problem diagnosis:	Low yield due to heavy weed infestation
Thematic area:	Integrated Weed Management
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-	**Imizathpyre**
T2 –Recommended Practice-	**Carfentrazone ethyl @ 360 g a.i. g/ha (PE)**
T3- Recommended Practice-	**Diclosulam 84% w/w @ 26 g a.i. g/ha (PE)**
Date of sowing:	3rd week of June 2020
Date of harvesting:	Sept.2020
Source of technology:	DSR(2016)
Characteristics of technology:	controlling the annual weeds & sedges
Name of Crop/Enterprises:	Soybean
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name & Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield(Q/ha)	8.19	18940	33161	14221	1.75
T2(Recommended Practice)	Yield(Q/ha)	9.45	19700	38269	18569	1.94
T3(Recommended Practice)	Yield(Q/ha)					

2.1 Information about OFT(6):

Name of Discipline	Plant Protection
Title of on-farm trial:	Assessment of IPM practice for the YMV management in soybean
Year/Season:	2020/Kharif
Farming situation:	RF
Problem diagnosis:	Low yield of soybean due to YMV
Thematic area:	Integrated Disease Management
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-	Trizophos application
T2 –Recommended Practice-	T2- Seed treatment with Thiomethoxam 30 %FS @10ml/kg seed +Yellow stricky traps 20/ha + Spray Thiamethoxam 25%WG @100ml/ha
T3- Recommended Practice-	T3- Imidachloprid @ 100 ml/ha+ removal of infected plants
Date of sowing:	3rd week of June 2020
Date of harvesting:	Sept.2020
Source of technology:	**DOSR(2012)**
Characteristics of technology:	
Name of Crop/Enterprises:	Soybean
Recommendations for Farmers	

Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name & Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	No. of infected plants /m row length , Yield (Q/ha) & B:C	0.75 4.2	26000	30000	4000	1.153846
T2(Recommended Practice)	No. of infected plants /m row length , Yield (Q/ha) & B:C	0.1 6.5	25600	31000	5400	1.210938
T3(Recommended Practice)	No. of infected plants /m row length , Yield (Q/ha) & B:C	0.15 5.6	25800	30500	4700	1.182171

2.1 Information about OFT(7):

Name of Discipline	Plant Protection
Title of on-farm trial:	Assessment of IPM module for the control of girdle beetle in soybean.
Year/Season:	2020/Kharif
Farming situation:	RF
Problem diagnosis:	Low yield due to Girdle beetle in soybean
Thematic area:	Integrated Pest Management
No of trials:	10
No. of farmers involved	10
Type of OFT (Assessment/ Refinement):	**Assessment**
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	T1-FP
T2 –Recommended Practice-	T2-Deep summer ploughing+ removal of infected plant parts+Thiocloprid @650 ml/ha
T3- Recommended Practice-	T3-Deep summer ploughing+ removal of infected plant parts+Triazophos 40EC@1.0 lit/ha
Date of sowing:	3rd week of June 2020
Date of harvesting:	Sept.2020
Source of technology:	**DOSR(2012)**
Characteristics of technology:	
Name of Crop/Enterprises:	Soybean
Recommendations for Farmers	

Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name & Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	No. of infected plants /m row leanth, Yield(Q/ha)	0.25 3.9	26500	31000	4500	1.169811
T2(Recommended Practice)	No. of infected plants /m row leanth , Yield(Q/ha)	0.12 5.1	25700	31500	5800	1.225681
T3(Recommended Practice)	No. of infected plants /m row leanth , Yield(Q/ha)	0.11 4.25	25600	32000	6400	1.25

2.1 Information about OFT(8)::

Name of Discipline	Plant Breeding
Title of on-farm trial:	Assessment of pigeon pea variety TJT-501/ 8803 for early maturity.
Year/Season:	2020/Kharif
Farming situation:	RF
Problem diagnosis:	Low yield of system productivity in pigeon pea + Wheat cropping system
Thematic area:	Varietal Evaluation
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-	**T1:Long duration variety Asha**
T2 –Recommended Practice-	**T2:TJT-501/ICPL-88039**
T3- Recommended Practice-	**T3:Pusa-992**
Date of sowing:	3rd week of June 2020[Onset of Monsoon]
Date of harvesting:	Jan.2021
Source of technology:	**RVSKVV(2009)**
Characteristics of technology:	Pigeonpea variety TJT-501/8803 It matures in 145-155 days. The variety possesses semi spreading intermediate plants with large pod,

	yellow flower and brown seed of 9.5g/100 seeds. It is resistant to *Fusarium* wilt and tolerant to *Phytophthora* blight.
Name of Crop/Enterprises:	Pigeonpea
Recommendations for Farmers	Farmers preferred early maturing and high yielding variety and TJT-501 fitted well.
Recommendations for Deptt. Personnel	Extension personnels may suggest TJT-501 for high yield under early maturity group.
Feedback	Farmers were happy with TJT-501 due to lusturous grain & high yield.

Result : (Economic Performance of OFT)

Details of technology	Name & Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield(Q/ha)	13.04	11810	71712	59902	6.07
T2(Recommended Practice)	Yield(Q/ha)	15.93	14260	87621	73361	6.14
T3(Recommended Practice)	Yield(Q/ha)					

2.1 Information about OFT(9):

Name of Discipline	Agronomy
Title of on-farm trial:	Assessment of Sub Soiler for better infiltration and drainage
Year/Season:	2020/Kharif
Farming situation:	RF
Problem diagnosis:	Poor infiltration of water due to hard clay pan
Thematic area:	Resource Conservation Technology
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-	**T1-Farmers are not using Sub soiller.**
T2 –Recommended Practice-	T2- Use of sub soiler at 5 meters Intervals
T3- Recommended Practice-	T3- Use of sub soiler at 3 meters intervals
Date of sowing:	3rd week of June 2020[Onset of Monsoon]
Date of harvesting:	Sept-2020
Source of technology:	**DSR(2010)**
Characteristics of technology:	Use of sub soiler at 15 meter 4*6 m
Name of Crop/Enterprises:	**Soybean**
Recommendations for Farmers	

Recommendations for Deptt. Personnel	
Feedback	

Result :(Economic Performance of OFT)

Details of technology	Name & Unitof Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield(Q/ha)	11.4	18500	45600	27100	2.46
T2(Recommended Practice)	Yield(Q/ha)	14.7	20400	58800	38400	2.88
T3(Recommended Practice)	Yield(Q/ha)	14.5	21500	58000	36500	2.7

2.1 Information about OFT(10):

Name of Discipline	Agronomy
Title of on-farm trial:	Assessment of IFS Models for higher and sustainable income
Year/Season:	round the year
Farming situation:	IR
Problem diagnosis:	Low income due to Lacunae of Agro-Bio-diversification
Thematic area:	IFS
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 IFS module
T2 –Recommended Practice-	Integrated Farming System(IFS) Module : Crop + Horticulture + Animal Husbandry
T3- Recommended Practice-	
Date of sowing:	-
Date of harvesting:	-
Source of technology:	IIFSR-MODIPURAM
Characteristics of technology:	
Name of Crop/Enterprises:	IFS Module
Recommendations for Farmers	

Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT) (Separate Table attached)

Details of technology	Name & Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield System productivity S I B:C Ratio					
T2(Recommended Practice)	Yield System productivity S I B:C Ratio					
T3(Recommended Practice)	Yield System productivity S I B:C Ratio					

Name of Farmer	Village	Enterprises	Gross Area (ha)	Gross Income Annual	Net Income Annual	B:C	Prod. Kg/ha/ day	Return Rs/day
Sh Ashwini Singh	**Piplyahama**	**Crop + Hort. +Dairy**	**16.02**	**2407664**	**1761524**	**3.62**	**304.2**	**4826**
Sh. Babulal	**Salakhedi**	**Crop +Dairy + Vermi**	**8.05**	**1066898**	**713500**	**2.69**	**140.3**	**1955**
Sh Rajendra Singh	**Barkhedi**	**Crop+Hort+Dairy+Fishery**	**17.79**	**4037620**	**3118685**	**4.12**	**771.4**	**8544**
Sh. Kuber Singh	**Kadwali**	**Crop+Hort+Dairy+Fishery**	**18.34**	**2339195**	**1750098**	**3.97**	**346.2**	**4795**

Sh. Ramsingh	**Kadhai**	**Crop+Hort+Dairy+Vermi**	**30.04**	**5755974**	**4309729**	**2.90**	**1148**	**11807**
Average of All Enterprises			**18**	**3121470**	**2330707**	**3.46**	**542**	**6385**

2.1 Information about OFT(11):

Name of Discipline	Agronomy
Title of on-farm trial:	Assessment of Bio-waste decomposer for quality organic product to enhance soil health
Year/Season:	round the year
Farming situation:	RF
Problem diagnosis:	Deteriorating soil organic carbon content
Thematic area:	Natural Resource Management
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-	Dumping the farm waste and residue in pits exposed to extreme weather conditions
T2 –Recommended Practice-	Apply the Bio waste decomposer 1. 250 gm consortium sufficient to decompose 10, 000 metric tonnes of waste in 30 days. 2. Mass Multiplication • Mix 2 kg of jaggery in 200 litter of water in a container and stir well. • Open the bottle and pour the contents of bottle into the solution (avoid direct contact of contents with hands). • Stir the contents of the container and cover it with a paper/cardboard etc and stir it daily once within 4 days the material is ready
T3- Recommended Practice-	-
Date of sowing:	
Date of harvesting:	
Source of technology:	NCOF Ghaziabad
Characteristics of technology:	
Name of Crop/Enterprises:	
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	Dumping the farm waste and residue in pits exposed to extreme weather conditions

Result : (Economic Performance of OFT)

Details of technology	Name & Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	• CN ratio • OC% • Time for decomposition					
T2(Recommended Practice)	• CN ratio • OC% • Time for decomposition					
T3(Recommended Practice)	• CN ratio • OC% • Time for decomposition					

Crop	Compost applied t/ha	Farmers average yield	Av yield q/ha after Intervention	% increase
Wheat	**2**	**38.5**	**45.4**	**17.9**
Soybean	**2**	**11.2**	**13.5**	**20.5**
Total		**49.7**	**58.9**	
Increase in system productivity	**-**	**-**	**9.2**	**-**
Per day increase in system productivity (kg/ha/day)	**-**	**-**	**2.52**	**-**

N	P	K
60	40	30
UREA	**SSP**	**MOP**
132 Kg	250 Kg	49.8 Kg
792	1650	946
Total Money saved	**Rs 3388**	

2.1 Information about OFT(12): (ongoing)

Name of Discipline	Plant Breeding
Title of on-farm trial:	Assessment of Wheat variety Pusa Ujala(HI-1605) for high yield.
Year/Season:	2020/Rabi
Farming situation:	IR
Problem diagnosis:	Low yield due to traditional variety
Thematic area:	Varietal Evaluation
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-	LOK-1
T2 –Recommended Practice-	HI-1605
T3- Recommended Practice-	HI-1544
Date of sowing:	Nov.-2020
Date of harvesting:	March-2021
Source of technology:	**IARI (2016)**
Characteristics of technology:	HI 1605 (Pusa Ujala). A high yielding bread wheat variety , average yield of >3.0 t/ha and potential yield up of 4.4 t/ha was released and notified under timely sown, restricted irrigation conditions. It has high levels of resistance to black and brown rust diseases, excellent chapatti making quality, high protein (~13%) and rich in micronutrients like iron (43 ppm) and zinc (35 ppm).
Name of Crop/Enterprises:	wheat
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name & Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Tillers/pl Yield & B:C					
T2(Recommended Practice)	Tillers/pl Yield & B:C	15.6;				

T3(Recommended Practice)	Tillers/pl Yield & B:C	14.8;				

2.1 Information about OFT(13): (ongoing)

Name of Discipline	Plant Breeding
Title of on-farm trial:	Assessment of Wheat variety Pusa Tejas (HI8759) for high yield.
Year/Season:	2020/Rabi
Farming situation:	IR
Problem diagnosis:	Low yield due to traditional old variety[HI-8663]
Thematic area:	Varietal Evaluation
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-	HI-8663
T2 –Recommended Practice-	HI-8759
T3- Recommended Practice-	HI-8737
Date of sowing:	Nov.-2020
Date of harvesting:	March-2021
Source of technology:	**IARI (2017)**
Characteristics of technology:	**Variety Pusa Tejas[HI 8759]; a durum wheat var.; Av. Yield >5.7 t/ha up to 76 q/ha; timely sown irrigated condition; dua pupose var. suitable for making chapati, pasta & other food products, protein(12%), Iron(42.1 ppm), zinc(42.8ppm)**
Name of Crop/Enterprises:	Wheat
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name & Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Tillers/pl					

	Yield & B:C					
T2(Recommended Practice)	Tillers/pl Yield & B:C					
T3(Recommended Practice)	Tillers/pl Yield & B:C					

2.1 Information about OFT(14):

Name of Discipline	Soil Science
Title of on-farm trial:	Assessment of INM on onion for high yield
Year/Season:	2020/Rabi
Farming situation:	IR
Problem diagnosis:	Low yield due to imbalanced fertilizer
Thematic area:	Integrated Nutrient Management
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-	FYM- 1 t N:P:K [130:30:20] per ha.
T2 –Recommended Practice-	FYM : N:P:K:S : Bio fertilizer [5 t: 180:60:70:25:5 Kg] per ha.
T3- Recommended Practice-	-
Date of sowing:	
Date of harvesting:	
Source of technology:	**NHRDF(2010)**
Characteristics of technology:	
Name of Crop/Enterprises:	Onion
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name & Unit of Parameter	Result	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Yield(Q/ha)	280	65000	256000	191000	3.938462
T2(Recommended Practice)	Yield(Q/ha)	330	60000	272000	212000	4.533333
T3(Recommended Practice)	Yield(Q/ha)	350	50000	304000	254000	6.08

2.2. Information about Extension OFT(1):

Title	Awareness of Pradhan Mantri Fasal Bima Yojana among Farmers.
Season & Year	**2020**
Problem identified	Poor knowledge regarding pradhan mantra pasal bima yojna
Thematic Area	Awareness
Farming situation	
Name of Technology under study	Farmers are not aware Pradhan Mantri Fasal Bima Yojana
Farmers Practice	Farmers are adopting pradhan mantra phasal bima yojana
No. of replication (Farmers)	**150**

Results / findings

Performance indicators/ parameters	Unit/ details	Observation		
		T1 (Farmers Practice)	T2(Recommended Practice)	T3(Recommended Practice)
To assess the level of awareness on PMFBY scheme among the farmers covered and not covered under the scheme.				
To analyze association between the level of awareness on PMFBY scheme and socio economic characteristics of the farmers covered and not covered under the scheme.				

