ANNUAL PROGRESS REPORT
2015-16

KRISHI VIGYAN KENDRA-UJJAIN

Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya

ANNUAL PROGRESS REPORT

April 2015 to March 2016

Krishi Vigyan Kendra, Ujjain
(Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya)

Contents

REPORTING PERIOD – April 2015 to March 2016

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2015-16

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	**On Farm Testing**			
	Proposed OFT	**16**	235	
	On Going OFT	**01**	30	
	Technologies assessed (Completed OFT)	**15**	205	
	Technologies refined	**-**	-	
	On farm trials conducted	**16**	235	
2	**Frontline demonstrations**			
	Proposed Frontline demonstrations	23	15802	
	On Going Frontline demonstrations	1	15597	
	FLDs conducted on crops	21	190	
	Area under crops (ha.)	76	190	
	FLD on farm implement and tools	2	19	
	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, vermicompost, etc.)	-	-	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	3	32	
3	**Training programmes**	**No. of Course**	**Duration (days)**	**Participants**
	Farmers	44	44	959
	Farm women	6	6	119
	Rural youth	11	11	206
	Extension personnel/ In service	12	12	215
	Vocational trainings	4	20	61
	Sponsored Training	5	8	223
	Total	82	101	1783
		No. of programmes	**Participants**	
4	**Extension Programmes**	797	21556	
5	**Production of technology inputs etc**	**Qty**	**Beneficiaries (nos.)**	
	Seed (qt.)	342.65	48	
	Planting material produced (nos.)	8846	113	
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.)	12	11500	
	KVK News letter	4	1000	
	SAC Meetings conducted	2	70	
	Soil sample tested	500	500	
	Water sample tested	-	-	
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	2	40	
	KVK-KMA (Message and beneficiaries)	81	15597	
	Convergence programmes	10	-	
	Sponsored programmes	-	-	
	KVK Progressive Farmers interaction	6	305	
	No. of Technology Week Celebrations	1	162	
	Attended HRD activities organized by ZPD	3	5	
	Attended HRD activities organized by DES	4	4	
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	0	0	
9	Current status of Revolving Funds (Amt. in Rs.)	414406		
10		**No. of blocks**	**No. of villages**	
	Outreach of KVK in the District	6	764	
11		**ICAR**	**SAU**	**Others**
	No. of important visitors to KVK (nos.)	3	4	6
12		**Working (Yes/No)**	**No. of Update since inception**	
	Status of KVK Website	Yes	280	
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	11	5	
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	10		
18	Publication received from ICAR /other organization (nos.)	16		
19		**Particulars**	**Organization**	
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	Frost, Hail storm Heavy rain	SAU, ZPD, DDA and Farmers	

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2016

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	4	3	3	6	3	16	11

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joiing	Per./Temp.	Category
Ujjain	Programme Coordinator	Dr. A.K. Dixit	Soil Science	Ph.D.	Soil Chem. & Fertility	37400-67000 + 9000	55440	14.09.06	Perm.	Others
Ujjain	Subject Matter Specialist1	Dr. S.K. Kaushik	Pl. Br. & Genet.	Ph.D.	Pl. Br. & Genet.	15600-39100 + 6000	30690	08.03.07	Perm.	Others
Ujjain	Subject Matter Specialist2	Dr. D.S.Tomar	Agronomy	Ph.D.	Agronomy	15600-39100 + 6000	30690	28.03.07	Perm.	Others
Ujjain	Subject Matter Specialist3	Dr.(Smt)Rekha Tiwari	Home Science	Ph.D.	Home Science	15600-39100 + 6000	30690	14.05.07	Perm.	Others
Ujjain	Subject Matter Specialist4	Sh.Hansraj Jatav	Extension	M.Sc.(Ag.)	Agril. Extn.	15600-39100+6000	21600	01-09-14	Temp.	SC
Ujjain	Subject Matter Specialist5	Vacant	-	-	-	-		-	-	-
Ujjain	Subject Matter Specialist6	Vacant	-	-	-	-		-	-	-
Ujjain	Programme Assistant	Sh. Rajendra Gawali	Soil Science	M.Sc. (Ag.)	Soil Science	9300-34800 + 4200	28120	28.02.11	Temp.	ST
Ujjain	Farm Manager	Er. L.K. Jain	Agril. Engg.	B.Tech.	Agril. Engg.	15600-39100+5400	17680	16.05. 05	Perm.	Others
Ujjain	Computer Programmer	Smt. Ghazala Khan	Computer Science	M.Sc. (Chem) & (CS)	Computer Science	9300-34800 + 4200	16220	01.04. 08	Perm.	Others
Ujjain	Accountant / superintendent	Vacant	-	-	-	-		-	Perm.	-
Ujjain	Stenographer	Vacant	-	-	-	-		-		-
Ujjain	Driver	Sh..Chandan Singh	-	-	-	5200-20200 + 2800	15910	10.8.04	Perm.	OBC
Ujjain	Driver	Rajesh Verma	-	-	-	5200-20200 + 1900	9360	11.07.08	Perm.	Gen
Ujjain	Supporting staff	Sh.Narayan Verma	-	-	-	5200-20200 + 1800	11430	08.07.05	Perm.	SC
Ujjain	Supporting staff	-	-	-	-	-	-	-	-	-

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	Bichhrod	2012	Ghatiya	32	6000	800
Ujjain	Salakhedi	2012	Ghatiya	32	662	100
Ujjain	Narwar	2014	Ujjain	15	5400	1040
Ujjain	Bihariya	2013	Ghatiya	23	1500	255
Ujjain	Motipura	2013	Ghatiya	21	400	68
Ujjain	Pipliyahama	2013	Ghatiya	35	1238	550
Ujjain	Kankariyachand	2013	Ghatiya	3	750	185
Ujjain	Jaithal	2015	Ghatiya	14	874	238
Ujjain	Bandaka	2015	Ghatiya	16	1020	348
Ujjain	Panbihar	2015	Ghatiya	18	1674	408
Ujjain	Motipura	2015	Ghatiya	20	428	321
Ujjain	Kaluheda	2015	Ghatiya	29	1280	672
Ujjain	Barotikheda	2015	Ghatiya	35	165	115
Ujjain	Borkhedi	2015	Ghatiya	33	157	68
Ujjain	Rudaheda	2015	Ghatiya	35	748	226
Ujjain	Runaheda	2015	Ghatiya	25	137	57
Ujjain	Khajuriya Sadar	2015	Ghatiya	37	673	138
Ujjain	Guradiya Gurjar	2015	Ghatiya	39	276	145
Ujjain	Chandesara	2015	Ujjain	11	374	87
Ujjain	Chandesari	2015	Ujjain	9	322	97
Ujjain	Kalyanpura	2015	Ujjain	17	476	110
Ujjain	Khajuriya Rahbari	2015	Ujjain	15	265	118
Ujjain	Datana	2015	Ujjain	14	743	267
Ujjain	Raghvi	2015	Mehidpur	40	600	175
Ujjain	Ramsara	2015	Mehidpur	42	500	80
Ujjain	Palwa	2015	Mehidpur	41	300	60

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.
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 resillence

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
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
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

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.**

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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)	T3	FP (T_1)	RP (T_2)	T3	
Ujjain	2015-16	Kharif	Low yield due to axial blight & aberrations in weather	Assessment of soybean variety (JS 20-34)for higher productivity under changing climatic situations	**Assessment**	Varietal Evaluation	Soybean	RF	5	6.27	7.41	-	7404	10324	-	Recommended for FLDs

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	
Ujjain	2015-16	Kharif	Low yield of soybean due to poor plant population, moisture stress and / or water stagnation during heavy down pour. (Affected area 8.5 lac hectare loss 30 to 70%)	Assessment of different sowing methods for optimizing seed rate and water balancing in soybean	**Assessment**	Natural Resource Management	Soybean	RF	5	5.95	13.54	11.95	2539	20639	25946	Both FIRB & BBF are better over Sweep Seed Drill.
Ujjain	2015-16	Kharif	Mono-cropping due to most area covered under soybean	Assessment of Maize & Cluster bean variety for high remuneration in light soils under changing climatic situations.	**Assessment**	Varietal Evaluation	Maize	RF	5	6.96	51.36	-	9716	53644	-	Maize cultivation showed better income over soybean.

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	
Ujjain	2015-16	Kharif	Low yield of soybean due to poor nitrogen fixation and less availability of P . (Area affected 11.5 lac ha)	Assessment of bio-fertilizer application for enhancing biological nitrogen fixation and P availability in soybean.	**Assessment**	Integrated Nutrient Management	Bio-fertilizer	RF	5	6.27	6.84	-	3504	5114	-	needs one more cycle
Ujjain	2015-16	Kharif	Low yield of soybean in 70-75% area of Ujjain distt as per STR	Impact assessment of use of sulfur in soybean based cropping system.	**Assessment**	Adoption	Enterprise	-	90	Knowledge;	-	-	-	-	-	Attached Below
Ujjain	2015-16	Rabi	Low yield of local Gram variety	Assessment of gram variety RVG-202 for high yield.	**Assessment**	Varietal Evaluation	Chickpea	Irriga-tion	5	12.96	18.72	-	32500	53540	-	High B:C ratio indicated recommendation for adoption of New technology.

