ANNUAL PROGRESS REPORT

April 2018 to March 2019

Krishi Vigyan Kendra, Ujjain

(Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior)

Contents

Instructions for Filling the Format

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

REPORTING PERIOD – April 2018 to March 2019

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2018-19

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	**On Farm Testing**			
	Proposed OFT	14	885	
	On Going OFT	02	10	
	Technologies assessed (Completed OFT)	13	778	
	Technologies refined	00	00	
	On farm trials conducted	15	788	
2	**Frontline demonstrations**			
	Proposed Frontline demonstrations	102.2	311	
	On Going Frontline demonstrations	2	24	
	FLDs conducted on crops	21	429	
	Area under crops (ha.)	159.6	429	
	FLD on farm implement and tools	2	35	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	1	12	
	FLD on Fisheries - Finger lings	0	0	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	0	0	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	7	95	
3	**Training programmes**	**No. of Course**	**Duration (days)**	**Participants**
	Farmers	46	46	1259
	Farm women	12	12	200
	Rural youth	05	05	121
	Extension personnel/ In service	02	02	98
	Vocational trainings	00	00	00
	Sponsored Training	07	07	515
	Total	72	72	2193
		No. of programmes	**Participants**	
4	**Extension Programmes**	410	52414	
5	**Production of technology inputs etc**	**Qty**	**Beneficiaries (nos.)**	
	Seed (qt.)	814.13	76	
	Planting material produced (nos.)	4670	79	
6	**Livestock**	**Qty**	**Beneficiaries (nos.)**	
	Livestock strains (Nos)	33	19	
	Milk Yield - Cow, Buffelo etc. (in liter)	5717.73	19	
	Fish (Kg.)	0	0	
	Fingerlings (nos.)	0	0	
	Poultry-Eggs (nos.)	0	0	
	Ducks (nos.)	0	0	
	Chicks etc. (nos.)	0	0	
7	**Bio Products**	**Qty**	**Beneficiaries (nos.)**	
	Bio Agents -Earth worm (Kg.)	0	0	
	Trichoderma (kg.)	00	0	
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc.	**30000**	0	

	(Kg.)		
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)	**0**	0
8	**Any other significant achievement in the Zone**	**Nos.**	**Participants/ beneficiaries**
	Award (Best KVK award and scientist and farmer's award)	3	14
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	1	09
	KVK News letter	4	1000
	SAC Meetings conducted	2	93
	Soil sample tested	800	800
	Water sample tested	0	0
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	7	204
	KVK-KMA (Message and beneficiaries)	75	33497
	Convergence programmes	06	152
	Sponsored programmes	07	515
	KVK Progressive Farmers interaction	02	74
	No. of Technology Week Celebrations	0	0
	Attended HRD activities organized by ZPD	4	15
	Attended HRD activities organized by DES	6	10
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	6	6
9	Current status of Revolving Funds (Amt. in Rs.)	717232	
		No. of blocks	**No. of villages**
10	Outreach of KVK in the District	6	1096
		ICAR	**SAU** / **Others**
11	No. of important visitors to KVK (nos.)	2	4 / 5
		Working (Yes/No)	**No. of Update**
12	Status of KVK Website	YES	410
		Application received	**Application disposed**
13	Status of RTI (nos.)	0	0
		Query received	**Query dissolved**
14	Citizen Charter (nos.)	0	0
		Working (Yes/No)	**No. of programme viewed**
15	E-connectivity	YES	00
		Filled	**Vacant**
16	Staff Position	12	04
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	10	
18	Publication received from ICAR /other organization (nos.)	25	
		Particulars	**Organization**
19	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	02	04
20	Activities performed in Satellite Village on DFI	**Nos. of Activities**	**Participants/ beneficiaries**
		18	158
21	Activities performed in Nutri Smart Village	**Nos. of Activities**	**Participants/ beneficiaries**
		126	794
22	Activities performed in Sansad Adarsh Gram	**Nos. of Activities**	**Participants/ beneficiaries**
		00	00

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2019

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

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./ Temp.	Category
Ujjain	Programme Coordinator	Dr. R.P.Sharma	Extension	Ph.D.	Agril. Extn.	37400-67000 + 10000	69490	06-01-2017	Perm.	Others
Ujjain	Subject Matter Specialist1	Sh.D.K.Suryawanshi	Plant Protection	M.Sc.(Ag.)	Entomology	15600-39100+8000	26940	05-12-2016	Perm.	SC
Ujjain	Subject Matter Specialist2	Dr. S.K. Kaushik	Pl. Br. & Genet.	Ph.D.	Pl. Br. & Genet.	15600-39100 + 8000	35800	08.03.2007	Perm.	Others
Ujjain	Subject Matter Specialist3	Dr. D.S.Tomar	Agronomy	Ph.D.	Agronomy	15600-39100 + 8000	35800	28.03.2007	Perm.	Others
Ujjain	Subject Matter Specialist4	Dr.(Smt)Rekha Tiwari	Home Science	Ph.D.	Home Science	15600-39100 + 8000	35800	14.05.2007	Perm.	Others
Ujjain	Subject Matter Specialist5	Sh.Hansraj Jatav	Extension	M.Sc.(Ag.)	Agril. Extn.	15600-39100+6000	24320	01-09-2014	Perm.	SC
Ujjain	Subject Matter Specialist6	Vacant	-	-	-	-		-	-	-
Ujjain	Programme Assistant	Sh. Rajendra Gawali	Soil Science	M.Sc. (Ag.)	Soil Science	9300-34800 + 4600	21090	28.02.2011	Perm.	ST
Ujjain	Farm Manager	Er. L.K. Jain	Agril. Engg.	B.Tech.	Agril. Engg.	15600-39100 + 5400	31400	16.05. 2005	Perm.	Others
Ujjain	Computer Programmer	Smt. Ghazala Khan	Computer Science	M.Sc.(Chem) & (CS)	Computer Science	15600-39100 + 5400	23070	01.04. 2008	Perm.	Others