1. **Table -Awareness on PMFBY scheme among the sample respondents.**

Variables		Farmers covered under the Scheme			Farmers not covered under the Scheme		
		High	Medium	Low	High	Medium	Low
Age (in years)	Upto30	20 (26.67)	11(14.67)	07 (9.33)	17(22.67)	07(9.33)	09(12)
	30-60	08 (10.67)	06 (8)	05(6.67)	05(6.67)	07(9.33)	08(10.67)
	60 & above	08 (10.67)	05 (6.67)	05(6.67)	07(9.33)	06(8)	09(12)
Gender	Male	25 (33.33)	17 (22.67)	10(13.33)	25(33.33)	20(26.67)	13(17.33)
	Female	11 (14.67)	07 (9.33)	05(6.67)	06(8)	05(6.67)	05(6.67)
Education	School	07 (9.33)	13 (17.33)	17(22.67)	14(18.67)	06(8)	16(21.33)
	Degree	08 (10.67)	05(6.67)	05(6.67)	07(9.33)	05(6.67)	06(8)
	Others	05 (6.67)	07 (9.33)	08(10.67)	10(13.33)	06(8)	05(6.67)
Community	OBC	31 (41.33)	10(13.33)	08(10.67)	19(25.33)	18(24)	25(33.33)
	SC/ST	-	2(2.67)	04(5.33)	-	-	2(2.67)
	Others	10 (13.33)	05 (6.67)	05 (6.67)	4(5.33)	4(5.33)	4(5.33)
Farm Income (Per annum)	Up to 3,00,000	14 (18.67)	10(13.33)	11(14.67)	06(8)	08(10.67)	13(17.33)
	3,00,000–6,00,000	11(14.67)	07(9.33)	04(5.33)	10(13.33)	12(07)	06(8)
	6,00,000 & above	08(10.67)	05(6.67)	05(6.67)	09(12)	06(8)	05(6.67)
Non Farm Income (per annum)	Up to 75,000	08(10.67)	10(13.33)	11(14.67)	17 (22.67)	08(10.67)	12(16)
	75,000 - 1,50,000	13(17.33)	08(10.67)	05(6.67)	08(10.67)	05(6.67)	09(12)
	1,50,000 & above	10(13.33)	05(6.67)	05(6.67)	06(8)	05(6.67)	05(6.67)
No. of family Members Participation	One	10(13.33)	11 (14.67)	16(21.33)	09(12)	11(14.67)	08(10.67)
	Two	11(14.67)	05(6.67)	05 (6.67)	11(14.67)	12(07)	07(9.33)
	None	05 (6.67)	05(6.67)	07(9.33)	06 (8)	06(8)	05(6.67)

Table-2 Association between Awareness on PMFBY Scheme and socio economic profile of the respondents.

Variables	Farmers covered under the Scheme			Farmers not covered under the Scheme		
	Chi square	Significance	HO	Chi square	Significance	HO
Age(in years)	0.993	0.609 NS	Accepted	8.099	0.017*	Rejected
Gender	22.189	0.000**	Rejected	0.002	0.996 NS	Accepted
Education	10.176	0.038*	Rejected	19.168	0.000**	Rejected
Farm Income(Per annum)	7.852	0.005**	Rejected	1.288	0.525 NS	Accepted
Non Farm Income	6.811	0.078NS	Accepted	0.011	0.916 NS	Accepted
No.of.Family members	1.830	0.609 NS	Accepted	10.944	0.012*	Rejected

***Significant at 5% level, ** Significant at 1 percent level, NS – Not significant**

2.2 Information about Extension OFT(2):

Title	Use of social media as a source of Agriculture Information by Farmers Friends.
Season & Year	**2020**
Problem identified	Poor awareness regarding importance of social media use in agriculture
Thematic Area	
Farming situation	
Name of Technology under study	Farmers Friends are not aware about social media
Farmers Practice	Farmers' friends use social media in agriculture
No. of replication (Farmers)	**90**

Results / findings

Performance indicators/ parameters	Unit/ details	Observation		
		T1 (Farmers Practice)	T2(Recommended Practice)	T3(Recommended Practice)
To find out the information needs of farmers Friends.	**Separate Table-1**			
To establish information seeking behavior of the farmers Friends.	**Separate Table-2**			
To determine the accessibility and utilization of agricultural information from social media among farmers Friends.	**Separate Table-3**			

1. Table-1 **Distribution of respondent according to their Information need of farmers:** This section presents findings to questions asked with a view to find out the information needs of farmers.

1.1 **Need for agricultural information:** The study first sought to establish whether or not framers required agricultural information. This would form a basis upon which to build on the use of social media as a source of the agricultural information. Figure 1 below presents the findings.

Table 1 Whether or not farmers need agricultural information

S.N.	Statement	Yes	No
1.	Need for agricultural information	68	22
2.	Search for agricultural information	58	32
3.	Availability of extension services to farmers	49	41

1.2 **Information needs sought by farmers on social media:** The study sought to establish the frequency with which various types of information needs were sought by farmers on social media. This was on a five-point likert scale, where 1= Not At All, 2= Once in a While, 3= Sometimes, 4= Fairly Often and 5= frequently.

S.N.	Statement	Not at all	Once in a while	Some Times	Fairly Often	Frequently
1.	Technological information	9	15	16	21	29
2.	Educational & training information	11	12	15	18	34
3.	Business and trade information	38	10	11	12	19
4.	Government agricultural policies and plans	29	15	9	16	21
5.	Weather condition and Environmental information	13	14	21	18	24
6.	Variety of seeds	22	15	18	19	16
7.	Agrochemicals	28	14	17	19	12
8.	Credit facilities, source, terms & conditions	29	16	19	21	05
9.	Market trend, price, and stock available	21	9	15	16	29

2. Distribution of respondent according to their Information seeking behavior: This section presents findings to questions asked with a view to establish information seeking behavior of the farmers.

2.1 **Source of agricultural information:** The study sought to establish the various avenues from which respondent farmers source their

agricultural information. This would give an indication on the place of social media as a source of agricultural information, as compared to other possible sources.

S. N.	Source of agri information	Always	Sometime	Never
1.	Television	33	29	28
2.	Radio	27	28	35
3.	News Paper	16	35	39
4.	Kisan Channel	32	28	30
5.	Agriculture Magazines	20	41	31
6.	Internet	35	26	29
7.	Progressive farmers	38	34	34

2.2 Social Media Tools: Respondents were further asked to indicate the social media tools they mostly used to obtain agricultural information. This would give an indication of the particular avenues of social media platforms farmers use in looking for agricultural information.

S. N.	Social Media	Always	Sometime	Never
1.	Whatsapp	44	35	11
2.	Facebook	35	32	28
3.	Twitter	25	35	30
4.	Youtube	35	30	25
5.	Google	38	22	30
6.	LinkedIn	11	35	45

3. Distribution of respondent according to their accessibility and utilization of agricultural information from social media among farmers friends: This section presents findings to questions asked with a view to determine the accessibility and utilization of agricultural information from social media among farmers

3.1 Frequency of access to social networking accounts: Respondents were asked to indicate how often they accessed their social networking accounts. This would give an indication to the degree of adoption of the social media among farmers in the study area

Frequency of access to social networking accounts

Social media	Hourly		Daily		Weekly		Monthly		Never	
	F	(%)	F	(%)	F	(%)	F	(%)	F	(%)
Whatsapp	58	64.44	11	12.22	10	11.11	11	12.22	0	0.0
Facebook	49	54.44	15	16.66	12	13.33	14	15.55	0	0.0
Twitter	0	0.0	13	14.44	17	18.88	21	23.33	39	43.33
Youtube	22	24.44	15	16.66	12	13.33	10	11.11	32	35.55
Google	12	13.33	11	12.22	17	18.88	13	14.44	37	41.11
LinkedIn	0	0.0	0	0.0	0	0.0	21	23.33	69	76.66

3.2 Activity in social media use for agricultural information: The study further sought to find out the degree of activity social media users in the study area engaged in with respect to their information needs.

Activity in social media use for agricultural information:

S.N.	Statement	Yes		No	
		F	%	F	%
1.	Do you post queries on social media platforms?	69	76.66	21	23.33
2.	Do you contribute to discussions on social media?	59	65.55	31	34.44
3.	Do you share agricultural information on social media?	73	81.11	17	18.88
4.	Does social media fulfill your information needs?	68	75.55	22	24.44
5.	Do you prefer obtaining your agricultural information from social media over other channels?	62	68.88	38	42.22

2.3. Information about Home Science OFT(1):

Title of on-farm trial:	Assessment of Amaranth seed for nutritional security of children
Year/Season:	Rabi 2019-20
Problem diagnosis:	Severe child malnutrition is especially high, Prevalence of anemia, Unavailability of super food like Amaranth seed
Thematic area:	Nutritional security
No of trials:	10
No. of farmers/farm women involved	10
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment:	

T1 – Farmers Practice-	
T2 –Recommended Practice-	Amaranth is considered as a “superfood” because it contains high nutraceutical values.
Source of technology:	
Characteristics of technology:	1. Amaranth is considered as a “superfood” because it contains high nutraceutical values. 2. High-quality protein, unsaturated oils, squalene, dietary fiber, tocopherols, tocotrienols, phenolic compounds, flavonoids, vitamins, and minerals. Compared to other grains. 3. Higher amount of protein, dietary fiber, calcium, iron, and magnesium.
Name of Crop/Enterprises:	Nutritional Security
Farming situation:	N/A
Date of sowing:	N/A
Date of harvesting:	N/A
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

2.3. Information about Home Science OFT(2):

Title of on-farm trial:	Assessment of Knowledge through Nutritional Game.
Year/Season:	2020/Kharif
Problem diagnosis:	Unawareness about the Nutrition
Thematic area:	Malnutrition
No of trials:	20
No. of farmers/farm women involved	20
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment:	
T1 – Farmers Practice-	Unaware about the nutrition.
T2 –Recommended Practice-	Technology
Source of technology:	**IIN-Hyderabad(2000)**
Characteristics of technology:	Nutritional security
Name of Crop/Enterprises:	Nutritional Game
Farming situation:	
Date of sowing:	onset of Monsoon 2020

Date of harvesting:	as per need
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

(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)							
T_2 (Recommended Practices)							
T_3(Recommended Practices							

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

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

Name of Enterprise : -……..

Detail of Technology	Parameter of enterprise	Production per unit (qt/no/lit)	Average Cost of input (Rs/unit	Average Gross Return (Rs/unit)	Average Net Return (Rs/unit)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T_1(Farmers Practices)						
T_2 (Recommended Practices)						
T_3(Recommended Practices)						

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

Detail of Technology	Composition of product	Production per unit	Average Cost of input (Rs/unit	Average Gross Return (Rs/unit)	Average Net Return (Rs/unit)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T_1(Farmers Practices)						
T_2 (Recommended Practices)						
T_3(Recommended Practices						

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

Name of Enterprise /product: -……(1) Nutritional security**……..**

Detail of Technology	Name of	Per	Nutrient Intake (Unit)	Anthropometric measurements

	Product/enterprise	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)))
T_1(Farmers Practices)	Wheat	100	340	11	2.7	23	177		
T_2 (Recommended Practices)	Wheat+ Amaranthus	80+20	322.2	11.6	3.68	50.2	191.2		
T_3(Recommended Practices									

(D) Economic Performance Home Science OFT: (For Nutritional security)
Name of Enterprise /product: -……(2) Nutritional Game……..

