

ANNUAL PROGRESS REPORT

2016-17



KRISHI VIGYAN KENDRA-UJJAIN
Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya



ANNUAL PROGRESS REPORT

April 2016 to March 2017

**KRISHI VIGYAN KENDRA-UJJAIN
(Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalay)**

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Instructions for Filling the Format

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

REPORTING PERIOD – April 2016 to March 2017
Summary of KVK Annual Report (Quantifiable Achievement) for the year 2016-17

S.N	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	11	180	
	On Going OFT	01	45	
	Technologies assessed (Completed OFT)	8	126	
	Technologies refined	-	-	
	On farm trials conducted	9	145	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	94.2	15871(15600+271)	
	On Going Frontline demonstrations			
	FLDs conducted on crops	88.4	231	
	Area under crops (ha.)			
	FLD on farm implement and tools	6.4	17	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	-	-	
	FLD on Fisheries - Finger lings	-	-	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	-	-	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	2	24	
3	Training programmes	No. of Course	Duration (days)	No. of course
	Farmers	41	41	916
	Farm women	4	6	121
	Rural youth	9	9	169
	Extension personnel/ In service	6	6	124
	Vocational trainings	5	25	160
	Sponsored Training	6	6	288
	Total	71	93	1778
		No. of programmes	Participants	
4	Extension Programmes	217	57209	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	666.95	-	
	Planting material produced (nos.)	8650	56	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	-	-	
	Milk Yield - Cow, Buffelo etc. (in liter)	-	-	
	Fish (Kg.)	-	-	
	Fingerlings (nos.)	-	-	
	Poultry-Eggs (nos.)	-	-	
	Ducks (nos.)	-	-	
	Chicks etc. (nos.)	-	-	
7	Bio Products	Qty	Beneficiaries (nos.)	

	Bio Agents -Earth worm (Kg.)	-	-
	Trichoderma (kg.)	-	-
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	-	-
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	-	-
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)	-	-
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	10	5000
	KVK News letter	4	1000
	SAC Meetings conducted	2	70
	Soil sample tested	5996	29647
	Water sample tested	0	0
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	2	48
	KVK-KMA (Message and beneficiaries)	99	15600
	Convergence programmes	4	1000
	Sponsored programmes	-	-
	KVK Progressive Farmers interaction	08	775
	No. of Technology Week Celebrations	1	304
	Attended HRD activities organized by ZPD	3	3
	Attended HRD activities organized by DES	8	9
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	0	0
9	Current status of Revolving Funds (Amt. in Rs.)		360380
10		No. of blocks	No. of villages
	Outreach of KVK in the District	6	764
11		ICAR	SAU ICAR
	No. of important visitors to KVK (nos.)	2	4 4
12		Working (Yes/No)	No. of Update since inception
	Status of KVK Website	Yes	328
13		Application received	Application disposed
	Status of RTI (nos.)	2	2
14		Query received	Query dissolved
	Citizen Charter (nos.)	-	-
15		Working (Yes/No)	No. of programme viewed
	E-connectivity	Yes	00
16		Filled	Vacant
	Staff Position	16	3
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)		5
18	Publication received from ICAR /other organization (nos.)		10
19		Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	2	DDA, ATMA and website

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2017

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	4	16	13

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
Ujjain	Programme Coordinator	Dr. R.P.Sharma	Extension	Ph.D.	Agril. Extension	37400-67000 + 9000	61850	06-01-2017	Perm.	Others
Ujjain	Subject Matter Specialist	Sh.D.K.Suryawanshi	Plant Protection	M.Sc.(Ag.)	Entomology	15600-39100+6000	23610	01-02-2007	Perm.	SC
Ujjain	Subject Matter Specialist	Dr. S.K. Kaushik	Pl. Br. & Genet.	Ph.D.	Pl. Br. & Genet.	15600-39100 + 6000	31610	08.03.2007	Perm.	Others
Ujjain	Subject Matter Specialist	Dr. D.S.Tomar	Agronomy	Ph.D.	Agronomy	15600-39100 + 6000	31610	28.03.2007	Perm.	Others
Ujjain	Subject Matter Specialist	Dr.(Smt)Rekha Tiwari	Home Science	Ph.D.	Home Science	15600-39100 + 6000	31610	14.05.2007	Perm.	Others
Ujjain	Subject Matter Specialist	Sh.Hansraj Jatav	Extension	M.Sc.(Ag.)	Agril. Extn.	15600-39100+6000	21600	01-09-2014	Temp.	SC
Ujjain	Subject Matter Specialist	Vacant	-	-	-	-	-	-	-	-
Ujjain	Programme Assistant	Sh. Rajendra Gawali	Soil Science	M.Sc. (Ag.)	Soil Science	9300-34800 + 4200	18910	28.02.2011	Temp.	ST
Ujjain	Farm Manager	Er. L.K. Jain	Agril. Engg.	B.Tech.	Agril. Engg.	15600-39100 + 5400	29590	16.05. 2005	Perm.	Others
Ujjain	Computer Programmer	Smt. Ghazala Khan	Computer Science	M.Sc.(Chem) & (CS)	Computer Science	9300-34800 + 4200	20680	01.04. 08	Perm.	Others
Ujjain	Accountant / superintendent	Sh. Ajay Gupta	Commerce	M. Com.	Commerce	9300-34800+3600	13830	19-12-2016	Temp.	Others
Ujjain	Stenographer	Vacant	-	-	-	-	-	-	-	-
Ujjain	Driver	Sh.Chandan Singh	-	-	-	9300-34800 + 3200	17220	10.8.04	Perm.	OBC
Ujjain	Driver	Rajesh Verma	-	-	-	5200-20200 + 1900	11540	11.07.08	Perm.	Gen
Ujjain	Supporting staff	Sh.Narayan Verma	-	-	-	5200-20200 + 1900	12180	08.07.05	Perm.	SC
Ujjain	Supporting staff	Vacant	-	-	-	-	-	-	-	-

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

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Ujjain	X	6	609	1986597	73.6	1370791	160775	2.8 ha

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Ujjain	Maravda	2016	Ujjain	80	6000	1200
Ujjain	Maravdi	2016	Ujjain	80	1100	275
Ujjain	Narsinghgar	2016	Ujjain	85	1200	280
Ujjain	Badagaoun	2016	Ujjain	85	5000	1100
Ujjain	Gothra	2016	Ujjain	8	700	150
Ujjain	Chandmukh	2016	Ujjain	9	1200	240
Ujjain	Daudkhdi	2016	Ujjain	10	1000	200
Ujjain	Sikandari	2016	Ujjain	9	1200	240
Ujjain	Ranahera	2016	Ujjain	28	1500	375

1.4. THRUST AREAS identified by KVK (Approved by competent Authority in meetings/workshop)

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.

KVK Name	Thrust Area
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

1.4. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Ujjain	Unavailability of Quality seeds of Soybean & Chickpea.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Indiscriminate use of insecticide in soybean & Chickpea.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Imbalance use of fertilizer in soybean, Chickpea & wheat.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Heavy infestation of weeds in soybean.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Lack of seed treatment in crops.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Prolonged use of self produced seed in major crops.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Problem of termite attack in wheat.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Use of wilt susceptible exotic Kabuli strain.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Lack of seed treatment in Potato.	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	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	Lack of agriculture and crop diversification.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Lack in concept for nursery and its management of horticulture crops.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Mismanagement of soil and water resources. Poor awareness of the conservation practices.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Rare use 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
Ujjain	Fruit, Vegetable preservation and processing/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

2. On Farm Testing (OFT)

Note-

- Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.
- 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

2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	No. of trials	Results (q/ha)			Net Returns (Rs./ha)			Recommendations
										FP (T ₁)	RP (T ₂)	T ₃	FP (T ₁)	RP (T ₂)	T ₃	
Ujjain	2016	Kharif	Low yield due to axial blight & aberrations in weather	Assessment of soybean variety NRC-86 for higher productivity.	Assessment	Varietal Evaluation	Soybean	RF	05	16.34	20.16	-	33484	40464	-	
Ujjain	2016	Kharif	Mono-cropping due to most area covered under soybean	Assessment of Maize Hyb. variety for crop diversification	Assessment	Varietal Evaluation	Maize	RF	05	16.82	35.04	-	31276	31056	-	
Ujjain	2016	Kharif	Unavailability of information on Farmers	Assessment of knowledge & adoption level of	Assessment	Adoption	Soybean	RF	90							