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	Accountant / superintendent	Sh. Ajay Gupta	Commerce	M.Com.	-	9300-34800+3600	13830	19-12-2016	Temp.	Others
Ujjain	Stenographer	Vacant	-	-	-	-		-	-	-
Ujjain	Driver	Sh..Chandan Singh	-	-	-	9300-34800 + 3200	18280	10.8.2004	Perm.	OBC
Ujjain	Driver	Rajesh Verma	-	-	-	5200-20200 + 1900	10230	11.07.2008	Perm.	Others
Ujjain	Supporting staff	Vacant	-	-	-	-	-	-	-	-
Ujjain	Supporting staff	Vacant	-	-	-	-	-	-	-	-

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

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

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

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Ujjain	Semaliyabibi	2012	Ghatiya	25	300	154
Ujjain	Bichhrod	2012	Ghatiya	32	6000	800
Ujjain	Piplyahama	2012	Ghatiya	30	600	350
Ujjain	Salakhedi	2012	Ghatiya	32	662	100
Ujjain	Kankariya Chand	2012	Tarana	36	600	102
Ujjain	Borekhedi	2013	Ghatiya	27	400	200
Ujjain	Bihariya	2013	Ghatiya	23	800	325
Ujjain	Motipura	2013	Ghatiya	21	400	68
Ujjain	Nalwa	2013	Ujjain	18	800	136
Ujjain	Chakrawda	2014	Ghatiya	15	1000	325
Ujjain	Bandka	2014	Ghatiya	20	410	200
Ujjain	Panbihar	2014	Ghatiya	22	3000	800
Ujjain	Barotikhedi	2014	Ghatiya	30	300	100

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Ujjain	Kaluheda	2014	Ghatiya	25	1200	600
Ujjain	Palkhanda	2014	Ujjain	18	2000	360
Ujjain	Narwar	2014	Ujjain	15	5400	1040
Ujjain	Matana	2014	Ujjain	10	2000	400
Ujjain	Ninora	2014	Ujjain	10	3000	500
Ujjain	Kanipur	2015	Ujjain	10	2500	150
Ujjain	Nahriya	2015	Ujjain	12	1200	240
Ujjain	Rudahera	2015	Ujjain	15	4000	724
Ujjain	Bisakhedi	2015	Ujjain	20	1500	340
Ujjain	Khajuriya sadar	2015	Ujjain	25	3500	700
Ujjain	Guradiya gurjar	2015	Ujjain	80	4000	800
Ujjain	Maravda	2016	Ujjain	80	6000	1200
Ujjain	Maravdi	2016	Ujjain	80	1100	275
Ujjain	Narsinghgar	2016	Ujjain	85	1200	280
Ujjain	Badagaoun	2016	Ujjain	85	5000	1100
Ujjain	Gothra	2016	Ujjain	8	700	150
Ujjain	Chandmukh	2016	Ujjain	9	1200	240
Ujjain	Daudkhedi	2016	Ujjain	10	1000	200
Ujjain	Sikandari	2016	Ujjain	9	1200	240
Ujjain	Ranahera	2016	Ujjain	28	1500	375

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

KVK Name	THRUST AREA
Ujjain	Sowing geometry of crops like soybean, wheat, gram etc
Ujjain	Need of IPNMs (Zinc & Sulphur) which reduces crop yield.
Ujjain	Promotion of crop, variety & agricultural diversification.
Ujjain	Integrated Weed Management.
Ujjain	Use of high yielding wilt resisting variety in Gram.
Ujjain	Use of IPM module in high value crops like soybean, gram and vegetable crops.
Ujjain	Nursery management, Varietal promotion & appropriate planting methods for horticultural crops.
Ujjain	Promotion of new agricultural implements.
Ujjain	Drudgery Reduction, health and hygiene promotion in rural women.
Ujjain	Agri-based entrepreneurship development among rural youth.