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)	Unaware about the nutrition	-	-	-	-	-	Diseases 4(20.00) Symptom 3 (15.00) Food Stuff -5(25.00%)	Unawareness about the nutrition.	
T_2 (Recommended Practices)	Technology	-	-	-	-	-	Disease-18(90.00%) Symptoms- 17 (85.00%) Food Stuff- 16 (80.00%)		
T_3(Recommended Practices									

3. Achievements of Frontline Demonstrations (FLD)

3.1 Details of FLDs on Crop implemented during Jan-2020 to Dec-2020

KV	Ye	Season	Discipline	Thematic	Technolo	Crop	Na	Nam	Farming	Comple	Crop-	Results (q/ha)	%	No. of farmers

K Name	ar		(Agronomy/Horticulture/ Soil Science/Plant Protection/Plant Breeding/ Agroforestry)	area	gy demonstrated	Category	me of Crop	e of Variety	Situation (rainfed/irrigated/semi-irrigated)	ted/Ongoing	Area (ha)	FP (T_1)	RP (T_2)	change	SC	ST	Others	General	Total
Ujjain	2020	Rabi	Plant protection	Integrated Disease Management	Trichoderma and Pseudomonas	Pulse	Chickpea	RVG-202	Semi-irrigated	complete	5	11.5	13.7	19.1	3		5	4	12
Ujjain	2020	Rabi	Soil Science	Integrated Nutrient Management	Molybdenum	Pulse	Chickpea	JAKI-9218	Semi-irrigated	complete	5	12.8	14.3	11.7	5		3	4	12
Ujjain	2020	Rabi	Plant Breeding	Varietal Evaluation	RVSKG-102	Pulse	Chickpea	RVSKG-102	Irrigated	complete	1	11.5	15.3	33	1			4	5
Ujjain	2020	Rabi	Plant Breeding	Varietal Evaluation	RVG-202	Pulse	Chickpea	RVG-202	Semi-irrigated	complete	2	12.3	16.5	34.1	2		2	1	5
Ujjain	2020	Rabi	Plant Breeding	Varietal Evaluation	DBW-110	Ccereal	Wheat	DBW-110	Semi-irrigated	complete	4	49.9	57.3	12.9	3		2	5	10
Ujjain	2020	Rabi	Plant Breeding	Varietal Evaluation	HI-8713	Cereal	wheat	HI-8713	Irrigated	complete	2	51.5	56.4	9.5	4		3	3	10
Ujjain	2020	Rabi	Agronomy	Integrated Weed Management	Clodinofop+metsulfuron 64 gai/ha	Cereal	wheat	HI-1544	Irrigated	complete	5	46.2	51.6	11.7	3		4	5	12
Ujjain	2020	Rabi	Soil Science	Integrated Nutrient Management	N: P: K (180:80:100) + 250-300 qtl. FYM	Cash	potato	Kufri chipsona-1	Irrigated	complete	1	176	211	19.9	2		2	1	5

KVK Name	Year	Season	Discipline (Agronomy/Horticulture/ Soil Science/Plant Protection/Plant Breeding/ Agroforestry)	Thematic area	Technology demonstrated	Crop Category	Name of Crop	Name of Variety	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha)	Results (q/ha)		% change	No. of farmers				
												FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Ujjain	2020	Rabi	Plant Protection	Integrated Pest Management	Spinosad 100g ai/ha + yellow sticky traps	Cash	garlic	G-282	Irrigated	complete	5	109.2	124.5	14	3		4	5	12
Ujjain	2020	Kharif	Plant Breeding	Varietal Evaluation	JS-2034	Oilseed	Soybean	JS-2034	Rainfed	complete	4	8.75	11.2	28	4		2	4	10
Ujjain	2020	Kharif	Soil Science	Integrated Plant Nutrient Management	Seed innoculation Rhizobium and PSB	Oilseed	Soybean	JS-9560	Rainfed	complete	4	9.2	10.4	13.04	3		3	4	10
Ujjain	2020	Kharif	Agronomy	Resource conservation Technology	FIRBS planting	Oilseed	Soybean	JS-9560	Rainfed	complete	4	9	11.3	25.5	2		5	3	10
Ujjain	2020	Kharif	Agronomy	Resource conservation Technology	BBF planting	Oilseed	Soybean	JS-9560	Rainfed	complete	4	8.5	10.5	23.5	1		4	5	10
Ujjain	2020	Kharif	Plant protection	Integrated Pest Management	Indoxacarb 14 sc @ 500ml/ha	Oilseed	Soybean	JS-2029	Rainfed	complete	4	8.8	10	13.6	3		2	5	10
Ujjain	2020	Kharif	Plant protection	Integrated Pest Management	Bueveria bassiana 2.5 kg/ha	Millet	Maize	Hybrids	Rainfed	complete	5	26.5	32.5	22.6	3		3	6	12

KVK Name	Year	Season	Discipline (Agronomy/Horticulture/ Soil Science/Plant Protection/Plant Breeding/ Agroforestry)	Thematic area	Technology demonstrated	Crop Category	Name of Crop	Name of Variety	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha)	Results (q/ha)		% change	No. of farmers				
												FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Ujjain	2020	Kharif	Agronomy	Integrated Crop Management	Seed+planting geometry+ INM NPKS: 20:60:20:120	pulses	Blackgram	PU-31	Rainfed	complete	5	6.5	8	23.0	2		4	6	12
Ujjain	2020	Kharif	Agronomy	Integrated Crop Management	Seed+ variety+ INM	Millet	Sorghum	CSV-31	Rainfed	complete	12	24.5	32.5	32.6	5		18	7	30

3.2 Economic Impact of Crop FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Ujjain	Tricoderma and Pseudomonas	crop	Infected plants	15	3	21500	23000	46000	54800	24500	31800	2.1	2.4
Ujjain	Molybdenum	crop	Nodules	17	29	20800	21250	51200	57200	30400	35950	2.5	2.7
Ujjain	RVSKG-102	crop	seed Index	42	58	31800	32600	46000	61200	14200	28600	1.4	1.9
Ujjain	RVG-202	crop	Seed index	22	28	21700	22750	49200	66000	27500	43250	2.3	2.9
Ujjain	DBW-110	crop	seed Index	36	44	27000	29000	99800	114600	72800	85600	3.7	4.0
Ujjain	HI-8713	crop	seed Index	39	45	27000	28750	103000	112800	76000	84050	3.8	3.9
Ujjain	Clodinofop+metsulfuron 64 gai/ha	crop	WCE	72	85	22600	23575	92400	103200	69800	79625	4.1	4.4
Ujjain	N: P: K (180:80:100) + 250-300 qtl. FYM	crop	Tubers per plant	14	22	42500	44650	193600	232100	151100	187450	4.6	5.2
Ujjain	Spinosad 100g ai/ha + yellow sticky traps	crop	Thrips / plant	42	9	48500	49750	546000	622500	497500	572750	11.3	12.5

Ujjain	Seed innoculation Rhizobium and PSB	crop	Pods/plant	17	24	21800	22700	33250	42560	11450	19860	1.5	1.9
Ujjain	FIRBS planting	crop	nodules/plant	17	30	20700	21200	34960	39520	14260	18320	1.7	1.9
Ujjain	BBF planting	crop	pods/plant	19	28	20900	21500	34200	42940	13300	21440	1.6	2.0
Ujjain	Indoxacarb 14 sc @ 500ml/ha	crop	pods/plant	16	26	20900	21500	32300	39900	11400	18400	1.5	1.9
Ujjain	Bueveria bassiana 2.5 kg/ha	crop	infected pods	7	2	20850	21450	33440	38000	12590	16550	1.6	1.8
Ujjain	Seed+planting geometry+ INM NPKS: 20:60:20:l20	crop	infected cobs	11	3	24500	25200	45050	55250	20550	30050	1.8	2.2
Ujjain	Seed+ variety+ INM	crop	pods/plant	28	42	18200	19500	27300	33600	9100	14100	1.5	1.7
Ujjain	Seed innoculation Rhizobium and PSB	crop	Cob length	17	28	18500	19700	40425	53625	21925	33925	2.2	2.7

3.3 Details of FLDs on Agriculture Engineering implemented during Jan-2020 to Dec-2020

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

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-2020 to Dec-2020

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

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-2020 to Dec-2020

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

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
Ujjain	2020	Rabi	Drudgery Reduction	Multipurpose hand drawn trolley	Crop	Multipurpose hand drawn trolley	Irrigated				10	0	2	0	12
Ujjain	2020	Kharif	Malnutrition	Vegetable Soybean-	Soybean	Karune	Crop				5	0	1	8	13
Ujjain	2020	Kharif	Malnutrition	Seasonal Vegetables	Seasonal Vegetable	Planned NKG with seasonal vegetable	Crop				7	0	3	9	19
Ujjain	2020	Kharif	Malnutrition	Seasonal Vegetables	Seasonal Vegetable	Planned NKG with seasonal vegetable	Crop								
Ujjain	2020	Kharif	Malnutrition	Seasonal Vegetables	Seasonal Vegetable	Planned NKG with seasonal vegetable	Crop								
Ujjain	2020	Kharif	Malnutrition	Seasonal Vegetables	Seasonal Vegetable	Planned NKG with seasonal vegetable	Crop								
Ujjain	2020	Kharif	Malnutrition	Seasonal Vegetables	Seasonal Vegetable	Planned NKG with seasonal vegetable	Crop								
Ujjain	2020	Kharif	Malnutrition	Seasonal Vegetables	Seasonal Vegetable	Planned NKG with seasonal vegetable	Crop								

KVK	year	Season	Thematic area	Technology	Name of Crop/	Name of	Crop- Area	Results		%	No. of farmers				
Ujjain	2020	Kharif	Malnutrition	Seasonal Vegetables	Seasonal Vegetable	Planned NKG with seasonal vegetable	Crop								
Ujjain	2020	Kharif	Malnutrition	Seasonal Vegetables	Seasonal Vegetable	Planned NKG with seasonal vegetable	Crop								
Ujjain	2020	Kharif	Malnutrition	Seasonal Vegetables	Seasonal Vegetable	Planned NKG with seasonal vegetable	Crop								
Ujjain	2020	Kharif	Malnutrition	Seasonal Vegetables	Seasonal Vegetable	Planned NKG with seasonal vegetable	Crop								
Ujjain	2020	Kharif	Malnutrition	Seasonal Vegetables	Seasonal Vegetable	Planned NKG with seasonal vegetable	Crop								
Ujjain	2020	Kharif	Malnutrition	Seasonal Vegetables	Seasonal Vegetable	Planned NKG with seasonal vegetable	Crop								
Ujjain	2020	Kharif	Malnutrition	Pro Tray	Pro Tray	Pro Tray	Crop				5	0	1	7	13
Ujjain	2020	Kharif	Nutritional security	Nutritional Garden (Roof)	Amaranthus leaves	Nutritional garden (Roof)	18"x12"x9" Size pots (20 pots)				0	0	6	0	6
Ujjain	2020	Kharif	Nutritional security	Nutritional Garden (Roof)	Fenugreek										
Ujjain	2020	Kharif	Nutritional security	Nutritional Garden (Roof)	Carrot										
Ujjain	2020	Kharif	Nutritional security	Nutritional Garden (Roof)	Radish										
Ujjain	2020	Kharif	Nutritional security	Nutritional Garden (Roof)	Bottle gourd										
Ujjain	2020	Kharif	Nutritional security	Nutritional Garden (Roof)	Beans										
Ujjain	2020	Kharif	Nutritional security	Nutritional Garden (Roof)	Spinach										
Ujjain	2020	Kharif	Nutritional security	Nutritional Garden (Roof)	Brinjal										

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
Ujjain	Multipurpose hand drawn trolley			0	0	0	0	90	66		24	0	0	0	0

***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
Ujjain	KMnO4	20	20	0	20	60	108	60	108	48	6.4
Ujjain	Pro bag*			170	150			755.6	815.4		

Demonstration of Pro Super Bag for Storage of Wheat 2020

Wheat												
Treatment	moisture %		infected grain (No./100Grains)		Wt of grain (KG)		stored insect Adult (no./100 grain)		Wt stored grain	price of grain	cost of treat ment	Net profit
	at the time storage	after Six month storage	Before storage	after storage	at the time storage	after storage						
Farmer practices T1	8.66	13.5	5.7	14.8	50	46.28	1.26	7.84	46.28	925.6	170	755.60
Recommended practices T2	8.66	9.8	5.7	7.1	50	48.27	1.16	3.4	48.27	965.4	150	815.40

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
Ujjain	Vegetable Soybean-	Soybean	Vegetable Soybean	0	100 gm/day	0	125	0	12	0	2.7	0	2.7						
Ujjain	Seasonal Vegetables	Pulse	Spinach	100 gm/day	10 gm/day	335	26	22.3	2	2.7	1.14	73	73						
Ujjain	Seasonal Vegetables	bengal gram flour	Coriander	100gm/day	100 gm/day	348	44	24.5	3.3	3.9	1.42	75	184						
Ujjain	Seasonal Vegetables		Onion		100 gm /day		50		1.2		0.6	0	46.9						
Ujjain	Seasonal Vegetables		Okra		100 gm/day		35		1.9		0.35	0	66						
Ujjain	Seasonal Vegetables		Bottle Gourd		100 gm/day		12		0.2		0.46	0	20						

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
Ujjain	Seasonal Vegetables		Chilly		100 gm/day		29		2.9		4.4	0	30						
Ujjain	Seasonal Vegetables		Tomato		100 gm/day		23		1.9		1.8	0	20						
Ujjain	Seasonal Vegetables		Brinjal		100 gm/day		24		1.4		0.38	0	18						
Ujjain	Seasonal Vegetables		Sponge Gourd		100 gm/day		18		0.5		1.51	0	26						
Ujjain	Seasonal Vegetables		Bitter Gourd		100 gm.day		25		1.6		0.61	0	20						
Ujjain	Seasonal Vegetables		Cluster beans		100 gm/day		16		3.2		1.08	0	130						
Ujjain	Seasonal Vegetables		Walore		100 gm/day		44		2.7		2	0	60						
Ujjain	Pro-Tray	Tomato	Tomato	100 gm/day	100 gm/day	23	46	1.9	3.8	1.8	13.6	20	40						
Ujjain	Nutritional Garden (Roof)	Bottle Gourd	T1+T2 Coriander	127	127+190	27	66	1.4	4.3	0.3	1.6	44.8	139.6						
Ujjain	Nutritional Garden	Smooth Gourd	Sem																

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
	(Roof)																		
Ujjain	Nutritional Garden (Roof)	Spinach	Bittergourd																
Ujjain	Nutritional Garden (Roof)	Fenugreek	Bottle Gourd																
Ujjain	Nutritional Garden (Roof)		Smooth Gourd																
Ujjain	Nutritional Garden (Roof)		Spinach																
Ujjain	Nutritional Garden (Roof)		Brinjal																
Ujjain	Nutritional Garden (Roof)		fenugreek																

3.10 Training and Extension activities conducted under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remark
Ujjain	Linseed	Field Day	01	34	
Ujjain	Chickpea	Field Day	01	43	
Ujjain	Mustard	Field Day	01	28	
Ujjain	Wheat	Field Day	01	34	

Ujjain	Soybean	Field Day	02	180	
Ujjain	Urad	Field Day	01	75	

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
Ujjain	Technology suited to the agro- climatic situations being selected through PRA	Training and demonstration	24 to 34 % increase in yield	Good scope if govt policy are favourable
Ujjain	Technology taken to farmers were in line and recommendation of NARS for the specific agro-climatic zone. Poor performance if any may be due to weather aberrations for the specific agro-climatic zone.	PRA	All technologies on an average performed better than the existing ranging from 15 to 45 percent above with good economic returns	Likely to be adopted if government policy are farmers friendly.