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	No. of trials	Results (q/ha)			Net Returns (Rs./ha)			Recommendations
										FP (T ₁)	RP (T ₂)	T3	FP (T ₁)	RP (T ₂)	T3	
			Knowledge level and their adoption of soybean production technology	farmers towards recommended soybean production technology.												
Ujjain	2016	Kharif	Poor Fertilizer use efficiency	Assessment of time and placement of fertilizer for enhancing fertilizer use efficiency	Assessment	Integrated Nutrient Management	Soybean	Irrigated	5	15.84	17.95	NA	22836	27681		
Ujjain	2016-17	Rabi	Poor Varietal diversification and low yield	Assessment of Wheat variety Pusa Anmol for high yield.	Assessment	Varietal Evaluation	Wheat	IR	05	47.52	71	NA	52920	87755	47.52	
Ujjain	2016-17	Rabi	Poor awareness towards visual based technical information dissemination	Assessment of visual based technical information dissemination through whatsapp.	Assessment	-	whatsapp	-	45	Attached	Attached	Attached	Attached	Attached	Attached	Attached
Ujjain	2016-17	Rabi	Poor Nitrogen use efficiency in wheat crop	Assessment of Neem Coated Urea for enhancing Nitrogen use efficiency	Assessment	Integrated Nutrient Management	Wheat	Irrigated	5	51.36	57.6	NA	59360	68300		

2.2 Economic Performance

KVK name	OFT Title	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)	Refined Pract ice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Pract ice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Pract ice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Pract ice, if any (T ₃)
Ujjain	Assessment of Soybean variety NRC-86 for higher productivity.	Seed Index	16.34	20.16	16900	18000	NA	47384	58464		33483.68	40464		2.81	3.25	
Ujjain	Assessment of Maize Hyb. variety for crop diversification	<ul style="list-style-type: none"> Yield B:C 	16.82	35.04	17500	18000	NA	48776	49056		31276	31056		2.79	2.74	
Ujjain	Assessment of knowledge & adoption level of farmers towards recommended soybean production technology.	<ul style="list-style-type: none"> ✓ Horizontal Spread. ✓ Socio-economic status. ✓ Social participation. ✓ Extension participation. ✓ Adoption Index. ✓ Knowledge Index. 		Separate Sheet Attached after OFT												
Ujjain	Assessment of time and placement of fertilizer for enhancing fertilizer use efficiency	<ul style="list-style-type: none"> Yield B:C 	15.84	17.95	23100	24380	NA	45936	52061		22836	27681		1.99	2.13	
Ujjain	Assessment of Wheat variety Pusa Anmol for high yield.	<ul style="list-style-type: none"> Tiller/pl 	47.52	71	24300	27620		77220	115375		52920	87755		3.18	4.18	
Ujjain	Assessment of visual based technical information dissemination through whatsapp.	<ul style="list-style-type: none"> ➤ Perception. ➤ Knowledge. ➤ Extent of utilization. ➤ Applicability, reliability & credibility of messages 		Continue												
Ujjain	Assessment of Neem Coated Urea for enhancing Nitrogen use efficiency	Yield(Q/ha)	51.36	57.6	24100	25300	NA	83460	93600		59360	68300		3.46	3.7	

2.3 Information about Home Science OFT: (For All Thematic Area)

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment / Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
Ujjain	2016-17	Kharif	Malnutrition problem	Assessment of vegetable soybean as a protein diet to overcome malnutrition	Assessment	WOE	Karune	Bold seeded, nutritious,	Farming	05	Nutritious and excellent source for minimizing malnutrition problem
Ujjain	2016-17	Rabi	Low income due to perishable nature of Tomato	Assessment of KM n04 for Increasing The shelf life Of Tomato	Assessment	IG	Km no4	Increases the shelf life of Tomato	Farming	05	Enhances the shelf life of Tomato, hence the awareness must be created among the farmer and farm women regarding use of KM n04

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

KVK name	OFT Title	Performance Indicator / Parameter															
		Output m2/h		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		

2.4 (B) Economic Performance Home Science OFT: (For Income Genration)

KVK name	OFT Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

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

KVK name	OFT Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Ujjain	Assessment of KMnO4 for increasing the shelf life of Tomato			Plastic Tray	KMnO4	1-2 Days	09 days								

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

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Ujjain	Assessment Of Vegetable soybean as a protein diet to overcome malnutrition	Soybean	Vegetable Soybean	-	100gm/day	432	125.0	43.2	12.1	10.4	2.7	240.0	9.3	-	-	-	-	-	-

2.5(E) Information about Extension OFT:

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Details of Technology Selected for Assessment	No. of trials	Recommendations
Ujjain	2016	Kharif	Unavailability of information on Farmers	Assessment of knowledge & adoption level of farmers towards	Assessment	Impact Assessment	Knowledge and adoption level of recommended	90	

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology	Thematic Area	Details of Technology Selected	No. of trials	Recommendations
			Knowledge level and their adoption of soybean production technology	recommended soybean production technology.			soybean technology		
Ujjain	2016	Rabi	Poor awareness towards visual based technical information dissemination	Assessment of visual based technical information dissemination through whatsapp.	Assessment	Information and Communication Technology	Assessment of visual based technical information	45	

Result of Extension OFT : Assessment of knowledge & adoption level of farmers towards recommended soybean			
	Horizontal spread		
Category	Low	Medium	High
FP(T1)	16(35%)	26(58%)	3(7%)
RP(T2)	1(2%)	24(53%)	20(44%)
	Socio economic status		
Category	Low	Medium	High
FP(T1)	3(7%)	40(89%)	2(4%)
RP(T2)	2(4%)	39(87%)	4(9%)
	Social Participation		
Category	Low	Medium	High
FP(T1)	2(4%)	39(87%)	4(9%)
RP(T2)	2(5%)	35(77%)	8(18%)
	Extension Participation		
Category	Low	Medium	High
FP(T1)	17(38%)	25(55%)	3(7%)
RP(T2)	0(0.00%)	38(84%)	7(16%)
	Adoption		
Category	Full adoption	Partial Adop.	No Adoption
FP(T1)	2(05%)	15(33%)	28(62%)
RP(T2)	18(40%)	24(53%)	3(07%)
	Knowledge		
Category	Low	Medium	High
FP(T1)	26(58%)	16(35%)	3(07%)
RP(T2)	6(13%)	22(49%)	17(38%)

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Ujjain	NRC 86: It is good variety having good germination potentially with high yielding capacity but it takes some extended times to mature. It may be the good alternative of NRC-7.
Ujjain	S6304: It is a short duration maturing along with high yielding potentially but not given sufficient yield due to erratic rainfall.
Ujjain	HI 8737: It is a durum wheat variety gives highest yielding capacity with full irrigations facility. Farmers preferred this variety in assured irrigation condition.
Ujjain	It is a good source of nutritional vegetable and used as a substitute of peas. Awareness should be created regarding consumption of vegetable soybean in daily routine diet.
Ujjain	KMnO 4 is a good technique for increasing the shelf life Tomato.

3. Achievements of Frontline Demonstrations (FLD)

3.1. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
-	-	-	-	-	-	-	-

Note-

- Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.
- *Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Paddy in place of Rice , brinjal in place of egg plant etc.
- *Don't press enter key to navigate among col 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 Demonstration.
- If crop has been not yet harvested, mark it * on that

3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprises	Crop- Area (ha) / Entrepreneurs - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Ujjain	2016	Kharif	Integrated Crop Management	Full package	Soybean	JS-9560	05	14.50	18.50	27.50	4	1	7	0	12
Ujjain	2016	Kharif	Varietal Evaluation	Variety RVS 2001-4	Soybean	RVS-2001-04	02	16.00	20.10	25.50	0	0	4	1	05
Ujjain	2016	Kharif	Varietal Evaluation	Variety JS-2034	Soybean	JS-2034	04	16.80	21.60	28.6	3	0	10	7	20
Ujjain	2016	Kharif	Integrated Nutrient Management	Liquid bio-fertilizers to enhance BNF	Soybean	Liquid bio-fertilizer	05	15.50	18.20	17.90	2	0	4	6	12
Ujjain	2016	Kharif	Resource Conservation Technology	Deep ploughing	Soybean	JS-9305	05	14.80	16.20	9.9	3	0	6	3	12
Ujjain	2016	Kharif	Resource Conservation Technology	Raised bed planting	Soybean	JS-9560	05	17.20	22.20	29.10	1		2	9	12
Ujjain	2016	Kharif	Resource Conservation Technology	Broad bed and Furrow planting	Soybean	JS-9305	02	17.70	23.00	29.7	1	0	3	1	05
Ujjain	2016	Kharif	Integrated Crop Management	Full package	Black gram	PU-31	5.2	9.50	14.70	54.70	1	0	9	2	12
Ujjain	2016	Kharif	Integrated Crop Management	Full package	Maize	PAC-712	5	20.2	36.2	79.3	3	0	5	4	12
Ujjain	2016-17	Rabi	Integrated Crop Management	(Full Package) Seed + RDF + planting geometry + variety (RVM-2) and need based plant protection	Mustard	RVM-2	05	11.2	15.6	39.3	3	0	3	6	12