KVK Name	THRUST AREA
Ujjain	Capacity building and group dynamics.
Ujjain	Care & maintenance, disease, Feeding & fodder management in live stock.
Ujjain	Value addition processing Fruit and vegetable & preservation.
Ujjain	Need of Natural Resource Management i.e. soil & water
Ujjain	Technology needs in climatic resilience

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Ujjain	Problem of termite attack in wheat.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Use of wilt susceptible exotic Kabuli strain.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Lack of seed treatment in Potato.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	High seed rate and closer spacing in soybean.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Improper maintenance and care of milch animal.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Lack of agriculture and crop diversification.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Lack in concept for nursery and its management of horticulture crops.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Mismanagement of soil and water resources. Poor awareness of the conservation practices.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Rare use of micro nutrients.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Mal nutrition in children and women. Drudgery in farm women.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Fruit, Vegetable preservation and processing/value addition.	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain
Ujjain	Low organic carbon in soil due to poor crop residue management	PRA, Observation and Discussion with Farmers	Barnagar, Ghatiya, Mahidpur, Tarana, Khanchrod & Ujjain

2. On Farm Testing (OFT)

Note-

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

Thematic Areas for OFT/FLD

Thematic Areas for OFT/FLD	Parameters Name and unit
OFT/FLD on Crops	
Agro Forestry	Yield q/ha
Crop Diversification	insect population/plant
Integrated Crop Management	No of pods/plant
Integrated Farming system	Disease incidence %
Integrated Disease Management	No of effective tillers/hill
Integrated Nutrient Management	Rhizome wt/Plant(g)
Integrated Weed Management	No of weeds/m2
Varietal Evaluation	Fruit wt(g)
Integrated Pest Management	No of Fruits/plant
Integrated Plant Nutrient Management	Fruit Length(cm)
Feed and Fodder Production	No of nodules/plant
Resource conservation Technology	% Insectitation
Soil Fertility Management	No of Cobs/plant
	No of Larvae/m2
	No of Panicles/m2
	No of Tillers/hills
	No of Bulb weight(g)
	No of Grains/panical
	No. of tubers/plant
	Weight of Curd/head (g/plant)
	No. of Siliquae or Capsule /plant

	Seedling Germination (%)
OFT/FLD on Agriculture Engineering	
Farm Mechanization	Yield (q/ha)
Resource Conservation Technology	Field Capacity (ha/hr)
Post-Harvest Management	Cleaning efficiency %
Storage loss minimization Technology	Cleaning Capacity q/hr
Small Farm Implements	weed population per m2
	tillers/plant
	water inefficiency
	irrigation efficiency
OFT/FLD on Animal Science	
Animal Feed / Fodder Management	**Milk yield (Lit/day/animal)**
Animal Disease Management	**change in body weight(kg)**
Animal Nutrition Management	**Egg Production/bird/year**
Livestock production & management	**% decrease in Worm**
Animal breed evaluation	**Parasite control (%)**
Poultry Production and management	**Body weight at 12 month (kg/goat)**
	Parasite occurrence (%)
	Live weight (kg/bird) at 12th Month
	Growth Rate (90 days)
	Yield q/ha (Fodder)
	Mortality %
	Feed intake
	% Disease infestation
OFT/FLD on Fisheries	
Fingerling Production in Seasonal Ponds	Yield (q/ha)
Composite Fish Farming	Yield (q/ha), ABW (kg)
Fish Nutrition	Survival Rate (%)
Fish-cum-Duck Farming	Disease incidence (%)
Fish Production & Management	
Fish Breeding	
Fish Seed Production	
Spawn to fry production	
Integrated Farming System	

2.1 Details of OFT on Crop

KVK name	Year/ Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Name of Technology/Variety used			Thematic Area	Crop Category	Name of Crop	Farming Situations	Target	No. of trials	Results (with parameter)			Net Returns (Rs./ha)		
					T1	T2	T3							FP (T_1)	RP (T_2)	T3	FP (T_1)	RP (T_2)	T3
Ujjain	2018 Kharif	Low yield due to old var. JS 9560 & aberrations in weather	Assessment of soybean production technology for higher productivity in soybean - chickpea cropping system	Assessment	T1: JS 95-60@ 80 kg/ha	T2 -Soybean variety JS 20-69/RVS 2001-4: Seed treatment with rhizobium culture, PSB culture, Thiomethoxam 30 %FS @10ml/kg seed weed management through Diclosulam; Spray of rynaxypyr 100 ml /ha, Yellow sticky traps 20/ha + Spray Thiomethoxam 25%WG @100ml/ha		Varietal Evaluation	Oilseed	Soybean	RF	10	10	11.20	14.64	16.07	16532	29805	34756
Ujjain	2018 Kharif	Low yield of system productivity in pigeonp	Assessment of pigeon pea variety TJT-501 and Pusa-	Assessment	T1 : variety Asha	T2:Variety TJT 501	T3: Variety Pusa 992	Varietal Evaluation	Pulse	Pigeon pea	RF	5	5	7.06	11.35	10.55	24104	39573	36336