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	
Ujjain	2015-16	Rabi	Low yield of wheat due to unavailability of appropriatev late sown variety	Assessment of Wheat variety RVW-4106 for late sown condition.	**Assessment**	Varietal Evaluation	Wheat	Irriga-tion	5	46.08	53.76	-	51072	61884	-	Recommended for FLDs
Ujjain	2015-16	Rabi	Low yield of local wheat variety	Assessment of Wheat variety MPO-1215 for high yield.	**Assessment**	Varietal Evaluation	Wheat	Irriga-tion	5	46.56	53.28	-	51764	61252	-	Recommended for FLDs
Ujjain	2015-16	Rabi	Low remuneration due to less irrigations availability	Assessment of mustard variety RH-749 for high remuneration.	**Assessment**	Varietal Evaluation	Mustard	Irriga-tion	5	27.84	8.06	-	23216	27562	-	Needs one more trial.
Ujjain	2015-16	Rabi	Low production due to development of resistance against the prevailing herbicide and existence of mixed weed flora.	Assessment of Clodinafop + metsulfuron (60 g a.i/ha + 4 g a.i./ha) against mixed weed flora in wheat.	**Assessment**	Integrated Weed Management	Wheat	Irriga-tion	5	40.32	48.72	-	42488	53798	-	Recommended for FLDs

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	
Ujjain	2015-16	Rabi	Low yield due to drought condition	Assessment of KCL@ 1.0% foliar spray for drought management in wheat.	Assessment	Integrated Nutrient Management	Wheat	Irriga-tion	5	37.42	40.6	-	37490	41415	-	
Ujjain	2015-16	Rabi	Unavailability of agricultural literature	Impact assessment of literature developed by KVK in yield enhancement of chickpea.	Assessment	Adoption	Enter-prise	-	50	-	-	-	-	-	-	Attached below
Ujjain	2015-16	Rabi	Poor dissemination of latest technology at mass level	Assessment of Visual based technical information through whatsapp.	Assessment	Information and Communication Technology	Enterpise	-	30	-	-	-	-	-	-	Attached Below
Ujjain	2015-16	Rabi	Low yield of garlic due to imbalance use of nutrients	Assessment of INM application on yield of garlic.		Integrated Nutrient Management	Crop	Irriga-tion	5	74.88	84.96	-	242504	278148	-	

Extension OFT

Title: Impact assessment of use of sulphur in soybean based cropping system.							
	R.P.-I Yld(kg/ha)	R.P.		F.P.			
Farmers(No.)		45		45			
Parameters	Knowledge			Adoption			

	Category	Low	Medium	High	Full adoption	Partial Adop.	No Adoption
	FP(T1)	26(58%)	16(35%)	3(07%)	2(05%)	15(33%)	28(62%)
	RP(T2)	6(13%)	22(49%)	17(38%)	18(40%)	24(53%)	3(07%)
Title:Impact assessment of literature developed by KVK in yield enhancement of chickpea.							
	R.P.-I Yld(kg/ha)		R.P.		F.P.		
Farmers(No.)			50		50		
	Parameters	Knowledge					
	Category	Low	Medium	High			
	FP(T1)	31(62%)	16(32%)	3(06%)			
	RP(T2)	5(10%)	32(64%)	13(26%)			

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 Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP(T_2)	Refined Practice, if any(T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any(T_3)
Ujjain	Assessment of soybean varieties for higher productivity under changing climatic situations.	Yield(Q/ha)	6.27	7.41	-	13600	14500	-	21005	24824	-	7404	10324	-	1.54	1.71
Ujjain	Assessment of different sowing methods for optimizing seed rate and water balancing in soybean	Yield(Q/ha)	5.95	13.54	11.95	17400	19400	-	19939	40039	-	2539	20639	-	1.15	2.34
Ujjain	Assessment of Maize & Cluster bean variety for high remuneration in light soils under changing climatic situations.	Yield(Q/ha)	6.96	51.36	-	13600	18260	-	23316	71904	-	9716	53644	-	1.71	3.92

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 Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP(T_2)	Refined Practice, if any(T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any(T_3)
Ujjain	Assessment of bio-fertilizer application for enhancing biological nitrogen fixation and P availability in soybean	Yield(Q/ha)	6.27	6.84	-	17500	17800	-	21005	22914	-	3504	5114	-	1.2	1.29
Ujjain	Impact assessment of use of sulfur in soybean based cropping system.															
Ujjain	Assessment of gram variety RVG-202 for high yield.															
Ujjain	Assessment of Wheat variety RVW-4106 for late sown condition.	Yield(Q/ha)	46.08	53.76	-	19200	20100	-	70272	81984	-	51072	61884	-	3.66	4.08
Ujjain	Assessment of Wheat variety MP 01215 for high yield.	Yield(Q/ha)	46.56	53.28	-	19240	20000	-	71004	81252	-	51764	61252	-	3.69	4.06
Ujjain	Assessment of mustard variety RH-749 for high remuneration.	Yield(Q/ha)	27.84	8.06	-	19240	5500	-	42456	33062	-	23216	27562	-	2.21	6.08
Ujjain	Assessment of Clodinafop + metsulfuron (60 g a.i/ha + 4 g a.i./ha) against mixed weed flora in wheat.	Yield(Q/ha)	40.32	48.72	-	19000	20500	-	61488	74298	-	42488	53798	-	3.24	3.63
Ujjain	Assessment of KCL@ 1.0% foliar spray for drought management in wheat.	Yield(Q/ha)	37.42	40.6	-	19240	20000	-	56730	61915	-	37490	41415	-	2.95	3.02

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 Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP(T_2)	Refined Practice, if any(T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any(T_3)
Ujjain	Impact assessment of literature developed by KVK in yield enhancement of chickpea.	Yield(Q/ha)	6.27	7.41	-	13600	14500	-	21005	24824	-	7404	10324	-	1.54	1.71
Ujjain	Assessment of Visual based technical information through whattsapp.	Yield(Q/ha)	5.95	13.54	11.95	17400	19400	-	19939	40039	-	2539	20639	-	1.15	2.34
Ujjain	Assessment of INM application on yield of garlic.	Yield(Q/ha)	6.96	51.36	-	13600	18260	-	23316	71904	-	9716	53644	-	1.71	3.92

2.3 Information about Home Science OFT:

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	2015-16	Kharif	Malnutrition due to low content of protein in daily diet	Assessment of Vegetable Soybean as a protein diet to overcome malnutrition.	Assessment	Malnutrition management	Vegetable Soybean-Karune	High protein content, suitable for table purpose, low linolinic acid	Irrigated	5	
Ujjain	2015-16	Rabi	Poor remuneration due to Low Shelf Life of Perishable vegetable like Tomato	Assessment of KMn O4 to increase the shelf life of tomato	Assessment	Post Harvest Management	K Mn O_4 solution @ 1 gm/ 3 kg,	$KMnO_4$ increases shelf life of tomatoes	Irrigated	5	K MnO4 for enhancing the shelf life of Tomato

2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		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	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
												Failed											
												attached separately											

Parameters	FP T1	RP T2 ($KMnO_4$)
Colour	Red green to dark Red	Red green to Dark red
Texture	Hard	Hard
Fresh Weight (1^{st} day)	5 Kg	5 Kg
Taste (10^{th} day)	not eatable	eatable
Weight Loss (10^{th} day)	2 Kg	1 Kg
Damaged Started	3^{rd} day	5^{th} day

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Ujjain	There is a need of short duration as well as medium duration maturing varieties of soybean having either tolerance or resistance against the axial blight due to which farmers get loss in productivity.
Ujjain	KVK expect from the researchers that there should be a crop of kharif season having 90-100 days harvesting for crop diversification.
Ujjain	The application of water management tools like Raised Bed planter or BBF shown very good results even though under adverse climatic condition of farmer's fields. It takes more time over farmers practice so time balancing is required.
Ujjain	Although prevalent kabuli varieties given good potentiality but having sensitivity towards wilt. Hence, researchers should be develop a wilt-resistant kabuli variety having the same potential and maturity period.
Ujjain	There is no more alternatives under garlic varieties having good productivity.
Ujjain	Chickpea variety RVG-202 shown a fantastic results and farmers prefers the variety under desi type.
Ujjain	DBW-110 showed good yield potential under limited irrigations under sharbati group.
Ujjain	KVK demands mustard variety having tolerance against shattering so that farmers could managed well on maturity with good harvest.

