

# ANNUAL PROGRESS REPORT

## 2013-14



**KRISHI VIGYAN KENDRA - UJJAIN**  
**RAJMATA VIJAYARAJE SCINDIA KRISHI VISHWA VIDYALAYA**

# ANNUAL PROGRESS REPORT

April 2013 to March 2014



**KRISHI VIGYAN KENDRA UJJAIN (M.P.)**

**Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya**

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## REPORTING PERIOD – April 2013 to March 2014

### Summary of KVK Annual Report (Quantifiable Achievement) for the year 2013-14

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
<b>1</b>	<b>On Farm Testing</b>			
	Proposed OFT	14		77
	On Going OFT	-		-
	Technologies assessed (Completed OFT)	13		65
	Technologies refined	-		-
	On farm trials conducted	13		65
<b>2</b>	<b>Frontline demonstrations</b>			
	Proposed Frontline demonstrations	26		5346
	On Going Frontline demonstrations	01		5055
	FLDs conducted on crops	21		-
	Area under crops (ha.)	89.6		252
	FLD on farm implement and tools	-		-
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	-		-
	FLD on Fisheries - Finger lings	-		-
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	-		-
	FLD on Women in Agriculture - ( Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	4		51
<b>3</b>	<b>Training programmes</b>	<b>No. of Course</b>	<b>Duration (days)</b>	<b>Participants</b>
	Farmers	52	52	1413
	Farm women	10	10	198
	Rural youth	14	14	338
	Extension personnel/ In service	08	08	124
	Vocational trainings	07	57	168
	Sponsored Training	12	63	329
	<b>Total</b>	103	204	2570
		<b>No. of programmes</b>	<b>Participants</b>	
<b>4</b>	<b>Extension Programmes</b>	663	17072	
<b>5</b>	<b>Production of technology inputs etc</b>	<b>Qty</b>	<b>Beneficiaries (nos.)</b>	
	Seed (qt.)	411.07	46	
	Planting material produced (nos.)	35000	55	
<b>6</b>	<b>Livestock</b>	<b>Qty</b>	<b>Beneficiaries (nos.)</b>	
	Livestock strains ( Nos)	-	-	
	Milk Yield - Cow, Buffelo etc. (in liter)	-	-	
	Fish (Kg.)	-	-	
	Fingerlings (nos.)	-	-	
	Poultry-Eggs (nos.)	-	-	
	Ducks (nos.)	-	-	
	Chicks etc. (nos.)	-	-	

7	<b>Bio Products</b>		<b>Qty</b>	<b>Beneficiaries (nos.)</b>
		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	<b>Any other significant achievement in the Zone</b>		<b>Nos.</b>	<b>Participants/ beneficiaries</b>
		Award (Best KVK award and scientist and farmer's award)	-	-
		Publications ( Res. Paper/ pop. Art./Bulletin,etc.)	8	1500
		KVK News letter	4	4000
		SAC Meetings conducted	2	62
		Soil sample tested	500	500
		Water sample tested	-	-
		RWH System (Special training and field visit on RWH structure and MIS in KVKs)	1	27
		KVK-KMA (Message and beneficiaries)	87	5055
		Convergence programmes	09	Mass
		Sponsored programmes	02	Mass
		KVK Progressive Farmers interaction	04	307
		No. of Technology Week Celebrations	01	388
		Attended HRD activities organized by ZPD	05	06
		Attended HRD activities organized by DES	05	06
		Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc. )	07	07
9	Current status of Revolving Funds ( Amt. in Rs.)			264805=00
10	Outreach of KVK in the District		<b>No. of blocks</b>	<b>No. of villages</b>
			06	709
11	No. of important visitors to KVK (nos.)		<b>ICAR</b>	<b>SAU</b>   <b>Others</b>
			11	07   01
12	Status of KVK Website		<b>Working (Yes/No)</b>	<b>No. of Update</b>
			Yes	200
13	Status of RTI (nos.)		<b>Application received</b>	<b>Application disposed</b>
			02	02
14	Citizen Charter (nos.)		<b>Query received</b>	<b>Query dissolved</b>
			-	-
15	E-connectivity		<b>Working (Yes/No)</b>	<b>No. of programme viewed</b>
			No	03
16	Staff Position		<b>Filled</b>	<b>Vacant</b>
			11	05
17	Workshop/ Seminar/ Conference attended by staff of KVK ( nos)		12	
18	Publication received from ICAR /other organization (nos.)		16	
19	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)		<b>Particulars</b>	<b>Organization</b>
			02	SAU & Website

# GENERAL INFORMATION

## 1.1. Staff Position (as on date)

### Summary of Staff position in KVKs on March, 2014

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	01	01	06	03	03	03	06	04	16	11

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
Ujjain	Programme Coordinator	Dr. A.K. Dixit	Soil Science	Ph.D.	Soil Chem. & Fertility	37400-67000 + 9000	52250	14.09.06	Perm.	Others
Ujjain	Subject Matter Specialist1	Dr. S.K. Kaushik	Pl. Br. & Genet.	Ph.D.	Pl. Br. & Genet.	15600-39100 + 6000	28920	08.03.07	Perm.	Others
Ujjain	Subject Matter Specialist2	Dr. D.S.Tomar	Agronomy	Ph.D.	Agronomy	15600-39100 + 6000	28920	28.03.07	Perm.	Others
Ujjain	Subject Matter Specialist3	Dr.(Smt)Rekha Tiwari	Home Science	Ph.D.	Home Science	15600-39100 + 6000	28920	14.05.07	Perm.	Others
Ujjain	Subject Matter Specialist4	Vacant	-	-	-	-	-	-	-	-
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	14430	28.02.11	Perm.	ST
Ujjain	Farm Manager	Er. L.K. Jain	Agril. Engg.	B.Tech.	Agril. Engg.	15600-39100 + 5400	27060	16.05.05	Perm.	Others
Ujjain	Computer Programmer	Smt. Ghazala Khan	Computer Science	M.Sc.(Chem) & (CS)	Computer Science	9300-34800 + 4200	16660	01.04.08	Perm.	Others
Ujjain	Accountant / superintendent	Vacant	-	-	-	-	-	-	-	-
Ujjain	Stenographer	Vacant	-	-	-	-	-	-	-	-
Ujjain	Driver	Sh..Chandan Singh	-	-	-	5200-20200 + 2800	14990	10.8.04	Perm.	OBC
Ujjain	Driver	Rajesh Verma	-	-	-	5200-20200 + 1900	8810	11.07.08	Perm.	Gen
Ujjain	Supporting staff	Sh.Narayan Verma	-	-	-	5200-20200 + 1800	10760	08.07.05	Perm.	SC
Ujjain	Supporting staff	Sh.Kaniram Solanki	-	-	-	5200-20200 + 1800	10760	5-7-2012	Perm.	SC

## 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	06	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 (KM)	Population	Number of farmers (having land in the village)
Ujjain	Dabla Fanta	2012	Ghatiya	18	500	85
Ujjain	Jhonkra	2012	Ghatiya	24	350	60
Ujjain	Bajrang garh	2012	Ghatiya	32	400	68
Ujjain	Kankariya Chand	2012	Tarana	36	600	102
Ujjain	Borekhedi Bhalla	2013	Ghatiya	27	650	110
Ujjain	Bihariya	2013	Ghatiya	23	1500	255
Ujjain	Motipura	2013	Ghatiya	21	400	68
Ujjain	Talod	2013	Ujjain	19	2000	340
Ujjain	Tankariya	2013	Ujjain	24	1500	255
Ujjain	Nalwa	2013	Ujjain	18	800	136
Ujjain	Lekora	2013	Ujjain	22	4000	680
Ujjain	Deorakhedi	2013	Ujjain	24	600	102
Ujjain	Pir Jhalar	2013	Barnagar	58	2000	340
Ujjain	Pithora	2013	Barnagar	52	700	119
Ujjain	Bangred	2013	Barnagar	55	1200	204
Ujjain	Gudawad	2013	Barnagar	61	1000	170
Ujjain	Beesalkhedi	2013	Barnagar	58	800	136
Ujjain	Birgoda	2013	Barnagar	55	810	138
Ujjain	Jalodiya	2013	Barnagar	52	2000	340
Ujjain	Fatehpur	2013	Barnagar	57	1200	204
Ujjain	Dotru	2013	Barnagar	63	900	153

#### 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 Integrated Nutrient Management (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 Chickpea.
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.

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Ujjain	Unavailability of Quality seeds of Soybean & Chickpea.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Indiscriminate use of insecticide in soybean & Chickpea.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Imbalance use of fertilizer in soybean, Chickpea & wheat.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Heavy infestation of weeds in soybean.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Lack of seed treatment in crops.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Prolonged use of self produced seed in major crops.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Problem of termite attack in wheat.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Use of wilt susceptible exotic Kabuli strain.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain



<b>KVK Name</b>	<b>Problem identified</b>	<b>Methods of problem identification</b>	<b>Location Name of Village &amp; Block</b>
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 water resources and 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

## 2. On Farm Testing

### 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 <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	
Ujjain	2013	Kharif	Depleting yield & Soil Fertility due to Burning the residue of previous crop(Wheat)	Assessment of crop residue incorporation on yield of soybean.	Assessment	Natural Resource Management	Soybean	RainFed	05	9.98	12.53	21703	29948	Fit for large scale expansion.
Ujjain	2013	Kharif	Low Production during continuous rainfall season	Assessment of effect on yield of soybean variety RVS 2001-4.	Assessment	Varietal Evaluation	Soybean	RainFed	05	1.00	8.25	25600	48275	Suitable for large scale adoption.
Ujjain	2013	Kharif	Low yield due to moisture stress and poor crop establishment at crucial stage of crop.	Assessment of planting with Broad bed & Furrow planter in soybean.	Assessment	Resource conservation Technology	Soybean	RainFed	05	2.96	7.88	33344	50832	Highly suited and needs further expansion in the distt.
Ujjain	2013	Kharif	Low remuneration in soybean (Monocropping)	Assessment of effect on yield of Clusterbean variety RGC-1066.	Assessment	Varietal Evaluation	Clusterbean	RainFed	05	9.88	5.28	21813	22105	Needs 01 testing more for conformity due to continuous rainfall.
Ujjain	2013-14	Kharif	High seedling mortality and poor vigour	Assessment of PRO TRAY	Assessment	Nursery Management	Tomato	Irrigated	5	5.75	4.96	136640	327804	Best fit for further expansion.
Ujjain	2013-14	Rabi	Low yield due to traditional variety	Assessment of wheat variety Pusa mangal for high yield.	Assessment	Varietal Evaluation	Wheat	Irrigated	05	5.75	72.50	68565	91090	Performed well and needs further large scale expansion.
Ujjain	2013-14	Rabi	Low yield due to traditional kabuli variety	Assessment of kabuli variety RVSKG-102 for high yield.	Assessment	Varietal Evaluation	Chickpea	Irrigated	05	0.14	9.81	30639	67126	Fit for taken under 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 <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	
Ujjain	2013-14	Rabi	Low yield due to traditional local variety	Assessment of Fenugreek variety RMt-305 for high yield.	Assessment	Varietal Evaluation	Fenugreek	Irrigated	05	0.50	8.00	33980	49750	Suitable for large scale demonstrations.
Ujjain	2013-14	Rabi	Low yield of Local Variety due to frost	Assessment of Boron+sulphur for reducing the frost damage in chickpea.	Assessment	Integrated Nutrient Management	Chickpea	Irrigated	05	0.6	5.02	26740	43900	Performed well and needs further large scale expansion.
Ujjain	2013-15	-	Low yield due to steady bearing of plants	Assessment of balanced nutrition in Papaya.	Assessment	Integrated Nutrient Management	Papaya	Irrigated	05	893	785	815750	1747900	Performed well and needs further large scale expansion.
Ujjain	2013-14	Rabi	Poor fruiting and small sizes of fruit	Assessment of balanced nutrition in Orange.	Assessment	Integrated Nutrient Management	Orange	Irrigated /RF	05	89	335	311200	638600	Performed well but needs one trial.