KVK name	Year/ Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Name of Technology/Variety used			Thematic Area	Crop Category	Name of Crop	Farming Situations	Target	No. of trials	Results (with parameter)			Net Returns (Rs./ha)		
					T1	T2	T3							FP (T_1)	RP (T_2)	T3	FP (T_1)	RP (T_2)	T3
		ea + Wheat cropping system	992 for early maturity.																
Ujjain	2018 Kharif	Poor infiltration of water due to hard clay pan	Assessment of Sub Soiler for better infiltration and drainage	Assessment	T1:FP-Nil		T3- Use of sub soiler at 15 meter	Resource conservation Technology		Soybean	RF	5	5	10.3	15.8	14.6	20640	38540	33980
Ujjain	2018 Kharif	Low yield of Soybean due to YVM	Assessment of IPM practices for the YVM management in Soybean	Assessment	Propanofos	Seed Treatment with Thiomethoxam 30FS@10ml/ Kg of Seed + Yellow Stricky traps @ 20/ha + Spray thiomethoxam 25WG@ 100 ml/ha		Integrated Pest Management	Oilseed	Soybean	RF	5	5	12.78	15.20		27120	35800	
Ujjain	2018 Kharif	Low yield of local maize	Assessment of Red maize for yield with maturity	Assessment	T1-FP Desi Makka	T 2- Lal Makka		Varietal Evaluation	Crop	Maize	RF	5	8	33.75	39.95		23928	29501	
Ujjain	2018-19 Rabi	Low yield due to limited	Assessment of Wheat Production technology	Assessment	T1-FP HI-8663	T 2- Variety Pusa Tejas [HI 8759]	T3: Variety Pusa Mangal	Varietal Evaluation	Oilseed	Wheat	Irrigated	10	10	53.39	61.48	56.21	88078	102170	91629

KVK name	Year/ Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Name of Technology/Variety used			Thematic Area	Crop Category	Name of Crop	Farming Situations	Target	No. of trials	Results (with parameter)			Net Returns (Rs./ha)		
					T1	T2	T3							FP (T_1)	RP (T_2)	T3	FP (T_1)	RP (T_2)	T3
		irrigation	in soybean – wheat cropping system.																
Ujjain	2018-19 Rabi	Low yield due to traditional variety	Assessment of Wheat variety Pusa Anmol for high yield.	Assessment	T1-FP (Variety Lok-1)	T2- Variety HI-8737 (Pusa Anmol)	T3- Variety HI-8663 (Poshan)	Varietal Evaluation	Cereal	Wheat	Irrigated	5	5	50.60	65.98	62.85	82841	111354	105096
Ujjain	2018-19 Rabi	Low yield due to limited irrigation	Assessment of potassium chloride to mitigate terminal drought	Assessment	T1-FP HI-8663	T 2- Mulch	T3:KCl @1%	Integrated Crop Management	Crop	Wheat	Irrigated	5	5	42.50	45.80	51.30	61700	66772	76892
Ujjain	2018-19 Rabi	Low Yield due infestation of Helicoverpa	Assessment of IPM practices for helicoverpa management in chickpea	Assessment	Choloripyriphos	Chlorantraniliprone @ 100 ml/ha		Integrated Pest Management	Pulse	Chickpea	Irrigated	5	5	13	15		31900	41000	
Ujjain	2018-19 Round the year	Deteriorating soil organic carbon content	Assessment of Bio-waste decomposer for quality organic	Assessment	Dumping of farm waste and residue in pit	1.250 gm consortium sufficient to decompose 10, 000 metric tonnes of		Natural Resource Management				5	5	awaited					

KVK name	Year/ Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Name of Technology/Variety used			Thematic Area	Crop Category	Name of Crop	Farming Situations	Target	No. of trials	Results (with parameter)			Net Returns (Rs./ha)		
					T1	T2	T3							FP (T_1)	RP (T_2)	T3	FP (T_1)	RP (T_2)	T3
			product to enhance soil health		exposed in extreme weather condition	waste in 30 days. 2. Mass Multiplication Mix 2 kg of jaggery in 200 litre of water in a container and stir well. Open the bottle and pour the contents of bottle into the solution (avoid direct contact of contents with hands). · Stir the contents of the container and cover it with a paper/cardboard etc and stir it daily once within 4 days the material is ready														
Ujjain	2018-19 Round the Year	Low income due to	Assessment of IFS Model for	Assessment	No use of IFS Model	Recommended IFS Module		Integrated Farming				5	5	awaited					

KVK name	Year/ Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Name of Technology/Variety used			Thematic Area	Crop Category	Name of Crop	Farming Situations	Target	No. of trials	Results (with parameter)			Net Returns (Rs./ha)		
					T1	T2	T3							FP (T_1)	RP (T_2)	T3	FP (T_1)	RP (T_2)	T3
		lacunae of agro-bio diversification	higher and sustainable income					system											

Recommendations of OFTs

Recommendations		
Title of OFT	**For Farmers**	**For Deptt. Personnel**

2.2 Economic Performance

OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
	Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP(T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)
Assessment of soybean production technology for higher productivity in soybean - chickpea cropping system	Yield q/ha			18740	20700	20700	35272	50505	55456	16532	29805	34756	1.88	2.44	2.68
Assessment of pigeon pea variety TJT-501 and Pusa-992 for early maturity.	Yield q/ha			4500	7000	6960	28604	46573	43296	24104	39573	36336	6.36	6.64	6.21
Assessment of Sub Soiler for better infiltration and drainage	Yield q/ha				19000	21500	20000	39140	60040	NA	20640	38540	33980	2.1	2.8

OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
	Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP(T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)
Assessment of IPM practices for the YVM management in Soybean	Yield q/ha			24000	25000		51120	60800		27120	35800		1.13	1.43	
Assessment of Red maize for yield with maturity	Yield q/ha				21862.5	24500		45790.68	54000.95		23928.18	29500.95		2.09	2.21
Assessment of Wheat Production technology in soybean – wheat cropping system.	Yield q/ha			18710	20800	20800	106788	122970	112429	88078	102170	91629	5.71	5.91	5.41
Assessment of Wheat variety Pusa Anmol for high yield.	Yield q/ha			18360	20600	20600	101201	131954	125696	82841	111354	105096	5.51	6.41	6.10
Assessment of potassium chloride to mitigate terminal drought	Yield q/ha				16500	17500	17500	78200	84272	94392	61700	66772	76892	4.7	4.8
Assessment of IPM practices for helicoverpa management in chickpea	Yield q/ha				24000	25000		55900	66000		31900	41000		1.33	1.64
Assessment of Bio-waste decomposer for quality organic product to enhance soil health	Awaited														
Assessment of IFS Model for higher and sustainable income	Awaited														

2.3 Details of OFT on Agriculture Engineering

KVK name	Year/Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Name of Technology used			Thematic Area	Crop/Enterprise Category	Crop/ enterprise	Farming Situations	Target	No. of trials	Results (with parameter)			Net Returns (Rs./ha)		
					T1	T2	T3							FP (T_1)	RP (T_2)	T3	FP (T_1)	RP (T_2)	T3

Recommendations of OFTs

Recommendations		
Title of OFT	For Farmers	For Deptt. Personnel

2.4 Economic Performance

OFT Title	Parameters				Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
	Name and unit of Parameter	FP (T_1)	RP (T_2)	(T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP(T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)

2.5 Details of OFT on Animal Science

KVK name	Year/season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Name of Technology used			Thematic Area	Category of Enterprise	Name of Enterprise	Target	No. of trials	Results (with parameter)			Net Returns (Rs./ha)		
					T1	T2	T3						FP (T_1)	RP (T_2)	T3	FP (T_1)	RP (T_2)	T3

Recommendations of OFTs

Recommendations		
Title of OFT	For Farmers	For Deptt. Personnel

2.6 Economic Performance

OFT Title	Parameters				Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
	Name and unit of Parameter	FP (T_1)	RP (T_2)	(T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP(T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)

2.7 Details of OFT on Fisheries

KVK Name	Year/ Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Name of Technology used			Thematic Area	Category of Enterprise	Name of Enterprise	Target	No. of trials	Results (with parameter)			Net Returns (Rs./ha)		
					T1	T2	T3						FP (T_1)	RP (T_2)	T3	FP (T_1)	RP (T_2)	T3

Recommendations of OFTs

Recommendations		
Title of OFT	For Farmers	For Deptt. Personnel

2.8 Economic Performance

OFT Title	Parameters				Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
	Name and unit of Parameter	FP (T_1)	RP (T_2)	(T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP(T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)

2.9 Details of OFT on Agriculture Extension

S.No	KVK Name	Season & Year	Problem identified	Title of OFT	Thematic Area	Name of Technology assessed	Source of Technology (Year)	Farmers Practice (T_1)	Assessed Rec. Practice (T_2)	Refined practice, if Any (T_3)	Variety	No. of Village	No. of Trials (Replication)
1	Ujjain	2018-19	Poor knowledge and adoption SHC based recommendation	Assessment of knowledge and adoption of soil health card based fertilizer application	Adoption	Government Scheme	MANAGE (2017)	Farmers are not using fertilizer as per SHC recommendation	Farmers adopted soil test value	NA	NA	15	600

Recommendations of OFTs

Recommendations		
Title of OFT	For Farmers	For Deptt. Personnel

2.10 Performance of OFT

KVK Name	Name of parameter			Data on the parameter			Result of assessment
	1	2	3	1	2	3	
Ujjain	Knowledge of farmers regarding application of fertilizer on the basis of soil health card.	Adoption level of farmers regarding application of fertilizer on the basis of soil health card.	Attitudes of farmers towards soil health card programme.	See result table-1	See result table-2	See result table-3	1. Majority of farmer had medium level of knowledge

Table-1 Distribution of respondent according to knowledge level about soil health card

S.N.	Category	Respondents	
		Frequency	Percentage
1	Very low (0-20 Score)	105	17.50
2	Low (21-40 Score)	122	20.33
3	Medium (41-60 Score)	249	41.50
4	High (61-80 Score)	96	16.00
5	Very High (Above 81 Score)	26	4.33
	Total	600	100

Table-2 Distribution of respondent according to extent of adoption of soil health card recommendation

S.N.	Extent of adoption categories	Adopters of SHC recommendation	
		Frequency	Percentage
1	Less adoption	276	46.00
2	Recommended level of adoption	196	32.66
3	Excess adoption	128	21.33
	Total	600	100

Table-3 Distribution of respondent according to their attitude about soil health card

S.N.	Category	Respondents	
		Frequency	Percentage
1	Most unfavourable (up to 14.4 score)	114	19.00
2	unfavourable (14.4– 20.8 score)	111	18.50
3	Neutral(20.8 – 27.2 score)	162	27.00
4	favourable (27.2 – 33.6 score)	182	30.33
5	Most favourable (above 33.6 score)	31	5.16
	Total	600	100