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Ujjain	New weed control molecules based on Cropping system research for intercrops need to provided.

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
Ujjain	Online training	Focused Group Discussion	Guradiya Gurjar, Bichrod and Kakaria 13.10.2020	35

5. TRAINING PROGRAMMES

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

Table 5.1. Details of Training programmes conducted by the KVKs for Farmers (*please fill all columns)

Name of KVK	Category (F &F W/F W)	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
Ujjain	F	OFC	**Crop Production**	Weed Management	Integrated weed management in kharif & rabi crops	1	1	10	0	5	0	0	0	26	0
-	-	-	**Crop Production**	Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-	-
Ujjain	F	OFC	**Crop Production**	Cropping Systems	Scientisit production technology of major kharif crops	2	2	25	0	28	0	16	0	35	0
-	-	-	**Crop Production**	Crop Diversification	-	-	-	-	-	-	-	-	-	-	-
			Crop Production	Integrated Farming	-	-	-	-	-	-	-	-	-	-	-
			Crop Production	Micro irrigation/irrigation	-	-	-	-	-	-	-	-	-	-	-
Ujjain	F	OFC	**Crop Production**	Seed production	Farm economy boostup through high yielding wheat variety	1	1	5	0	6	0	0	0	7	0
-	-	-	**Crop Production**	Nursery management	-	-	-	-	-	-	-	-	-	-	-
Ujjain	F	ONC	**Crop Production**	Integrated Crop Management	Integrated crop management for sustainable fertility of soil	1	1	3	0	5	0	0	0	10	0
-	-	-	**Crop Production**	Soil & water conservation	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Crop Production**	Integrated nutrient Management	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Crop Production**	Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-
Ujjain	F	OFC	**Crop Production**	Others(Pl. Specify)	Technology for climate resilient agriculture	1	1	5	0	0	0	0	0	16	0
-	-	-	**Horticulture (Vegetable Crops)**	Production of low volume and high value crops	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Vegetable Crops)**	Off season vegetables	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Vegetable Crops)**	Nursery raising	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Vegetable Crops)**	Exotic vegetables	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Vegetable Crops)**	Export potential vegetables	-	-	-	-	-	-	-	-	-	-	-

Name of KVK	Category (F &F W/F W)	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
-	-	-	**Horticulture (Vegetable Crops)**	Grading and standardization	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Vegetable Crops)**	Protective cultivation	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Vegetable Crops)**	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Fruits)**	Training and Pruning	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Fruits)**	Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Fruits)**	Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Fruits)**	Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Fruits)**	Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Fruits)**	Export potential fruits	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Fruits)**	Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Fruits)**	Plant propagation techniques	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Fruits)**	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Ornamental Plants)**	Nursery Management	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Ornamental Plants)**	Management of potted plants	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Ornamental Plants)**	Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Ornamental Plants)**	Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture (Ornamental Plants)**	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture(Plantation crops)**	Production and Management technology	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture(Plantation crops)**	Processing and value addition	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture(Plantation crops)**	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture(Tuber crops)**	Production and Management technology	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture(Tuber crops)**	Processing and value addition	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture(Tuber crops)**	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture(Spices)**	Production and Management technology	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture(Spices)**	Processing and value addition	-	-	-	-	-	-	-	-	-	-	-

Name of KVK	Category (F &F W/F W)	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
-	-	-	**Horticulture(Spices)**	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture(Medicinal and Aromatic Plants)**	Nursery management	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture(Medicinal and Aromatic Plants)**	Production and management technology	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture(Medicinal and Aromatic Plants)**	Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Horticulture(Medicinal and Aromatic Plants)**	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
Ujjain	F	OFC	**Soil Health and Fertility Management**	Soil fertility management	Beneficial soil microbes for crop production	1	1	10	0	3	0	0	0	1	0
-	-	-	**Soil Health and Fertility Management**	Integrated water management											
-	-	-	**Soil Health and Fertility Management**	Integrated Nutrient Management											
-	-	-	**Soil Health and Fertility Management**	Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Soil Health and Fertility Management**	Management of Problematic soils	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Soil Health and Fertility Management**	Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Soil Health and Fertility Management**	Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Soil Health and Fertility Management**	Balance Use of fertilizer	-	-	-	-	-	-	-	-	-	-	-
Ujjain	F	OFC	**Soil Health and Fertility Management**	Soil & water testing	Importance of soil test based fertilizer application for higher crop production	1	1	0	0	4	0	0	0	18	0
-	-	-	**Soil Health and Fertility Management**	Organic Farming	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Soil Health and Fertility Management**	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Livestock Production and Management**	Dairy Management	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Livestock Production and Management**	Poultry Management	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Livestock Production and Management**	Piggery Management	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Livestock Production and Management**	Rabbit Management	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Livestock Production and**	Animal Nutrition	-	-	-	-	-	-	-	-	-	-	-

Name of KVK	Category (F &F W/F W)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
			Management	Management											
-	-	-	**Livestock Production and Management**	Disease Management	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Livestock Production and Management**	Feed & fodder technologies	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Livestock Production and Management**	Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Livestock Production and Management**	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
Ujjain	FW	ONC	**Home Science/Women empowerment**	Household food security by kitchen gardening and nutrition gardening	Safe food & fresh nutrition through kitchen garden	2	2	1	37	2	5	0	0	0	0
Ujjain	FW	OFC	**Home Science/Women empowerment**	Design and development of low/minimum cost diet	Safty measure covid-19 virus through health food	1	1	0	0	0	3	0	0	0	8
Ujjain	FW	OFC	**Home Science/Women empowerment**	Designing and development for high nutrient efficiency diet	Low cost nutrition diet for farm woman and chield	1	1	0	2	0	9	0	0	0	1
-	-	-	**Home Science/Women empowerment**	Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-	-
	FW	OFC	**Home Science/Women empowerment**	Processing & cooking	Importance of fruit under nutrtion month	1	1	0	3	1	21	0	0	0	0
Ujjain	FW	OFC	**Home Science/Women empowerment**	Gender mainstreaming through SHGs	Income genration through processing of fruit	1	1	0	0	0	0	0	0	0	13
-	-	-	**Home Science/Women empowerment**	Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-	-
Ujjain	FW	ONC	**Home Science/Women empowerment**	Value addition	Value addition seasonal fruit, vehetable & soybean	3	3	0	38	0	12	0	0	0	26
Ujjain	FW	OFC	**Home Science/Women empowerment**	Women empowerment	Woman empowerment through kitchen garden	1	1	0	1	0	5	0	0	7	0
-	-	-	**Home Science/Women empowerment**	Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-	-	-	-
Ujjain	FW	OFC	**Home Science/Women empowerment**	Rural Crafts	SHG Formation & self employment	1	1	0	3	0	26	0	0	0	0
Ujjain	FW	OFC	**Home Science/Women empowerment**	Women and child care	Poshan hygine and cleaning	1	1	10	0	0	6	0	0	0	0
Ujjain	FW	OFC	**Home Science/Women empowerment**	Others (Pl. Specify)	Vermi compost a step to genrate empowerment among farm woman	1	1	0	11	0	0	0	0	0	4

Name of KVK	Category (F &F W/F W)	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
-	-	-	**Agril. Engineering**	Farm machinery & its maintenance	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Agril. Engineering**	Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Agril. Engineering**	Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Agril. Engineering**	Production of small tools and implements	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Agril. Engineering**	Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Agril. Engineering**	Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Agril. Engineering**	Post Harvest Technology	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Agril. Engineering**	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Plant Protection**	Integrated Pest Management	Integrated pest management in soybean	1	1	2	0	14	0	0	0	4	0
-	-	-	**Plant Protection**	Integrated Disease Management	Integrated pest management in major crops	1	1	0	0	0	0	0	0	16	0
-	-	-	**Plant Protection**	Bio0control of pests and diseases	Integrated pest & disease management through bio pesticide agent	1	1	0	0	1	0	0	0	25	0
-	-	-	**Plant Protection**	Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Plant Protection**	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Fisheries**	Integrated fish farming	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Fisheries**	Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Fisheries**	Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Fisheries**	Composite fish culture	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Fisheries**	Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Fisheries**	Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Fisheries**	Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	-

Name of KVK	Category (F &F W/F W)	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
-	-	-	**Fisheries**	Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Fisheries**	Shrimp farming	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Fisheries**	Edible oyster farming	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Fisheries**	Pearl culture	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Fisheries**	Fish processing and value addition	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Fisheries**	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Seed Production	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Planting material production	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Bio0agents production	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Bio0pesticides production	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Bio0fertilizer production	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Vermi0compost production	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Organic manures production	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Production of Bee0colonies and wax sheets	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Small tools and implements	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Production of Fish feed	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Mushroom production	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Apiculture	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Production of Input at site**	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-
Ujjain	F	OFC	**Capacity Building and Group Dynamics**	Leadership development	Leadership development among rural youth	1	1	8	0	18	0	0	0	5	0
Ujjain	F	OFC	**Capacity Building and Group Dynamics**	Group dynamics	Empowerment of rural youth through agro based entrepreneurship	1	1	0	0	10	0	0	0	14	0
Ujjain	F	OFC	**Capacity Building and Group Dynamics**	Formation and Management of SHGs	Farmers empowerment through FPO	1	1	1	0	10	0	0	0	10	0

Name of KVK	Category (F &F W/F W)	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
Ujjain	F	OFC	**Capacity Building and Group Dynamics**	Mobilization of social capital	Extension approches for sustainable agriculture	2	2	12	2	17	10	0	0	14	2
Ujjain	F	ONC	**Capacity Building and Group Dynamics**	Entrepreneurial development of farmers/youths	Marketled extension for rural entrepreneurship development	1	1	7	0	15	0	0	0	4	0
-	-	-	**Capacity Building and Group Dynamics**	WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-
Ujjain	F & FW	ONC	**Capacity Building and Group Dynamics**	Others (Pl. Specify)	Use of Social media in agriculture development	2	2	12	0	12	0	5	0	18	0
-	-	-	**Agro forestry**	Production technologies	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Agro forestry**	Nursery management	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Agro forestry**	Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-	-
-	-	-	**Agro forestry**	Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-

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

Name of KVK	Category (RY)	Training Type (ONC/OFC)	Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
-	RY	-	Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Commercial fruit production	-	-	-	-	-	-	-	-	-	-	-
-	RY	-	Integrated farming	-	-	-	-	-	-	-	-	-	-	-
Ujjain	RY	OFC	Seed production	2	2	25	0	12	0	0	0	27	0	2
Ujjain	RY	OFC	Production of organic inputs	2	2	15	0	8	0	6	0	25	0	2
Ujjain	RY	OFC	Planting material production	1	1	2	0	14	6	0	0	13	0	1
Ujjain	RY	OFC	Vermi culture	1	1	4	0	16	0	2	2	12	0	1
-	RY	-	Mushroom Production											
-	RY	-	Bee keeping											
-	RY	-	Sericulture											
-	RY	-	Repair and maintenance of farm machinery and implements											
Ujjain	RY	OFC	Value addition	2	2	0	12	0	23	0	0	0	13	2

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

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

Name of KVK	Category (IS)	Training Type (ONC/OFC)	Thematic Area of training (if other please specify name)	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4		6	7	8	9	10	11	12	13	14	15
Ujjain	IS	ONC	Productivity enhancement in field crops	Contigent plan of kharif crops	1	1	15	0	5	0	2	0	8	0
Ujjain	IS	ONC	Integrated Pest Management	Integrated pest & disease management in rabi crop	1	1	8	2	6	2	2	1	7	2
-	IS	-	Integrated Nutrient management	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Protected cultivation technology	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Production and use of organic	-	-	-	-	-	-	-	-	-	-	-

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
			inputs											
-	IS	-	Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-
Ujjain	IS	ONC	Women and Child care	Sahjan nutrition dynamite	1	1	0	15	0	12	0	3	0	10
-	IS	-	Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-	-
Ujjain	IS	ONC	Information networking among farmers	Importance of ICT in present scenerio and agri mobile app	1	1	16	6	2	0	2	0	6	0
Ujjain	IS	ONC	Capacity building for ICT application	Role of ICT In agriculture extension	2	1	10	8	5	2	5	0	6	0
-	IS	-	Management in farm animals	-	-	-	-	-	-	-	-	-	-	-
-	IS	-	Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-	-
Ujjain	IS	ONC	Household food security	Role of balance diet to control mall nutrition in child & woman	1	1	0	28	0	25	0	0	0	15
-	IS	-	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-