3. Achievements of Frontline Demonstrations

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
Ujjain	Maize	Integrated Crop Management	Full package technology	FLD and Trainings, Field day	25	247	375
Ujjain	Chili	Integrated Pest Management	Imidachloprid 17.8 SL @ 15 ml per knapsack	FLD and Trainings, Field day	14	108	75
Ujjain	Onion	Integrated Crop Management	Full technology with variety AFDR	OFT,FLD and Trainings	57	229	750
Ujjain	Tomato	Integrated Crop Management	Raised bed of 75 cm width with alternate furrows of 45 cm.	FLD and Trainings	15	73	126
Ujjain	Vegetables	Nutritional Security	Improved hybrids of vegetables to produce round the year	OFT,FLD and Trainings	4	50	15
Ujjain	Soybean	Integrated Crop Management	Variety JS-95-60: RDF (20:60:20:20; N: P: K: S) and need based plant protection measures	FLD and Trainings	175	7890	189260
Ujjain	Soybean	Integrated Nutrient Management	Use of sulphur@20 kg/ha with Boron @1.5 kg/ha as basal application	OFT,FLD and Trainings	35	217	1587
Ujjain	Soybean	Integrated Nutrient Management	Use of cycocell @1000ppm at 50DAS	OFT,FLD and Trainings	42	915	4200
Ujjain	Soybean	Integrated Weed Management	Use of Diclosulam@22.5g/ha as PE	OFT,FLD and Trainings	12	75	350
Ujjain	Soybean	Natural Resource Management	Ridge and furrow planting through refinement in seed drill with rear attachment	OFT,FLD and Trainings	450	32500	210000
Ujjain	Soybean	Integrated Nutrient Management	Use of Potassic Fert. @40 kg K_2O/ha	OFT,FLD and Trainings	78	10525	9500
Ujjain	Blackgram	Integrated Crop Management	Variety PU-31: RDF (20:60:20) and need based PP	OFT,FLD and Trainings	30	115	178
Ujjain	Advisory	Information and Communication Technology	All Subjects	OFT,FLD and Mela, Awareness campaign	540	15597	-

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
Ujjain	Mustard	Integrated Crop Management	Seed + RDF + planting geometry + variety (Pusa Jaikisan) and need based plant protection	OFT,FLD and Trainings	114	510	4975
Ujjain	Chickpea	Integrated Crop Management	Seed + RDF + planting geometry + variety (JG-11) and need based plant protection	OFT,FLD and Trainings	165	1080	14890
Ujjain	Chickpea	Varietal Evaluation	Seed,variety JG-11	OFT,FLD and Trainings	18	116	368
Ujjain	Wheat	Natural Resource Management	Field preparation for rabi crop through rotavator	OFT,FLD and Trainings	68	551	4725
Ujjain	Wheat	Varietal Evaluation	Variety Raj -3777	OFT,FLD and Trainings	11	58	420
Ujjain	Wheat	Varietal Evaluation	Variety Harshita HI-1531 (Harshita)	OFT,FLD and Trainings	116	420	2205
Ujjain	Wheat	Varietal Evaluation	Variety HI-1544 (Poorna)	OFT,FLD and Trainings	150	1155	12800
Ujjain	Wheat	Varietal Evaluation	Variety HI-8638 (Malav Kranti)	OFT,FLD and Trainings	13	53	341
Ujjain	Wheat	Integrated Pest Management	Seed treatment of wheat with Chloropyriphos@7ml/kg	OFT,FLD and Trainings	106	1280	4850
Ujjain	Wheat	Varietal Evaluation	Variety HI-8663 POSHAN	OFT,FLD and Trainings	208	7240	23450
Ujjain	Wheat	Varietal Evaluation	Variety HI-8713 Pusa Mangal	OFT,FLD and Trainings	40	145	1200
Ujjain	Chickpea	Varietal Evaluation	JGK-3	OFT,FLD and Trainings	16	84	294
Ujjain	Chickpea	Integrated Nutrient Management	Co-inoculation of Ammonium molybdate @ 1g/kg seed with Rhizobium	OFT,FLD and Trainings	79	368	919
Ujjain	Garlic	Integrated Weed Management	Pre emergence application of Oxyflourfen @0.250 l ai/ha	OFT,FLD and Trainings	315	840	2625
Ujjain	Potato	Integrated Disease Management	Spray of Mancozeb+ Metalyxl @30g/knapsack at 30 and 50 DAS	OFT,FLD and Trainings	341	1575	7875
Ujjain	Potato	Integrated Nutrient Management	Use of N:P:K (100:60:80)	OFT,FLD and Trainings	116	436	2310
Ujjain	Tomato	Value Addition	Value Addition Tomato Ketchup	OFT,FLD and Trainings	8	42	84
Ujjain	Aaonla	Value Addition	Value Added in Aaonla	OFT,FLD and Trainings	6	37	16
Ujjain	Marigold	Varietal Evaluation	Variety Pusa Narangi	OFT,FLD and Trainings	16	68	89

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.**

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3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprizes	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Ujjain	2015-16	Kharif	Integrated Crop Management	Full Package	Soybean	JS-9560	5	7.8	10.5	34.6	2	0	6	4	12
Ujjain	2015-16	Kharif	Varietal performance	Variety	Soybean	RVS 2001-04	1	7.5	13.5	80	1	0	4	0	5
Ujjain	2015-16	Kharif	Integrated Nutrient Management	Sulphur and Boron Nutrition	Soybean	JS-9560	4	7.3	8.8	20.5	2	0	7	3	10
Ujjain	2015-16	Kharif	Natural Resource Management	Deep Ploughing	Soybean	JS-9305	5	7.5	9.5	26.7	3	0	7	2	12
Ujjain	2015-16	Kharif	Integrated Nutrient Management	Potassium Nutrition	Soybean	JS-9560	4	7.5	9	20	1	0	8	1	10
Ujjain	2015-16	Kharif	Natural Resource Management	Raised Bed Planting	Soybean	JS-9305	5.6	7.5	14.5	93.3	2	0	6	6	14
Ujjain	2015-16	Kharif	Natural Resource Management	Broad Bed Planting	Soybean	JS-9305	2	7.8	13.7	75.6	1	0	3	1	5
Ujjain	2015-16	Kharif	Mal Nutrition Management	Fortified flour	Soybean	Fortified flour	-				4	0	8	3	15
Ujjain	2015-16	Kharif	Integrated Crop Management	Full Package	Blackgram	JU-3	5	6.2	7.8	25.8	1	0	7	4	12
Ujjain	2015-16	Kharif	Integrated Crop Management	Full Package	Maize	PAC-712	4.4	29.8	47.5	59.4	2	0	8	1	11
Ujjain	2015-16	Rabi	Integrated Crop Management	Full Package	Mustard	RVM-2	5	6.5	10.8	86.6	2	0	6	4	12
Ujjain	2015-16	Rabi	Integrated Crop Management	Full Package	Gram	JAKI-9218	5	11.2	15.8	41.8	3	0	7	2	12

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprizes	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Ujjain	2015-16	Rabi	Integrated Nutrient Management	INM in potato	Potato	Kufri chipsona-1	2	175	245	40	0	0	6	4	10
Ujjain	2015-16	Rabi	Integrated Nutrient Management	Use of Molybdenum in chickpea	Gram	JG-16	5	10.8	12.4	14.8	3	0	7	2	12
Ujjain	2015-16	Rabi	Variety Evaluation	HI-8663	Wheat	HI-8663 Poshan	5	45	68.4	52	2	0	7	3	12
Ujjain	2015-16	Rabi	Variety Evaluation	HI-1544	Wheat	HI-1544 Poorna	5	43.5	57.2	31.5	4	0	6	2	12
Ujjain	2015-16	Rabi	Variety Evaluation	HI-8713	Wheat	HI-8713 Pusa mangal	5	44.2	65.5	48.2	3	0	5	4	12
Ujjain	2015-16	Rabi	Variety Evaluation	RVSKG-102	Gram	RVSKG-102	1	10.4	14.8	42.4	1	0	4	0	5
Ujjain	2015-16	Rabi	Integrated Pest Management	Spinosad	Garlic	Spinosad @100g/ha	5	107	145	35.5	3	0	6	3	12
Ujjain	2015-16	Round the yr	Information &Communication Technology	Technology Dissemination	Enterprise	Messaging through Mobile phone	-	-	-	-	-	-	-	-	15597

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	7.8	10.5	17595	18742	28080	37800	10485	19058	1.6	2.02
Ujjain	Variety	Soybean	yield	7.5	13.5	14700	17083	27000	48600	12300	31517	1.84	2.84
Ujjain	Sulphur and Boron Nutrition	Soybean	yield	7.3	8.8	14700	17083	26280	31680	11580	14597	1.79	1.85
Ujjain	Deep Ploughing	Soybean	yield	7.5	9.5	14141	14985	27000	34200	12859	19215	1.91	2.28

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	Potassium Nutrition	Soybean	yield	7.5	9	14553	16400	27000	32400	12447	16000	1.86	1.98
Ujjain	Raised Bed Planting	Soybean	yield	7.5	14.5	16662	17585	27000	52200	10338	34615	1.62	2.97
Ujjain	Broad Bed Planting	Soybean	yield	7.8	13.7	16662	17585	28080	49320	11418	31735	1.69	2.8
Ujjain	Full Package	Blackgram	yield	6.2	7.8	9816	11356	32800	44880	22984	33524	3.3	4
Ujjain	Full Package	Maize	yield	29.8	47.5	16008	18498	34345	61577	18337	43079	1.15	2.33
Ujjain	Full Package	Mustard	yield	6.5	10.8	9450	10675	27300	45360	17850	34685	2.9	4.2
Ujjain	Full Package	Chickpea	yield	11.2	15.8	14500	16380	42560	60040	28060	43660	2.9	3.7
Ujjain	INM in potato	Potato	yield	175	245	44800	55350	122500	171500	77700	116150	2.7	3.1
Ujjain	Use of Molybdenum in chickpea	Chickpea	yield	10.8	12.4	14500	15200	41040	47120	26540	31920	2.8	3.1
Ujjain	HI-8663	Wheat	yield	45	68.4	14600	16500	72000	109440	57400	92940	4.9	6.6
Ujjain	HI-1544	Wheat	yield	43.5	57.2	14600	15800	76125	100100	61525	84300	5.2	6.3
Ujjain	HI-8713	Wheat	yield	44.2	65.5	14600	16500	70720	104800	56120	88300	4.8	6.4
Ujjain	RVSKG-102	Chickpea	yield	10.4	14.8	14500	16200	39520	56240	25020	40040	2.7	3.5
Ujjain	Spinosad	Garlic	yield	107	145	52700	53850	374500	507500	321800	453650	7.1	9.4