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprises	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Ujjain	2016-17	Rabi	Integrated Crop Management	(Full Package)Seed + RDF + planting geometry + variety (JAKI-9218) and need based plant protection	Chickpea	JG-130	5.2	12.1	16.8	38.8	0	0	8	5	13
Ujjain	2016-17	Rabi	Varietal Evaluation	Variety RVSKG-102	Chickpea	RVSKG-102	02	15.4	23.0	49.4	1	0	2	2	5
Ujjain	2016-17	Rabi	Integrated Nutrient Management	Molybdenum 1 gm/Kg of Seed	Chickpea	JG-130	04	14.2	16.4	15.5	1		5	4	10
Ujjain	2016-17	Rabi	Varietal Evaluation	Variety RVG-202	Chickpea	RVG-202	02	12.9	17.8	38.0	2	0	2	1	5
Ujjain	2016-17	Rabi	Varietal Evaluation	HI-8663 (Poshan)	Wheat	HI-8663 (Poshan)	05	54.4	66.2	21.7	3	0	7	3	13
Ujjain	2016-17	Rabi	Varietal Evaluation	HI-8713 (Pusa Mangal)	Wheat	HI-8713	05	53.2	68.3	28.4	3	0	8	1	12
Ujjain	2016-17	Rabi	Varietal Evaluation	RVW-4106	Wheat	RVW-4106	05	50.2	56.1	11.8	6	0	6	1	13
Ujjain	2016-17	Rabi	Varietal Evaluation	MPO-1215	Wheat	MPO-1215	05	49.2	55.6	13.0	2	0	7	3	12
Ujjain	2016-17	Rabi	Weed Management	Clodinfop (60g) + Metsulfuron 4g /ha	Wheat	HI-8663	05	53.7	64.2	19.6	2	0	3	7	12
Ujjain	2016-17	Rabi	Integrated Nutrient Management	IPNS in potato N: P: K (180:80:100) + 250-300 qtl. FYM	Potato	Kufri Chipsona-1	02	152	197	29.6	0	0	8	2	10
Ujjain	2016-17	Rabi	Integrated Pest Management	Spinosad 100gm/ha	Garlic		05	85.2	104.40	22.5	4		05	03	12

3.3 Economic Impact of 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)
Ujjain	Full package	Soybean	Yield q/ha	14.5	18.5	23700	24680	42050	55500	18350	30820	1.8	2.2
Ujjain	Variety RVS 2001-4	Soybean	Yield q/ha	16	20.1	22550	23980	46400	59295	23850	35315	2.1	2.5
Ujjain	Variety JS-2034	Soybean	Yield q/ha	16.8	21.6	22550	24350	48720	66960	26170	42610	2.2	2.7
Ujjain	Liquid bio-fertilizers to enhance BNF	Soybean	Yield q/ha	15.5	18.2	22550	23050	44950	56420	22400	33370	2.0	2.4
Ujjain	Deep ploughing	Soybean	Yield q/ha	14.8	16.2	22550	24625	42920	50220	20370	25595	1.9	2.0
Ujjain	Raised bed planting	Soybean	Yield q/ha	17.2	22.2	22550	24050	49880	68820	27330	44770	2.2	2.9
Ujjain	Broad bed and Furrow planting	Soybean	Yield q/ha	17.7	23	22550	24050	51330	71300	28780	47250	2.3	3.0
Ujjain	Full package	Black gram	Yield q/ha	9.5	14.7	14500	18200	47500	73500	33000	55300	3.3	4.0
Ujjain	Full package	Maize	Yield q/ha	20.2	36.2	17500	23275	26260	48870	8760	25595	1.5	2.1
Ujjain	(Full Package) Seed + RDF + planting geometry + variety (RVM-2) and need based plant protection	Mustard		11.2	15.6	10500	11350	42000	58500	31500	47150	4.0	5.2
Ujjain	(Full Package)Seed + RDF + planting geometry + variety (JAKI-9218) and need based plant protection	Chickpea		12.1	16.8	17250	18540	36300	50400	19050	31860	2.1	2.7
Ujjain	Variety RVSKG-102	Chickpea		15.4	23	18400	22100	61440	117504	43040	95404	3.3	5.3
Ujjain	Molybdenum 1 gm/Kg of Seed	Chickpea		14.2	16.4	17500	18200	42600	49200	25100	31000	2.4	2.7
Ujjain	Variety RVG-202	Chickpea		12.9	17.8	17300	18400	51840	71040	34540	52640	2.9	3.8
Ujjain	HI-8663 (Poshan)	Wheat		54.4	66.2	24285	26562	88500	107580	64215	81018	3.6	4.1
Ujjain	HI-8713 (Pusa Mangal)	Wheat		53.2	68.3	23833	26433	86450	110955	62617	84522	3.6	4.2

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)
Ujjain	RVW-4106	Wheat		50.2	56.1	23923	25615	81600	91020	57677	65405	3.4	3.6
Ujjain	MPO-1215	Wheat		49.2	55.6	23917	25625	79950	90350	56035	64725	3.4	3.5
Ujjain	Clodinofof (60g) + Metsulfuron 4g /ha	Wheat		53.7	64.2	23500	24600	87262.5	104325	63762.5	79725	3.7	4.2
Ujjain	IPNS in potato N: P: K (180:80:100) + 250-300 qtl. FYM	Potato		152	197	47500	52600	91200	118200	43700	65600	1.9	2.2
Ujjain	Spinosaad 100gm/ha	Garlic		85.2	104.4	45000	49500	306720	375840	261720	326340	6.8	7.6

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

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/Enterprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries
KVK, Ujjain	2016-17	Kharif	Nutritional Security	Minimum use of Vegetable in daily diet	Seasonal vegetables in nutritional Kitchen Garden	Crop	Seasonal Vegetables Spinach, Coriander, Onion, Okra, Bottle Gourd, Chilly, Tomato, Brinjal, Sponge Gourd, Bitter Gourd, cluster beans , Walore etc	Dhal, Bengal Gram Flour , pickle and rarely vegetables		12
KVK Ujjain	2016-17	Rabi	Drudgery Reduction	High drudgery and less efficiency while shifting harvested wheat	Hand drawn trolley	Crop	Hand Drwan Trolley	Manually on head / in hand	-	12

3.5 (A) Economic Performance Home Science FLD: (For Drudgery Reduction)

KVK name	FLD Title	Performance Indicator / Parameter													
		Output m2/h		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
KVK Ujjain	Use of Hand Drwan Trolley for reducing the drudgery of farm women while shifting harvested wheat	255	1252	-	-	-	-	69.70	59.08	4	3	-	-	-	-

3.5 (B) Economic Performance Home Science FLD: (For Income Genration)

KVK name	FLD Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

3.5 (C) Economic Performance Home Science FLD: (For value addition)

KVK name	FLD Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

3.5 (D) Economic Performance Home Science FLD: (For Nutritional security)

KVK name	FLD Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
KVK Ujjain	Demonstration of Nutritional Kitchen Garden	Dhal, Bengal Gram Flour , pickle and rarely vegetables	Spinach Coriender Onion Okra Bottle Gourd			335 348	26 44	22.3 24.5	2.0 3.3	2.7 3.9	1.14 1.42	73 73	73 184	-	-	-	-	-	-

			Chilly				23		1.9		1.8		20					
			Tomato				24		1.4		0.38		18					
			Brinjal				18		0.5		1.51		26					
			Sponge				25		1.6		0.61		20					
			Gourd				16		3.2		1.08		130					
			Cluster				44		2.7		2.0		60					
			Beans				335		22.3		2.7		73					
			Walore				348		24.5		3.9		75					