## 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 <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any(T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP(T <sub>2</sub> )	Refined Practice, if any(T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any(T <sub>3</sub> )
Ujjain	Assessment of crop residue incorporation on yield of soybean.	Yield (q/ha)	9.98	12.53	17200	18900	-	38903	48848	-	21703	29948	-	2.26	2.58	
Ujjain	Assessment of effect on yield of soybean variety RVS 2001-4	Yield (q/ha)	11.00	18.25	17300	22900	-	42900	71175	-	25600	48275	-	2.48	3.10	
Ujjain	Assessment of planting with Broad bed & Furrow planter in soybean.	Yield (q/ha)	12.96	17.88	17200	18900	-	50544	69732	-	33344	50832	-	2.94	3.69	
Ujjain	Assessment of effect on yield of Cluster bean variety RGC-1066.	Yield (q/ha)	9.88	5.28	16700	4270	-	38513	26375	-	21813	22105	-	2.28	6.22	

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 <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any(T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	FP (T <sub>1</sub> )	RP(T <sub>2</sub> )	Refined Practice, if any(T <sub>3</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any(T <sub>3</sub> )
Ujjain	Assessment of PRO TRAY	Yield / ha	375	496	63228	94139	-	199868	421943	-	136640	327804	-	3.16	4.48	-
Ujjain	Assessment of wheat variety Pusa mangal for high yield.	Yield (q/ha)	55.75	72.50	15060	17660	-	83625	108750	-	68565	91090	-	5.59	6.18	
Ujjain	Assessment of kabuli variety RVSKG-102 for high yield.	Yield (q/ha)	10.14	19.81	15000	22000	-	45639	89126	-	30639	67126	-	3.05	4.05	
Ujjain	Assessment of Fenugreek variety RMT-305 for high yield.	Yield (q/ha)	10.50	18.00	8020	9650	-	42000	59400	-	33980	49750	-	5.22	6.15	
Ujjain	Assessment of Boron+sulphur for reducing the frost damage in chickpea.	Yield (q/ha)	10.6	15.02	15660	16200	-	42400	60100	-	26740	43900	-	2.70	3.72	
Ujjain	Assessment of balanced nutrition in Papaya.	Average fruit Wt(kg) Yield(q/ha)	0.99 893	3.39 1785	166000	215600	-	981750	1963500	-	815750	1747900	-	5.9	9.1	
Ujjain	Assessment of balanced nutrition in Orange.	Yield(q/ha)	189	335	162400	199400	-	473600	838000	-	311200	638600	-	2.9	4.2	

### 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	2013-14	Kharif	High seedling mortality and poor vigour in traditional seed nurseries	Assessment of Plug Tray	Assessment	Income Generation	Plug tray	Speedy establishment, fast, uniform germination and good vigour with less mortality of seedlings.	Irrigated	5	Recommended for large scale dissemination.
Ujjain	2013-14	Rabi	Low efficiency and high drudgery of farm women in carrying agricultural harvested produce	Assessment of manually drawn wheel mounted multipurpose trolley	Assessment	Drudgery Reduction	Manually drawn wheel mounted multipurpose trolley	Easy to handle more weight and volume of crop by exerting less energy in less time. Less body discomfort.	Manually drawn wheel mounted multipurpose trolley	5	Recommended for large scale dissemination.

## 2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter																					
		Output m <sup>2</sup> /h		Est. Energy Expenditure kj/min.		WH R beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Savin g 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	Assessment of Plug Tray	-	-	-	-	-	-	-	-	-	-	375	496	63228	94139	199868	421943	375	496	136640	327804	191164	4.5
Ujjain	Assessment of manually drawn wheel mounted multipurpose trolley	18.8	172.4	-	-	-	-	37	80	-53.7	116	150.4	1379.2	1655	270	-	1385	-	-	-	1385	1385	5.1

## 2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Ujjain	The district demands the technology which well suited for decomposing the previous crop's residue without addition of water at prior to sowing in Kharif season.
Ujjain	Although soybean variety JS 97-52 is a very good variety with an adverse trait of late maturity. Similarly RVS 2001-4 is very good variety in medium maturity group but farmer's demands bold seed size. Farming needs the soybean variety in both early and medium maturity group having bold seed size with higher productivity under changed climatic scenario.
Ujjain	Farming needs high yielding, early maturing (125-135 days harvest) variety of pigeonpea.
Ujjain	Farmers demands high yielding having non-shattering determinate growth habit variety of blackgram.
Ujjain	Farmers demands T. aestivum variety having equal or more productivity than Poshan/ Pusa Mangal.
Ujjain	Farming needs Frost resistant, uktha(wilt & dry root rot) resistant, high yielding variety under kabuli chickpea group.
Ujjain	The need of approval of testing the foliar application of boron and sulphur against frost damage in rabi season crops are desired.
Ujjain	Bold seeded fenugreek varieties are demanded for replacement of local cultivar i.e. Metha/ Fefada.

### 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	10	155	285
Ujjain	Chili	Integrated Pest Management	Imidachlopid 17.8 SL @ 15 ml per knapsack	FLD and Trainings, Field day	4	28	45
Ujjain	Onion	Integrated Crop Management	Full technology with variety AFDR	OFT,FLD and Trainings	7	45	32
Ujjain	Tomato	Integrated Crop Management	Raised bed of 75 cm width with alternate furrows of 45 cm.	FLD and Trainings	3	22	12
Ujjain	Vegetables	Nutritional Security	Improved hybrids of vegetables to produce round the year	OFT, FLD and Trainings	2	34	11
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	30	2200	11000
Ujjain	Soybean	Integrated Nutrient Management	Use of sulphur@20 kg/ha with Boron @1.5 kg/ha as basal application	OFT,FLD and Trainings	10	185	875
Ujjain	Soybean	Integrated Nutrient Management	Use of cycocell @1000ppm at 50DAS	OFT,FLD and Trainings	35	750	3200
Ujjain	Soybean	Integrated Weed Management	Use of Diclosulam @22.5g/ha as PE	OFT,FLD and Trainings	0	0	0
Ujjain	Soybean	Natural Resource Management	Ridge and furrow planting through refinement in seed drill with rear attachment	OFT,FLD and Trainings	124	3175	18500
Ujjain	Soybean	Integrated Nutrient Management	Use of Potassic Fert. @40 kg K <sub>2</sub> O/ha	OFT,FLD and Trainings	35	450	2500
Ujjain	Blackgram	Integrated Crop Management	Variety PU-31: RDF (20:60:20) and need based PP	OFT,FLD and Trainings	10	55	82

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	Advisory	Information and Communication Technology	All Subjects	OFT,FLD and Mela, Awareness campaign	106	5055	30000
Ujjain	Mustard	Integrated Crop Management	Seed + RDF + planting geometry + variety (Pusa Jaikisan) and need based plant protection	OFT,FLD and Trainings	450	8500	150000
Ujjain	Chickpea	Integrated Crop Management	Seed + RDF + planting geometry + variety (JG-11) and need based plant protection	OFT,FLD and Trainings	30	375	1200
Ujjain	Chickpea	Varietal Evaluation	Seed, variety JG-11	OFT,FLD and Trainings	10	75	280
Ujjain	Wheat	Natural Resource Management	Field preparation for rabi crop through rotavator	OFT,FLD and Trainings	40	300	2000
Ujjain	Wheat	Varietal Evaluation	Variety Raj -3777	OFT,FLD and Trainings	7	30	200
Ujjain	Wheat	Varietal Evaluation	Variety Harshita HI-1531 (Harshita)	OFT,FLD and Trainings	45	225	1480
Ujjain	Wheat	Varietal Evaluation	Variety HI-1544 (Poorna)	OFT,FLD and Trainings	250	750	5500
Ujjain	Wheat	Varietal Evaluation	Variety HI-8638 (Malav Kranti)	OFT,FLD and Trainings	10	40	250
Ujjain	Wheat	Integrated Pest Management	Seed treatment of wheat with Chloropyriphos@7ml/kg	OFT,FLD and Trainings	150	2200	11000
Ujjain	Chickpea	Varietal Evaluation	JGK-3	OFT,FLD and Trainings	15	80	280
Ujjain	Chickpea	Integrated Nutrient Management	Co-inoculation of Ammonium molybdate @ 1g/kg seed with Rhizobium	OFT,FLD and Trainings	30	120	300
Ujjain	Garlic	Integrated Weed Management	Pre emergence application of Oxyflourfen @0.250 l ai/ha	OFT,FLD and Trainings	200	625	1500
Ujjain	Potato	Integrated Disease Management	Spray of Mancozeb+ Metalyxl @30g/knapsack at 30 and 50 DAS	OFT,FLD and Trainings	250	1100	4500
Ujjain	Potato	Integrated Nutrient Management	Use of N:P:K (100:60:80)	OFT, FLD and Trainings	100	300	1100
Ujjain	Tomato	Value Addition	Value Addition Tomato	OFT, FLD and Trainings	5	25	70

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
			Ketchup				
Ujjain	Aaonla	Value Addition	Value Added in Aaonla	OFT, FLD and Trainings	3	15	12

### 3.2 Details of FLDs implemented

KVK Name	Year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/ Technology/ Enterprises'	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T <sub>1</sub> )	RP (T <sub>2</sub> )		SC	ST	Others	General	Total
Ujjain	2013-14	Kharif	Integrated Crop Management	Full Package	Soybean	JS-9560	5	9.7	12.8	32.0	4	0	8	0	12
Ujjain	2013-14	Kharif	Integrated Nutrient Management	Sulphur and Boron Nutrition	Soybean	JS-9560	2	9.4	11.8	25.5	4	0	6	2	12
Ujjain	2013-14	Kharif	Integrated weed Management	Diclosulam	Soybean	JS-9560	4	9.2	12.1	31.5	6	0	4	0	10
Ujjain	2013-14	Kharif	Natural Resource Management	Deep Ploughing	Soybean	JS-9305	2	9.5	8.5	-10.5	2	0	6	4	12
Ujjain	2013-14	Kharif	Integrated Nutrient Management	Potassium Nutrition	Soybean	JS-9560	5	9.5	11.4	20.0	4	0	8	0	12
Ujjain	2013-14	Kharif	Natural Resource Management	Raised Bed Planting	Soybean	JS-9305	2	9.4	16.5	75.5	1	0	4	0	5
Ujjain	2013-14	Kharif	Mal Nutrition Management	Fortified flour	Soybean	Fortified flour	15	0	0	0.0	3	0	11	1	15
Ujjain	2013-14	Kharif	Integrated Crop Management	Full Package	Blackgram	PU-31	5	8.2	10.2	24.4	0	0	10	2	12
Ujjain	2013-14	Kharif	Integrated Crop Management	Full Package	Maize	NK-6240	8	24.1	43.2	79.3	2	0	5	13	20