3.4 Information about Home Science FLDs

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/Entreprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries

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/Entreprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Ujjain	2015-16	Kharif	IG	Low income of farm women	Cultivation of marigold Pusa Narangi for income generation	Marigold	Pusa Narangi	Irrigated	1	5
Ujjain	2015-16	Kharif	Malnutrition	Malnutrition among women and children	Nutritional Kitchen Garden	Seasonal Vegetable	Hybrid Vegetable Seeds	Irrigated	1.2	12
Ujjain	2015-16	Kharif	Malnutrition	Malnutrition among women and children	Fortified Soy flour	Soybean	Fortified Soy flour	Irrigated	0	15

3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		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	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Ujjain	Marigold Pusa Narangi											Failed											
Ujjain	Nutritional Kitchen Garden											Failed											
Ujjain	Fortified Soy flour										Ht. 5.50 cm, wt. 6.93 kg												

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	1	53	
		Farmers Training	2	41	
		Media coverage	0	-	
		Training for extension functionaries	2	26	
Ujjain	Black Gram	Field days	1	24	

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
		Farmers Training	2	21	
		Media coverage	0	-	
		Training for extension functionaries	2	28	
Ujjain	Wheat	Field days	1	72	
		Farmers Training	2	39	
		Media coverage	0	-	
		Training for extension functionaries	2	37	
Ujjain	Gram	Field days	1	41	
		Farmers Training	1	18	
		Media coverage	0		
		Training for extension functionaries	1	17	
Ujjain	Mustard	Field days	1	63	
		Farmers Training	2	33	
		Media coverage	0	-	
		Training for extension functionaries	2	26	

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.
1	Ujjain	Maize	PAC-712	Pvt.	11	4.4

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	FIRB & BBF planting of soybean	FLD/OFT	✓ water conservation which helps in the higher productivity ✓ Helps in drainage at time of intensive rainfall.	Likely to be adopted in large scale.
	RVS 2001-4	FLD	✓ High yield potentiality with resistance to pod blight & drought	Likely to made available via public seed system
	RVSKG-102	FLD	✓ High yield potentiality in kabuli chickpea. ✓ It fetches good market price.	Likely to made available via public seed system
	Spinosad for thrips control	FLD	✓ 80% control the thrips	Likely to be adopted in large scale being a microbial pesticide

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of FLD on Technology Tested
Ujjain	Further Research should be carried out to justify the response of Boron & sulphur to control the frost damages in chickpea, Potato & other crops.
Ujjain	High yielding and early maturing soybean variety should be introduced in context of global climatic changes.
Ujjain	Further research should be carried out to introduce the technology of fast decomposition of wheat crop residue under moisture stress condition.
Ujjain	Further research should be carried out to reduce the duration of Soya Variety JS 97-52.

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
Ujjain	OFF/FW	PRA techniques	6-8.05.2015 Bichrod	74
Ujjain	OFF/FW	Prioritization of problem on the basis of Affected area , Affected families, Importance of Enterprise and Area of Distribution	17.12.15 Kalyanpura	32
Ujjain	OFF/FW	Folks Group Discussion	28.09.2015 Bihariya	15
Ujjain	ON/VOC	Social upliftment through Mushroom Production technique	18 to 22-01-2016	15

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	Cate-gory	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	ONC	AEG	Use of Rotavator for Crop Residue management in soil	1	1	5		2		4		3	
Ujjain	FW	ONC	WOE	Intervention of SHG women for income generation to green kumbh	1	1		2		3	-	-	3	9
Ujjain	FW	OFC	SFM	Importance of Soil testing maintain soil health	1	1	9	-	19	-	-	-	-	-
Ujjain	FW	OFC	OTH	Participatory Rural Appraisal	1	3	19	-	8	-	-	-	47	-
Ujjain	FW	ONC	PIS	Seed Society service Provider training	1	1	20	-	3	-	-	-	29	-
Ujjain	FW	OFC	AEG	Advantage of summer deep ploughing to Kharif Season Crop	1	1	9	-	11	-	-	-	-	-
Ujjain	FW	OFC	CRP	Improve tillage practices to enhance crop production	1	1	1	-	9	-	-	-	20	
Ujjain	FW	OFC	PIS	Hybrid Seed production of Maize	1	1	3	-	10	-	-	-	5	
Ujjain	FW	ONC	CRP	Integrated Crop Production techniques for Kharif crop	1	1	4	-	3	-	-	-	14	
Ujjain	FW	OFC	PIS	Hybrid Maize production technology	1	1	-	-	-	-	-	-	17	-
Ujjain	FW	OFC	PLP	Integrated weed management in Kharif Crop	1	1	15	-	2	-	-	-	6	-

Name of KVK	Cate-gory	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	ONC	CRP	Importance of INM in crop production	1	1	3	-	6	-	-	-	8	-
Ujjain	FW	OFC	PLP	Integrated Pest & Disease Management in Kharif Crop	1	1	1	-	13	-	-	-	7	-
Ujjain	FW	OFC	AEG	In-situ moisture conservation & water management in field crops	1	1	-	-	20	-	-	-	-	-
Ujjain	FW	OFC	LPM	Kharif fodder production techniques	1	1	15	-	-	-	-	-	-	-
Ujjain	FW	OFC	HOV and HOF	Protected cultivation of Vegetables and flower for higher production	1	1	-	-	8	-	1	-	22	-
Ujjain	FW	OFC	WOE	Importance of fortified soy flour for improving health & nutritional security of farm women	1	1	-	-	-	-	-	-	-	17
Ujjain	FW	OFC	PIS	Techniques of Hybrid seed production	1	1	-	-	-	-	-	-	20	
Ujjain	FW	OFC	AEG	Importance of Soil & water conservation	1	1	6	-	5	-	4	-	5	-
Ujjain	FW	OFC	OTH	Income generation through vegetable & spice production	1	1	6	-	-	-	-	-	12	-
Ujjain	FW	ONC	PLP	IPM in Kharif Crops	1	1	2	-	18	-	-	-	18	-
Ujjain	FW	ONC	AEG	Importance of micro irrigation system in Horticulture crops	1	1	4	-	1	-	-	-	16	-
Ujjain	FW	ONC	SFM	Importance of secondary micro nutrient in current agriculture	1	1	9	-	7	-	-	-	4	-
Ujjain	FW	OFC	OTH	Importance of SHG for self employment	1	1	-	-	10	-	-	-	5	

Name of KVK	Cate-gory	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	AEG	Safe irrigation method with micro irrigation system	1	1	13	1	3	-	-	-	2	-
Ujjain	FW	OFC	WOE	Household food security by kitchen garden	1	1	-	-	-	-	-	-	2	21
Ujjain	FW	OFC	PIS	Importance of quality seeds & timely arrangment for rabi crops	1	1	-	-	-	-	-	-	18	
Ujjain	FW	OFC	AEG	Post harvest technology	1	1	-	-	-	-	-	-	24	3
Ujjain	FW	OFC	CRP	Importance of agriculture, crop and variety diversification	1	1	-	-	-	-	-	-	19	
Ujjain	FW	ONC	CRP	Importance of crop production techniques for rabi crops	1	1	1	-	2	-	-	-	11	-
Ujjain	FW	OFC	SFM	Importance of micro nutrient in rabi crops	1	1	-	-	-	-	-	-	14	-
Ujjain	FW	OFC	CRP	Integrated production techniques of Wheat crop	1	1	7	-	-	-	-	-	-	-
Ujjain	FW	OFC	PLP	Integrated weed management in rabiCrop	1	1	-	-	29	-	-	-	9	-
Ujjain	FW	OFC	CBD	Leadership development among rural youth	1	1	7	-	-	-	-	-	5	
Ujjain	FW	ONC	PLP	IPM and disease mangement in rabi crops	1	1	16	-	-	-	-	-	-	-
Ujjain	FW	OFC	HOV and HOS	Production of potato, onion & garlic	1	1	-	-	4	-	-	-	13	-
Ujjain	FW	OFC	SFM	Importance of organic manuring to sustain soil fertility	1	1	8	-	4	-	-	-	10	
Ujjain	FW	OFC	CBD	Market let extension for rural entrepreneurship	1	1	32	-	-	-	-	-	-	-