RDE (%) Before and After as per the FP and RP

Nutrient	FP	RP	RDA%	
	Before	After	Before	After
Energy (Kcal)	341.5	28.83	13.93	1.17
Protein (gm)	23.4	1.9	46.8	3.8
Fat (gm)	1.45	0.31	09.66	2.06
Iron (mg)	3.3	1.31	11.00	4.36
Calcium (mg)	74	57.82	18.5	14.45

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Ujjain	Soybean	Field days	2	104	
Ujjain	Soybean	Farmers Training	2	81	
Ujjain	Soybean	Media coverage	2	-	
Ujjain	Soybean	Training for extension functionaries	2	33	
Ujjain	Black Gram	Field days	1	59	
Ujjain	Black Gram	Farmers Training	1	36	
Ujjain	Black Gram	Media coverage	1	-	
Ujjain	Wheat	Field days	2	65	
Ujjain	Wheat	Farmers Training	3	60	
Ujjain	Wheat	Media coverage	1	-	
Ujjain	Wheat	Training for extension functionaries	1	18	
Ujjain	Gram	Field days	2	108	
Ujjain	Gram	Farmers Training	2	48	
Ujjain	Gram	Media coverage	1	-	
Ujjain	Gram	Training for extension functionaries	1	29	

Ujjain	Mustard	Field days	1	44	
Ujjain	Mustard	Farmers Training	1	16	
Ujjain	Mustard	Media coverage	1	-	

3.7 Details of FLD on crop hybrids.

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

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested

4. 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

Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total
Thematic Areas for Training	
CRP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RYH	Rural Youth
EXP	Extension Personnel

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

Name of KVK	Category	Training Type	Thematic area	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	7	8	9	10	11	12	13	14	15	16
Ujjain	FW	OFC	SFM	Importance of soil test based fertilizer application for higher productivity of Kharif crop	1	1	11	0	4	0	0	0	6	0
Ujjain	FW	OFC	PIS	Storage technique to reduce the losses	1	1	0	0	2	0	0	0	18	0
Ujjain	FW	OFC	WOE	Intervention of SHG woman for income generation	1	1	0	0	4	16	0	0	2	0
Ujjain	FW	OFC	AEG	Advantage of deep ploughing in kharif season crops	1	1	0	0	0	0	0	0	22	0
Ujjain	FW	OFC	AEG	Improved tillage practices to enhance crop production	1	1	4	0	20	0	0	0	7	0
Ujjain	FW	OFC	WOE	Drudgery reduction techniques in farm activity	2	2	3	2	0	0	0	0	7	24
Ujjain	FW	OFC	CRP	FLD Training	1	1	1	0	0	0	0	0	9	0
Ujjain	FW	OFC	CBD	Role of market Intelligence in economic sustainability of farming system.	1	1	10	0	1	0	0	0	16	0
Ujjain	FW	OFC	CRP	Scientific production technology of soybean crops	1	1	1	0	3	0	0	0	32	0
Ujjain	FW	OFC	CRP	Scientific pulse production technology under CFLD	1	1	3	0	0	0	0	0	23	0
Ujjain	FW	OFC	PIS	Importance of crop insurance needed for farming	1	1	1	0	1	0	0	0	15	0
Ujjain	FW	OFC	SFM	Importance of INM in kharif crops	1	1	0	0	1	0	0	0	18	0
Ujjain	FW	OFC	AEG	Soil and water conservation techniques in kharif crops	1	1	9	2	3	0	0	0	9	0
Ujjain	FW	ONC	CRP	Importance of fortified soya flour for improving health	1	1	0	0	0	24	0	0	0	0
Ujjain	FW	OFC	PIS	Hybrid seed production of maize for raising farm economy	1	1	0	0	0	0	0	0	11	0
Ujjain	FW	OFC	CRP	Integrated weed management in kharif crops	1	1	10	0	0	0	0	0	10	0
Ujjain	FW	OFC	PP	Integrated insect and disease management in kharif crops	1	1	0	0	1	0	0	0	33	0
Ujjain	FW	OFC	SFM	Importance of organic manure and biofertilizer to increase nutrient use efficiency	1	1	0	0	5	0	0	0	16	0
Ujjain	FW	ONC	CBD	Marketled extension for rural entrepreneurship	1	1	7	0	3	0	0	0	14	0
Ujjain	FW	ONC	PP	Integrated insect pest and disease management in kharif crops	1	1	1	0	3	0	0	0	4	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
Ujjain	FW	OFC	CBD	Empowerment of farmers through entrepreneurship development	1	1	0	0	3	0	0	0	22	0
Ujjain	FW	OFC	LPM	Care and maintainance of livestock	1	1	5	0	3	0	0	0	45	0
Ujjain	RY	OFC	WOE	Role of SHG For income genration	1	1	0	0	0	0	0	0	18	0
Ujjain	RY	OFC	AEG	Safe irrigation method with micro irrigation system	1	1	0	4	0	21	0	0	0	0
Ujjain	RY	OFC	CBD	Youth invovlement in agriculture	1	1	3	0	0	0	0	0	23	0
Ujjain	FW	OFC	HOV	Kharif vegetable production technology	1	1	1	0	3	0	1	0	16	0
Ujjain	FW	ONC	WOE	Gender main streming through SHG For self reliance	2	2	2	1	1	0	1	1	24	9
Ujjain	FW	OFC	CBD	Developing agribusiness skill among farmers for maximing farm income	1	1	9	0	0	0	0	0	7	0
Ujjain	FW	OFC	CRP	Methods and sheduling of irrigation for rabi crops	1	1	0	0	0	0	0	0	17	0
Ujjain	FW	OFC	WOE	Household nutritional security by kitchen gardening	1	1	0	0	0	0	0	0	24	0
Ujjain	FW	OFC	PIS	Hybrid seed production of maize for raising farm economy	1	1	5	0	0	0	0	0	12	0
Ujjain	FW	OFC	CRP	Production technology of oilseed and pulses	1	1	19	0	0	0	0	0	0	0
Ujjain	FW	ONC	CRP	Production techniques of rabi crop	1	1	7	0	4	0	0	0	9	0
Ujjain	FW	ONC	CBD	Awareness training programme for pulses	1	1	5	0	1	0	0	0	23	0
Ujjain	FW	OFC	CRP	Integrated production techniques of wheat	1	1	0	0	1	0	0	0	22	0
Ujjain	FW	OFC	HOV	Production techniques of onion and garlic	1	1	1	0	3	0	0	0	18	0
Ujjain	FW	ONC	CBD	Harnessin of social media in agriculture development	1	1	4	0	4	7	0	0	19	0
Ujjain	FW	ONC	PP	IPM and Disease management in rabi crop	1	1	0	0	5	0	0	0	16	0
Ujjain	FW	OFC	PIS	Precaution during hybrid seed production outbreed crop	1	1	0	0	0	0	0	0	14	0
Ujjain	FW	OFC	CRP	Integrated weed management in rabi crops	1	1	0	0	25	0	0	0	0	0
Ujjain	FW	ONC	CBD	Enterpreneurship development in agriculture	1	1	4	0	4	0	0	0	12	0
Ujjain	FW	OFC	SFM	Importance of organic manure to sustain soil fertility	1	1	11	0	2	0	0	0	10	0
Ujjain	FW	OFC	PP	Integrated Insect and disease management in rabi crops	1	1	1	0	5	0	0	0	12	0
Ujjain	FW	ONC	SFM	Role of INM for higher production of rabi crop	1	1	1	0	0	0	0	0	18	0
Ujjain	FW	OFC	HOV	Integrated pest and disease management in vegetables	1	1	0	0	0	0	0	0	15	0
Ujjain	FW	OFC	PIS	Why need climate reseliant agriculture technology	1	1	0	0	0	0	0	0	21	0
Ujjain	FW	ONC	AEG	Role of mechanization to increase crop production	1	1	14	0	3	0	0	0	10	0
Ujjain	FW	OFC	LPM	Rabi fodder production technique	1	1	11	0	7	0	0	0	5	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
Ujjain	RY	OFC	PIS	Hybrid cultivar: A new prospectus for youth farmers	1	1	1	0	0	0	0	0	16	0
Ujjain	RY	ONC	Other	Importance of ICT in agriculture	1	1	3	0	2	0	0	0	11	0
Ujjain	RY	OFC	SFM	Importance of bio-fertilizer to increase Nutrient Use Efficiency	1	1	5	0	4	0	0	0	7	0
Ujjain	RY	OFC	CRP	Importance of diversified agriculture	1	1	0	0	0	0	0	0	19	0
Ujjain	RY	OFC	SFM	Vermi compost techniques	1	1	4	0	4	0	0	0	9	0
Ujjain	RY	OFC	CBD	Entrepreneurship development through value addition in agriculture	1	1	1	0	3	0	0	0	11	0
Ujjain	IS	ONC	EXP	Component of contingent plan of kharif season	1	1	17	0	2	0	0	0	0	0
Ujjain	IS	ONC	EXP	Scientific soybean production technology	1	1	8	0	0	0	0	0	5	0
Ujjain	IS	ONC	EXP	Integrated insect, pest and disease management in Kharif crop	1	1	12	0	0	0	0	0	8	0
Ujjain	IS	ONC	EXP	Resource conservation techniques	1	1	17	0	2	0	0	0	6	0
Ujjain	IS	ONC	EXP	Communication and Management skills for extension personnels	1	1	16	1	2	0	3	0	7	0
Ujjain	IS	ONC	EXP	Integrated insect, pest and disease management in rabi crop	1	1	14	0	0	0	0	0	3	1