KVK Name	Year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/ Technology/ Enterprises'	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T <sub>1</sub> )	RP (T <sub>2</sub> )		SC	ST	Others	General	Total
Ujjain	2013-14	Kharif	Varietal	Pusa Narangi	Marigold	Pusa Narangi	2	78	96	23.07	4	0	6	2	12
Ujjain	2013-14	Kharif	Varietal	AFDR	Onion	AFDR	2	125.3	172.8	37.9	3	0	1	1	5
Ujjain	2013-14	Kharif	Nutritional Kitchen Garden	Seasonal vegetables	Vegetables	Vegetable Seeds	2	0.7	2	185.7	15	0	0	0	15
Ujjain	2013-14	Rabi	Integrated Crop Management	Full Package	Mustard	RVM-2	5	10.2	12.8	25.5	7	0	3	2	12
Ujjain	2013-14	Rabi	Integrated Crop Management	Full Package	Gram	JG-130	5.2	10	14.7	47.0	8	0	3	2	13
Ujjain	2013-14	Rabi	Varietal	Variety	Gram	JG-130	14	10.2	13.4	31.4	15	0	4	16	35
Ujjain	2013-14	Rabi	Varietal	Variety	Gram	Kripa (Phule-G-517)	2	8.5	12.8	50.6	1	0	4	0	5
Ujjain	2013-14	Rabi	Varietal	Variety	Wheat	HI-1544	2	42.5	56.5	32.9	1	0	2	2	5
Ujjain	2013-14	Rabi	Varietal	Variety	Wheat	Raj-3777	5.2	43.5	52.2	20.0	6	0	3	4	13
Ujjain	2013-14	Rabi	Varietal	Variety	Wheat	HI-8663	5.2	51.2	69.7	36.1	1	0	6	6	13
Ujjain	2013-14	Rabi	Integrated Pest Management	Chloropyriphos	Wheat	LOK-1	5	39.8	43.5	9.3	9	0	1	2	12
Ujjain	2013-14	Rabi	Integrated Disease Management	Mancozeb and Metalyxl	Potato	Kufri chipsona-1	5	225	278	23.6	4	0	6	2	12
Ujjain	2013-14	Rabi	Integrated pest Management	Spinosad	Garlic	G-282	2	88.6	128.5	45.0	1	0	3	1	5
Ujjain	2013-14	Rabi	Value Addition	Murrabha	Anola	N-5	12	0	0	0	1	0	2	9	12
Ujjain	2013-14	Rabi	Value Addition	Ketchup	Tomato	Laxmi	12	0	0	0	2	0	0	10	12

### 3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )
Ujjain	Full Package	Soybean	Yield qt/ha	9.7	12.8	17595	18742	38800	51200	21205	32458	2.2	2.7
Ujjain	Sulphur and Boron Nutrition	Soybean	Yield qt/ha	9.4	11.8	14700	17083	37600	47200	22900	30117	2.6	2.8
Ujjain	Diclosulam	Soybean	Yield qt/ha	9.2	12.1	14430	15291	36800	48400	22370	33108.9	2.6	3.2
Ujjain	Deep Ploughing	Soybean	Yield qt/ha	9.5	8.5	14141	14985	38000	34000	23859	19015	2.7	2.3
Ujjain	Potassium Nutrition	Soybean	Yield qt/ha	9.5	11.4	14553	16400	38000	45600	23447	29200	2.6	2.8
Ujjain	Raised Bed Planting	Soybean	Yield qt/ha	9.4	16.5	16662	17585	37600	66000	20938.3	48415	2.3	3.8
Ujjain	Fortified flour	Soybean		0	0	0	0	0	0	0	0	0	0
Ujjain	Full Package	Blackgram	Yield qt/ha	8.2	10.2	9816	11356	32800	44880	22984	33524	3.3	4.0
Ujjain	Full Package	Maize	Yield qt/ha	24.1	43.2	16008	18498	34345	61577	18337	43079	1.15	2.33
Ujjain	Pusa Narangi	Marigold	Yield qt/ha	78	96	9800	11500	37400	69000	27600	57500	3.8	6.0
Ujjain	AFDR	Onion	Yield qt/ha	125.3	172.8	27617	30399	93951	146855	66334	116455	2.40	3.83
Ujjain	Seasonal vegetables	Vegetables	kg/day	0.7	2	504	1551	1320	5850	816	4299	2.9	4.2
Ujjain	Full Package	Mustard	Yield qt/ha	10.2	12.8	9450	10675	34680	43520	25230	32845	3.7	4.1
Ujjain	Full Package	Chickpea	Yield qt/ha	10	14.7	16800	18500	24000	35280	7200	16780	1.4	1.9
Ujjain	Variety	Chickpea	Yield qt/ha	10.2	13.4	16500	17350	24480	32160	7980	14810	1.5	1.9
Ujjain	Variety	Chickpea	Yield qt/ha	8.5	12.8	18500	21200	40800	61440	22300	40240	2.2	2.9
Ujjain	Variety	Wheat	Yield qt/ha	42.5	56.5	13250	15500	63750	87575	50500	72075	4.8	5.7
Ujjain	Variety	Wheat	Yield qt/ha	43.5	52.2	13250	15800	65250	80910	52000	65110	4.9	5.1

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 <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )
Ujjain	Variety	Wheat	Yield qt/ha	51.2	69.7	13500	16150	76800	108035	63300	91885	5.7	6.7
Ujjain	Chloropyriphos	Wheat	Yield qt/ha	39.8	43.5	13450	14200	59700	67425	46250	53225	4.4	4.7
Ujjain	Mancozeb and Metalylx	Potato	Yield qt/ha	225	278	48350	50500	180000	229350	131650	178850	3.7	4.5
Ujjain	Spinosad	Garlic	Yield qt/ha	88.6	128.5	53500	56000	221500	321250	168000	265250	4.1	5.7
Ujjain	Murrabha	Anola	-	-	-	9	92	10	150	1	58	1.1	1.6
Ujjain	Ketchup	Tomato	-	-	-	16.5	52	25	120	8.5	68	1.5	2.3

### 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/Enterprises	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Ujjain	2013-14	Kharif	Nutritional Kitchen Garden	Malnutrition	Nutritional Kitchen Garden	Vegetables	Vegetable Seeds	Irrigated	2	15
Ujjain	2013-14	Kharif	Mal Nutrition Management	Malnutrition	Fortified Soya flour (Result Awaited)	Soybean	Fortified Soya flour in daily diet	NA		15
Ujjain	2013-14	Rabi	Value Addition	Wastage of produce and Low income due to seasonal glut	Murrabha	Anola	Murrabha	NA		12
Ujjain	2013-14	Rabi	Value Addition	Wastage of produce and Low income due to seasonal glut	Ketchup	Tomato	Ketchup	NA		12

### 3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m <sup>2</sup> /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	Nutritional Kitchen Garden	0	0	0	0	0	0	0	0	0	0	256	730	504	1551	1320	5850	1920	5475	780	4188	3408	3.8
Ujjain	Fortified Soya flour (Result Awaited)	0	0	0	0	0	0	0	0	0	0												
Ujjain	Murrabha	0	0	0	0	0	0	0	0	0	0			9	92	10	150	0	0	1	58	57	1.6
Ujjain	Ketchup	0	0	0	0	0	0	0	0	0	0			16.5	52	25	120	0	0	8.5	68	59.5	2.3

### 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	60	Salakhedi
Ujjain		Farmers Training	1	24	OFF
Ujjain		Media coverage	3	Mass	
Ujjain		Training for extension functionaries	2	28	ON
Ujjain	Blackgram	Field days	1	35	Naugawan
Ujjain		Farmers Training	1	28	
Ujjain		Media coverage	3	Mass	
Ujjain		Training for extension functionaries	1	9	ON
Ujjain	Mustard	Field days	1	27	Piplyahama
Ujjain		Farmers Training	1	24	
Ujjain		Media coverage	2	Mass	
Ujjain		Training for extension functionaries	1	13	ON
Ujjain	Chickpea	Field days	1	35	Baghera
Ujjain		Farmers Training	1	22	
Ujjain		Media coverage	3	Mass	
Ujjain		Training for extension functionaries	1	13	ON
Ujjain	Wheat	Field days	1	22	Salakhedi
Ujjain		Farmers Training	1	24	
Ujjain		Media coverage	3	Mass	
Ujjain		Training for extension functionaries	1	15	ON

### 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	NA	NA	NA	NA	NA

## 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	Integrated Crop Management in Soybean	Training, FLD,	20 to 25 percent yield	Large scale

### 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 95-52.

## 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	Prioritization of problem on the basis of Affected area , PRA & Group Discussion, Importance of Enterprise and Area of Distribution	4.12.13 Borkhedi	25
Ujjain	OFF/FW	PRA techniques	10.12.13 Borkhedi	15
Ujjain	On/IS	Discussion and on the basis of farmers feedback	22.2.14 KVK	90
Ujjain	On/Ry	Self reliance dependence through SHG	12.8.13 Salakhedi, Bichrod and Borkhedi	75

**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
<b>Thematic Areas for Training</b>	
CRP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RYH	Rural Youth
EXP	Extension Personnel