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

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

Name of KVK	Thematic Area	Sub Theme	Training title	Name of Crop / Enterprise	Identified Thrust Area	No of Courses	Duration of training (days)	Number of Beneficiaries							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
-	**Crop production and management**	Integrated crop management	-	-	-	-	-	-	-	-	-	-	-	-	-
Ujjain	**Crop production and management**	Organic farming	Organic Grower			1	25	3	0	7	0	1	0	9	0
	Crop production and management	**Others(Pl. Specify)**	-	-	-	-	-	-	-	-	-	-	-	-	-
-	**Post harvest technology and value addition**	Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
-	**Post harvest technology and value addition**	**Others(Pl. Specify)**	-	-	-	-	-	-	-	-	-	-	-	-	-
-	**Livestock and fisheries**	Dairy farming	-	-	-	-	-	-	-	-	-	-	-	-	-
-	**Livestock and fisheries**	Composite fish culture	-	-	-	-	-	-	-	-	-	-	-	-	-
-	**Livestock and fisheries**	Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
-	**Livestock and fisheries**	Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-
-	**Livestock and fisheries**	Poultry farming	-	-	-	-	-	-	-	-	-	-	-	-	-
-	**Livestock and fisheries**	**Others(Pl. Specify)**	-	-	-	-	-	-	-	-	-	-	-	-	-
Ujjain	**Income generation activities**	Vermi-composting	Vermi compost produce	Vermicompost		1	21	5	0	7	0	0	0	8	0
-	**Income generation activities**	Production of bio-agents, bio-pesticides,	-	-	-	-	-	-	-	-	-	-	-	-	-
-	**Income generation activities**	Bio-fertilizers etc.	-	-	-	-	-	-	-	-	-	-	-	-	-
-	**Income generation activities**	Repair and maintenance of farm machinery & implements	-	-	-	-	-	-	-	-	-	-	-	-	-
-	**Income generation activities**	Rural Crafts	Rural youth livelihood security through Mushroom production techniques	Mushroom	Unemployment	1	5	12	3	5	0	0	0	14	0
-	**Income generation activities**	Seed production	-	-	-	-	-	-	-	-	-	-	-	-	-
-	**Income generation**	Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-

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
	activities														
Ujjain	Income generation activities	Mushroom cultivation	Rural youth livelihood security through Mushroom production techniques	Mushroom		1	5	12	3	5	0	0	0	14	0
-	Income generation activities	Nursery, grafting etc.	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Income generation activities	Tailoring, stitching, embroidery, dying etc.	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Income generation activities	Agril. para0workers, para0vet training	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Income generation activities	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Agricultural Extension	Capacity building and group dynamics	-	-	-	-	-	-	-	-	-	-	-	-	-
	Agricultural Extension	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5.5. Sponsored Training Programmes

Name of KVK	Client (F&FW/FW/ RY/ IS)	Title	Thematic area	Sub-theme	Training Title	No. of courses	Duration (days)	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
								Gen		Others		SC		ST			
								M	F	M	F	M	F	M	F		
-	-	-	Crop production and management	Increasing production and productivity of crops	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Crop production and management	Commercial production of vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Crop production and management	Production and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Crop production and management	Fruit Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Crop production and management	Ornamental plants	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Crop production and management	Spices crops	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Crop production and management	Soil health and fertility management	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Crop production and	Production of Inputs at site	-	-	-	-	-	-	-	-	-	-	-	-	-

Name of KVK	Client (F &FW/FW/ RY/ IS)	Title	Thematic area	Sub-theme	Training Title	No. of courses	Duration (days)	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
								Gen		Others		SC		ST			
								M	F	M	F	M	F	M	F		
			management														
-	-	-	Crop production and management	Methods of protective cultivation	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Crop production and management	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Post harvest technology and value addition	Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Post harvest technology and value addition	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Farm machinery	Farm machinery, tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Farm machinery	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Livestock and fisheries	Livestock production and management	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Livestock and fisheries	Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Livestock and fisheries	Animal Disease Management	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Livestock and fisheries	Fisheries Nutrition	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Livestock and fisheries	Fisheries Management	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Livestock and fisheries	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Home Science	Household nutritional security	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Home Science	Economic empowerment of women	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Home Science	Drudgery reduction of women	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Home Science	Others(Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Agricultural Extension	Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	Agricultural Extension	Others(Pl. Specify)													

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

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
Ujjain	Rural Youth Livelihood Security through Mushroom Production Technique	Mushroom Production	15	5	3

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

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

Table 5.8 Subject area wise details of women farmer specific training programmes organized by KVKs during Jan-Dec-2020

Area of Training	Jan-Dec-2020	
	Courses	Participants
Household food security by kitchen gardening and nutrition gardening	2	45
Design and development of low/minimum cost diet	1	11
Designing and development for high nutrient efficiency diet	1	12
Minimization of nutrient loss in processing	0	0
Processing and cooking	1	25
Gender mainstreaming through SHGs	1	13
Storage loss minimization techniques		
Value addition	3	76
Women empowerment	1	13
Location specific drudgery reduction technologies		
Rural Crafts	1	29
Women and child care	1	16
Others-Agro-Based IGP programme Training Exposure on Sustainable Agriculture	1	15

Table 5.9 Subject area wise details of other than women farmer specific training programmes organized by KVKs during Jan-Dec-2020

Area of Training	Jan-Dec-2020	
	Courses	Participants
Crop Production	6	202
Horticulture		
Soil Health and Fertility Management	2	36
Livestock Production and Management	0	

Agril. Engineering	0	
Plant Protection	3	62
Fisheries	0	
Production of Input at site		
Capacity Building and Group Dynamics	8	206
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)
Ujjain	Self Employement of Rural Youth girls through Handicraft material preparation	47	0	75	0	0	0	20000	75 % change in knowledge	5	01 Block printing unit at Chandesari Village

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants (only in no., "please don't give "mass") *								Remarks		
				Farmers (Others)		Farmers SC		Farmers ST		Extension Officials		Purpose	Topics	Crop Stages
				M	F	M	F	M	F	M	F			
-	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Advisory Services	-	-	-	-	-	-	-	-	-	-	-	-	-

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants (only in no., "please don't give "mass") *								Remarks		
				Farmers (Others)		Farmers SC		Farmers ST		Extension Officials		Purpose	Topics	Crop Stages
				M	F	M	F	M	F	M	F			
Ujjain	Plant/Animal Health Camp	2	0	0	0	0	0	0	0	0	0			
Ujjain	Awareness programme	2	2	25	0	16	0	0	0	4	3			
Ujjain	Celebration of important days	3	3	61	13	57	1	31	0	5	3			
Ujjain	Diagnostic visits	30	36	338	0	85	5	6	4	12	5			
Ujjain	Exhibition	2	0	0	0	0	0	0	0	0	0			
Ujjain	Exposure visits	1	2	55	5	45	4	2	1	5	3			
Ujjain	Extension literature	12	5	115	15	65	18	4	2	6	2			
Ujjain	Ex-trainees Sammelan	2	2	15	2	12	2	2	2	5	3			
Ujjain	Farmers visit to KVK	92	115	445	65	335	45	15	10	12	6			
Ujjain	Farm Science Club	1	0	0	0	0	0	0	0	0	0			
Ujjain	Farmers Seminar/Workshop	1	1	45	5	35	2	2	2	4	2			
Ujjain	Field Day	5	7	337	0	68	0	3	0	18	3			
Ujjain	Film Show	16	18	456	15	338	15	15	12	12	5			
Ujjain	Group Discussion	5	5	45	5	35	2	2	1	5	3			
Ujjain	Kisan Ghosthi/Sammelan	2	2	65	5	35	2	5	4	5	2			
Ujjain	Kisan Mela	1	0	0	0	0	0	0	0	0	0			
Ujjain	Krishi Mahotsav	0	0	0	0	0	0	0	0	0	0			
Ujjain	Lectures delivered as resource persons	20	25	335	15	185	65	55	25	18	6			
Ujjain	Mahila Mandals conveners meetings	1	1	0	15	0	12	0	2	4	2			
Ujjain	Method Demonstrations	1	1	15	5	12	4	5	2	5	3			
Ujjain	Pradhanmantri phasal beema yojana	2	0	0	0	0	0	0	0	0	0			
Ujjain	Scientific visit to farmers field	50	60	125	15	85	15	5	2	12	6			
Ujjain	Self Help Group conveners meetings	5	6	18	12	16	8	2	5	5	3			
Ujjain	Soil health Camp	2	1	15	2	12	2	2	1	5	2			
Ujjain	Soil test campaigns	2												
Ujjain	Special Day Celebration (please specify name)	0	1	25	0	35	0	2	0	10	4			
Ujjain	Technology Week	1	1	77	5	45	4	1	1	5	3			
Ujjain	Others	10	12	356	155	225	45	15	5	15	5			

Mass media used for wide publicity

Name of media	Number of events/activity	Name of channel/ Newspaper used	Place of delivery or publication	Coverage of the media (Local/ Regional/National)
CD/DVD	18	KVK, Ujjain	KVK, Ujjain	Local
Radio talks	10	AIR, Indore	AIR, Indore	Regional
TV talks	4	DD Bhopal	DD Bhopal	National
Newspaper coverage	35	Local News paper	Ujjain	Regional as well as National
Kisan Mela	NA	NA	NA	Not organized due to covid-19
Extension Litrature	5	KVK, Ujjain	KVK, Ujjain	Local
Internet (Youtube)	3	kvk ujjain	Public	National
Social media (Whats App, Facebook, Instagram, Twitter etc.)	98	kvkujjain	Public	National

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

7.1 KVK Newsletters (Jan to Dec. 2020)

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.
Ujjain	January to March 2020	Q1	1000	950	Farmers
Ujjain	April to June 2020	Q2	1000	950	Farmers
Ujjain	July to September 2020	Q3	1000	950	Farmers
Ujjain	October to December 2020	Q4	1000	950	Farmers

7.2 Literature developed/published

KVK Name	Type	Number (please don't give mass please fill number only)	Number of copies printed (please don't give mass please fill number only)
Ujjain	Abstract	5	5
Ujjain	Book	0	0
Ujjain	Book Chapter	3	3
Ujjain	Booklet	0	0
Ujjain	CD/DVD	3	3

KVK Name	Type	Number (please don't give mass please fill number only)	Number of copies printed (please don't give mass please fill number only)
Ujjain	Leaflets/ Folder/ Pamphlet	2	200
Ujjain	Popular article	7	7
Ujjain	Research Paper	5	
Ujjain	Technical Bulletin	0	0
Ujjain	Training Manual	0	0
Ujjain	Technical Report	2	2
Ujjain	Year Planner	1	100
Ujjain	Others (pl. specify)	0	0

Research paper /Review paper published during Jan to Dec. 2020

Name of KVK	Title of Research/Review paper	Authors/credit line	Name of Journal	Type of journal (National/International)	NASS Rating (2020) /impact factor
Ujjain	Performance of DBW 110 and HI 8737 Varieties of Wheat under Limited Irrigation Conditions of Madhya Pradesh	Shaktawat,RPS Tomar Divakar Singh and Ajay Kumar Panika	Jr. of Krishi Vigyan Kendra, Society of Krishi Vigyan Kendra, Kapurthala (Punjab). Jan- Apr 2020, 8 (2) : 219-222	National	4.41
Ujjain	On Farm Water Harvesting: Promising Intervention towardsCrop Diversification and Doubling Farmers Income In Drought ProneCentral Province of India.	D.S.Tomar, Ishwar Singh and Rekha Tiwari	International Journal of Current Microbiology and Applied Sciences	International	5.38
Ujjain	Edamame Cultivation: An opportunity to income generation for doubling the income of farm women.	Tiwari Rekha and Tomar D.S.	Journal of Pharmacognosy and Phytochemistry	International	5.21
Ujjain	Performance of Soybean Varities to level of fertility and vermi compost under	Rajiv Jatav and Hanraj Jatav	International Journal of Plant Science	International	4.31

Name of KVK	Title of Research/Review paper	Authors/credit line	Name of Journal	Type of journal (National/International)	NASS Rating (2020) /impact factor
	agroclimatic condition of vindhlyacahal platue.				
Ujjain	EFFICACY OF CHEMICAL INSECTICIDES AGAINST BIHAR HAIRY CATERPILLAR SPILOSOMA OBLIQUA WALKER (LEPIDOPTERA: ARCTIIDAE), UNDER LABORATORY CONDITION	SURYAWANSHI D.K., TRIVEDI H.K., JATAV H.R. AND KUREEL M.K	International Journal of Agriculture Sciences	International	3.6

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD/DVD)	Title of the programme	Number
Ujjain	CD	Virtual Visit of KVK	**1**
Ujjain	CD	Jeevamrit	1
Ujjain	CD	Beejamrit	1

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Crop Category	Name of Crop	Variety (pl. give the name of variety instead of local)	Quantity (qt.)	Value (Rs.)	Provided to no. of Farmers/society	Expected area coverage (ha.)
Ujjain	Oilseed	Soybean	JS 20-29	8	93000	1	14
Ujjain	Oilseed	Soybean	RVS 2001-4	16.4	204600	2	29
Ujjain	Pulse	Chickpea	RVG-201	40	496000	1	66
Ujjain	Pulse	Chickpea	RVG-202	126.8	1572320	15	211
Ujjain	Cereal	Wheat	HI 8759 (Pusa Tejas)	94.4	688648	32	104

8.2 Planting Material production

KVK Name	Major group/class	Name of Crop	Variety (pl. give the name of variety instead of local)	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Ujjain	Vegetable	Eggplant	Hybrid	1490	2235	40	2
Ujjain	Vegetable	Chili	Hybrid	2369	3554	45	2.5
Ujjain	Vegetable	Tomato	Hybrid	3340	5010	47	3
Ujjain	Vegetable	Cabbage	Hybrid	220	330	7	0.2
Ujjain	Vegetable	Cauliflower	Hybrid	25	37	1	0
Ujjain	Vegetable	Drumstick	PKM-1	229	2748	6	0.4
Ujjain	Flower	Rose	Desi	3	49	2	0
Ujjain	Fruits	Papaya	Desi	56	840	7	
Ujjain	Fuits	Jackfruit	Desi	5	100	2	
Ujjain	Fuits	Custard Apple	Desi	205	3075	3	0.5
Ujjain	Fuits	Bael	Desi	2	60	2	
Ujjain	Fuits	Citrus	Parmalini, Vikram	10	250	4	
Ujjain	Fruits	Karonda	Desi	6	60	4	
Ujjain	Fruits	Guava	Desi	152	2280	1	0.5
Ujjain	Fuits	Jamun	Desi	4	60	3	
Ujjain	Fruits	Aonla	Desi	3	30	2	
Ujjain	Spice	Meetha Neem	Desi	8	120	3	
Ujjain	Medicinal	Gilloy	Desi	38	760	8	
Ujjain	Fruit Orchard	Guava and Aonla			51000		