Table 5.2. Details of Vocational training programmes for Rural Youth conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Ujjain	Nursery management of fruit and vegetable	Crop		5	3	0	5	0	0	0	10	0
Ujjain	Scientific goat rearing	Enterprise		5	10	0	14	0	0	0	27	0
Ujjain	Seed production techniques	Enterprise		5	3	0	12	0	0	0	7	0
Ujjain	Capacity building through ICT	Enterprise		5	4	0	2	0	0	0	13	0
Ujjain	Practical aspect of soil and water testing	Enterprise		5	17	0	9	0	0	0	24	0

Table 5.3. 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	Scientific Goat rearing			25	51

Table 5.4. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Ujjain	Planning of kharif season	CRP	CRP	FW	1	1	13	0	26	0	4	0	0	0	CARD NGO	0
Ujjain	Scientific soybean production technology	CRP	CRP	FW	1	1	7	0	30	0	1	0	0	0	CARD NGO	2500
Ujjain	Soil and water conservation practices	SFM	SFM	FW	1	1	9	0	32	0	18	0	5	0	CARD NGO	2500
Ujjain	Training programme of PMKSY	Other	Other	IS	1	1	15	0	7	0	4	0	0	0	Zila Panchyat Ujjain	2500
Ujjain	Scientific rabi production technology	CRP	CRP	FW	1	1	3	0	2	0	23	0	0	0	FES NGO	2500
Ujjain	Entrepreneurship development in agriculture	CBD	CBD	FW	1	1	18	0	36	0	35	0	0	0	ITC Limited	0

Table 5.5 Training Programmes for Panchayatiraj Institutions Office-bearers & members

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Ujjain	Training programme of PMKSY	AEG		IS	1	1	15	0	7	0	4	0	0	0	Zila panchyat Ujjain	2500

Table 5.6 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)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Ujjain	Field Day	6	8	347	0	38	0	48	0	To convince the participant about the applicability of the practice in their own situation	Blackgram day, soybean day, mustard day, Chickpea day, wheat day, Maize	Podding , Grain filling, Maturity
Ujjain	Kisan Mela	1	1	225	56	326	26	25	8	To acknowledge the maximum farmers about the improved agril. Technologies and discussion on crop for boost up the farm production	Agriculture & Crop Diversification, Integrated Nutrient Management., Integrated Pest & Disease Management, Importance of Crop Production Technique, Integrated Farming	Maturity stage
Ujjain	Kisan Ghosthi	2	4	321	0	68	0	26	5	To boost up the production of farmers field	Improved seeds, Balanced fertilizers and pesticides etc.	Before sowing
Ujjain	Exhibition	2	2	85	0	15	0	5	0	To create interest and acquaintance about better standing among farmers	To create awareness about the different models of agriculture	
Ujjain	Film Show	10	12	270	30	75	25	10	5	Live demonstration of the techniques related to the Agriculture.	Local need based issues i.e. onion storage, drudgery in farm women, low tunnel poly house etc.	
Ujjain	Method Demonstrations	1	1	25	5	0	0	4	2	To develop skill and stimulate farmers for Learning by doing & seeing is believing a job in a better way to get better result	Seed treatment. Balanced fertilizers	during sowing

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Ujjain	Farmers Seminar	1	2	383	0	301	0	90	17	Models of integrated farming, seed display, rain water harvesting etc.	INM, IPM, Advanced method of Irrigation, Seed, etc.	
Ujjain	Workshop	1	1	0	0	0	0	25	5	Interaction of scientist and higher officials	Green Kumbh Workshop Action Plan Workshop Home science Workshop XXII Zonal Workshop	
Ujjain	Group meetings	2	2	0	50	0	0	2	0	To develop a favorable attitude about new method and commitment for action through group involvement	<ul style="list-style-type: none"> • Method of self reliance • Develop the agri-business. • Generate the income 	
Ujjain	Lectures delivered as resource persons	20	22	205	60	305	90	88	2	Mass	New Agricultural Techniques to boost up crop production	
Ujjain	Newspaper coverage	20	25	227	6	157	5	56	16	Mass	Time to time need based agricultural technologies	
Ujjain	Radio talks	8	6	300	5	150	10	5	1	Mass	Time to time need based agricultural technologies	
Ujjain	TV talks	2	2	300	50	75	30	2	1	Mass	Time to time need based agricultural technologies	
Ujjain	Popular articles	5	2	30	5	45	5	10	2	Mass	<ul style="list-style-type: none"> • Organic farming • Production technologies • Seed Production • Improved Varieties 	
Ujjain	Extension Literature	1	1	400	60	250	60	5	1	Mass	Current Issues of farming	
Ujjain	Farm advisory	45	1	15600	0	0	0	35	5	15597	Kisan Mobile Advisory-Sowing	Every Stage of

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
	Services										geometry IWM, INM, IPM IDM	Crop
Ujjain	Scientific visit to farmers field	20	20	80	5	70	5	8	2	To create the awareness among farmers about major problem of crop and their control measures		During various crop stages
Ujjain	Farmers visit to KVK	50	80	2500	250	1500	250	80	5	To aware the group of farmers about new technology,	New varieties, importance of crop diversification and adoption of package of practice for a crop INM, IPM & IWM etc	
Ujjain	Diagnostic visits	15	15	75	0	45	0	15	5	To control the insect, pest, disease and nutritional problem of crops	Identify the major problem of crop and suggest their control measures	
Ujjain	Exposure visits	1	1	25	0	0	0	2	0			
Ujjain	Ex-trainees Sammelan	1	1	28	0	4	0	5	3	To develop a favorable attitude and commitment for technology adoption through group interaction.	Success stories of technologies which give better result.	
Ujjain	Soil health Camp	2	2	36	0	2	0	4	0	To aware the farmers about the fertility of the soil to get more productivity and to maintain the soil health	Soil Sampling, Analyzing, Recommendations	Post Harvesting
Ujjain	Animal Health Camp	1	1	62	0	8	0	9	0	To aware the farmers about care and maintenance, feeding management and health problem of	Feeding Management, Care and Maintenance, diagnose of disease and their	-

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
										milch animal.	treatment.	
Ujjain	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Ujjain	Soil test campaigns	1	1	18501	770	100 65	311	4	0	To aware the farmers about the fertility of the soil to get more productivity and to maintain the soil health	Soil Sampling, Analyzing, Recommendations	
Ujjain	Farm Science Club conveners meet											
Ujjain	Self Help Group conveners meetings	1	1	0	25	0	0	1	0			
Ujjain	Mahila Mandals conveners meetings											
Ujjain	Celebration of important days (World Soil Health day)	1	1	243	0	130	0	50	5	To conscious the farming community about the soil health	Fertility Management. Balance fertilizer organic farming	
Ujjain	Parthenium day	1	1	78	0	6	0	4	1	To Create awareness about adverse effect of Parthenium	Lecture on chemical control, mechanical control of parthenium, preparation of manure, live demonstration and rally.	
Ujjain	Technical week	1	1	265	0	39	0	15	6	To aware the farmers about the latest technologies recommended from the research system for dissemination purpose	<ul style="list-style-type: none"> • Crop Production Technology • Integrated Farming System • Soil Health and Management • Crop diversification • Water Management 	