## 5. TRAINING PROGRAMMES

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

**Table 5.1. Details of Training programmes conducted by the KVKs**

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Ujjain	FW	ONC	CRP	Kharif Production Technology (ATMA-KVK Convergence)	1	1	12	0	10	0	2	0	11	0
Ujjain	FW	ONC	SFM	Importance of micronutrients in crop production	1	1	14	0	34	0	3	0	25	0
Ujjain	FW	ONC	CRP	Hybrid Maize Production Technology	1	1	8	0	9	2	0	0	5	0
Ujjain	FW	ONC	PLP	Insect, Pest and Disease Management	1	1	4	0	14	0	0	0	9	0
Ujjain	FW	ONC	AEG	Importance of Soil and Water Conservation	1	1	0	1	19	20	0	0	13	5
Ujjain	FW	ONC	PLP	Integrated pest management in Kharif Crop	1	1	13	0	9	0	0	0	38	0
Ujjain	FW	ONC	CRP	Integrated farming system for social upliftment	1	1	5	0	9	0	0	0	16	0
Ujjain	FW	ONC	CRP	Production Techniques of Rabi crops	1	1	1	0	7	0	0	0	8	0
Ujjain	FW	ONC	PLP	IPM in Rabi Crops	1	1	2	0	12	0	0	0	1	0
Ujjain	FW	ONC	PIS	Seed Production Technology	1	1	30	0	15	0	0	0	18	0
Ujjain	FW	ONC	PLP	IPM in Mustard crop	1	1	21	0	18	0	0	0	26	0
Ujjain	FW	ONC	AEG	Irrigation Management in Rabi Crop	1	1	12	0	8	0	0	0	7	0
Ujjain	FW	ONC	CBD	Leadership Development in Rural youth	1	1	0	0	0	12	0	0	0	0
Ujjain	FW	OFC	HOV	Production Technique of Spring Season Crop	1	1	5	0	5	0	0	0	6	0
Ujjain	FW	OFC	OTH	Importance of Marketing Strategies and Value Addition	1	1	2	0	3	0	0	0	24	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Ujjain	FW	OFC	AEG	Importance of Summer deep ploughing for Kharif crop production	1	1	0	0	12	12	0	0	0	0
Ujjain	FW	OFC	WOE	Scientific method of Rabi grain storage	1	1	0	2	1	15	0	0	2	2
Ujjain	FW	OFC	HOV	Importance of post harvest technique	1	1	1	0	10	0	0	0	5	0
Ujjain	FW	OFC	PLP	Insect pest management in Vegetable crops	1	1	0	0	22	0	1	0	5	0
Ujjain	FW	OFC	SFM	Importance of Soil Testing	1	1	0	0	1	0	0	0	9	0
Ujjain	FW	OFC	CRP	production techniques of Kharif crops	1	1	0	0	1	0	0	0	20	0
Ujjain	FW	OFC	CRP	Importance of Organic Manure in current Agriculture	1	1	1	0	0	0	0	0	20	0
Ujjain	FW	OFC	SFM	Importance of Soil Testing	1	1	2	0	7	0	0	0	9	0
Ujjain	FW	OFC	PIS	Hybrid Maize production techniques under crop diversification	1	1	1	0	2	0	0	0	11	0
Ujjain	FW	OFC	CRP	production techniques of Kharif crops	1	1	0	0	0	0	0	0	24	0
Ujjain	FW	OFC	CRP	Role of Seed Parameters and Varieties for improved production	1	1	7	0	7	0	0	0	15	0
Ujjain	FW	OFC	CRP	Importance of Pulse crop- Black gram in Kharif Production	1	1	3	0	6	13	0	0	1	2
Ujjain	FW	OFC	SFM	Identification and correlation of micronutrient deficiency	1	1	0	0	0	0	0	0	28	0
Ujjain	FW	OFC	CRP	Importance of Weed Management in soybean crop	1	1	8	0	11	0	0	0	10	0
Ujjain	FW	OFC	CRP	In situ moisture conservation in soybean crop	1	1	4	0	14	0	0	0	13	0
Ujjain	FW	OFC	SFM	Importance of Soil and Water Conservation	1	1	2	0	16	0	0	0	7	0
Ujjain	FW	OFC	PLP	IPM in Kharif Crop	1	1	0	0	6	0	0	0	7	0



Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Ujjain	FW	OFC	PLP	Judicious use of Chemical and Bio-Pesticide in Field Crop	1	1	1	0	13	0	0	0	4	0
Ujjain	FW	OFC	PLP	IPM in Kharif Crop	1	1	6	0	4	0	0	0	23	0
Ujjain	FW	OFC	WOE	The importance of fortified Soy flour for improving health of rural women	1	1	1	2	0	2	0	0	3	1
Ujjain	FW	OFC	CRP	Crop diversification by adopting mustard varieties	1	1	6	0	19	0	0	0	21	0
Ujjain	FW	OFC	WOE	Formation of SHG for uplifting in society	1	1	19	0	0	0	0	0	0	0
Ujjain	FW	OFC	CRP	Management of inputs for Rabi crop	1	1	1	1	0	12	0	0	0	1
Ujjain	FW	OFC	PLP	IPM in Rabi Crops	1	1	5	0	17	0	0	0	3	0
Ujjain	FW	OFC	CRP	Production Techniques of gram crop	1	1	17	0	0	0	0	0	0	0
Ujjain	FW	OFC	CRP	Production techniques of oilseed and pulses for Rabi crops	1	1	0	0	3	0	0	0	17	0
Ujjain	FW	OFC	PLP	Disease Management in oilseed, pulses and vegetable crops	1	1	4	0	2	0	0	0	20	0
Ujjain	FW	OFC	PLP	Weed Management in Rabi crop	1	1	11	6	6	0	0	0	10	0
Ujjain	FW	OFC	SFM	Role of INM for higher production in gram	1	1	1	0	6	0	0	0	15	0
Ujjain	FW	OFC	SFM	Judicious use of Chemical and Bio-Pesticide in Field Crop	1	1	30	0	11	0	0	0	19	0
Ujjain	FW	OFC	PLP	Scientific Method of Storage of Rabi Crops	1	1	14	0	6	0	0	0	4	0
Ujjain	FW	OFC	CRP	Package and practice of mustard crops	1	1	4	0	14	0	0	0	6	0
Ujjain	FW	OFC	CBD	Gender Mainstreaming through SHG	1	1	3	0	21	0	0	0	14	0
Ujjain	FW	OFC	CBD	Crop Diversification for better income	1	1	1	0	18	0	0	0	5	0
Ujjain	FW	OFC	PIS	Qualitative Seed Production in autogamous	1	1	0	0	0	0	0	0	28	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				crops										
Ujjain	FW	OFC	CRP	Importance of crop diversification for bumper production	1	1	5	0	9	0	0	0	11	0
Ujjain	FW	OFC	WOE	Independency and Income generation through SHG	1	1	0	13	0	0	0	0	0	4
Ujjain	FW	OFC	AEG	Use of Advance Machinery in Agriculture for better income in Rabi Crops	1	1	22	0	0	0	0	0	6	0
Ujjain	FW	OFC	LPM	Scientific method of fodder cultivation	1	1	4	0	6	0	0	0	18	0
Ujjain	FW	OFC	AEG	Importance and Ue of Rotavator in Field Preparation	1	1	4	0	10	0	0	0	14	0
Ujjain	FW	OFC	SFM	Importance and Use of Organic Compost in Keeping fertility quality of Soil	1	1	1	0	5	0	0	0	12	0
Ujjain	IS	ONC	CRP	Integrated Nutrient Management in Kharif Crop	1	1	4	1	1	0	0	0	3	0
Ujjain	IS	ONC	CRP	Integrated Crop Management in Kharif Crops	1	1	11	0	6	0	0	0	2	0
Ujjain	IS	ONC	PLP	Integrated Pest Management in Kharif Crops	1	1	10	0	1	0	0	0	7	0
Ujjain	IS	ONC	PIS	Hybrid Seed Production in Field and Vegetable crops	1	1	9	0	4	1	0	0	7	0
Ujjain	IS	ONC	SFM	Role of Organic Farming in Context of Changing Climatic Scenario	1	1	12	4	0	0	0	0	0	0
Ujjain	IS	ONC	CRP	Resource conservation techniques for field crops (Rabi)	1	1	10	2	0	0	0	0	1	0
Ujjain	IS	ONC	CRP	Importance of Pulse crop to restorage soil fertility	1	1	5	0	2	0	0	0	6	0
Ujjain	IS	ONC	CRP	Planning of Kharif crops	1	1	8	5	0	0	0	0	2	0
Ujjain	RY	ONC	WOE	Formation of SHG for	1	1	0	3	0	3	0	0	0	7

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				Women Entrepreneur										
Ujjain	RY	ONC	CBD	Diversified Agriculture Technology for Income Generation	1	1	0	2	0	5	0	0	0	5
Ujjain	RY	ONC	HOV	Nursery Management of Fruits and Vegetables	1	1	7	0	2	0	0	0	8	0
Ujjain	RY	ONC	WOE	Importance of Balanced diet for better growth of Women and Children	1	1	0	0	0	3	0	0	0	7
Ujjain	RY	OFC	HOV	Nursery Management for Horticultural Crops	1	1	0	0	4	14	0	0	0	1
Ujjain	RY	OFC	HOF	Scientific Method for developing of orchard	1	1	0	0	2	15	0	0	0	1
Ujjain	RY	OFC	CRP	Importance of Bio-Fertilizer	1	1	4	0	7	0	0	0	39	0
Ujjain	RY	OFC	CBD	Integrated Farming System for Social Upliftment	1	1	0	1	30	0	0	0	0	0
Ujjain	RY	OFC	HOV	Post Harvest Technology in perishable crops	1	1	0	2	0	10	0	0	0	39
Ujjain	RY	OFC	PIS	Precaution for quality seed production for wheat	1	1	10	0	3	0	0	0	7	0
Ujjain	RY	OFC	HOV	Role of Vegetable to increase the income of rural youth	1	1	2	0	4	0	0	0	10	0
Ujjain	RY	OFC	WOE	Fruits and vegetables processing	1	1	0	7	0	6	0	0	0	7
Ujjain	RY	OFC	HOO	Importance of floriculture farming for better income	1	1	3	0	4	0	4	0	5	0

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

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Ujjain	Nursery Management of Fruits and Vegetables	Crop	Income Generation	1	7	0	2	0	0	0	8	0
Ujjain	Qualitative Seed Production Technology for SHG	Crop	Income Generation	1	14	0	15	0	0	0	4	0
Ujjain	Fruits and vegetable processing	Crop	Income Generation	1	0	7	0	6	0	0	0	7

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	Seed Production	Crop	Income Generation	36	12	0	2	0	0	0	11	0
Ujjain	Vermi Culturing & Vermi Composting	Enterprise	Income Generation	16	5	0	0	0	0	0	10	0
Ujjain	Seed Production through SHG	Crop	Income Generation	01	3	0	21	0	0	0	14	0
Ujjain	Women SHG "Jai Maa Durga Swa Sahayta Samuh"	Enterprise	Income Generation	01	0	0	0	0	0	0	0	20

**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 elsewhere
		Type of units	Number of units	Number of persons employed	
Ujjain	Importance of post harvest techniques	Production farms	2	9	11
Ujjain	Hybrid maize production techniques under crop diversification	Production farms	4	17	35
Ujjain	Formation of SHG for women empowerment	SHG at village	2	22	40
Ujjain	Nursery management of fruits and vegetables	Production farms	42	122	327
Ujjain	Quality seed production techniques for SHG	Seed production units	3	12	37
Ujjain	Floriculture for income generation	Production farms	15	75	94

**Table 5.4. Sponsored Training Programmes**

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Ujjain	Fram Mechanization	AEG	AEG	FW	2	1	8	2	19	0	5	12	0	0	Dept. of Agricultural Engineering	0
Ujjain	Saffron Cultivation and Marketing Technology	IG	IG	FW	1	1	29	3	15	3	2	0	1	0	S..K.U.A.T.Shrinagar	0
Ujjain	Seed Production	AGR-131	SP	FW	36	1	12	0	11	0	2	0	0	0	Dept. Ag. M.P./ FMAD-M.P.	10.91 Lakh

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Ujjain	Vermi Culturing and Vermi Composting	AGR-137	OF	FW	16	1	5	0	10	0	0	0	0	0	FAMD-M.P./Dept./AG.M.P.	
Ujjain	Kisan Mitra Training Programme	IF	IF	FW	1	1	0	0	9	0	1	0	0	0	ATMA,Ujjain	0
Ujjain	How can be maximise economy of farmers for cultivating improved black gram	CRP	CRP	FW	1	1	10	0	2	0	12	0	0	0	ATMA,Ujjain	0
Ujjain	Production Technology of Kharif Crop	CRP	CRP	FW	1	1	2	0	5	0	9	4	0	0	ATMA,Ujjain	0
Ujjain	Importance of Integrated Farming for Social Upliftment	IF	IF	FW	1	1	18	0	20	0	5	0	2	0	ATMA,Ujjain	0
Ujjain	Crop Diversification for better income generation	IF	IF	FW	1	1	1	0	5	0	18	0	0	0	ATMA,Ujjain	0
Ujjain	Income Generation Activities for rural youth	IG	IG	FW	1	1	8	0	10	0	7	0	0	0	ATMA,Ujjain	0
Ujjain	Leadership Development among rural Youth	CBD	CBD	FW	1	1	4	0	7	0	8	0	0	0	ATMA,Ujjain	0
Ujjain	Scientific Storage of Grain	PP	PP	FW	1	1	4	0	13	0	6	0	0	0	ATMA,Ujjain	0