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
	Bio Fertilizers	Non Symbiotic Azotobacter					
Ujjain		Vermicompost	4773.5		43565	70	4.77
		Azolla					
		Earthworms					
		Compost					
		Blue green algae					
		NADEP					
		Sanjeewani Khad					
		Acetobactor					
		Aspergillius					
		Azatobactor					
		Azospirillum					
		Phosphate solublizing Bacteria					
		Rhizobium					
		Other (pl. sp.)					
	Bio-Food	Spirulina					
		Honey					
		Any Other (pl. sp.)					
	Bio Pesticides	Neem extract					
		Neem powder					
		Tobacco extract					
		Trichoderma viride					
		Trichoderma harjinum					
		Trichogramma chilonis					
		Beauveria bassiana					

KVK Name	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.), if applied
		Metarhizium anisopliae					
		Pseudomonas fluorescens					
		SlNPV					
		HaNPV					
		GF1					
		Baco Lures					
		Heli Lures					
		Leucin Lures					
		Paeciliomyces					
		Panchagavya					
		Verticillium					
	Bio Agents (Tricho card)	Trichogramma chilonis					
		Chrysoperla carnea					
		Tricho card					
		Any other **(Pl. Specify)**					
	Bio Agents (Pyrilla parasitoids)	Ooincirtus papilionis					
		Epiricania melanolauca					
	Bio Agents(Worms)	Eisenia fetida					
		Eudrilus eugeniae					
		Earth worm					
		Any other **(pl. specify)**					
	Others	Mushroom spawn					
		Mineral Mixture					
		Cow dung (dry)					
		Any other **(pl. specify)**					

8.4 Livestock and fisheries production

KVK Name	Type	Name of the animal / bird / aquatics	Breed	Type of Produce	Quantity		Value (Rs.)	No. of Beneficiaries
					unit (kg/qt./liter/no)	Qty.		
Ujjain	Dairy animals	Cow	7	Milk	liter	7519	331209	28
Ujjain		Calves	7	Calves	number	2	15000	2
Ujjain		Goats	18	Livestock	number	10	176000	1
Ujjain		Buffaloes	2	Buffaloe	number	1	34050	1
		Sheep						
		Breeding bull						
		Other (pl specify)						
	Poultry	Poultry						
		Japanese quail						
		Japanese quail eggs						
		Ducks						
		Turkey						
		Other						
	Piggery	Piglets						
		Boar						
		Sow						
		Other (pl specify)						
	Fisheries	Indian carp						
		Exotic carp						
		Other (pl specify)						

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed during Jan to Dec. 2020 :

KVK Name	Status of establishment of Soil testing Laboratory (Y/N) and year, if yes	Soil Testing Kits till date		No of soil samples		No. of Samples analyzed			No. of Farmers benefited			No. of Villages covered	Amount realized	Soil health card distributed to the farmers by KVK (Nos)	
						by KVKs		By Department	By KVK		By Department				
		Sanctioned	Procured	Collected by KVKs	Provided by Dept./ DDA	Mini Soil Testing kit	Soil testing laboratory		Mini Soil Testing kit	Soil testing laboratory				Through Mini Soil Testing kit	Through Soil testing laboratory
Ujjain	Yes	1	1	700	0	0	700	0	0	700	0	25	147425	0	700

9.2 Details of water samples analyzed so far :

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

9.3 Details of Plant samples analyzed so far :

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

10. Rainwater Harvesting

10.1. Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RY/EF)	No. of Courses	No. of Participants								
					SC		ST		Other		General		Total
					Male	Female	Male	Female	Male	Female	Male	Female	
Ujjain	06-03-2020	Irrigation Facility through RWH unit	PF	1	5	0	0	0	15	0	10	0	30

10.2. Information of Visit in Rainwater Harvesting Demonstration Unit

Name of KVK	No. of Training programmes under Rain water Harvesting	No. of Demonstrations	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)
Ujjain	1	4	0	100	4

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	
Ujjain	20-08-2020	Technology for climate resilient agriculture	PF	1	0	0	0	0	5	0	15	0	20

12. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	No. of trainees/ farmers/ visitors stayed	Duration of Stay (days)	Reason for vacant farmers hostel (if any)	Accommodation available in F.H. (No. of beds)
Ujjain	December	2020	13	5	NA	14

13. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Ujjain	2007	2011	6	0	

14. Details of SAC Meeting during Jan to Dec. 2020

KVK Name	Date of SAC meeting 2020	No. of SAC members (only) attended	Major action points*
Ujjain	24-07-2020	29	1. Demonstration must include the wheat varieties that are used in processing
Ujjain			2. Encourage the use of organic insecticide and pesticide in Mango, Guava and Lemon orchard
Ujjain			3. Extension of Ridge and Furrow and Broad Bed Furrow planting techniques among farmers
Ujjain			4. Tuber crops must be encouraged.
Ujjain			5. Expand the area of IFS unit of KVK
Ujjain			6. Increase the number of Income generation activities.
Ujjain			7. Increase the Fodder production for round the year availability
Ujjain			8. Increase the Seed Production
Ujjain	30-09-2020	34	1. Study the Socio-economic impact of new wheat varieties and their area expansion.
Ujjain			2. Connect the farmers with more than one agri-based entrepreneur to make agriculture as profitable business.
Ujjain			3. Extension of KVK Vermicompost unit among farmers.
Ujjain			4. Increase the production of vermicompost
Ujjain			5. More and More seedlings must be prepared and sell through sales counter for increasing the revolving fund
Ujjain			6. Publication of success stories of IFS unit established by farmers on their farm.
Ujjain			7. Increase the training on processing with Horticulture department.
Ujjain			8. Training must be organize for fertilizer and Insect Control in organic farming

15. Footfall of farmers in KVKs (Jan. 2020 to Dec. 2020)

Name of KVK	Footfall during 2020			
	No. of Farmers	No. of officials	No. of VIPs	Total
Madhya Pradesh	Ujjain	1653	45	13

***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 advisory sent	No of Messages sent	No. of farmers received messages	Total no of villages in District	No of village Covered by KVK through KMA
Ujjain	1	Crop Management	Crop Production Technology	889	13	13	63808	1095	1095
			Integrated Farming		0	0			
			Field Preparation		4	4	63808		
			Any Other (Specify)		0	0			
	2	Weather	Advisory		4	4	63808		
			Change in variety		0	0			
			Change in Sowing technique		0	0			
			Climate forecast		0	0			
			Any Other (Specify)		0	0			
	3	Soil Management	Soil Testing		0	0			
			INM		4	4	63808		
			Fertilizer Application		0	0			
			Vermicomposting/ bio-waste recycling		0	0			
			Bio-fertilizer		0	0			
			Any Other (Specify)		0	0			
	4	Disease & Pest Management	Disease Management		4	4	63808		
			Pest Management		8	8	63808		
			Preventive Advisory Disease Management		1	1	63808		
			Preventive Advisory Pest Management		4	4	63808		
			Bio-pesticides		0	0			
			Any Other (Specify)		1	1	63808		
	5	Nutrition Security	Nutrition Awareness		1	1			

KVK	S. No.	Thematic area	Particulars	No of Calls	No of advisory sent	No of Messages sent	No. of farmers received messages	Total no of villages in District	No of village Covered by KVK through KMA
		& Women Empowerment	Kitchen garden		0	0			
			Value Addition and Processing		0	0			
			Drudgery Reduction		0	0			
			Entrepreneurship & Income Generation		0	0			
			Advisory		0	0			
			Any Other (Specify)		0	0			
	6	Horticulture	Vegetable		4	4	63808		
			Fruit		0	0			
			Hi Tech Horticulture		0	0			
			Any Other (Specify)		0	0			
	7	Livestock	Feed and Fodder		0	0			
			Dairy Management		0	0			
			Fisheries		0	0			
			Poultry Management		0	0			
			Vaccination & Disease management		0	0			
			Any Other(Specify)		0	0			
	8	Farm Mechanization			0	0			
	9	Extension			5	5			
	10	Organic Farming			0	0			
	11	Marketing			4	4	63808		
	12	Awareness			0	0			
	13	Other Enterprise			0	0			
	14	Any Other(Specify)			2	2	63808		

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)

-	-	-	-	-	-	-

18. Status of Contingency Utilization Jan-Dec-2020

Name of KVK	Total Contingency allotted (Rs.)	Fund used by KVKs (Rs)			Balance (Rs.)
		Activities	No of Activities	Exp (Rs)	
Ujjain	1100000	OFT		45824	302423.32
		FLD **(other than CFLD)**		54513.65	
		Training		31543	
		Extension Activities		119163	
		SAC Meeting			
		Special Programme **(Pl. Specify)**			
		Others **(Pl. Specify)**		797576.68	

19. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance on 01 .01.2020 (Rs.)	Closing balance 31.12.2020 (Rs.)	Name of major source of revolving fund
Ujjain	1450110065738	1103454	1428300	Dairy, Goatry, STL, Vermi Compost and Orchard

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
Ujjain	Pandit Deen Dayal Upadhyay Krishi Purotsahan Puraskar(Zonal)	Institute	National	ICAR, New Delhi	7.5
Ujjain	Best KVK Scientist Award/Dr. D.S.Tomar	Individual	National-Agro Environmental Development Society,Rampur, UP	National-Agro Environmental Development Society, Rampur, UP	N/A
Ujjain	Best Women Scientist Award/ Dr. Rekha Tiwari	Individual	National- Society of Krishi Vigyan Kendra	National- Society of Krishi Vigyan Kendra	N/A
Ujjain	Excellence in Research Award/Dr. Rekha Tiwari	Individual	National-Agro Environmental	National-Agro Environmental	N/A

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Award category (local/ Regional/ National)	Awarding Organizations	Amount received
			Development Society,Rampur, UP	Development Society, Rampur, UP	
Ujjain	Distinguished Scientist Award/ Dr. D.S.Tomar	Individual	National- Society of Krishi Vigyan Kendra	National- Society of Krishi Vigyan Kendra	N/A
Ujjain	Young Women Scientist Award/ Dr. Moni Singh	Individual	National-Agro Environmental Development Society,Rampur, UP	National-Agro Environmental Development Society, Rampur, UP	N/A

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

Name of 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
Ujjain	24	Oilseed	Soybean	JS 2034	RVS-18
Ujjain	24	Oilseed	Soybean	JS 20-116	
Ujjain	24	Oilseed	Soybean	RVS-24	
Ujjain	24	Oilseed	Soybean	RVS-18	
Ujjain	24	Oilseed	Soybean	RVS-76	
Ujjain	24	Oilseed	Soybean	NRC-86	
Ujjain	24	Oilseed	Soybean	RVS 2001-4	
Ujjain	24	Oilseed	Soybean	JS 95-60	
Ujjain	24	Oilseed	Soybean	JS 20-94	
Ujjain	24	Oilseed	Soybean	JS 20-69	
Ujjain	24	Oilseed	Soybean	MACS-1520	
Ujjain	24	Oilseed	Soybean	JS 97-52	
Ujjain	24	Oilseed	Soybean	PS -1422	
Ujjain	24	Oilseed	Soybean	JS 20-29	
Ujjain	24	Pulse	Greengram	HUM-1	TJM-3
Ujjain	24	Pulse	Greengram	TJM-3	
Ujjain	24	Pulse	Greengram	TM-37	
Ujjain	24	Pulse	Greengram	TM 99-50	
Ujjain	24	Pulse	Greengram	TARM-1	
Ujjain	24	Pulse	Greengram	JM-721	

Name of 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
Ujjain	24	Pulse	Greengram	Ganga-8	
Ujjain	24	Pulse	Greengram	BPMR-145	
Ujjain	24	Pulse	Greengram	PM-5	
Ujjain	24	Pulse	Greengram	BM-4	
Ujjain	24	Pulse	Blackgram	PU-1	PU-1
Ujjain	24	Pulse	Blackgram	JU-86	
Ujjain	24	Pulse	Blackgram	JU-2	
Ujjain	24	Pulse	Blackgram	UTTRA	
Ujjain	24	Pulse	Blackgram	JU-3	
Ujjain	24	Pulse	Blackgram	AU-1	
Ujjain	24	Pulse	Blackgram	PU-35	
Ujjain	24	Pulse	Blackgram	AK-321	
Ujjain	24	Pulse	Blackgram	PU-30	
Ujjain	24	Pulse	Blackgram	T-9	
Ujjain	24	Pulse	Pigeonpea	TJT-501	P. Arhar-2002
Ujjain	24	Pulse	Pigeonpea	P. Arhar-2002	
Ujjain	24	Pulse	Pigeonpea	P. Arhar-2009	
Ujjain	24	Pulse	Pigeonpea	P. Arhar-992	
Ujjain	24	Pulse	Pigeonpea	JKM-7	
Ujjain	24	Pulse	Pigeonpea	Asha	
Ujjain	24	Cereals	Maize	Lal Makka	NK-6240
Ujjain	24	Cereals	Maize	P-3101	
Ujjain	24	Cereals	Maize	NK-6240	
Ujjain	24	Cereals	Maize	S-6304	
Ujjain	24	Cereals	Maize	IA-1122	
Ujjain	24	Cereals	Wheat	HD-2932	HI-8759
Ujjain	24	Cereals	Wheat	HI-1531	HI-1605
Ujjain	24	Cereals	Wheat	HI-8627	
Ujjain	24	Cereals	Wheat	HI-8713	
Ujjain	24	Cereals	Wheat	HI-8663	
Ujjain	24	Cereals	Wheat	MP-1203	
Ujjain	24	Cereals	Wheat	HI-8737	
Ujjain	24	Cereals	Wheat	HI-8759	