Name of KVK	Cate-gory	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	PIS	Qualitative seed production	1	1	-	-	-	-	-	-	17	-
Ujjain	FW	OFC	HOV and HOS	Integrated insect, pest and disease management in vegetable crops	1	1	-	-	-	-	-	-	13	
Ujjain	FW	OFC	WOE	Nutritive health diet for children & women	1	1	-	-	-	-	-	-	2	17
Ujjain	FW	OFC	AEG	Role of Mechanization to increase crop production	1	1	1	-	7	-	-	-	11	-
Ujjain	FW	ONC	CBD	Entrepreneurship development among rural youth	1	1	6	-	-	-	-	-	8	
Ujjain	FW	OFC	WOE	Dreudgery reduction techniques in farm activity	1	1	-	2	-	4	-	-	-	13
Ujjain	FW	OFC	HOV	Technology of horticulture under crop diversification	1	1	-	-	-	-	-	-	17	-
Ujjain	FW	OFC	WOE	Gender mainstreaming through SHG for self reliance	1	1	-	3	-	2	-	-	-	19
Ujjain	FW	OFC	LPM	Round the year production of milch animal	1	1	9	-	2	-	-	-	4	-
Ujjain	FW	OFC	LPM	Care and maintenance of livestock for milk production	1	1	9	-	2	-	-	-	3	
Ujjain	FW	OFC	LPM	Feed and fodder productin techniques for milch animal	1	1	-	-	1	-	-	-	15	4
Ujjain	FW	OFC	HOV and HOS	Production techniques of vegetable & spice cultivation	1	1	-	-	3	-	-	-	19	-

Name of KVK	Cate-gory	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	RY	ONC	RYH	Importance of establishment & strengthening of farmers club	1	1	2	-	1	-	-	-	12	-
Ujjain	RY	ONC	RYH	Awarenesss of farmers for adoption climate resistent agricultural technology	1	1	4	-	4	-	-	-	7	-
Ujjain	RY	ONC	RYH	Production techniques of Hybrid maize to get extra income	1	1	2	-	2	-	-	-	11	-
Ujjain	RY	ONC	RYH	Women empowerment through handmade articles	1	1	-	1	-	8	-	-	-	27
Ujjain	RY	ONC	RYH	Importance of ICT for sustainable agriculture	1	1	2	-	2	-	6	-		
Ujjain	RY	ONC	RYH	Importance of biofertilizer to increase nutrient use efficiency	1	1	3	-	6	-	-	-	1	-
Ujjain	RY	ONC	RYH	Natural Resource Management	1	1	1	6	2	-	-	-	15	-
Ujjain	RY	ONC	RYH	Role of INM for hight production in rabi crops	1	1	-	-	-	-	-	-	37	-
Ujjain	RY	ONC	RYH	Agriculture based entrepreneurship for self dependency	1	1	11	-	-	-	-	-	4	
Ujjain	RY	ONC	RYH	Importance of cutting, pruning and trimming in orchard	1	1	5	-	6	-	-	-	3	-
Ujjain	RY	OFC	RYH	Round the year production of milch animal	1	1	9	-	2	-	-	-	4	
Ujjain	IS	ONC	EXP	Soil health cards & nutrient management in kharif crops	1	1	3	-	-	-	-	-	6	-

Name of KVK	Cate-gory	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	IS	ONC	EXP	Importance of agriculture, crop and variety diversification	1	1	4	-	1	-	-	-	12	
Ujjain	IS	ONC	EXP	Integrated insect, pest and disease management in kharif crops	1	1	6	-	2	-	1	-	10	
Ujjain	IS	ONC	EXP	IPM & IDM in kharif crop	1	1	5	-	2	-	-	-	4	
Ujjain	IS	ONC	EXP	Nutrient management in kharif crops	1	1	6	-	1	-	-	-	6	
Ujjain	IS	ONC	EXP	Organic vegetable cultivation and soil health card	1	1	12	-	4	-	5	-	12	
Ujjain	IS	ONC	EXP	Role of ICT in current agriculture	1	1	10		3				6	
Ujjain	IS	ONC	EXP	Integrated insect, pest & disease management in rabi crops	1	1	10		2		2		5	1
Ujjain	IS	ONC	EXP	Resource conservation techniques	1	1	10		2		1		4	
Ujjain	IS	ONC	EXP	Human Resource development for extension personnel	1	1	6		2			2		
Ujjain	IS	ONC	EXP	Women empowerment & Role of balance diet to control the mal nutrition in child and woman	1	1	-	16	-	5	-	4	-	6
Ujjain	IS	ONC	EXP	Importance of INM to boost up productivity & maintain soil health	1	1	4		3		1		8	

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 in fruit and vegetables		Income generation	5	3	-	5	-	-	-	8	-
Ujjain	Vermicompost		Organic Farming	5	5	-	3	-	1	-	5	
Ujjain	Rural youth livelihood security through mushroom production techniques		Income generation	5	4	-	2	-	-	-	10	-
Ujjain	Fruit & vegetable processing		Value Addition	5	-	4	-	2	-	-	1	8

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	Hybrid Seed production of Maize	Seed Society	1	7	5
Ujjain	Income generation through vegetable and spices	Self production	11	65	45
Ujjain	Agricultural based enterprises for self dependency.	Seed Production	2	10	17

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)	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		
Ujjain	Importance of INM, IWM and IPM in Kharif crop	PLP, SFM		FW	2	2	8		8		19	-	7		ATMA, Khargone	
Ujjain	Packages practices of Kharif crop	CRP		FW	2	2	2		3	-	0	-	75	-	ATMA, Khargone	
Ujjain	Scientist and NFL dealer enterprise	PLP		FW	1	1	23	-	-	-	-	-	-	-	NFL, Indore	

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)	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		
Ujjain	Importance of INM, IWM and IPM in Rabi crop	PLP, SFM		FW	2	2	18	-	26		3	0	2	0	FES NGO, Ujjain and IFFCO, Ujjain	

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)	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		
Ujjain	Kisan sammelon	CBD		FW	6	6	100	0	412	6	112	0	11	0	Department of Agriculture and District Administration	

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	
Ujjain	Nursery Management in Fruits and Vegetables	16	19	57	135	193	24500	35750	All the trainees belonged to Bichchrod 37 km from district headquarter. They were engaged in vegetable production but had very poor knowledge of nursery management. Pre-evaluation score was 19 and post was 57.

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	313	-	72	-	10	-	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	140	0	142	0	8	3	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	9	885	6	248	11	15	5	To boost up the production of farmers field	Improved seeds, Balanced fertilizers and pesticides etc.	Before sowing
Ujjain	Exhibition	2	4	319	0	5	6	1	1	To create interest and acquaintance about better standing among farmers	To create awareness about the different models of agriculture	
Ujjain	Film Show	10	15	76	23	40	12	6	3	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	24	1	3	0	2	0	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
Ujjain	Farmers Seminar	1	1	-	-	-	-	-	-	Models of integrated farming, seed display, rain water harvesting etc.	INM, IPM, Advanced method of Irrigation, Seed, etc.	
Ujjain	Workshop	1	4	-	-	-	-	-	-	Interaction of scientist and higher officials	Green Kumbh Workshop Action Plan Workshop Home science Workshop XXII Zonal Workshop	
Ujjain	Group meetings	2	2	-	-	-	-	-	-	To develop a favorable attitude about new method and commitment for action through group involvement	• Method of self reliance • Develop the agri-business. • Generate the income	

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	Lectures delivered as resource persons	20	6	-	-	-	-	-	-	Mass	New Agricultural Techniques to boost up crop production	
Ujjain	Newspaper coverage	20	55	-	-	-	-	-	-	Mass	Time to time need based agricultural technologies	
Ujjain	Radio talks	8	9	-	-	-	-	-	-	Mass	Time to time need based agricultural technologies	
Ujjain	TV talks	2	0	-	-	-	-	-	-	Mass	Time to time need based agricultural technologies	
Ujjain	Popular articles	5	3	-	-	-	-	-	-	Mass	• Organic farming • Production technologies • Seed Production • Improved Varieties	
Ujjain	Extension Literature	1	1	-	-	-	-	-	-	**Mass**	Current Issues of farming	
Ujjain	Farm advisory Services	80	81	15400	50	88	7	50	2	15597	Kisan Mobile Advisory-Sowing geometry IWM, INM, IPM IDM	Every Stage of Crop
Ujjain	Scientific visit to farmers field	20	20	44	-	9	-	5	-	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	556	1100	153	723	220	10	0	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	16	0	12	0	6	1	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	-	-	-	-	-	-	-			
Ujjain	Ex-trainees Sammelan	2	1	19	-	56	-	15	-	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	1	1	71	-	9	-	3	-	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	1	1	76	-	25	-	3	-	To aware the farmers	Feeding Management, Care and	-

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			
	Camp									about care and maintenance, feeding management and health problem of milch animal.	Maintenance, diagnose of disease and their treatment.	
Ujjain	Agri mobile clinic	-	-	-	-	-	-	-	-			
Ujjain	Soil test campaigns	-	1	19	-	9	-	-	-	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	-	-	-	-	-	-	-			
Ujjain	Mahila Mandals conveners meetings	1	-	-	-	-	-	-	-			
Ujjain	Celebration of important days (Parthenium Awareness day)	1	1	25	2	14	0	4	0	To Create awareness about adverse effect of Parthenium	Lecture on chemical control, mechanical control of parthenium, preparation of manure, live demonstration and rally.	
Ujjain	Technology Week	1	1	122	0	29	0	5	6	To aware the farmers about the latest technologies recommended from the research system for dissemination purpose	• Crop Production Technology • Integrated Farming System • Soil Health and Management • Crop diversification • Water Management	
Ujjain	World soil health day	0	1	620	0	165	0	15	6	To conscious the farming community about the soil health	Fertility Management. Balance fertilizer organic farming etc	