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

7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Ujjain		April-June 2016	1000	1000
Ujjain		July-September 2016	1000	1000
Ujjain		Oct-Dec. 2016	1000	1000
Ujjain		Jan-March 2017	1000	1000

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Ujjain	Leaflet	"Pyaz ki vaigyanik utpadan taknik"	All	500
Ujjain	Leaflet	"Lehsun ki vaigyanik utpadan taknik"	All	500
Ujjain	Leaflet	"Mirch ki vaigyanik utpadan taknik"	All	500
Ujjain	Leaflet	"Tamatar ki vaigyanik utpadan taknik"	All	500
Ujjain	Leaflet	"Dhaniya ki vaigyanik utpadan taknik"	All	500
Ujjain	Leaflet	"Baigan ki vaigyanik utpadan taknik"	All	500
Ujjain	Folder	Year Planner	All	500
Ujjain	Pamphlet	"Mrida Parikshan ka mahataav"	Sh. Rajendra Gawali	500
Ujjain	Pamphlet	"Pradhanmantri Fasal Beema Yojana evam iske Labh"	Sh. H.R.Jatav and Dr. S.K.Kaushik	500
Ujjain	Pamphlet	"Mahila Sashaktikaran"	Dr. Rekha Tiwari	500

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Ujjain	Android App developed by Smt. Ghazala Khan	Malwa Fasal	1

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Ujjain	Oilseed	Soybean	JS 95-60	161.29	1690875.00	-	129
Ujjain	Oilseed	Soybean	RVS2001-4	231.46	2338875.00	-	184
Ujjain	Pulse	Chickpea	JAKI-9218	195.20	2106000.00	-	156
Ujjain	Pulse	Chickpea	RVG-202	79.00	853200.00	-	63

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Ujjain	Fruit	Papaya	Red Lady 786 (Taiwan)	650	9750	29	
Ujjain	Vegetable	Drumstick	PKM-1	8000	96000	27	

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) * Name of product should follow same pattern and spelled correct

KVK Name	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.)
	Bio Agents						
	Bio Agents						
	Bio Fertilizer						
	Bio Fertilizer						

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre)	Value (Rs.)	No. of Beneficiaries

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed so far:

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Ujjain	Established	2007	NPK, PH, Organic Carbon EC and Micronutrients	5996	29647	60	86000	27100

9.2 Details of water samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Water report distributed to the farmers (Nos)

10. Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RV/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total
Ujjain	14-06-2016	Soil and water conservation techniques in Kharif Crop	PF	1	21	2	23	3	0	3
Ujjain	09-09-2016	Training programme on PMKSY	EF	1	25	0	25	2	0	2

11. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)	Accommodation available (No. of beds)
Ujjain	August	2016	Scientific techniques of Goat Farming	05	15	05	-	14
Ujjain	January	2017	Capacity Building through ICT	05	16	05	-	14
Ujjain	February	2017	Practical on Soil and water testing	05	35	05	-	14

12. 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	-

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Ujjain	30.6.16	35	<ul style="list-style-type: none"> ➤ Training should be imparted on spices cultivation.(Sh. Bhim Singh, Farmer) ➤ Demonstration on Pusa Anmol HI 8737 in rabi season.(Sh. Yogendra Kaushik) ➤ Emphasis should be given on Poultry and Dairy farming to farmers under Integrated Farming system.(Dr. Bhagat, KVK, Dewas) ➤ Training must be imparted for proper use of cow dung.(Dr. S. K. Tiwari, Deputy Director, Veterinary) ➤ Promotion and awareness should be created for organic farming (Smt. Neelam Chouhan, PD, ATMA). ➤ Incorporation of Hybrid Maize in the demonstration for good economic return.(Dr. Jagdish Singh, Indore) ➤ Training should be imparted on chili production in Malwa due to its good quality and pungency.(Dr. N.K.Gupta, Deputy Director, Horticulture).
Ujjain	16.11.16	35	<ul style="list-style-type: none"> ➤ Incorporation of extension activity or training to promote Animal Husbandry.(Dr. Trivedi, Veterinary Deptt.) ➤ Suggested the participation of Scientists from KVK in ATMA <i>Sangosthis</i>. (Sh. Kamlesh Rathore, Agri. Deptt.) ➤ Indigenous variety of Papaya like <i>Badwani Lal</i> should be encouraged in Ujjain district.(Sh. S.K.Shrivastav, Horticulture Deptt.) ➤ Drumstick plant should be provided for farm women to overcome the malnutrition problem. (Assistant Director, Women and Child care Deptt.) ➤ Medicinal Crop should be incorporating for crop diversification as well as the presentation should have budgetary and Human resource slide. (Dr. Ambawatia, KVK, Shajapur) ➤ He suggested to Promote the Maize crop under crop diversification. He also suggest the incorporation of latest variety of Wheat in demonstration. (Sh. Yogendra Kaushik, Farmer) ➤ Farmers should be aware about the subsidy provided on solar panel. (Sh. Atul Sharma, Power Development Corporation, Deptt.).

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

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Ujjain	99	15536	64	Farmers Portal	Integrated farming, value addition, mobilization, ICM, production enhancement(Hort.), storage losses, soil and water testing, layout orchard, seed production, disease management, capacity building, IPM, group dynamic, INM, Minimizing nutrient losses, production cultivation (Hort.), feed management, soil fertility, NRM, soil and water conservation and nursery management etc

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

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Ujjain	ATMA	Central	0	Rabi and Kharif Interface, Sangoshtis, training and Kisan Mela	District Ujjain	
Ujjain	Zila Panchyat, Ujjain	State	2500	Training	District Ujjain	
Ujjain	Nehru Yuva Kendra	Central	2500	Training	District Ujjain	
Ujjain	FES-NGO	State	2500	Training	District Ujjain	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Ujjain	1450210000113	414406	360380	360380

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Ujjain	Dr. R.P.Sharma	Individual	District Horticulture Department and ATMA, Ujjain	Nil

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent?

S.No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent ? (ZPD/DES/any other, pl. sp.)
1	Ujjain	Yes	DES

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Ujjain	Crop Cafeteria	Kharif(Soybean-18; Blackgram-12; Greengram-12;Maize-06;Pigeonpea-06) and Rabi(Pea-03; Wheat-21; Chickpea-18; Lentil-03; Fenugreek-06; Safflower-06; Mustard-18)
Ujjain	Technology Desk	E-Linkage Lab, Library, Improved Agriculture Implements, Nutritional Kitchen Garden, Rain Water Harvesting System
Ujjain	Visitors Gallery	A well maintained Exhibits, Progeny Orchard of fruit plants, Crop Varietal Museum
Ujjain	Technology Exhibition	Seed Samples of Improved varieties, Models of leading technology(Vermi-compost, NADEP, Biogas, Integrated Farming System, Poultry, Roof Water Harvesting etc), Photographs and posters
Ujjain	Technology Gate-Valve	News Clips, Map & Graphs and Photographs of KVK activities
Ujjain	Video Conferencing	Video Conferencing with Agriculture deptt and District Administration-02

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	<ul style="list-style-type: none"> It is site-specific live demonstration unit of recent technologies that are demonstrated to show the crop diversity & various latest technologies. It is the urgent necessity to encourage the farmers for their adoption and boost up the production & sustainability. 	Kharif: Soybean, Black gram, Greengram, Maize, Pigeonpea
2		Rabi: Wheat, Chickpea, Mustard, Fenugreek, Pea, Safflower, Lentil, Chilli, Tomato and clusterbean.