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

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Ujjain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**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	Formation of SHG for women empowerment	32	12.8	35.55	0	0	500	2400	0
Ujjain									32
Ujjain									22.75
Ujjain	Nursery management of fruits and vegetables	16	19.3	42.5	78	104	117000	218400	45
Ujjain									16
Ujjain									23.2
Ujjain	Quality seed production techniques for SHG	33	26.7	72.5	35	64	52500	134400	33
Ujjain									105
Ujjain									45.8
Ujjain	Hybrid Maize Production techniques under crop diversification	14	5.5	26.8	0	0	0	0	Hybrid parents not available
Ujjain	Seed Production Technology- Wheat	63	42.3	88.5	25	47	30000	69600	30
									08
									109 & 132
Ujjain	In-situ moisture conservation in soybean crop	31	10	33	12.5	15	23750	32500	50
									75
									230 & 37

## 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	5	5	96	0	65	18	5	0	To convenience the participant about the applicability of the practice in their own situation. To motivate them to adopt the practice by showing its performance and profitability under field condition.	Blackgram Day, Soybean Day, Mustard Day, Chickpea Day and Wheat Day	Poding, Grain filing maturity
Ujjain	Kisan Mela	1	1	3500	300	1650	50	10	2	To acknowledge the the maximum farmers about the improved agricultural technologies and discussion on crops for boost up the farm income.	Bio diversification, cultivation of floriculture, fruits and other horticultural crops and integrated farming.	
Ujjain	Kisan Ghosthi	4	7	158	12	100	6	16	2	To boost up the production of farmers field	Improved seeds, balanced fertilizers and pesticides etc.	
Ujjain	Exhibition	4	4	376	66	171	42	13	2	To create interest and and acquaintance about better standards among farmers . To enhance the knowledge	To create awareness about the different models about agriculture.	
Ujjain	Film Show	10	28	761	40	375	51	4	0	Live demonstration of the techniques related to agriculture.	Local need based issues i.e. onion storage, drudgery in farm women and low tunnel poly house etc.	
Ujjain	Method Demonstrations	2	4	33	7	15	5	0	0	To teach skill and stimulate farmers for doing a job in a better way to get better results	Seed treatment , balanced fertilizers,	

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Ujjain	Farmers Seminar	-	0	0	0	0	0	0	0			
Ujjain	Workshop	-	1	0	0	0	0	55	24	Awareness about Soy Products & its marketing	Soy Products	After Harvesting
Ujjain	Group meetings	2	2	8	10	17	3	1	0	To develop favourable attitude about new methods and commitments for action through group involvement.		
Ujjain	Lectures delivered as resource persons	15	22	126	26	313	44	9	2	To create awareness about current problems and their remedies.		
Ujjain	Newspaper coverage	50	41	-	-	-	-	-	-	MASS	To create awareness about current aspect of farming.	
Ujjain	Radio talks	6	9	-	-	-	-	-	-	MASS	local Need Based Subjects	
Ujjain	TV talks	8	3	-	-	-	-	-	-	MASS	To create general awareness about need based agricultural to the rural audience.	
Ujjain	Popular articles	10	1	-	-	-	-	-	-	MASS	Diffusion of the new techniques and knowledge for updating the issues of farmers	
Ujjain	Extension Literature	1	4	-	-	-	-	-	-	500	To facilitate use at convenience and to serve as a future reference.	
Ujjain	Farm advisory Services	-	87	-	-	-	-	-	-	5055	KMA as per the local need of farmers.	Every Stage of Crop life
Ujjain	Scientific visit to farmers field	75	87	45	0	81	0	8	2	To create the awareness among the	IPM, IDM & problem of	Vegetative 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			
										farmers about major problems of crops and their major controls.	Farmers	pod filling stage
Ujjain	Farmers visit to KVK	100	326	1268	69	1036	55	17	1	To get rid the group of farmers about new technology , new varieties, importance of crop diversity and adoption of package of practice for crop		
Ujjain	Diagnostic visits	20	19	75	-	26	-	6	-	To identify the major problem of crop & suggest their control measures.		
Ujjain	Exposure visits	-	-	-	-	-	-	-	-	-		
Ujjain	Ex-trainees Sammelan	4	4	262	48	89	8	1	-	To develop a favourable attitude and commitment for action through group involvement and act as a safety valve for reducing tension		
Ujjain	Soil health Camp	1	1	39	0	37	0	1	0	To create awareness about soil fertility and nutrient management	Soil Sample collection	Post harvest
Ujjain	Animal Health Camp	1	1	48	-	4	-	4	-	To motivate the farmers regarding health care of the animals and vaccination for better out put		
Ujjain	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Ujjain	Soil test campaigns	-	-	-	-	-	-	-	-	-	-	-
Ujjain	Farm Science Club conveners meet		1	15	7	-	-	3	-	To Create awareness about the club activities related to agriculture		

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	Self Help Group conveners meetings	1	2	-	29	-	3	-	-	To Create awareness about the club activities related to agriculture	Importance of SHG and its vague use in income generation and its role in taking decision power of farmers and farm women.	
Ujjain	Mahila Mandals conveners meetings	1	2	-	29	-	3	-	-			
Ujjain	Celebration of important days Hindi Pakhwara	0	1	120	11	38	8	8	3	To create awareness and importance of our national language - Hindi.	Hindi Poetry, Hindi Lectures were organized	
Ujjain	Parthenium Day	1	1	15	0	19	0	2	0	To Create awareness about adverse effect of Parthenium	Lecture on chemical control, mechanical control of parthenium, preparation of manure, live demonstration and rally.	

## 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, 2009	Quarterly	4000 during the year	4000 copies during the year

## 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 and All SMS	1000 each
Ujjain		2-How to produce soybean production (broacher )		
Ujjain		3-Soya Ahar Poshtik Ahar		
Ujjain		4-Soybean main yellow vein mosaic control		
Ujjain		5-Sarson ka vipul utpadan		
Ujjain		6-Wheat production technology		
Ujjain		7-Gram production technology		
Ujjain	Booklet	Jowar, Makka aur soybean ke beej utpadan ki unnat takniki. pp-01-34.	PC and All SMS	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	PRA of Salakhedi by NAARM, Hyderabad Scientist	01

# 8. Production and supply of Technological products

## 8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Ujjain	Oilseed	Soybean	JS 95-60, JS 93-05, JS-335	40.78, 35.23, 37.55	500000	Will be provide to seed Producing agencies as per the allocation given by GOI / GOVT. of M.P./ University	100
Ujjain	Pulses	Gram	JG-11, JG -130, JAKI -9218, JGK-3	39.40, 215.31, 100, 10.20	2575000	Will be provide to seed Producing agencies as per the allocation given by GOI / GOVT. of M.P./ University	350
Ujjain	Cereals	Wheat	Pusa Mangal	21.8	80000	40	22
			Poshan	10.8	40000	06	11

## 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	Floriculture	Marigold	Pusa Narangi	20,000	-	10	1.5
Ujjain	Vegetable	Tomato	NS-2535	5000	-	15	1
Ujjain	Vegetable	Chilly	Pusa Jwala	5000	-	15	1
Ujjain	Vegetable	Brinjal	Pusa purple long	5000	-	15	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 under Mandi Board	2007	NPK, pH, Organic Carbon & EC Micronutrients	500	500	50	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)
Ujjain	-	-	-	-	-	-	-	-

## 10. Rainwater Harvesting

### Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RV/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total
Ujjain	28.1.14	Irrigation Management in Rabi Crops	PF/RV	1	27	-	27	8	-	8

## 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	September	2013	Orientation of Rural Horticulture Work Experience	21	12	21	-	14
Ujjain	February	2014	Orientation Programme of FOCARs	21	6	21	-	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	2009-10	2011	05	01	Due to transfer Dr. Rajeev Umat to Shajapur

## 13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Ujjain	30.5.2013	28	Provide the solar dryer for drying of Kasuri Methi under value addition. He also suggested to incorporate the pigeon pea under front line demonstration for creating awareness among farmers towards pulse production
Ujjain			incorporate trainings on Water management and Information Communication Technology for the extension personnel's.
Ujjain			addition of trainings on fruit & vegetable processing to remove Mal Nutrition for the aonganbadi rural workers.
Ujjain			organizing trainings on Pigeon pea, sorghum and maize to provide crop diversification
Ujjain	6.10.2013	34	To create awareness regarding Nutritional Kitchen Garden in rural areas and technical support to the

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
			Department of women & child development in developing the NKG.
Ujjain			Increase training programmes on drudgery reduction of farm women.
Ujjain			Create awareness regarding use of FYM and impart practical trainings for recycling of organics through vermi compost, NADEP etc .
Ujjain			Increase training programme on IPM in Horticultural crops
Ujjain			Addition of special lecture of banking procedures in the selected training programmes.

#### 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	87	4991	64	MPSEDC and 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	No fund received	Participation in Training & extension activities and provided the technical backstopping for conduction of demo.	Ujjain District	-
Ujjain	MNREGA	-	No fund received	-	Ujjain District	-
Ujjain	NHM	Central	No fund received	Participation in Training & workshop	Ujjain District	-
Ujjain	RKVY	Central	No fund received	Participation in Training & workshop	Ujjain District	-
Ujjain	NAIP	Central	No fund received	Participation in Training & workshop	Ujjain District	-
Ujjain	Climate Change	State	No fund received	Participation in Training & workshop	Ujjain District	-

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Ujjain	ACRIP (Soybean)	Central	48000	IVT, AVT-I & AVT-II	KVK Instructional Farm	-
Ujjain	Mechanization	Central	No fund received	Participation in Training & workshop	Ujjain District	-
Ujjain	VTP	State	10,91,000	Organize training on Seed Production & Vermi Compost	Ujjain District	-

## 16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Ujjain	01450210000113	213710=00	264805=00	264805=00

## 17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Ujjain	Dr. Rekha Tiwari	Individual	RVSKVV Gwalior	-
Ujjain	Sh. Yogendra Kaushik	Farmer	RVSKVV Gwalior	-
Ujjain	Sh Rajendra Singh Rajput	Farmer	State Govt. of Gujrat	51000
Ujjain	Sh. Yogendra Kaushik	Farmer	Government of India	100000
Ujjain	SHG "Jai Ma Durga"	Group-Farm Women	ATMA, Ujjain	20000
Ujjain	Sh. Dinesh Anjana	Farmer	ATMA, Ujjain	10000
Ujjain	Sh. Ishwar Singh Sisodiya	Farmer	ATMA, Ujjain	10000
Ujjain	Sh. Ishwar Singh	Farmer	ATMA, Ujjain	25000
Ujjain	Sh. Dilip Singh	Farmer	ATMA, Ujjain	10000

## 18. Details of KVK Agro-technological Park .

### a) Have you prepared layout plan, where sent?

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

### b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Ujjain	Crop Cafeteria	<b>Kharif -2013</b> <ul style="list-style-type: none"> <li>➤ Greengram-12</li> <li>➤ Soybean-15</li> <li>➤ Maize-09</li> </ul>

Name of KVK	Name of Component of Park	Detail Information (If established)
		<ul style="list-style-type: none"> <li>➤ Pigeonpea-09</li> <li><b>Rabi-2013-14</b></li> <li>✓ Wheat-21</li> <li>✓ chickpea(18);</li> <li>✓ Mustard-17</li> <li>✓ Fenugreek-06</li> <li>✓ Pea-04</li> <li>✓ Lentil -02</li> </ul>
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, Vermi Culture Unit
Ujjain	Technology Exhibition	Seed Samples of Improved varieties, Models of leading technology(Vermi-compost, NADEP, Biogas, Integrated Farming System, Poultry, Roof Water Harvesting etc), Photographs and posters.
Ujjain	Technology Gate-Valve	News Clips, Map & Graphs and Photographs of KVK activities
Ujjain	Kitchen Garden	Spinach, Fenugreek, Brinjal, tomato, radish, red beet, coriander, Broad bean, onion etc.