Table-4

Feedback of the farmers

S.N.	Category	Respondents	
		Frequency	Percentage
1	Crop wise recommended dose of fertilizer should be given	96	16.00
2	Availability of micronutrient status should be displayed	102	17.00
3	SHC should be issued prior to crop season	86	14.33
4	Farmer should be trained to take soil sample of its own soil.	136	22.66
5	Block level Soil testing laboratory should be started with highly qualified supporting staff.	154	25.66
6	Soil sampling procedure should be done in presence of farmer.	26	4.33
Total		600	100.00

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

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations
Ujjain	2018-19	Rabi	Less knowledge about nutrition and its role	Assessment of Nutritional Knowledge through Nutritional Game	Assessment	Malnutrition	Nutritional Game	Technology	Farming / Enterprise Situation	20	Very useful for the rural community specially for women and adolescent girls for upgrading the knowledge about nutrition and its role in daily diet

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

KVK name	OFT Title					Performance Indicator / Parameter									
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

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

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

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

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

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

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Ujjain	Assessment of Nutritional Knowledge through Nutritional Game	Existing Knowledge About the Nutrition	Nutritional Game													Disease-3(15.00%)	Disease-18(90.00%)		
																Symptoms-4 (20.00%)	Symptoms-17 (85.00%)		
																Food Stuff--5(25.00%)	Food Stuff-16 (80.00%)		

2.12 Feedback from KVK to Research System

Name of KVK	Feedback
Ujjain	1. Farmers sown both varieties namely JS 20-34 and NRC-86 as new variety. New variety JS 20-34 given higher yield over NRC-86 and JS 95-60. Hence farmer's preferred JS 20-34 for ensuing kharif-2018.
Ujjain	2. Farm Implement should be promoted for minimize the labour cost and maximum farm income.
Ujjain	3. Use of pusa hydrogel for increase the soil moisture achieves the higher crop production.
Ujjain	4. Nutritional Game for updating the knowledge highly appreciated by the farm women. The technique was quite simple and effective at rural level . Very much useful for the ICDS dept. for diffusing the knowledge regarding nutritional aspect as the Anganwadi Karykarta were daily tackle the problems of malnutrition at rural level.

3. Achievements of Frontline Demonstrations (FLD)

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

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

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Ujjain	Chickpea	Integrated Crop Management	• Improved Variety & Seed rate • Maintain recommended plant geometry. • Use of quality certified seeds with basic parameters intact. • Judicious use of fertilizer/INM and IPM • Seed treatment & seed inoculation. • seed production at their own farm • Judicious use of insecticides. • New varieties, JGK-3, Kripa, KAK-2, JG-130,RVSKG-102,JG16, RVSKG 102.JAKI-9218	• Demonstration • Campaign • Krishak Sangoshti • Wide publicity through print, electronic media • Training • Seed Sample display • News Paper coverage	249	5211	27254
Ujjain	Wheat	Integrated Nutrient Management + Integrated Pest Management	• Improved Variety & Seed rate.GW-366, Raj 3765, HI-1544.HI1531, Raj3777.Poshan, Pusa Mangal. • Use of quality seeds • Judicious use of fertilizer/INM with S & Zn • seed production on their own farm • Judicious and economic use of Irrigation water. • Need based and cyclic use of novel herbicides. • Practice SRI in wheat particularly by small farmers.	• Demonstration • Campaign • Krishak Sangoshti • Wide publicity through print, electronic media • Training • Seed Sample display • News Paper coverage	561	17850	96900
Ujjain	Mustard	Integrated Crop Management	• Introduction of Pusa Agrani, Pusa-Jaikisan and RVM-2. • use of quality seeds	• Demonstration • Campaign • Krishak Sangoshti	77	962	2506

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
		+Integrated Nutrient Management	• Judicious use of fertilizer/INM with S & Zn.	• Wide publicity through print, electronic media • Training • Seed Sample display • News Paper coverage			
Ujjain	Soybean	Integrated Crop Management	• Variety wise Seed rate • Maintain plant population/spacing • use of quality seeds • Judicious use of fertilizer/INM with S & Zn • weed management • seed treatment & seed inoculation • seed production on their own farm • Judicious use of insecticides • Potassium, boron and sulphur nutrition. • Resource conservation technology through deep ploughing and raised bed planting.	• Demonstration • Campaign • Krishak Sangoshti • Wide publicity through print, electronic media • Training • Seed Sample display • News Paper coverage	352	18258	97410
Ujjain	Marigold	Integrated Crop Management	• Introduction of Pusa Narangi, Pusa-Arpita. • Nursery management, use of low tunnel poly house. • Raised bed planting.	• Demonstration • Campaign • Krishak Sangoshti • Wide publicity through print, electronic media • Training • Seed Sample display • News Paper coverage	23	276	384