19. 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 farmer with Mobile No.
1	Ujjain	Nihal Singh Anjana	Irrigation technique modified for wheat crop	Village: Chintaman, Block and District Ujjain 9826677680
2	Ujjain	Shailendra Singh Solanki	Boat innovated for Fish Farming	Village: Barkhedi, Block: Ghatiya, District Ujjain 9754797447
3	Ujjain	Bhima ji Chandel	Goat Grazing equipment developed by him	Village: Ranaheda, Block Ghatiya, District Ujjain 9926778146
4	Ujjain	Mohan Prajapati	Broad Bed technique modified	Village: Bichhrod, Block Ghatiya, District Ujjain 9754079934

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
Ujjain	06-06-2016, Training	38
Ujjain	25-07-2016, Krishak Sangoshti	186
Ujjain	06-08-2016, Interface	70
Ujjain	10-08-2016, Training	64
Ujjain	31-08-2016, Parthenium Day	34
Ujjain	12-09-2016 to 17-09-2016, Technology Week	304
Ujjain	26-11-2016, Extraine meet	32
Ujjain	01-02-2017, Interface	47

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Ujjain	04	2	62	702

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt

23. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
Ujjain	Bhopal	SAC, Training and Farmers Fair	Knowledge gained regarding Advanced Agricultural Equipment
Ujjain	Dewas	SAC, Training and Farmers Fair	Knowledge Increased regarding ponds farming and fisheries
Ujjain	Ujjain	SAC, Training and Farmers Fair	Knowledge sharing

24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Ujjain	Dr. Chintamani Malviya	4-4-2016	-	-	✓	MP (Loksabha)
Ujjain	Sh. Bahadur Singh Bormudla,	4-4-2016	-	-	✓	Mandi Chairman
Ujjain	Dr (Smt.) M.Billore,	20-06-2016	-	✓	-	Dean, College of Agriculture,

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
						Khandwa
Ujjain	Dr. H.S.Yadav,	20-06-2016	-	✓	-	DRS, RVSKVV, Gwalior
Ujjain	Prof. A.K. Singh	25-10-2016	-	✓	-	Hon'ble VC, RVSKVV, Gwalior
Ujjain	Dr.K. Narayana Gowda	25-10-2016	✓	-	-	Former VC, UAS, Bangalore and Chairman Site selection committee
Ujjain	Dr. Anupam Mishra	25-10-2016	✓	-	-	Director, ATARI, Jabalpur
Ujjain	Dr. S.K.Shrivastav	25-10-2016	-	✓	-	Director, Directorate of Extension Services, RVSKVV, Gwalior
Ujjain	Bahiru Dugumit,	04-11-2016	-	-	✓	USAID/India C/o American Ambassay, New Delhi
Ujjain	Dr. A.K.Tiwari	7-12-2016 and 28-12-2016	-	-	✓	Director, GOI, Directorate of Pulses Development, Bhopal

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Ujjain	08-05-2011	328	5774

26. E-CONNECTIVITY

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No. of lectors organized by KVK	Brief achievements	Remarks
	Date	No. of Staff attended	No. of call received from Hub	No. of Call mate to Hub by KVK			
Ujjain	Nil	Nil	Nil	Nil	Nil	Nil	Nil

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	Ujjain	2	00	-

28. Status of Citizen Charter

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

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Ujjain	Sh.H.R.Jatav	Scientist(Extension)	01	Extension workshop during 27-29 June 2016 at IGKVV, Raipur
Ujjain	Smt. Ghazala Khan	Programme Assistant Computer	01	Rewiew Meeting cum workshop on Digital KVK from 19-21 Jan 2017 at ATARI, Jabalpur
Ujjain	Dr.S.K.Kaushik	Scientist(PB&G)	01	Seed Hub Meeting on 22-3-2017 at RVSKVV, Gwalior
	Total		03	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Ujjain	03	03

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (No s)	Remarks
Ujjain	Dr. S.K.Kaushik	Scientist (PB&G)	01	Zonal workshop of Cluster Demonstration during 10-11 Aug 2016 at RVSKVV, Gwalior
Ujjain	Dr. S.K.Kaushik	Scientist (PB&G)	01	Cluster demonstration 10-9-2016 at RVSKVV, Gwalior
Ujjain	Dr. S.K.Kaushik	Scientist (PB&G)	01	Seed Hub on 4-10-2016 at RVSKVV, Gwalior
Ujjain	Dr. S.K.Kaushik	Scientist (PB&G)	01	Protected cultivation for high value crops at KVK Jhabua
Ujjain	Sh. D.K.Suryawanshi	Scientist(Plant Protection)	01	Honey Bee training at KVK Morena dt. 28-02-2017 & 01-03-2017
Ujjain	Sh. H.R.Jatav	Scientist(Extension)	01	Training on "Time and Stress management for Extension Personnel' s" during 1-2 March 2017 at RVSKVV, Gwalior
Ujjain	Sh. Ajay Gupta	Office Superintendent cum Accountant	01	Training on "Effective Financial and Administrative Management in KVKs" during 9-10 March 2017 at RVSKVV, Gwalior
Ujjain	Dr. R.P.Sharma	Sr.Scientist and Head	01	Training on "Effective Financial and Administrative Management in KVKs" during 9-10 March 2017 at RVSKVV, Gwalior
Ujjain	Sh. Rajendra Gawali	Programme Assistant(Soil Science)	01	Training on "Utility of Soil Health Card in managing soil Health" from 27-03-2017 to 28-03-2017

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Ujjian	09	08

31. Attended HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks
Ujjain	Nil	Nil	Nil	Nil

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

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

Name of KVK	Alert observed	Particulars	Reported to organization
Ujjain	Frost	Inform through Kisan Mobile Advisory, display on KVK website as well as local news news paper	DDA, ATMA, Website
Ujjain	Wheat Residue Burning	Inform through Kisan Mobile Advisory, display on KVK website as well as local news news paper	DDA, ATMA, Website

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Ujjain	Five Days (18-11-2015 to 22-11-2015) Training programmes, Visit to Crop Cafeteriya, Visit to Technology gate Volve, Demonstration etc.	5	304	IPM, ICM, INM, Value addition and Nutrition Security, Seed Production, Water Conservation, Formation of SHG, ICT, Mechanisation, Crop Protection, Crop Diversification, Market led extension in agriculture, Role of Market intelligence in economic sustainability for farming, system, Horticultural crop etc.

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No. of participants

Animal health camps organized

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

Seed distribution in drought hit states

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				

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

Vermis Produced

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

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and gist 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

35. Proposal of NICRA

1. Technologies to be Demonstrated

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

2. Proposed Extension Activities in NICRA Village

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

3. Proposed Training Activities in NICRA Village

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

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status

5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status

6. Public Representative/District Administration Visited in NICRA Village

Name of Representative/Officer	Designation	Date of Visit	Any Special Remark by Visitors

7. Feedback of Farmers for future improvement, if any.

36. Proposed works under NAIP (in NAIP monitoring format): N/A

37. Case study / Success Story to be developed – Two best only in the following format

Name of the KVK, **TITLE, Introduction**, KVK intervention, Output, Outcome, Impact

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Ujjain	01	Nil

1. **Name of KVK:** Krishi Vigyan Kendra (RVSKVV) Ujjain

2. **Title:** Higher Production of Soybean through Raised Bed Techniques

3. Introduction: **Farmers Name & Address :** Sh. Kailash Chandra Panchal Mobile No. 99268-80821, Village & Panchyat- Nahriya;Block-Ujjain; Disst- Ujjain

Background Information: The soybean is the major *kharif* crop of the distt and covers area 4.53 lakh hectares out of 4.89 lakh hectares with average productivity of 14.2 qtls/ ha. Farmers mentioned above has 47 years age belongs to the village Nahariya. He educated up to 5th standard school education. The main source of income earning of family is farming. He has 5.85 ha land for cultivation of crops nearby Undasa Pond. He cultivating soybean crop during kharif season but harvesting of crop-harvest is not satisfactory(Ave. yield= 16-18 q/ ha).

Technology Demonstrated : Seed variety JS 95-60@30 kg per acre+Seed treatment with fungicide (Thiram + Carbendazim)@ 2.5 gm/kg seed + seed Inoculating cultures namely; Rizobium culture@5ml/kg seed and PSB culture@5ml/kg seed + sowing method adopted: FIRB

Institutional Involvement: KVK's Scientists survey the farmer's field during May-June' 2016 and selected the field for displaying the technologies properly. Team met 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 FIRB with the help of district level Agril. Engineering Deptt.-Ujjain. The BTM of ATMA (Agril. Deptt)-Ujjain also suggested to farmers time-to-time.

4. **Success Point :**

1. In-situ moisture conservation in soybean by FIRBs.
2. Avoid fungal mortality due to excess water stagnation at field.
3. Profused flowering results in more podding for higher yield.
4. The best crop stand at field leads to higher yield
5. Cost of cultivation reduced drastically due to FIRB technology and application of various components of IPM.