### c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1.	As you well known that farmers adopting monocropping system and facing a lot of problems. Hence to break the monocropping system and create the awareness regarding benefits of crop diversity using different technologies <i>i.e.</i> crops, varieties, equipments etc. displayed through crop cafeteria.	Two per year

### 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	Shri. Yogendra Kaushik	Integrated Farming System, highest productivity Wheat	Ajdawada-09425093482
2	Ujjain	Shri. Rajendra Singh	Integrated Farming System, highest productivity Potato, Wheat and Garlic	Barkhedi-09826245647
3	Ujjain	Shri.Ashwini Singh-	Tractor Drawn Scrapper, Integrated Farming & Orchard	Piplyahama-09977448851
4	Ujjain	Shri.Nand Kishor Sharma	Ridge and Furrow Equipment	Naikhedi-9301181237
5	Ujjain	Shri.Dinesh Anjana	Integrated Farming System, Seed production of Potato and	Jalakhedi-09179309900



Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
			Protected Vegetable Cultivation	
6	Ujjain	Shri.Mansing Kumawat	Protected Vegetable Cultivation	Bicharod-09754669384
7	Ujjain	Shri. Nihal Singh Anjana	Protected Vegetable Cultivation	Chintaman Jawasiya-09826677680
8	Ujjain	Smt. Rekha Anjana	Flour and Spices Mill	Dewarakhedi-09977642372
9	Ujjain	Shri.Shyam Patidar	Seed Production Kharif Onion	Kapeli-09981772300
10	Ujjain	Shri. Hakam Singh	Organic Farming	Buchakedi-09993711610

## 20. KVK interaction with progressive farmers

Name of KVK	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
Ujjain	14.6.13	26
Ujjain	27.8.13	53
Ujjain	22.2.14	136
Ujjain	4.3.14	92

## 21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Ujjain	4	2	43	666

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.
1	Bhopal	SAC, Trainings and Farmers Fair	Knowledge gained regarding Advanced Agricultural equipment
2	Dewas	SAC, Trainings and Farmers Fair	Knowledge increased regarding pond farming and fisheries
3	Ujjain	SAC, Trainings and Workshop	Knowledge sharing

## 24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Ujjain	Dr. AM Rajput Dean, COA- Indore	30.05.2013	-	✓		Best wishes.
Ujjain	Prof. AK Singh, Honb'le V.C.;RVSKVV- Gwalior Dr. SS Tomar, DES,RVSKVV- Gwalior Dr. RL Rajput, DI; RVSKVV- Gwalior	14.06.2013	-	✓		Farmer's Meet
Ujjain	Sh. R.S. Rajput, Member, BOM, RVSKVV- Gwalior	09.07.2013	-	✓		Visit
Ujjain	Dr. Mathura Rai, Former Director, IIVR-Varanasi	20.08.2013	✓	-		Visit
Ujjain	Dr. Ken Taniwahi, Tsuchiya Shinori, Takashi Nakajina, Norihaku AE, (All members of JICA Team)	25.08.2013	-	✓		Monitoring under JICA project
Ujjain	Dr. AM Rajput Dean, Dr. VK Swarankar, Prof. Dr. SP Mishra, Sci. Dr. AK Sharma, Prof. Dr. NK Gupta, Prof.	13.09.2013	-	✓		Interface of Scientist & Farmers RAWE-Monitoring

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
	Dr. SN Upadhyay, Prof. COA-Indore					
Ujjain	Dr. M. Swamy, Prof.(PB), UAS- Dharwad	20.09.2013	✓			Monitoring team of AICRP on soybean
Ujjain	Dr. YV Ingale, Sci.Amravati, PDKV-Akola	20.09.2013	✓			Monitoring team of AICRP on soybean
Ujjain	Dr. J.A. Hosmath, Sr. Sci.;UAS- Dharwad.	20.09.2013	✓			Monitoring team of AICRP on soybean
Ujjain	Dr. Y.M. Kool, Director Planning & F.O.; RVSKVV- Gwalior	25.09.2013		✓		Visited the KVK and RARS, both.
Ujjain	Sh. Moti Ram Patel, Chairman, Agril. Committee- Ujjain	26.09.2013			✓	Visit
Ujjain	Dr. A.K. Tiwari, Joint Director- Pulses, Ministry of Agri., Deptt of Agri & Cooperation, GOI.	30.12.2013	✓			Crop cafeteria including AICRP-Trials deserve special command. A collaborative efforts of KVK and Agri. Deptt in modification of garlic planter for SWI needs to be popularized under NFSM-wheat programme.
Ujjain	Dr. Noriko Ishibashi, and Dr. SoheriKobayashi, (All members of JICA Team)	14.01.2014	-	✓		Appreciate the efforts from KVK through Demo units and helps in opening of farmer's eyes for improving the farming.
Ujjain	Dr. S. Ayyappan, Hon'ble Director General-ICAR &	22.02.2014	✓	-	-	It was very interesting visit to KVK-Ujjain with explainery farm models,

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
	Secretary-DARE, Ministry of Agril., GOI,New Delhi					enthusiastic farmers client and a highly motivated staff. Congratulations and compliments to all colleagues and best wishes in all future endeavors.
Ujjain	Dr. K. Anjani, PI- AICRP- Hyderabad	27.02.2014	✓			Visit
Ujjain	Dr. SK Nanda, PS and Head RSM Division, NAARM, Hyderabad.	05.03.2014	✓			The cooperation and support extended for the FET programme is excellent.
Ujjain	Dr. D.P. Singh, Ex- Vice Chancellor, JNKVV-Jabalpur	21.03.2014	✓			Soybean Workshop; Venue-NAAS Complex, 21-22/3/2014. KVK doing excellent work covering production technology, processing, market linkages to farmers & stakeholder with soybean.
Ujjain	Dr. Nawab Ali, Former DDG(Ext.), ICAR-New Delhi	21.03.2014	✓			
Ujjain	Dr. R.S. Paroda, Former Director General-ICAR & Secretary-DARE, Ministry of Agril., GOI,New Delhi	21.03.2014	✓			Soybean Workshop; Venue-NAAS Complex, 21-22/3/2014. My best wishes for out scaling their innovations.

## 25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
01	Ujjain	08-05-2011	200	2023

## 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	30-04-2013	05	-	01	-	Discussion with Dr. K.D. Kokate DDG by Dr. D.S.Tomar	Call was made through Landline. VOIP and e-connectivity was not working
Ujjain	22-07-2013	-	-	-	-	-	Inform Late
Ujjain	23-07-2013	-	-	-	-	-	Inform Late
Ujjain	20-09-2013	06	-	-	-	-	Presentation attended using broadband
Ujjain	28-03-2014	05	-	-	-	-	Presentation attended using broadband

## 27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	Ujjain	02	-	-

## 28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received ( Nos)	Query Disposed( Nos)	Remarks
-	Ujjain	-	-	N/A

### 29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Ujjain	Dr. A.K.Dixit	Programme Coordinator	01	Two days workshop on Farm Mechanization at CIAE, Bhopal
Ujjain	Dr.A.K.Dixit	Programme Coordinator	01	Pre-zonal workshop held at RVSKVV, Gwalior
Ujjain	Dr. S.K.Kaushik,	SMS(PB&G)	00	Pre-zonal workshop held at RVSKVV, Gwalior
Ujjain	Dr. A.K.Dxiit,	Programme Coordinator	01	Zonal Workshop held at Chitrakoot
Ujjain	Smt. Ghazala Khan	Programme Assistant(Computer)	01	Meeting at ZPD unit VII, Jabalpur
Ujjain	Dr. Rekha Tiwari	SMS(H.Sc.)	01	Training programme on "Drudgery Reduction Technologies for Farm Women" at CIAE, Bhopal
Ujjain	Dr. D.S.Tomar	SMS(Agronomy)	01	'Brain Storming Workshop on Soybean for household food & nutrition security" at NASC, ICAR, New Delhi organised by TAAS & ICAR
Ujjain	Dr. Rekha Tiwari	SMS(H.Sc.)	00	'Brain Storming Workshop on Soybean for household food & nutrition security" at NASC, ICAR, New Delhi organized by TAAS & ICAR
	<b>Total</b>		<b>06</b>	

**Note: One programme attended by two or more staff**

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Ujjain	05	06

### 30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Ujjain	Dr. A.K.Dixit	Programme Coordinator	01	Meeting at RVSKVV Gwalior
Ujjain	Dr.A.K.Dixit	Programme Coordinator	01	Review Meeting held at College of Agriculture, Indore
Ujjain	Dr.S.K.Kaushik	SMS(PB&G)	00	Review Meeting held at College of Agriculture
Ujjain	Dr.D.S.Tomar	SMS(Agro.)	00	Review Meeting held at College of Agriculture
Ujjain	Dr. Rekha Tiwari	SMS(H.Sc.)	00	Review Meeting held at College of Agriculture
Ujjain	Dr. Rekha Tiwari	SMS(H.Sc.)	01	National Conference at RVSKVV, Gwalior & received III prize for poster presentation
Ujjain	Dr. Rajeev Umat	Programme Coordinator	01	Review Workshop of KVK-ATMA joint effort in MP at KVK Dewas.
Ujjain	Dr. R.Tiwari	SMS(H.Sc.)	00	Review Workshop of KVK-ATMA joint effort in MP at KVK Dewas.
Ujjain	Dr. D.S.Tomar	SMS(Agro.)	00	Review Workshop of KVK-ATMA joint effort in at KVK Dewas.
Ujjain	Dr. S. K. Kaushik	SMS(PB&G)	01	Along with two farmers attended foundation day at RVSKVV Gwalior
Ujjain	Dr. Rajiv Umat	Programme Coordinator	01	Review Workshop of joint effort of KVK-ATMA at RVSKVV, Gwalior

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Ujjain	05	06

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

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks
Ujjain	Dr. D.S.Tomar	SMS(Agronomy)	01	Training on "Climate Change & its impact on Agriculture" at EEI, Anand, Gujarat from 01-07-2013 to 06-07-2013.
Ujjain	Smt Ghazala Khan	Programme Assistant (Computer)	01	One day training at RVSKVV Gwalior
Ujjain	Smt. Ghazala Khan	Programme Assistant (Computer)	01	Training on "Project Planning & Management using MS-Project" at MANAGE, Hyderabad during 16-20, Sept 2013
Ujjain	Dr. Rekha Tiwari	SMS(H.Sc)	01	Attended 21 days (winter school) at AMRC, Coimbatore, T.N. dated 6-26 Nov 2013
Ujjain	Dr. D.S.Tomar	SMS(Agronomy)	01	21 days winter school on "Fundamental of Plant Health Management for Plant Health Doctors" at NIPHM, Hyderabad from 17-01-2014 to 06-02-2014
Ujjain	Dr. S.K.Kaushik	SMS(PB&G)	01	One day training on "PPV & FR 2001" at RVSKVV, Gwalior on 25-01-2014
Ujjain	Dr. D.S.Tomar	SMS(Agronomy)	01	One day training at RVSKVV, Gwalior on PPV & FR 2001 on 11-02-2014

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Ujjain	04	07

### 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	Frost incidence based on dip in temperatures	DES, ATMA, DDA and display on KVK website
Ujjain	Hail storm	Incidence based on meteorological events and the El-Nino effect.	DES, ATMA, DDA and display on KVK website

### 33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Ujjain	Training programmes, Visit to crop cafeteria, Visit to Technological gate Volve, Demonstration etc.	5 DAYS	388	IPM, ICM, INM, Seed production, drudgery reduction, water conservation, formation of SHG, ICT, Mechanization, Crop Protection, diversification etc.