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	Oct-08	4	4000	4000

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Ujjain	Leaflets and Folders	1-How to produce Soybean Production (Poster)	PC, SMS and technical staff	1000 each
Ujjain	Leaflets and Folders	2- How to Produce Soybean Production	PC, SMS and technical staff	1000 each
Ujjain	Leaflets and Folders	3- Soya Ahar Poshtik Ahar	PC, SMS and technical staff	1000 each
Ujjain	Leaflets and Folders	4- Soybean main Yellow Vein Mosaic Control	PC, SMS and technical staff	1000 each
Ujjain	Leaflets and Folders	5- Sarson ka Vipul Utpadan	PC, SMS and technical staff	1000 each
Ujjain	Leaflets and Folders	6- Wheat Production Technology	PC, SMS and technical staff	1000 each
Ujjain	Leaflets and Folders	7- Gram Production Technology	PC, SMS and technical staff	1000 each
Ujjain	Leaflets and Folders	8-Mrida Swastha Patrak	Shri. Rakjendra Gawli and Dr. A.K.Dixit	1000 each
Ujjain	Leaflets and Folders	9-Pradhanmantri Fasal Beema Yojna	Shri. Hansraj Jatav, Dr. S.K.Kaushik and Dr. A.K.Dixit	1000 each
Ujjain	Leaflets and Folders	10-Mahila Sashaktikaran: Krishi Swarojgar se bane Atmnirbhar	Dr. Rekha Tiwair and Senior Scientist and Head , Kraishi Vigyan Kendra	1000 each
Ujjain	Booklet	1-Jowar, Makka, aur Soybean ke Beej Utpadan ki Unnat Takniki. PP- 01-34	PC, SMS and technical staff	1000 each
Ujjain	Booklet	2-Soybean ka Vipul Utpadan Kaise Karein	Dr. A.K.Dixit, Dr. S.K.Kaushik and Smt. Ghazala Khan	500

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Ujjain	**CD**	**Pulse Production**	**1**
Ujjain	**VCD**	**World Soil Health Day Celebration**	**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(Breeder)	Soybean	JS 93-05	16.35	65400	Provided to seed producing agencies as per the allocation given by GOI/GoMP/University	18
Ujjain	Oilseed(Breeder)	Soybean	JS 95-60	82.3	905300	--do--	85
Ujjain	Oilseed(Breeder)	Soybean	RVS 2001-4	78	858000	--do--	80
Ujjain	Pulse(Breeder)	Chickpea	RVG 202	43	516000	--do--	50
Ujjain	Pulse(Breeder)	Chickpea	JAKI 92-60	103	1236000	--do--	115
Ujjain	Pulse(Rajvijay)	Chickpea	Kripa	5	50000	12	5
Ujjain	Pulse(Rajvijay)	Chickpea	PKV-4	5	50000	12	5
Ujjain	Pulse(Rajvijay)	Chickpea	RVSKG-102	5	50000	12	5
Ujjain	Cereal(Rajvijay)	Wheat	DBW-110	5	15000	12	5

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	Vegetables	Brinjal	Nano	520	80	11	1
Ujjain	Vegetables	Brinjal	Utkarsh	416	624	11	1
Ujjain	Vegetables	Brinjal	CBH-1112	520	780	11	1
Ujjain	Vegetables	Brinjal	Pusa Shyamal	1248	1872	11	1
Ujjain	Vegetables	Tomato	Devika	520	780	12	1
Ujjain	Vegetables	Tomato	Saksham	1456	2184	12	1
Ujjain	Vegetables	Chili	Semins Carp	832	1248	11	1
Ujjain	Vegetables	Chili	Semins Carp	1040	1560	11	1
Ujjain	Vegetables	Pumpkin	Ankur	195	195	5	1
Ujjain	Vegetables	Spongeguard	Ankur, other	841	2103	8	1
Ujjain	Vegetables	Bottleguard	other	648	1620	6	1
Ujjain	Vegetables	Watermelon	other	490	735	3	1
Ujjain	Vegetables	Bitterguard	other	120	180	1	1

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.)
Ujjain	Bio Agents	-	-	-	-	-	-
Ujjain	Bio Agents	-	-	-	-	-	-
Ujjain	Bio Fertilizer	-	-	-	-	-	-
Ujjain	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
Ujjain	-	-	-	-	-	-

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	500	500	7	Nil	500

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/RY/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total
Ujjain	15.07.15	In situ moisture conservation & water conservation	Progressive farmers	1	20	0	20	20	0	20
Ujjain	02.08.15	Importance of soil and water conservation	Progressive farmers	1	20	0	20	9	0	9

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	2015-16	Kharif Production technologies	2	14	2		14
Ujjain	August	2015-16	Kharif Production technologies	1	14	1		14
Ujjain	January	2015-16	Mushroom production techniques	5	14	5		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	10-04-15	35	1. Increase fisheries training programme (department of fisheries). 2. JDE suggested to incorporate studies and interventions related to climate change in action plan of KVK. 3. Training programme should be conducted for SHG or seed society. (seed certification agency). 4. Create awareness regarding use of organic manure like: FYM, vermin compost and NADEP etc. (Dr. D.K. Vani, P.C. Khandwa). 5. Create awareness among the farmers regarding adoption of ridge and furrow techniques raised bed, broad bed furrow for better production (Farmer welfare Agriculture

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Ujjain	13-10-15	35	1 To promote the lentil and oil seed crops in situation of rainfed regions in malva area. (Department of Agriculture). 2 Motivate the farmers for Integrated farming system. (Dr. V.K. Swarnkar, Scientist Indore). 3 To promote the Pulses crops in situation of rainfed in malva area. (Dr. A. Krishna, Scientist Indore). 4To promote the dairy & motivate the farmers for Increase the carbon content in soil.(Dr. S.N. Upadhyay, Scientist Indore). 5 To promote the fenugreek crops in purpose of crop diversification.. (Sh. Aswini Singh Board Member JNKVV & Progressive Farmer). 6 To promote the Pusa Anmol variety of wheat in Ujjain District. (Sh. Yogendra Kaushik Progressive Farmer). DDE suggested to KVK achievement added to power point presentation.

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	81	15533	64	Farmer 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**	State	**0**	KVK- ATMA Interface	**Ujjain District**	**0**
Ujjain	**ATMA**	State	**0**	Farmer friends training	**Ujjain District**	**0**
Ujjain	**ATMA**	State	**0**	KVK- ATMA Interface	**Ujjain District**	**0**
Ujjain	**ATMA**	State	**0**	Krishi kranti rath	**Ujjain District**	**0**
Ujjain	**Farmer welfare & Ag. Devlopment**	State	**0**	Kisan saba	**Ujjain District**	**0**

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Ujjain	Mukhyamantri Khet Treeth Yojana	State	400000	Demonstration	KVK Farm	
Ujjain	Potash Project	IPI	470000	Demonstration	Ujjain District	
Ujjain	AICRP on Chickpea	Central	10000	Demonstration	KVK Farm	
Ujjain	Mechanization	State	0	Training	Ujjain District	
Ujjain	IFFCO	Central	0	Sangoshti	Ujjain District	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Ujjain	145021000113	333060	414406	414406

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Ujjain	Dr. A.K.Dixit	Individual	ICAR, New Delhi	Nil
Ujjain	Dr. A.K.Dixit and KVK Team	Institutional	ICAR, New Delhi	Nil
Ujjain	Dr. A.K.Dixit and KVK Team	Institutional	ATARI, Jabalpur	Nil
Ujjain	KVK Team	Institutional	RVSKVV, Gwalior	Nil
Ujjain	Sh. Yogendra Kaushik	Farmer	IARI, New Delhi	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.)
Ujjain	Yes	DES	Ujjain

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

Name of KVK	Name of Component of Park	Detail Information (If established)
		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
Ujjain	Unit displayed for popularizing the crop as well as varietal diversification with recent technologies developed by various research Institutes to boost-up the farm produce	02(Kharif-01; 54 varieties & Rabi-01; 75 varieties)

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	Sh. Shailaendra Singh Solanki	Boat-modified	Barkhedi: 9754797447
2	Ujjain	Sh. Ashwini Singh	Threshing machine for maize	Pipliyahama: 9977448851
3	Ujjain	Sh. Nihaal singh Anjana	High yield of wheat	Cintaman Jawasia:9826677680
4	Ujjain	Sh. Farukh Patel	Pigeonpea-Soybean Intercropping(Highest yield)	Kachnariya: 9977128849

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	17/04/15	80
Ujjain	07-07-15	21
Ujjain	25/08/15	21
Ujjain	23/11/15	93
Ujjain	01-05-16	15
Ujjain	01-01-16	75