Note-

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

3.2 Details of FLDs on Crop to be implemented during 2018-19

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprizes	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Ujjain	2018	Kharif	Integrated Crop Management	Full package (CFLD)	Soybean	JS-2029, JS2069	40	13.2	17.8	34.8	35	-	45	20	100
Ujjain	2018	Kharif	INM	Liquid bio-fertilizers to enhance BNF	Soybean	Liquid bio-fertilizer	04	10.8	12.6	16.7	4	-	3	3	10
Ujjain	2018	Kharif	In situ moisture conservation in soybean	Raised bed planting	Soybean	JS-9560	10	11.3	17.6	55.75	02	-	14	09	25
Ujjain	2018	Kharif	Resource Conservation Technology	Broad bed and Furrow planting	Soybean	JS-9560	04	11.5	16.8	46.08	01	-	07	02	10
Ujjain	2018	Kharif	IPM	Demonstration of Indoxacarb 14.5SC @500 ml/ha for defoliator management in soybean	Soybean	JS-95-60	5.0	11.2	15.1	34.8	03	0	05	04	12
Ujjain	2018	Kharif	IPM	Demonstration of Buveria bassiana @2.5 kg/ha. Corn borer in maize	Maize	NK-6240	2.0	39.5	46.8	18.5	02	0	04	04	10

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprizes	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Ujjain	2018	Kharif	Integrated Crop Management	Full package	Green gram	TJM-3	13.6	7.50	11.6	54.6	10	-	11	13	34
Ujjain	2018	Kharif	Varital Evaluation	Variety JS 2029 Seed@ 75 Kg/ha	Soybean	JS 2029	1	11.26	15.56	38.1	2	0	2	1	5
Ujjain	2018-19	Rabi	Integrated Crop Management	Full package	Mustard	RVM-2, RH-749, JM-3	10	11.9	15.4	29.4	05	-	10	10	25
Ujjain	2018-19	Rabi	Integrated Crop Management	Full package	Chickpea	JG-14, Kripa and JAKI9218	40	12.5	16.4	31.2	15	-	60	25	100
Ujjain	2018-19	Rabi	Integrated Disease Management	Demonstration of tricoderma virde seed treatment followed by use of pseudomonas fluorescent 35 DAS for wilt disease management in gram	Chickpea	JG-11	05	11.5	13.7	19.1	02	0	06	04	12
Ujjain	2018-19	Rabi	Integrated Nutrient Management	Molybdenum 1 gm/Kg of Seed	Chickpea	JG-130	05	12.8	14.3	11.7	04	-	07	01	12
Ujjain	2018-19	Rabi	Varietal Evaluation	DBW-110)	Wheat	DBW-110	04	53.3	59.9	12.31	03	-	06	03	10
Ujjain	2018-19	Rabi	Weed Management	Clodinofop (60g) + Metsulfuron 4g /ha	Wheat	HI-8663	05	46.5	52.7	13.3	02	-	05	04	12
Ujjain	2018-19	Rabi	Integrated Crop Management	Pusa Hydrogel	Wheat	HI-8663	02	39.7	42.5	7.05	01	-	02	02	05
Ujjain	2018-19	Rabi	Integrated Nutrient Management	IPNS in potato N: P: K (180:80:100) + 250-300 qtl. FYM	Potato	Kufri Chipsona-1	01	178	217	21.9	02	-	01	02	05

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entreprizes	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Others	General	Total
Ujjain	2018-19	Rabi	Integrated Pest Management	Demonstration of Spinosad 45%SC 100 ml/ha for thrips control in garlic	Garlic	G-282	5	90.7	107.2	18.2	02	0	06	04	12
Ujjain	2018-19	Rabi	Varietal Evaluation	Kabuli Variety RVSKG-102 Seed @ 100 Kg/ha	Chickpea	RVSKG-102	1	9.21	15.3	66.16	2	0	3	0	5
Ujjain	2018-19	Rabi	Varietal Evaluation	Variety RVG-202 Seed @75Kg/ha	Chickpea	RVG-202	2	11.09	17.55	58.31	0	0	0	5	5
Ujjain	2018-19	Rabi	Varietal Evaluation	Variety HI-8713 (Pusa Mangal)	Wheat	HI-8713 (Pusa Mangal)	2	51	56.04	9.88	2	0	6	2	10
Ujjain	2018-19	Rabi	Varietal Evaluation	Variety RVW-4106 Seed @ 100 Kg/ha	Crop	Wheat	3	51	56.16	10.12	2	0	6	2	10

3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Ujjain	Full package (CFLD)	Soybean	Yield	13.2	17.8	23375	25350	50160	67640	26785	42290	2.15	2.67
Ujjain	Liquid bio-fertilizers to enhance BNF	Soybean	Yield	10.8	12.6	21600	22750	41040	47880	19440	25130	1.90	2.10
Ujjain	Raised bed planting	Soybean	Yield	11.3	17.6	21250	22300	42940	66880	21690	44580	2.02	3.00