### 34. INTERVENTIONS ON DROUGHT MITIGATION

#### Introduction of alternate crops/varieties

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

#### Major area coverage under alternate crops/varieties

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

#### Farmers-scientists interaction on livestock management

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

#### Animal health camps organized

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

#### Seed distribution in drought hit states

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

#### Seedlings and Saplings distributed

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

#### 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
-	-	-	-

#### Awareness campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
-	-	-	-	-	-	-	-	-	-	-	-	-



## 35. Proposal of NICRA

### 1. Technologies to be Demonstrated

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

### 2. Proposed Extension Activities in NICRA Village

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

### 3. Proposed Training Activities in NICRA Village

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

### 4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status
-	-	-

### 5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status
-	-	-

### 6. Public Representative/District Administration Visited in NICRA Village

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

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

-

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

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

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

Sr. no.	Name of KVK	No. of success stories	No. of case studies
01	Ujjain	3	0

**Success Story-1**

<p style="text-align: center;">Theme: <b>Information and Communication Technology</b></p> <p style="text-align: center;">Title: <b>Success Story- Higher Production through timely receiving Remote Communication Technologies by KVK Ashwini Singh, Village Pipliyahama, Block- Ghatiya, District Ujjain(M.P.), M - 9977448851</b></p>	
PROFILE	Introduction and Intervention
<p><b>Age</b> : 37 Years</p> <p><b>Education</b> : B.A.(Hons)</p> <p><b>Land Holding</b> : 27 ha (Total including Fathers holding)</p> <p><b>Farming Experience</b> : 14 Years</p> <p><b>Cropping Pattern</b> : Soy-Potato-Wheat</p> <p><b>Livestock</b></p> <p style="padding-left: 20px;"><b>Buffaloes</b> : 05</p> <p style="padding-left: 20px;"><b>Cow</b> : 03</p> <p style="padding-left: 20px;"><b>Goats</b> : 20</p> <p style="padding-left: 20px;"><b>Horse</b> : 01</p> <p style="padding-left: 20px;"><b>Bull</b> : 02</p> <p><b>Social Recognition</b> : • Awarded by M. P. Government for Higher production of Soybean during 2012-13</p> <p style="padding-left: 20px;">• Block Level prize of Rs. 10000 for Excellent Farmer by ATMA and Agriculture Department, Ujjain</p>	<p><b>Ashwini Singh</b> is a young farmer who is in contact with KVK since 2008. He is availing the facility of <b>Kisan Mobile Advisory</b> of <b>KVK-(RVSKVV)Ujjain</b> since then. Prior to this, he was farming in traditional ways but he changed the traditional method of farming to scientific method after get connected to <b>Mobile-SMS</b>. He said that he was applying seed rate of wheat about 170 Kg/ha and kept the distance of row to row 14 cm but after knowing that the seed rate of wheat should be 100-120 Kg/ha and the distance between two rows must be maintained about 22.5 cm through <b>KMA</b>, he adopted the technologies and received the produce of 90 qtl/ha which is 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 varieties like HI-1544 (Purna), HI-8663(Poshan) etc and obtained the good economic return. During the second week of January, 2014 fog &amp; mist consistently persisting in winter for 8 hours/day causing fungal infection (blight) he observed yellowing of wheat leaves. At the same time KVK broadcasted remedies by using fungicide that was propiconazol. By the time he received message from KVK-Ujjain "<i>Gehun main pale se prabhavit baliya hone par propiconazol 0.1% ka spray kare</i>", he purchase the mentioned fungicide from the market and sprayed over the crop. After three days, he found the leaves become green again and there is no chance of fungus (blight). He pleased to share his experience to other farmers also. He mentioned that messages on livestock are also very useful now we can remember easily and save our costly bullock, cows, buffaloes, goat from various diseases by using timely vaccination as mentioned in SMS. All messages are really useful as they are time specific.</p>

## OUTCOME

By the adoption of new technologies and management of crop on the basis of Scientific advice through Mobile has changed his economic condition. He received Rs.100000/- profit only from wheat crop.



**Impact:**

Due to the popularization of KMA, more number of farmers from village piplayahama registered to KVK advisory.

## Success Story-2

### Title: Empowerment :Through Women's SHG

**Introduction:** In rural area Economic independence becomes important for empowering farmers, especially farm women and an empowerment can be achieved through the formation of women self help groups (SHGs). SHG's are the excellent source for empowering the farm women if they come together to form groups then their output in terms of productivity and remuneration will also increase substantially.

Krishi Vigyan Kendra, (RVSKVV), Ujjain-M.P. is taking efforts in same direction for empowering the farm women by forming the SHG's and for generating the income of farm women. –

**KVK Intervention:** KVK was established in the year 2004 and since its establishment this institute is working in the rural area by framing the mandatory works viz.OFT, FLD and Training Programmes etc. The team of all scientists of KVK conducted PRA for collecting the reliable information from the adopted villages. Dewarakhedi was described here out of those villages which is 18 km. away from the Ujjain District. In the PRA discussion one truth was come out regarding the farm women that the ladies belong to Anjana community were the active and claver. But due to low literacy level and unfavourable surrounding they were not get the opportunities for which they were calibre. After completing the PRA need based training programmes planned and based on those training programmes were conducted in Dewarakhedi by using the thematic area. Since 2007 several training programmes and other activities were conducted for farmers as well as farm women also. In farm women's' training programmes special training programmes were conducted which were totally depended on income generation, drudgery reduction, value addition as well as health and hygiene of children and women. At the end of training programme a casual discussion with all the participants with Home Scientist was the main attraction for each and all farm women. During the discussion the basic problem and their interested areas were come out and it is helpful in planning the further implementing of the work. Meanwhile it was also come in knowledge that there were no income generation activities were running by the women. Those women were interested in establishing the small scale enterprise but due to the economic condition and low literacy level they were not taking the foots in those direction. One more thing was quoted by them that in the rural area there was nil opportunities for the farm women to takes the initiations in that direction. Hence, the KVK Ujjain has been decided to work in that aspect. Further in each training programme importance of SHG, future use and its role in empowering the farm women were discussed among the farm women. The impact of trining programme comes in the result of formation of SHG- Jai Ma Durga Swa Shayta Samuh. In the technical guidance of KVK-Ujjain '**Ma Durga Swa Sahayta Samuh**' is one of the farm Women's SHG was started at Village Dewarakhedi. This group consist total 20 farm women belongs to Anjana Community. The group was formed at Bank of India, Chattri Chock, Ujjain (M.P) (Acc.No. 910010110002507) on dated 12-12-2008 and member of this group saving Rs. 100/-month. Smt. Ajodyabai Anjana and Smt. Sitabai Anjana are the leader of this SHG. **Smt. Rekha w/o Sanjay Anjana** is one of the members of that SHG. She is actively and enthusiastically participated in each programme which was organised by Krishi Vigyan Kendra, Ujjain time to time especially for the farm women's empowerment. Varietal themes were covered for boosting and empowering farm women viz. health and hygiene, nutritive and the balanced diet, low cost recipes and income generation activities. The impact of the training programme was Smt. Rekha Anjana was interested in income generation training programmes and she was constantly in touch with the KVK activities. Her curiosity was increased day by day. She was eagerly interested for self independency. Keeping that point in mind she was constantly in touch with KVK Scientist for the technical guidance. In a group meeting of SHG that issue was discussed in front of the entire group member. After the discussion it was decided that in the village Dewarakhedi there was no commercial flour



**Members of SHG –  
'Ma Durga Swa Sahyata Samuh'**



**Flour Mill operated by Smt. Rekha**



mill and Smt. Rekha was educated (10<sup>th</sup> Standard) and capable to run the flour mill. After the meeting Smt. Rekha give second thought on the same topic with the consult with her husband and willingly ready to start the income generation activity through running the flour mill.

**Output:** In the next SHG group meeting she was applied for the loan of Rs. 10,000/- (@5% ) form their own SHG-'Jai Ma Durga Swa Shayatw Samuh'. All the group members were agree to pay her RS. 10,000/-. After availing the loan she searches the market and **purchase a multipurpose flour Mill worth Rs.10,000/- . A flour mill was inaugurated on 'Mahashivrati' festival in 2010 at her own home.** An initiating stage at no loss no profit system was adopted by her for the popularising the flour mill in rural area and for sustainable bright future of flour mill which is running by the farm woman. This is **first flour mill the village Dewarakhedi which was established by the rural women at commercial level.**

**Outcome:** In the initial stage per annum income is not remarkable due to some reason viz. premium of the loan and charges is also on no loss -no profit basis from the popularisation point view especially in rural area.

But in the latter on stage the income will be increase because the people will habitually rush at local flour mill instead of going to out of village.

In this way the success of the small scale entrepreneur is running by the rural woman Smt. Rekha Anjana. She could be the one of ideal example to the other rural women who is heisted and not turn to adopt the income generation activities. But the excellent example of Smt. Rekha can awake the rest of active farm women who desire to do something extra than the ordinary farm women.

Apart from this, a **cheque of Rs. 10,000/- also received as a revolving money by the Department of Agriculture during last financial year 2012-13.**

**Impact:** A golden opportunity and unforgettable moment of that SHG was on the occasion of 65<sup>th</sup> Republic Day they were selected by the ATMA-Ujjain as a best group in the district and received a cheque of Rs. 20,000/- as well as certificate of best SHG at District level . The honour was given by Education Minister Hon'ble Shri. Paras Jain and Shri. B.M. Sharma (The Collector -Ujjain). The collector appreciates the efforts of group and congratulate to the group for completing 5 years successfully and giving best wishes for the bright future.

At present the SHG is actively engaged in revolving the fund by giving loan within group and out of group on 2 % and 5% basis respectively. The present financial status of the group is more than 2 lacks.