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	Knoweldge 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. Anupam Mishra, Director, ATARI, Jabalpur	27-04-15	Yes			
Ujjain	Dr. S.K. Shrivatawa, DES,RVSKVV, Gwalior	27-04-15		Yes		
Ujjain	Sh. Ravindra Pastore, Commissioner Ujjain Division	29-04-15			Yes	Green Kumbh
Ujjain	**Sh Pramod Kumar Singh** Chairman Uttrakhand Co operative Marketing Fed. Director IFFCO visited KVK on 11.03.2015.	11-03-15			Yes	
Ujjain	**Prof. A.K .Singh**, Hon' ble VC, RVSKVV, Gwalior	27-04-2015 28-04-2015		Yes		Action Plan Workshop
Ujjain	**Dr. P.N. Mathur** Regional Director Bio diversity International Pusa Campus, New Delhi	28-04-15				
Ujjain	**Dr. A.K.Singh, DDG(Extn.), ICAR, New Delhi**	**09-09-15**	**Yes**			During XXII Zonal KVK Workshop
Ujjain	**Prof. A.K. Singh**, Hon'ble VC, RVSKVV, Gwalior	**09-09-15**		**Yes**		During XXII Zonal KVK Workshop
Ujjain	**Dr. Anupam Mishra**, Director, ATARI, Jabalpur	**09-09-15**	**Yes**			During XXII Zonal KVK Workshop

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Ujjain	Dr. S.K. Shrivatava, DES,RVSKVV, Gwalior	**09-09-15**				During XXII Zonal KVK Workshop
Ujjain	Sh. Ravindra Pastore, Commissioner Ujjain Division	**10-09-15**			**Yes**	During XXII Zonal KVK Workshop
Ujjain	**Dr. Jitendra Chouhan,** Scientist, Advisor, Union Minister of Agriculture, GOI	**05-10-15**			**Yes**	
Ujjain	Dr. A.K.Tiwari, Director, Directorate of Pulses Development, GOI	19-12-15			Yes	Pulses demonstration are excellent

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
Ujjain	**08-05-11**	**280**	**4808**	**Ujjain**

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
Ujjain	**2**	**-**	**-**	**Ujjain**

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	Dr. D.S.Tomar	Scientist	1	2 days trining programme attended at JNKVV Jablpur organised by ATARI and Sponsered by Natyional Institute of Integrated Pest Management, New Delhi from 16-17 April 2015 vide DES Order no. 45. 09.04.2015.
Ujjain	Dr. D.S.Tomar	Scientist	1	Attended review cum acton plan workshop on Soybean at DSR, Indore. May 2015
Ujjain	Dr.Rekha Tiwari	Scientist	1	Home Science Workshop. 25-27, June 2015. At KVK Ujjain .
Ujjain	Dr. Rekha Tiwari	Scientist	1	Workshop cum training. 25-26 February 2016. At KVK Satna (Chitrakoot)
Ujjain	Shri Rajendra Gawali	PA (Soil Science)	1	Soil and Fertility Management .20-21, April 2015. Vide letter noo. 30.07.2015.

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Ujjain	**3**	**5**

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Ujjain	Dr. D.S.Tomar	Scientist	1	Attened three days training programme at COA, Khandwa wef 27-29 February 2016 on 'Improving quality of agriproducts through organic farming for economic sustainaility' vide DES order no. 2091 dt. 12.02.2016.
Ujjain	Shri. H.R.Jatav	Scientist	1	Role of Market Inteligence in Economic Sustainability of farming system. Date 18-19, November 2015.
Ujjain	Shri. Rajendra Gawali	PA (Soil Science)	1	Training Programme Importance of health card for Soil health mgt. during 27-28, January 2016 at ICAR ,IISS, Bhopal. Vide. Letter No. 1830, Dated 07.01.2016.
Ujjain	Smt. Rucita Kanujiya	Horticulture Assistant at RARS, Ujjain	1	Protected Cultivation for High Value Horticulture Crops. Date 29-30,December 2015.

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

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
-	-	-	-	-

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

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	Hailstorm	Inform through Kisan Mobile Advisory, display on kvk website as well as local news news paper	DDA, ATMA, Website
Ujjain	Heavy Rain	Inform through telephone to local news news paper	DES, 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.	1	162	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 sustainablity 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
Ujjain	Soybean JS 20-34	1	5

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**
-	-	-	-	

Verms Produced

Name of KVK	**Verms 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**
Ujjain	Soybean JS 95-60 on Ridge and Furrow system	200000	5000

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**
Ujjain	-	-	6	652	-	-	-	-	-	-	2	42

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. N/A

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	02	-

Success Story-1

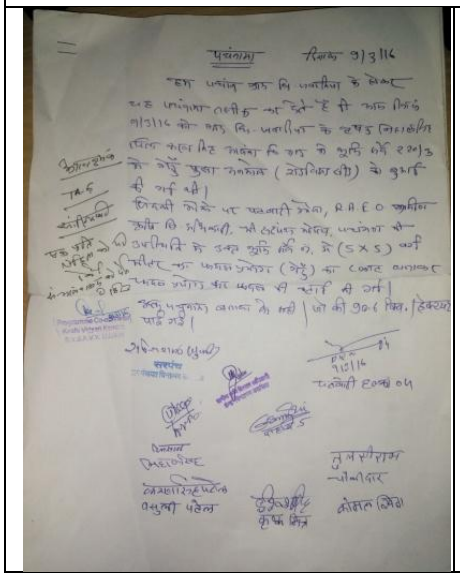
Theme: **Wheat Production Technology**

Title: **Success Story- Higher Production of wheat through adoption of new variety Pusa Anmol by KVK**

Sh. Nihal Singh Anjana, Village Chintaman Jawasiya, Block- Ujjain, District Ujjain(M.P.), M - 9826677680

PROFILE			Particular
Age	**:**	**49 Years (11/4/1967)**	**Introduction: Sh. Nihal Singh Anjana** is a farmer who is in associated with KVK since 2009. He is availing the facility of **trainings, Scientists farmers interaction, Ex-trainee Meeting of progressive farmers** of **KVK-(RVSKVV)Ujjain** since then. Prior to this, he was farming in traditional ways with variety Lok-1 but he changed the traditional method of farming to scientific method after get connected to the centre. Previously, he was applying high seed rate of wheat about 170 Kg/ha and kept the distance of row to row 14 cm without using the integrated nutrient management and proper irrigation methodology. **Interventions:** After knowing that the good potential wheat variety (Pusa Anmol) and by taking the full technology of wheat production through KVK-Ujjain, he use 100 Kg/ha seed rate, Integrated Nutrient Management(RDF N:P:K:Zn;120:60:40:5) with FYM 10Ton per hectare, time-to-time irrigation and weed management. Apart from recommended doses, he applied full quantity of P, K, Zn alongwith half dose of Nitrogen at time of sowing and the rest nitrogen applied into two split doses at first irrigation and 2nd was 40-50 (at the time of ear emergence) and the distance between two rows must be maintained about 22.5 cm, After technological guidance from KVK, he become successful to receive the farm produce of 90.60 qtl/ha over the 45 qtl/ha which is approximately doubled the produce that got previously. He also added that he replaced the traditional wheat LOK-1 variety owing to loose smut and Karnal bunt diseases and grown latest variety Pusa Anmol resistant to karnal bunt & loose smut which gives good economic return. He pleased to share his experience to other farmers also. He concluded that technologies either displayed or spreaded by the KVK resulted good yield potentiality of the crop.
Education	**:**	**Middle(8th)**	
Land Holding	**:**	**11 ha (Total including Fathers holding)**	
Farming Experience	**:**	**35 Years**	
Cropping Pattern	**:**	**Soybean-Wheat**	
Livestock			
Buffaloes	**:**	**08**	
Cow	**:**	**04**	
Bull	**:**	**02**	
Social Recognition	**:**	**Awarded by Distt Collector-Ujjain for Best Farmer Award for 2010-11**	

	Output: He received the 90.60 qtl productivity through applying the technologies of wheat cultivation. **Outcome:** By the adoption of new technologies and management of crop with recent variety has changed his economic condition. He received Rs. **125000/-** profit only from wheat crop. **Impact:** At standing time of crop, a huge number of farmers visited the wheat field and demanded the seed for next rabi season so that they could be harvested more over their traditional one.