Name of 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
Ujjain	24	Cereals	Wheat	HD-2987	
Ujjain	24	Cereals	Wheat	HI-1605	
Ujjain	24	Cereals	Wheat	HI-1544	
Ujjain	24	Cereals	Wheat	HD-2930	
Ujjain	24	Cereals	Wheat	HI-8777	
Ujjain	24	Cereals	Wheat	RVW-4106	
Ujjain	24	Cereals	Wheat	DBW-110	
Ujjain	24	Cereals	Wheat	Black wheat	
Ujjain	24	Cereals	Wheat	GW-366	
Ujjain	24	Cereals	Wheat	HD-2864	
Ujjain	24	Cereals	Wheat	GW-3020	
Ujjain	24	Cereals	Wheat	MP-3366	
Ujjain	24	Cereals	Wheat	MPO-1215	
Ujjain	24	Cereals	Wheat	Pusa Gold	
Ujjain	24	Pulse	Chickpea	RVKG-101	RVG-202
Ujjain	24	Pulse	Chickpea	RVSKG-102	
Ujjain	24	Pulse	Chickpea	PKV-4	
Ujjain	24	Pulse	Chickpea	KRIPA	
Ujjain	24	Pulse	Chickpea	JKG-3	
Ujjain	24	Pulse	Chickpea	KAK-2	
Ujjain	24	Pulse	Chickpea	DOLLAR	
Ujjain	24	Pulse	Chickpea	Phule Vikram	
Ujjain	24	Pulse	Chickpea	HC-5	
Ujjain	24	Pulse	Chickpea	RVG-201	
Ujjain	24	Pulse	Chickpea	RVG-202	
Ujjain	24	Pulse	Chickpea	RVG-203	
Ujjain	24	Pulse	Chickpea	JAKI-9218	
Ujjain	24	Pulse	Chickpea	JG-412	
Ujjain	24	Pulse	Chickpea	RSG-973	
Ujjain	24	Pulse	Chickpea	Digvijay	
Ujjain	24	Pulse	Chickpea	JG-2	
Ujjain	24	Pulse	Chickpea	JG-16	
Ujjain	24	Pulse	Chickpea	GG-2	

Name of 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
Ujjain	24	Pulse	Chickpea	U-21 etc.	
Ujjain	24	Oilseed	Mustard	Pusa Jaikisan	RH-749
Ujjain	24	Oilseed	Mustard	RVM-2	
Ujjain	24	Oilseed	Mustard	RH-530	
Ujjain	24	Oilseed	Mustard	RH-749	
Ujjain	24	Oilseed	Mustard	Geeta	
Ujjain	24	Oilseed	Mustard	Urvashi	
Ujjain	24	Oilseed	Mustard	Maya	
Ujjain	24	Oilseed	Mustard	Navgold	
Ujjain	24	Oilseed	Mustard	RVM-1	
Ujjain	24	Oilseed	Mustard	JMWR 8-3	
Ujjain	24	Oilseed	Mustard	JM-3	
Ujjain	24	Oilseed	Mustard	NRCYS 05-02	
Ujjain	24	Oilseed	Linseed	JLS-66	JLS-66
Ujjain	24	Oilseed	Linseed	JLS-67	
Ujjain	24	Oilseed	Linseed	JLS-79	
Ujjain	24	Oilseed	Linseed	RLC-148	
Ujjain	24	Oilseed	Linseed	JLS-27	
Ujjain	24	Oilseed	Linseed	JLS-95	
Ujjain	24	Oilseed	Linseed	JLS-73	
Ujjain	24	Spice	Fenugreek	RMt-143	RMt-305
Ujjain	24	Spice	Fenugreek	RMt-305	
Ujjain	24	Spice	Fenugreek	RMt-351	
Ujjain	24	Spice	Fenugreek	RMt-361	
Ujjain	24	Spice	Fenugreek	RMt-303	
Ujjain	24	Spice	Fenugreek	AFG-3	
Ujjain	24	Pulse	Lentil	JL-1	JL-3
Ujjain	24	Pulse	Lentil	JL-3	

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	Ujjain	Dashrath Singh Patel	Refinement in Tractor Drawn Blade	Village-Chakrawada, Block	9589925169

			Harrow	Ghattiya, Ujjain 456006	
2	Ujjain	Ishwar Singh	Organic Insecticide prepared by using 20 types of leaves and tested with different concentration	Village-Guradiya Gurjar, Post-Mudayda, Block-Ghattiya, Ujjain	9691773473

***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
Ujjain	26-09-2020	45
Ujjain	12-10-2020	25

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
Ujjain	6	1095	6	6	38	1095

Total 1101

Inhabitant 1095

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	
Ujjain	Shajapur	SAC	1	1	
Ujjain	Indore	SAC	1	1	Information on Breed of Goat
Ujjain	Agar-Malwa	SAC	1	1	

27. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Ujjain	Gaya Prasad, Former VC, SVPUAT, Meerut	05-02-2020		Yes		The KVK is doing substantial work in showcasing the new technologies of agriculture & allied sectors
Ujjain	Dr. Ramchandra, Former Assistant Director, New Delhi				Yes	
Ujjain	Dr. Y.P.S. Dabas, Former Director Extension, Pantnagar		Yes			
Ujjain	Dr. Mathura Rai, Former Director, Indian Vegetable Research Institute, Varanasi		Yes			
Ujjain	Dr. S.N.Upadhyay, DES, RVSKVV, Gwalior			Yes		
Ujjain	Dr. S.R.K. Singh, Principal Scientist, ATARI, Jabalpur		Yes			
Ujjain	Dr. O. P. Singh				Yes	Very good work is being done at the KVK. Appreciations for team work
Ujjain	Ravi Prakash Singh, Global Wheat Programme, Mexico	23-02-2020			Yes	I am highly impressed to see diversified extension program to support farmers and agricutlur. Also great to see a strong linkage and collaboration between KVK scientists and IARI-Indore wheat team, obviously good result are seen in farmer's field. Thanks for your time on sunday to show the program.
Ujjain	Dr. Sai Prasad, Director, IARI, Indore	23-02-2020	Yes			
Ujjain	Kaon Fumyama, JAIKA Representative	13-03-2020			Yes	I am greatful to visit KVK Ujjain. It was evident that KVK provides number of training program and demonstrations on soybean to farmers. Through interaction with the farmers, we were able to learn the benefits they are obtaining from the programme and

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
						KVK impact. Thank you ver much for receiving in and wish you all the best for your development and enhanced agricultural activities.
Ujjain	Tomobivo Nagoya, JAIKA Representative	13-03-2020			Yes	It is very effiicent agricultural place. The staffs are very active. So I understood the method of agriculture in Ujjain very well. Thank You
Ujjain	Ram Gopal Patidar	28-08-2020			Yes	आज कृषि विज्ञान केंद्र उज्जैन का दौरा किया हमें बकरी पालन
Ujjain	Dr. S.R.K. Singh, Director (Acting), ATARI, Jabalpur	28-11-2020	Yes			Today I visited KVK premises and found things well placed and impressively displayed. Animal Science component is getting at higher pace. I wish for bringht future of all staffs. With Best Wishes.
Ujjain	Sh. Ranjeet Singh Rana, Board Member, RVSKVV, Gwalior	12-12-2020		Yes		

28. Status of KVK Website during Jan to Dec. 2020

S.No	Name of KVK	Date of start of website	Address of Website	No. of updates during 2020	No. of visitors during 2020	Flag Collected	Year Planner
1	**Ujjain**	**08-05-2011**	**https://kvkujjain.org**	**48**	**6002**	**120**	

29. Mobile Apps developed by KVK

S.No	Name of KVK (Developer)	Name of Host organization	Title of Mobile App	Content (in one line)	Languages (in which app developed)	Number of downloads	Total expenditure incurred in developing app (Rs.)
1	Ghazala Khan	RVSKVV, Gwalior	KVK Ujjain	Hybrid app of KVK Ujjain which contains the information posted on website	Android Operating System, Language Java	**	0

**KVK Ujjain hybrid app is under testing by Google

30. ICT based module

30.1 Information on Whats app in social media by KVK

KVK	Discipline wise group with name of discipline	No of Farmer members	Activity details on whats app group
Ujjain	KVK Ujjain - Extension	228	Sharing of Agromet Advisory, Important Activities, Links for registration of webcasting of programme, advisory during outbreak of locust attack
Ujjain	KVK Ujjain Trainees - Extension	50	Training related information. Mushroom trainees group
Ujjain	Awantika Anndata -Agronomy	47	Crop related information like IDM, ICM, INM etc.
Ujjain	Aprajita- Home Science	8	Home Science related information
Ujjain	e-farmers- Computer	20	Online training, online programm information and ICT related information

30.2 Information on social media by KVK

KVK	Facebook			Twitter		Instagram	
	Scientists linked	Farmers connected	No of Post	No of tweets	People following	No of share	People following
Ujjain	2801	46	38	51	38	0	0

Not using instagram

30. Status of RTI

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

31. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1	Ujjain	0	0	

32. Participation in HRD Programmes organized by ATARI

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Ujjain	Dr. Rekha Tiwari	Scientist (Home Science)	1	Review Workshop of Home Scientist on 28-01-2020 at ATARI, Jabalpur
Ujjain	Dr. R.P.Sharma	Principal Scientist and Head	1	Annaul Action Plan Meeting on 19-5-2020

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Ujjain	Dr. D.S.Tomar	Scientist(Agronomy)	1	Annaul Action Plan Meeting on 19-5-2020
Ujjain	Dr. S.K.Kaushik	Scientist(Plant Breeding and Genetics)	1	Annaul Action Plan Meeting on 19-5-2020
Ujjain	Dr. Rekha Tiwari	Scientist(Home Science)	1	Annaul Action Plan Meeting on 19-5-2020
Ujjain	Sh. H.R.Jatav	Scientist(Extension)	1	Annaul Action Plan Meeting on 19-5-2020
Ujjain	Dr. Moni Singh	Sr. Technical Officer	1	Annaul Action Plan Meeting on 19-5-2020
Ujjain	Smt. Ghazala Khan	Sr. Technical Officer	1	Annaul Action Plan Meeting on 19-5-2020
Ujjain	Sh. R. Gawali	Technical Officer	1	Annaul Action Plan Meeting on 19-5-2020
Ujjain	Dr. R. P.Sharma	Pr. Scientist and Head	1	Online Zonal KVK Workshop form 29-31 Jul 2020
Ujjain	Dr. D.S.Tomar	Scientist(Agronomy)	1	Online Zonal KVK Workshop form 29-31 Jul 2020
Ujjain	Dr. S.K.Kaushik	Scientist(Plant Breeding and Genetics)	1	Online Zonal KVK Workshop form 29-31 Jul 2020
Ujjain	Dr. Rekha Tiwari	Scientist(Home Science)	1	Online Zonal KVK Workshop form 29-31 Jul 2020
Ujjain	Sh. H.R.Jatav	Scientist(Extension)	1	Online Zonal KVK Workshop form 29-31 Jul 2020
Ujjain	Smt. Ghazala Khan	Sr. Technical Officer	1	Online Zonal KVK Workshop form 29-31 Jul 2020
Ujjain	Dr. Rekha Tiwari	Scientist(Home Science)	1	Online Interface Meeting of Nutri-smart on 12-06-2020
Ujjain	Dr. Rekha Tiwari	Scientist(Home Science)	1	Online Meeting for Impact of Nutrismart villages on 23-10-2020
Ujjain	Dr. Moni Singh	Scientist(Home Science)	1	Online Meeting for Impact of Nutrismart villages on 23-10-2020
Ujjain	Dr. Rekha Tiwari	Scientist(Home Science)	1	Online Planning workshop on Gender and Nutrition based Mega Project of ICAR in online/offline mode on 29th and 30th Dec 2020
	Total			

Name of KVK	Total Number of staff Attended HRD Programme organized by ATARI (nos)	Total Number of Programme attended (Nos)
Ujjain	8	6

33. Participation in HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Ujjain	Dr. D.S.Tomar	Scientist (Agronomy)	1	Three days training/workshop from 16-01-2020 to 18-01-2020

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
				on Communication Skill for Effective Extension Services organized by EEI Anand(Gujarat) at KVK Ujjain
Ujjain	Dr. S.K.Kaushik	Scientist (Plant Breeding and Genetics)	1	Three days training/workshop from 16-01-2020 to 18-01-2020 on Communication Skill for Effective Extension Services organized by EEI Anand(Gujarat) at KVK Ujjain
Ujjain	Dr. Rekha Tiwari	Scientist (Home Science)	1	Three days training/workshop from 16-01-2020 to 18-01-2020 on Communication Skill for Effective Extension Services organized by EEI Anand(Gujarat) at KVK Ujjain
Ujjain	Sh. H.R.Jatav	Scientist (Extension)	1	Three days training/workshop from 16-01-2020 to 18-01-2020 on Communication Skill for Effective Extension Services organized by EEI Anand(Gujarat) at KVK Ujjain
Ujjain	Dr. Moni Singh	Sr. Technical Officer(Home Science)	1	Three days training/workshop from 16-01-2020 to 18-01-2020 on Communication Skill for Effective Extension Services organized by EEI Anand(Gujarat) at KVK Ujjain
Ujjain	Smt. Ghazala Khan	Sr. Technical Officer(Computer Science)	1	Three days training/workshop from 16-01-2020 to 18-01-2020 on Communication Skill for Effective Extension Services organized by EEI Anand(Gujarat) at KVK Ujjain
Ujjain	Sh. R. Gawali	Technical Officer(Soil Science)	1	Three days training/workshop from 16-01-2020 to 18-01-2020 on Communication Skill for Effective Extension Services organized by EEI Anand(Gujarat) at KVK Ujjain
Ujjain	Dr. S.K.Kaushik	Pr. Scientist and Head	1	Five Days short term training on "Preparation and Dissemination of Agro-Met Advisories at Block Level" under DAMU from 23 to 27th Feb 2020 at KVK, Khandwas