HI 8663 (Poshan) is a novel genotype characterized by excellent grain quality, high and stable yield, and high resistance to stem and leaf rusts. It can serve as a naturally bi-fortified food and can be used for “dual purpose”, i.e., both for ‘nutritive chapati’ and semolina, required for fast food preparation, because of its high  $\beta$ -carotene, high hectolitre weight, high SDS sedimentation value, higher protein content, high levels of micronutrients, lowest mottling (yellow berry incidence) and having better overall acceptability (7.0) for pasta. The variety HI 8663 was, notified in May 2008 for cultivation under high fertility irrigated and timely sown conditions of Peninsular Zone. HI 8663 is a widely adapted (highest frequency in non-significant group) and high yielding variety, showing 1.4% to 28.4% yield superiority over checks MACS 2846, NIDW 295 and GW 1189. HI 8663 has shown good adaptation more number of tillers per sq. m, as compared to checks. It combines early maturity, high stable yield and tolerance to terminal heat stress along with high resistance to stem and leaf rusts, which will ensure stability in wheat production and helps in realising better yield even under deficient irrigation availability in Central Zone. HI 8663 can be used as an excellent “dual quality” durum for preparation of “nutritive chapatti” and good quality pasta as well.

## Success Story-3

### Title: Soybean State Likely to Transform into Wheat Growing hub Beating all time Productivity Levels.

The soy state is turning over a new leaf. Farmers in Madhya Pradesh have slowly scripted a new success story by producing the best wheat in India that money can buy. This may sound unreliable to those who still recon Madhya Pradesh as under developed or a sick state, but amongst many farmers of the state one from the Malwa region of Ujjain district has belied all the previous notions. When it comes to taste, quality and other attributes, Madhya Pradesh's Sharbati tops the charts in demand in the metros. The lustrous, golden grain commands premium price, being re-christened golden or premium wheat in wholesale and retail markets of Mumbai, Pune, Ahmadabad and Hyderabad or simply, MP wheat in major North Indian markets like Delhi. Recently, Inter Governmental Panel on Climate Change (IPCC) report and several other studies indicate a probability of 10-40% loss in crop production in India and other countries of South Asia with increases in temperature by 2080-2100 and decrease in irrigation water. India could lose 4-5 million tons wheat production with every rise of 1° C temperature throughout the growing period even after considering carbon fertilization (but no adaptation benefits).

#### The Torch Bearer:

Shri Yogendra Kaushik S/O Shri Vasudev Kaushik aged 61 years resident of village Ajdawada (Block Badnagar) situated 65km away from District Ujjain (M.P.) completed his education in ICE (Mech.) during 1970-71. Instead of searching for white collared job, he intrinsically adopted farming on 9.5 ha. land inherited from his ancestors. As many of his fellow farmers Mr Kaushik also struggled to do something innovative and get rid of the traditional system of farming where he could just harvest Soybean, chickpea, and wheat, the productivity of which was slightly higher than the district average i.e., Soybean (JS-335) in Kharif and Gram (Dollar) and Wheat (Lok-1) in Rabi season and the mean production of both crop was near about 15 q. /ha and 50-52q. / ha respectively. Ultimately after 35 years of endurance he first came into contact with KVK in 2005

and since then slowly but steadily his thought, vision and approach towards scientific farming changed. After attending series of trainings and exposure visits he could achieve that goal for which he dreamt for almost four decades.



**Giant Leap Forward:**

Mr. Kaushik being a contact farmer and the member of SAC was in touch with KVK Ujjain. Krishi Vigyan Kendra (RVSKVV) Ujjain (M.P.) was instrumental in providing 50 kg breeder seed of wheat (Variety- HI- 8663) which was sown in the 0.4 ha land in the month of November with full package. Crop cutting was done in the presence of revenue officials, Patwari, SADO, RAO and other local villagers who witnessed the bumper production of wheat (HI-8663) recording 95.32 q/ha.



**State Levels Award - 'Best Farmer'**  
 Hon'ble Agricultural Minister Hon'ble Dr. Ramkrishna Kusumariya presenting the award



'Certificate of Honour' received from Hon'ble Dr. Ramkrishna Kusumariya and commissioner Dr. Arun Pandey for bumper Wheat (HI -8663) Production.



Receiving award from Hon'ble VC RVSKVV on foundation day celebration of RVSKVV Gwalior



President of India, Sh. Pranab Mukherji awarded him( Cash prize Rs. 1.0 Lac) for higher yield of Wheat in 2012-13 in New Delhi



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(Application of Weedicide Diclosulam)**



**OFT on Soybean(Full Package)**



**OFT on Soybean(New Variety RVS 2001-4)**



**OFT on Soybean(Variety RVS 2001-4)**





### OFT on Wheat(New Variety Pusa Mangal)



### OFT on Wheat(New Variety Pusa Mangal)



### OFT on Preparation of Seedling in Pro-tray



### OFT on Chickpea(Boron + Sulphur) for reducing frost damage





### FLD on Soybean(JS 93-05) Impact of Deep Ploughing



### FLD on Soybean(JS 93-05) Impact of Deep Ploughing



### A Field View of FLD on Blackgram(PU-31) Full Package



### FLD on Maize (Full Package)





### FLD on Seasonal Vegetable(Nutritional Kitchen Garden)



### FLD on Soybean(Potash 40 Kg/ha)



### FLD on Mustard(RVM-2) Full Package



### FLD on Mustard(RVM-2) Full Package





**FLD on Gram(Application of Molybdenum for higher Production)**



**FLD on Gram(Application of Molybdenum for higher production)**



**FLD on Wheat(Raj-3777) Production Technique for Late Sown condition**



**FLD on Wheat(Raj-3777) Production Technique for Late Sown condition**





**FLD on Wheat(HI-8663) Production Technique under Limited Irrigated Condition**



**FLD on Wheat(HI-1544) Production Technique under Limited Irrigated Condition**



**FLD on Wheat(HI-8663) Production Technique under Full Irrigated Condition**



**FLD on Wheat(HI-8663) Production Technique under Full Irrigated Condition**





### FLD on Wheat(HI-8663) Production Technique under Full Irrigated Condition



### FLD on Gram Kabuli Variety Phule G-517



### FLD on Potato(K-Chipsona) Application of Mencozeb & Metalxyl to Control Blight



### FLD on Tomato Production, Processing and Value Addition Model





**A View of Off Campus Training**



**A View of Off Campus Training**



**A View of Off Campus Training**



**A View of Off Campus Training**





**A View of ON Campus Training**



**A View of ON Campus Training**



**Kisan Mitra Training under KVK-ATMA Convergence Programme**



**Training for Kisan Mitra under KVK-ATMA Convergence**





**A View of VTP Training**



**A View of VTP Exam on Seed Production**



**A View of In-Service Training**



**In Service Training for RAEOs**





### Vocational Training for Farm Women



### Training under KVK-ATMA Convergence Programme



### Sponsored Training by Agriculture Engineering Deptt.



29 06 2013

### Sponsored Training by Agriculture Engineering Deptt.



30 06 2013



**Hon'ble DG(ICAR), Hon'ble VC & Director, DSR Visit at KVK Ujjain on 22-02-2014**



**Hon'ble DG(ICAR) visiting the Kitchen Garden of KVK Ujjain**



**Hon'ble DG(ICAR) taking feedback of E-Lab and KMA of KVK Ujjain**



**Hon'ble DG(ICAR) addressing the house at KVK Ujjain**





**Field Day on Soybean Celebrated at Village Salakhedi**



**Soybean Field Day Celebrated at Village Salakhedi**



**Field Day on Mustard Celebrated at Pipliyahama**



**A View of Field Day-Gram**





**Field Day on Wheat Celebrated at Village Salakhedi**



**Field Day on Wheat Celebrated at Village Salakhedi**



**Field Day on Blackgram Celebrated at Village Naugawan**



**Field Day on Blackgram Celebrated at Village Naugawan**





## A view of Kisan Mela



## A View of KVK Stall at Farmers Fair organised by ATMA



## Kharif Krishak Sangoshti organized at Village Dandhadabhalla



## Rabi Krishak Sangoshti Organized at Village Talod





**A View of Technology Week Celebration**



**Demonstration of Improved Farm Machinery(CIAE) during Tech. Week**



**Visit of JDA, Ujjain and Farmers to Kitchen Garden of KVK Ujjain during Tech. Week**



**Farmers Visiting Crop Cafeteria during Technology Week Celebration**





**Parthenium Awareness Week Celebration at Village Salakhedi**



**Awareness Rally of Children organized during Parthenium Week**



**Animal Health Camp Organized at Village Kankariyachand**



**Veterinary Surgeon Examining Calf during Animal Health Camp**





**A View of SAC Meeting**



**A View of SAC Meeting**



**Farmers Group visit to KVK**



**Farm Women Group Exposure Visit to KVK**





**JICA team With DES, RVSKVV Visiting Kitchen Garden of KVK Ujjain**



**Meeting of JICA team with Farmers at Village Jalakhedi**



**Internal Meeting of APC at KVK Ujjain**



**Hindi Pakhwara organized to Encourage the Use of Hindi**





**Krishak Sangoshti organized under KVK-ATMA Convergence Programme**



**Exposure Visit of Farmers**



**A View of Interface**



**Exposure Visit of Farmers to KVK**





**Sh. Rajendra Singh Rajput, Board Member, RVSKVV visit KVK Ujjain**



**Visit of Dr. A.K.Tiwari, Joint Director Pulses, Ministry of Agriculture, GOI**



**Visit of AICRP Team to KVK Ujjain**



**A View of Dr. Anupam Mishra, ZPD, Zone VII(ICAR) visit**





**AICRP team visited KVK Ujjain**



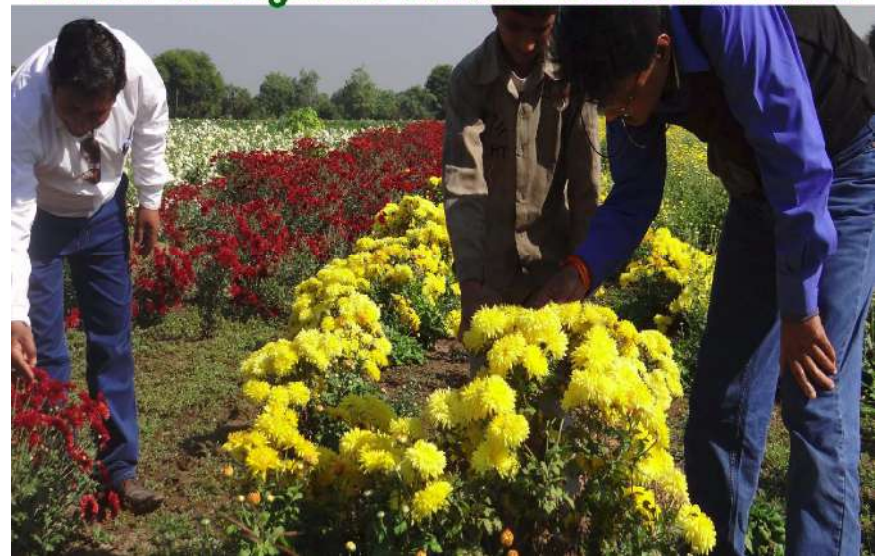
**Diagnostic Visit at Farmers Field**



**A View of Diagnostic Visit**



**A View of Diagnostic Visit at Flouriculture Field**





**Diagnostic Visit of Scientists to Hailstorm affected Crops**



**Diagnostic Survey of Hailstorm affected Crop(Wheat)**



**Buyers-Seller Meet for Saffron organized by SKAUT, Kashmir at KVK Ujjain**



**Buyers-Seller Meet for Saffron organized by SKAUT, Kashmir at KVK Ujjain**



## **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. Gray 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 Horse gram, 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.

**OFT Note-**

- \* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.**
- \*Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.**
- \*Don't press enter key to navigate among column use arrow or tab key**
- \*don't add space before or after statement within the table cell**

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