5. Outcome :

Practice used	Total cost of Cultivation	Gross Income	Net Income	Cost benefit Ration	% Increase
Farmer's Practice	14520	58464	43944	4.03	-
Recommended Practice	16520	69600	53080	4.21	19.04

6. Quality Photographs:

		
<p>KVK's scientists visiting the Farmer's field</p>	<p>Farmer Sh. Kailash Panchal with experiment</p>	<p>Visit of Cluster Demo(Oilseed) monitoring team</p>

38. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem) –

FLD on Soybean (Full Package) JS 95-60



FLD on Soybean (Bio-fertilizer)



FLD on Soybean RVS 2001-04



FLD on Soybean (Deep Ploughing) JS 93-05



FLD on Maize PAC 712



FLD on Maize PAC 712



FLD on Soybean(Bio-Fertilizer) Rhizobium + PSB



FLD on Soybean JS 20-34



FLD on Soybean RVS 2001-04



FLD on Soybean JS 20-34



CFLD on Soybean(Full Package) JS 95-60



FLD on Soybean(Full Package) JS 95-60



FLD on Soybean (Sowing Tech. -Raised Bed)



FLD on Potato (INM)



FLD on Blackgram PU-31



FLD on Blackgram (Full Package) PU-31



FLD on Garlic



CFLD on Wheat visited by monitoring team



CFLD(NFSM) on Chickpea RSG 973



CFLD (NFSM) on Chickpea JG-16



FLD on Mustard (Full Package) RVM-2



Visit of Monitoring team on CFLD plot of Wheat



FLD on Chickpea JG 130



FLD on Chickpea RVG-202



FLD on Wheat (Pusa Mangal) HI 8713



CFLD on Wheat DW-110(Seed Treatment)



Visit of Monitoring team on plot of CFLD-Wheat DW-110



CFLD on Wheat (DBW-110)



OFT on Soybean variety NRC-86



OFT on Soybean variety NRC-86



OFT on Soybean (Deep Plough)



OFT on Maize variety S-6304



View of Agri. Technology Banner from MP, Chhatisgarh & Odisha KVKs



Inauguration of KVK Simhasth exhibition



Folk Dance during Simhasth exhibition



Group Photograph of KVK Simhasth exhibition



Visitor to Simhasth Exhibition organized by MP, Chhatisgarh & Odisha KVKs



Hon'ble VC, RVSKV and Director ATARI, Jabalpur visit to Simhasth exhibition



Dr. Anupam Mishra, Director ATARI, Jabalpur visit to Simhasth exhibition



Simhasth Exhibition Visit



Message of Hon'ble PM Video played during PMFBY Programme



Dr. C. Malviya, MP addressing the farmers during PMFBY Programme



Farmer interacting with scientist during PMFBY on 4-4-2016



Sh. Bormudla, Mandi Chairman addressing the farmers during PMFBY Programme



Gathering of farmers and input dealers during PMFBY Programme



Demonstration of Farm Machinery during PMFBY on 4-4-2016



Registration of Farmers during PMFBY



Farmers Visit to KVK



Weed Management after rain at KVK Field



Monitoring team visit at demonstration plot



Monitoring team visit at demonstration plot



Visit of farmers field by Scientists and Deputy Director Agriculture



Dr. Dixit addressing farmers during Parthenium Awareness Programme



Parthenium Awareness Rally



RAWE Student and Children during Parthenium Awareness Programme



Visit of Scientists to Farmers field



Kharif Kisan Sangoshti at Madawda, Khachrod



Engg. L.K.Jain interacting with farmers during Kharif Sangoshti



Play organized by RAWE student in Kharif Sangoshti



Play organized by RAWE student in Kharif Sangoshti



Interaction of farmers and Professors during Tech. Week



Agriculture College team visited during Tech. Week



Crop Cafeteria Technology visited by farmers during Tech. Week



Crop Cafeteria Technology visited by farmers during Tech. Week



Field day on Maize celebrated at Farmer's Field



Field day on Maize celebrated at Farmer's Field



Field Day on Blackgram at Ranaheda



Field Day on Blackgram at Ranaheda



CFLD on Soybean (Full Package) JS 95-60



A View of Mustard Field Day



Sh. Shekhawat, MLA-Khanchrod addressing the farmers



A View of Chickpea field during Field Day



Cleaning of Campus of KVK, Ujjain on 16-10-2016



Oath taking ceremony for making Clean and Green Campus under Swachh Bharat



Hand Washing Programme at Carmel School, Bandka on 19-10-2016



Students were informed about recycling of e-waste on 19-10-2016



Message of Cleanliness delivered by dignitaries on 25-10-2016



Waste from Farm collected for compost preparation on 25-10-2016



Weeds are removing by KVK staff and farmers on 29-10-2016



Monitoring team visit at demonstration plot



World soil Health Day Celebration



Soil Health Card distribution on World soil Health Day



Dr. Malviya, MP(Loksabha) during Krishak Sangoshti



Dr. Dixit participation in Krishak Sangoshti under Gram Uday



Dr. Tiwari monitoring the Seed Hub



Dr. A.K.Tiwari Visited Seed Hub Project



Dr. A.K.Dixit addressing the farmers during Kisan Sangoshti "Jai Jawan, Jai Kisan, Jai Vigyan"



Dr. A.K.Dixit addressing farmers during Field Day



Dr.A.K.Tiwari, Director, Directorate of Pulse GOI, Bhopal addressing Farmers



Dr. Ravindra Pastore, commissioner, Ujjain Div. and Dr. A.K.Tiwari



Dr. Ravindra Pastore, commissioner, Ujjain Div. launching the “Malwa fasal” app. of KVK, Ujjain



Smt. Ghazala Khan gave a brief on “Malwa Fasal” app.



Visit of farmers field by Scientists and Deputy Director Agriculture



Scientists Visit to Farmers Field



Scientists Visit to Farmers Field



Scientists Visit to Farmers Field



Dr. A.K.Singh, Hon'ble VC, R,V,S,K,V.V addressing the House



Dr. Anupam Mishra, Director, ICAR-ATARI addressing the Site Selection Committee



OFF Campus Training Programme



Off Campus training Programme



Demonstration of Soil Sample Collection under SHC Campaign



View of Off-Campus training



View of Off-Campus training



View of Off-Campus training



View of Off-Campus training



View of Off-Campus training



Vocational training on Goat Rearing



A view of Goat Rearing vocational training



Dr. Shrivastava addressing Rural Youth during Vocational training



Dr. Shilpi addressing Rural Youth during Vocational Training



Dr. Pachuri addressing Rural Youth during Vocational training



Certificate Distribution to the trainees of Goat Rearing Voc. training



Dr. Dixit addressing RY during Vocational Training on Nursery Management



Practical on Nursery preparation under Net house during Vocational Training



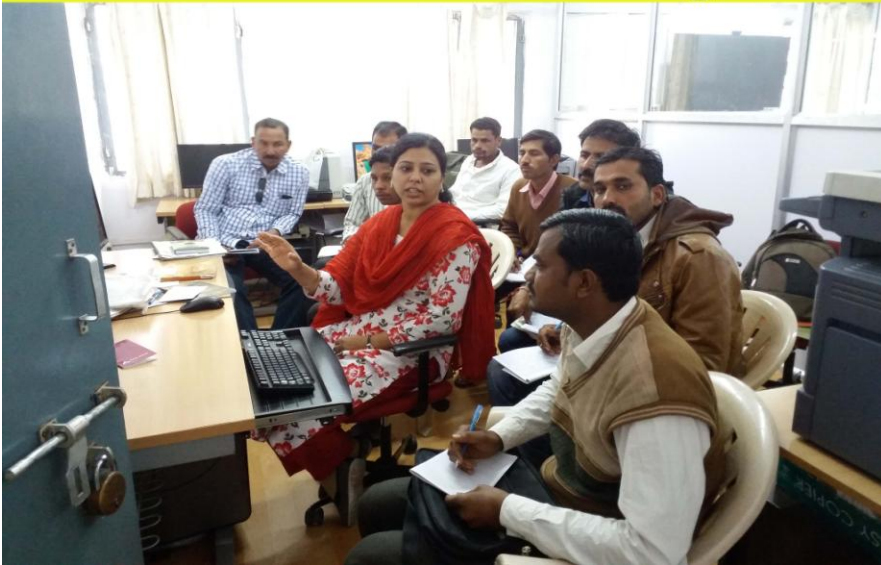
Demonstration of budding by Horticulture dept. Ujjain during Nursery Management Training



Certificate distribution during Vocational Training on Nursery Management



Practical session of Vocational training on ICT



Validictory Function of Vocational training on ICT



Certificate Distributed by Dr.Sharma to the trainees of ICT training



Rural Youth and KVK team