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Ujjain	7	2

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)
Ujjain	Sh. H.R.Jatav	Scientist (Extension)	1	21 days(19 Feb' 2020 to 10th Mar' 2020)	Winter School organized at ICAR-NAARM, Hyderabad on "ICT

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)
					Application in Agricultural Education & Extension)
Ujjain	Dr. D.S.Tomar	Scientist (Agronomy)	1	Three days National Conference of Krishi Vigyan Kendras organized by Division of Extension, ICAR from 27th Feb to 1st March 2020 at NASC Complex, New Delhi	National Conference
Ujjain	Dr. S.K.Kaushik	Scientist (Plant Breeding and Genetics)	1	Attended threes day International Conference on "Pulses as climate smart crops: Challenges and Opportunities" ICPulse-2020 at Minto Hall, Bhopal organized by IIPR, ICAR, Kanpur during 10-12 Feb 2020	International Conference
Ujjain	Dr. Rekha Tiwari	Scientist(Home Science)	1	Two Week Online training on "Advances in Smart Food Processing Technologies" organized by CAAST-CSAWM, Rahuri Maharashtra from 4-15 June 2020	Short Course
Ujjain	Dr. Rekha Tiwari	Scientist(Home Science)	1	One Month MOOC Training on "Designing E-learning Content" Organized by ICAR-NAARM, Hyderabad from 1st to 31st July 2020	Massive Open Online Course
Ujjain	Dr. Rekha Tiwari	Scientist(Home Science)	1	One Week Workshop on "Organic Farming" organized by College of Agriculture, Balaghat(JNKVV) from 16-20 June 2020	National Workshop
Ujjain	Dr. Rekha Tiwari	Scientist(Home Science)	1	One Week National Webinar on "Nutrition for all ages during Covid 19 Pandemic" organized by Karnataka State Akkamahadevi women university, Vijayapura, Karnataka from 1st to 7th Sept. 2020	

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Ujjain	3	4

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
Ujjain	Covid 19 Pandemic	7-4-2020, 14-4-2020	KMA	
Ujjain	Locust swarm migration observed in other parts of state	19-05-2020	KMA, Whatsapp, News	DES, ZPD
Ujjain	Insect Pest and disease attack in Kharif Soybean	10-8-2020, 14-8-2020 and 2-9-2020	KMA	

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			
	Farmers Training			

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
	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(Breading/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

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

Large scale adoption of resource conservation technologies

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

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. Information for TSP Jan-Dec-2020

Sl.	KV	Farmer Training	Women Farmer Training	Rural Youths	Extension Personnel	Number of farmers involved	Participants	Production	Production	Production	Production	Testing of Soil,

No.	K	No. of Trainings/Demos	No. of Farmers	No. of Trainings /Demos	No. of Women Farmers	No. of Trainings /Demos	No. of Youths	No. of Trainings /Demos	No. of Ext. Person	On-farm trials	Frontline demos	Mobile agro-advisory to farmers	in extension activities (No.)	of seed (q)	of Planting material (Number in lakh)	of Livestock strains (Number in lakh)	of fingerlings (Number in lakh)	water, plant, manures samples (Number)

39. Information for SCSP Jan-Dec-2020

Sl. No.	KVK	Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
		No. of Trainings/Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings /Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On-farm trials	Frontline demos	Mobile agro-advisory to farmers						
1	Ujjain	SCSP	**3**	73	2	53	0	0	4	4	1	23		45	0	0	0	0

40. Information for KSHAMTA Jan-Dec-2020

Sl. No.	State	Name of KVK	Number of Adopted Villages	No. of Activities		No. of farmers benefited	
				Demo	Training	Demo	Training
-	-	-	-	-	-	-	-

41. Activities for Sansad Adarsh Gram

Information about Sansad Adarsh Gram

Name of KVK	Block	Village
Ujjain	Ghattiya	Bichhrod

1. Technologies to be Demonstrated

Name of Technology	Name of Crop/Enterprise	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
CFLD	Soybean	0.4	15.6	24.2	1
Herbicide OFT	Soybean	0.4			1
Onion INM OFT	Onion	0.8			2
Wheat OFT Pusa Anmol	Wheat	0.4			1
CLD	Chickpea	1.2	17.5	26.4	3
CFLD	Linseed	3.6	16.8	29.24	9
OFT Rajgeera	Ameranths seed				1

2. Extension Activities

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Field Day	105	5	5	115

3. Training Programme

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total
Training	72	15	5	92

42. Activities in DFI Village during Jan-Dec-2020

Information about DFI Village

Name of KVK	Block	Name of DFI Village	Total geographical area (ha)	House hold	Population
Ujjain	Ghattiya	Salakhedi	200	106	700

1. Technologies Assessed (OFT) in DFI Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area (ha)	No. of beneficiaries
Ujjain	Increase in productivity of crops	1	1	0.4	1
	Increase in production of livestock				
	Improvement in efficiency of input use (cost saving)				
	Increase in crop intensity				
	Diversification towards high value crops				
	Improved price realization by farmers and market linkage				

2. Technologies Demonstrated (FLD) in DFI Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area (ha)	No. of beneficiaries
Ujjain	Increase in productivity of crops	27	5	10.8	27
	Increase in production of livestock				
	Improvement in efficiency of input use (cost saving)				
	Increase in crop intensity				
	Diversification towards high value crops				
	Improved price realization by farmers and market linkage				

3. Training Programme conducted in DFI Village

Name of KVK	Training Title	No. of Courses	Duration (Days)	Gen		SC		ST		Other		Total
				M	F	M	F	M	F	M	F	
Ujjain	Integrated pest management in soybean	1	1	1	0	18	0	0	0	7	0	20
Ujjain	Importance of value addition	1	1	0	5	0	12	0	0	0	5	22
Ujjain	Importance of value addition	1	1	3	0	25	0	0	0	3	0	31

4. Extension Activities in DFI Village

Name of KVK	Activity	No. of activities	SC		ST		Other		Officials		Total
			M	F	M	F	M	F	M	F	
Ujjain	Field Day	1	25	2	0	0	5	2	3	1	38

43. Activities in Nutri-Smart Village during Jan-Dec-2020

Information about Nutri-Smart Village

Name of KVK	Block	Name of Nutri Smart Village

1. Technologies Assessed (OFT) in Nutri Smart Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area	No. of beneficiaries
	Nutritional Garden (activity in no. of Unit) **(m^2)**				
	Bio-fortified Crops (activity in no. of Unit) **(ha)**				
	Value addition (activity in no. of Unit/Enterprise)				
Ujjain	Other Enterprises (activity in no. of Unit/Enterprise)	1. Assessement of Nutritional Game for Assessing the Knowledge	1		20
Ujjain		2. Assessment of Organic Pesticide in NKG	1		5
	Income generation (activity in no. of Unit/Enterprise)				
	Drudgery reduction (activity in no. of Unit/ Enterprise)				

2. Technologies Demonstrated (FLD) in Nutri Smart Village

Name of KVK	Thematic area	Name of Intervention	No. of Activity	Area	No. of beneficiaries
Ujjain	Nutritional Garden (activity in no. of Unit) **(m^2)**	Demonstration of Nutritional Kitchen Garden for removing Malnutrition problem.	1	10*10	19
Ujjain	Nutritional Garden	Edamame Vegetable Soybean for	1		13
Ujjain	Nutritional Garden	Demonstration of Pro tray for raising Seed lings of Tomato	1		13
Ujjain	Bio-fortified Crops (activity in no. of Unit) **(ha)**				
Ujjain	Value addition (activity in no. of Unit/Enterprise)	Use of KMnO4 for increasing the shelf life of Tomato	1		13
	Other Enterprises (activity in no. of Unit/Enterprise)				
	Income generation (activity in no. of Unit/Enterprise)				

	Drudgery reduction (activity in no. of Unit/Enterprise)				

3. Training Programme conducted in Nutri Smart Village

Name of KVK	Training Title	No. of Courses	Duration (Days)	Gen		SC		ST		Other		Total
				M	F	M	F	M	F	M	F	
Ujjain	Value Addition in Fruits and Vegetables	1	1	0	1	0	13	0	0	0	1	17
Ujjain	Income Generation through Value Addition	1	1	0	0	1	13	0	0	0	1	14
Ujjain	24.6.2020	1	1	0	1	0	5	0	0	0	7	13
Ujjain	Household food by Nutritional Gardening	1	1	1	7	2	5	0	0	0	0	15
Ujjain	Low Cost Nutritive Diet for the farm women and children	1	1	0	2	0	9	0	0	0	1	12
Ujjain	Importance of Posahk Thali and fruits while celebrating the month of poshan Maah	1	1	0	3	1	21	0	0	0	0	25
Ujjain	Health -Hygiene and personal cleanliness	1	1	0	1	0	8	0	0	0	6	15

4. Extension Activities in Nutri Smart Village

Name of KVK	Activity	No. of activities	SC		ST		Other		Officials		Total
			M	F	M	F	M	F	M	F	
Ujjain	International Women's Day	1	0	17	0	2	0	20	6	3	48
Ujjain	Poshan Maah										
Ujjain	1.Block-Ujjain -Ghatiya :Imp.of first 1000 days in the life of child and balanced diet of pregnant lady and Lactating mothe and how to fight against the Anemia	1	2	29	0	2	0	45	3	20	101
Ujjain	2.Block-Tarana -Mahidpur: Imp.of first 1000 days in the life of child and balanced diet of pregnant lady and Lactating mothe and how to fight against the Anemia	1	2	28	0	2	0	45	3	40	120

Ujjain	3.Block-Badnagar-Khachrod: Imp.of first 1000 days in the life of child and balanced diet of pregnant lady and Lactating mothe and how to fight against the Anemia	1	3	60	0	0	0	37	0	26	126
Ujjain	4.Paudh se Poshan	1	0	45	1	1	0	33	4	20	104
Ujjain	5.Poshak Tatwa ka mahtwa	1	3	9	1	0	0	15	3	11	42
Ujjain	Wishwa Khadya Diwas	1	0	4	0	0	1	10	2	0	16

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

Name of the KVK	
TITLE	
Introduction	
KVK intervention	
Output	
Outcome	
Impact	

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

Oilseed Success Story Kharif- 2021 Soybean Crops

Name of KVK	Ujjain
Crop and Variety	Soybean , JS 2034
Name of farmer & Address	Sh. Sarvan Singh Village Surakhedi Panchyat-Maniyavda Block- Barnagar; Disst- Ujjain
Background information about farmer field	The soybean is the major *kharif* crop of the distt and covers area 4.53 lakh hactares out of 4.89 lakh hactares with average productivity of 8.2 qtls/ ha this year due to heavy railfall. Farmers mentioned above has 30 years age belongs to the village Surakhedi. He educated up to 12th standard higher secondary education. The main source of income earning of family is farming. He has 8.65 ha land. He cultivating soybean crop during kharif season but harvesting of crop-harvest is not satisfactory (Ave. yield= 10-12 q/ ha).
Details of technology demonstrated	Seed variety JS-2034@30 kg per acre+Seed treatment with fungicide (Thiram + Carbendazim)@ 2.5

	gm/kg seed + seed Innoculating cultures namely; Rizobium culture@5ml/kg seed and PSB culture@5ml/kg seed + sowing method adopted: Raisedbed
Institutional Involvement	KVK's Scientists survey the farmer's field during May-June' 2020 and selected the field for displaying the technologies properly. Team meets the farmers and discussed regarding kharif crop productivity and their constraints for higher yield. He agreed for adopting the new technology as per KVK's suggestions. The major factor like variety, RDF, sowing method, Plant protections measures etc. considered during discussion. The facilitation of sowing machinery for Raisedbed with the help of district level Agril. Engineering Deptt.-Ujjain. The BTM of ATMA (Agril. Deptt)-Ujjain also suggested to farmers time-to-time.
Success Point	✓ In-situ moisture conservation in soybean by FIRBs. ✓ Avoid fungal mortality due to excess water stagnation at field. ✓ Profused flowering results in more podding for higher yield. ✓ The best crop stand at field leads to higher yield ✓ Cost of cultivation reduced drastically due to FIRB technology and application of various components of IPM.
Farmer Feedback	✓ Variety selected was very good due to short duration, bold seeded & high yielder ✓ Seed inoculation enhances the yield. ✓ They want to repeat the technology of Rises bed planting for higher production.
Yield (q/ha) - Potential yield of variety/technology - District average (Previous year) - State average (Previous year)	 25-30 7.14 7.53

Performance of technology vis-à-vis Local check (Increase in productivity and returns)

Specific Technology	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha	B:C ratio
Farmer practices	**13.20**	**17000**	**46200**	**29200**	**1.72**
Demonstration	**18.50**	**18000**	**64750**	**46750**	**2.60**
% Increase	40.15				

Quality Photographs:

Farmers Field Pre flowering

Demonstration plot at farmers'

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

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

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