Success Story-2

Theme: **Inter cropping of soybean+ Pigeon pea (4:2) Production Technology**

Title: **Success Story- Higher Production of pigeon pea through adoption of inter cropping (Soybean + pigeon pea) by KVK**

Sh. Farooq Patel, Village Kachanariya Jhala, Block- Ujjain, District Ujjain (M.P.), M - 9977128849

PROFILE			Particular
Age	**:**	**39 Years (21/09/1976)**	**Introduction: Sh. Farooq Patel** is a young farmer who is associated with KVK since 2014. He is availing the facility of **trainings, Scientists farmers interaction, Ex-trainee Meeting of progressive farmers** of **KVK-(RVSKVV) Ujjain** since then. Prior to this, he was farming in traditional ways by taking soybean as sole crop. But he was not able to receive good economic return. He got the knowledge of intercropping from KVK scientist and then he sown the soybean crop with pigeon pea in 4:2. He follows full production technology i.e. seed rate, sowing method, INM, IPM etc.
Education	**:**	**Middle(8^{th})**	
Land Holding	**:**	**11 ha (Total including Fathers holding)**	
Farming Experience	**:**	**24 Years**	
Cropping Pattern	**:**	**Soybean, Pigeonpea, maize-Wheat**	**Interventions:**
Livestock			**Seed rate** : Soybean JS 95-60 @ 80Kg/ha, Pigeonpea ICPL 87119 (Asha) @20Kg/ha
Buffaloes	**:**	**02**	**Distance :** Pigeon pea -Row to Row 60 cm and plant to plant 15 cm, Soybean-Row to Row 45 cm
Cow	**:**	**02**	**Recommended fertilizer dose**: N:P:K:S (20:60:20:20)
Social Recognition	**:**	**Yes**	Farmer sown the soybean and pigeonpea crop in 4:2 ratio during kharif 2015 by adopting the seed treatment with thioram + carbendiazim, appropriate spacing and follow the time to time plant protection measures. He got the soybean 12.5 qtl/ha and pigeonpea 20 qtl/ha production.
			Output: He received the 20 qtl pigeon pea and 12.5 qtl soybean productivity through applying the technologies of inter cropping system.
			Outcome: By the adoption of new technologies and management of crop with recent variety has changed his economic condition. He received Rs. **187500/-** profit only from pigeon pea crop and **43750/-**profit from soybean crops. Net profit of Rs. **231250/-** for Intercropping system.
			Impact: At standing time of crop, a huge number of farmers visited the pigeon pea field and demanded the seed for next Kharif season so that they could be harvested more over their traditional one. Director, Directorate of Pulses also visited his field

Intercropping between Soybean and Pigeonpea(4:2)

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) –

OFT on Soybean Variety JS 20-34

OFT on Variety JS 20-34 (Insat: No. of Pods/plant)

OFT on Soybean(Use of Bio-fertilizer)

OFT on Garlic(INM)

OFT on Soybean(Sowing Method: Raised Bed Planting)

OFT on Wheat(Use of Weedicide)

FLD on Soybean (Impact of deep ploughing)

A View of FLD on Soybean

FLD on Soybean Variety RVS 2001-04

A Full View of FLD on Soybean variety RVS 2001-04

FLD on Soybean(Impact of Deep Ploughing)

FLD on Soybean (Impact of Sulphur + Boron)

FLD on Chickpea JG -130 visited by Dr. A.K.Tiwari, Director, Pulses, GOI

FLD on Chickpea(Seed treatment with Molybdenum 1gm/Kg of seed)

FLD on Chickpea JAKI-9218(Full Package)

FLD on Chickpea variety Kripa

Full View of FLD on Mustard Variety RVM-2(Full Package)

FLD on Mustard Variety RVM-2(Full Package)

FLD on Maize Variety PAC-712

FLD on Nutritional Kitchen Garden(Seasonal Vegetables)

FLD on Potato INM(NPK+FYM 180:80:100:25-30)

FLD on Potato (INM)

FLD on Blackgram PU-31 (Full Package)

FLD on Garlic (Thrips control with Spinosad @ 100 gm/ha)

FLD on Wheat Variety GW-110

FLD on Wheat Variety Pusa Anmol

Vocational training programme on Mushroom

Vocational training on Mushroom Cultivation

A View of In-service training of extension personnels

A View of In-service training of extension personnels

A View of In-service training of extension personnels

A View of In-service training of extension personnels

A View of Off-campus training programme

A View of Off-campus training programme

A View of Off-campus training programme

A View of Off-campus training programme

A View of Off-campus training programme

A View of On-campus training programme

A View of On-campus training programme

A View of Vocational training Programme

Vocational training programme on Mushroom

A View of Vocational training practical

Certificate distribution by Sh. K.Kiyavat(IAS),Collector, Ujjain to the Vocational training participants

Vocational training programme for farm women

Vocational training programme on Fruit & Vegetable Processing

Vocational training on Fruit and Vegetable Processing

Vocational training programme for farm women

Vocational training on Nursery Management

Animal Health Camp at Banskhedi

Dr. A.K.Tiwari, Director, Pulses, GOI visited farmer's field

Diagnostic visit of scientists to farmer's field

Diagnostic Visit of Scientist to farmers field

A view of Field Day on Blackgram

Field Day on Blackgram at Dhablagauri

Field Day on Soybean at Village Kankariya Chand

Visit of FLD Plot during Field Day(Soybean)

Field Day on Maize at Village Salakhedi

Field Day on Mustard at Village Bihariya

A View of Field Day on Mustard

Field Day on Maize Celebrated at Salakhedi

Field Day on Chickpea at Village Bichhrod

Field Day on Wheat Celebrated at Barotikheda

Dr. A.K.Dixit, Sr.Scientist addressing during Home Science Workshop

Dr. Anupam Mishra, Director, ATARI addressing during Home Science Workshop

Dr. Anupam Mishra, Director, ATARI Visited KVK Ujjain exhibition

Commissioner, Ujjain Div. Dr. Ravindra Pastore, IAS visiting the KVK stall

Interface of ATMA, Farmers and KVK on 2-1-2016

Interface of ATMA, Farmers and KVK on 29-7-2015

Prof. Chintamani Malviya, Hon'ble MP(Loksabha) at Pre-Kharif Sammelan

Prof. Chintamani Malviya, Hon'ble MP(Loksabha) addressing Farmers of Ujjain

Sh. Kavindra Kiyavat (IAS), Collector, Ujjain addressing Farmers of Ujjain during Pre-Kharif Sammelan

Gathering of Farmers during pre-kharif sammelan

Sh. Kavindra Kiyawat, IAS(Collector, Ujjain) addressing Farmers

Farmers gathering during Pre-Rabi Kisan Sammelan 5-2-2016

View of KVK exhibition during Kisan Sammelan

Pre-rabi Kisan Sammelan on 5-2-2016

Farmers interaction during exhibition at DSR, Indore

Receiving certificate of exhibition at DSR, Indore

Kisan Sangoshti on 23-11-2015 at KVK, Ujjain

A View of Ex-trainees Meet organized on 01-01-2016

Kisan Sangoshti on 23-11-2015 at KVK, Ujjain

Huge gathering of farmers in Kisan Sammelan

KVK, Ujjain exhibition visited by farmers during Kisan Sammelan 22-3-2016

A View of PRA conducted during RAWE programme

Activities of Cleanliness under “Swachh Bharat Abhiyan”

Parthenium eradicated by RAWE and KVK staff under “Swachh Bharat Abhiyan”

Awareness Rally of School Students on Parthenium organized at village level

A View of Parthenium Eradication Awareness Day

Input distribution to farmers at KVK Ujjain

A View of SAC meeting at KVK Ujjain on 10-4-2015

A View of SAC Meeting at KVK Ujjain on 13-10-2015

Presentation of Six Month report at SAC Meeting on 13-10-2015

Soil Health Campaign for soil health awareness on 16-04-2015

Soil sampling procedure demonstration during Soil Health Campaign

Soil Health Awareness Campaign on 17-04-2015

View of Technology Week Celebration

View of Technology Week Celebration

Video conferencing of Collector with Block level officers and KVK staff

A View of Farmers Visit to KVK under ATMA

Dr. A.N.Sharma, DSR, Indore addressing farmers during exposure visit of farmers

Hon'ble VC, RVSKVV, JNKVV, and Sh. Paras Jain, Hob'ble Minister visitng during XXII Zonal Workshop

Hon'ble DDG(Agril.Extn), ICAR addressing during XXII Zonal KVK Workshop at Ujjain

Hon'ble VC, RVSKVV addressing during XXII Zonal KVK Workshop at Ujjain

Dr. R.Pastore, Commissioner, Ujjain Div. addressing during zonal workshop

Inauguration of Video conferencing by Dr. A.K.Singh,DDG(Agril.Extn.), ICAR at KVK Ujjain

KVK Ujjain team receiving certificate during XXII Zonal KVK Workshop at Ujjain

A View of Annual Action Plan Workshop at KVK Ujjain

Momento receiving by Hob'ble VC from Director ATARI

Dr. A.K.Dixit attending the Kisan Sangoshti of Agril. Deptt.

Dr. A.K.Dixit attending the Maha Sammelan of Progressive farmers

Dr. A.K.Dixit attending the Krishi Mahotsav Krishak Sangoshti

Dr. Dixit addressing during Krishi Darshan Sangoshti

Dr. Imas Patricia addressing the farmers during World Soil Health Day

Dr. A.K.Dixit addressing farmers World Soil Health day Celebration

Dr. Mohan Yadav, MLA addressing during World Soil Health day Celebration

Distribution of Soil Health card by Dr. Mohan Yadav, MLA on World Soil Health day Celebration

Dr. V. D. Sharma, Vice-President, Nehru Yuva Kendra, Sports & Youth Ministry, GOI, addressing on 22-03-2016

Smt. Archana Chitnis, MLA addressing on 22-03-2016 at Ujjain

Smt. Archana Chitnis, MLA during Mahakal Abhishek on 22-03-2016 at Ujjain

Dr. Anupam Mishra, Smt. Archana Chitnis, Dr. Billore during Mahakal Abhishek

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.