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Ujjain	Broad bed and Furrow planting	Soybean	Yield	11.5	16.8	21470	22375	43700	63840	22230	41465	2.04	2.85
Ujjain	Demonstration of Indoxacarb 14.5SC @500 ml/ha for defoliator management in soybean	Soybean	Yield	11.2	15.1	21200	23200	42560	57380	21360	34180	2.01	2.47
Ujjain	Demonstration of Buveria bassiana @2.5 kg/ha. Corn borer in maize	Maize	Yield	39.5	46.8	25800	27250	67150	79560	41350	52310	2.60	2.92
Ujjain	Full package	Green gram	Yield	7.50	11.6	21500	23100	31500	48720	10000	25620	1.47	2.11
Ujjain	Variety JS 2029 Seed@ 75 Kg/ha	Soybean	Yield q/ha	11.26	15.56	18280	20540	38298.96	52889.04	20019	32349	2.09	2.58
Ujjain	Full package	Mustard	Yield	11.9	15.4	19500	21650	42840	55440	23340	33790	2.20	2.56
Ujjain	Full package	Chickpea	Yield	12.5	16.4	20670	22500	57750	75768	37080	53268	2.79	3.37

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Ujjain	Demonstration of tricoderma viride seed treatment followed by use of pseudomonas fluorescent 35 DAS for wilt disease management in gram	GRAM	Yield	11.5	13.7	20500	21300	53130	63294	32630	41994	2.59	2.97
Ujjain	Molybdenum 1 gm/Kg of Seed	Chickpea	Yield	12.8	14.3	20500	21250	59136	66066	38636	44816	2.88	3.11
Ujjain	DBW-110)	Wheat	Yield	53.3	59.9	21750	23600	85400	107000	63650	83400	3.93	4.53
Ujjain	Clodinofop (60g) + Metsulfuron 4g /ha	Wheat	Yield	46.5	52.7	21750	23600	93000	105400	71250	81800	4.28	4.47
Ujjain	Pusa Hydrogel	Wheat	Yield	39.7	42.5	21750	23600	79400	85000	57650	61400	3.65	3.60
Ujjain	IPNS in potato N: P: K (180:80:100) + 250-300 qtl. FYM	Potato	Yield	178	217	48000	53200	133500	162750	85500	109550	2.78	3.06

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Ujjain	Demonstration of Spinosad 45%SC 100 ml/ha for thrips control in garlic	Garlic	Yield	90.7	107.2	45000	49000	317450	375200	272450	326200	7.05	7.66
Ujjain	Kabuli Variety RVSKG-102 Seed @ 100 Kg/ha	Chickpea	Yield q/ha	9.12	12.25	19200	22740	46961.82	63087.5	27761.82	40347.5	2.45	2.77
Ujjain	Variety RVG-202 Seed @75Kg/ha	Chickpea	Yield q/ha	11.09	17.55	18180	20540	51215	81081	33035	60541	2.82	3.95
Ujjain	Variety HI-8713 (Pusa Mangal)	Wheat	Yield q/ha	51.00	56.04	18355	20755	101997	112075	83643	91321	5.56	5.40
Ujjain	Variety RVW-4106 Seed @ 100 Kg/ha	Crop	Yield q/ha	51.00	56.16	18355	20764	101997	112319	83643	91555	5.56	5.41

3.4 Details of FLDs on Agriculture Engineering to be implemented during 2018-19

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_1)	RP (T_2)		SC	ST	Others	General	Total
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.5 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters	Cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)

			Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.6 Details of FLDs on Animal Science to be implemented during 2018-19

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_1)	RP (T_2)		SC	ST	Others	General	Total
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.7 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.8 Details of FLDs on Fishery to be implemented during 2018-19

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_1)	RP (T_2)		SC	ST	Others	General	Total
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.9 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.10 Details of FLDs on Agriculture Extension to be implemented during 2018-19

KVK Name	Season & Year	Problem identified	Title	Thematic Area	Source of Technology (Year)	Detail of Technology Demonstrated	Area (ha)	FP (T_1)	RP (T_2)	Variety	No. of Village	No of Demonstration	No. of farmers				
													SC	ST	Others	General	Total

3.11 Impact of FLD

KVK Name	Name of parameter			Data on the parameter			Result	Feedback from the farmer
	1	2	3	1	2	3		

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

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/ Technology/ Entreprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Ujjain	2018-19	Kharif	Malnutrition	Less awareness about the Nutritional Knowledge	Vegetable Soybean-	Crop-Soybean	Karune	Crop	Backyard	18
Ujjain	2018-19	Kharif	Malnutrition	Less awareness about the Nutritional Knowledge	Seasonal Vegetables : Spinach, Coriander, Onion, Okra, Bottle Gourd, Chili, Tomato, Brinjal, Sponge Gourd, Bitter Gourd, Cluster Beans, Walore	Vegetables	Seasonal Vegetables	Crop	Backyard	21
Ujjain	2018-19	Kharif	Malnutrition	Less awareness about the Nutritional Knowledge	Pro Tray	Tomato	Pro Tray	Crop	Back Yard	11
Ujjain	2018-19	Khairf	Income Generation	Less income due to local breed of poultry.	Poultry	Enterprise	Kadaknaath Breed	500 chicks		12

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/ Technology/ Entreprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries
Ujjain	2018-19	Kharif	Income Generation	Less income due to improper use of crop residues	Vermi pit	Enterprise	Vermi pit	12 no.		12
Ujjain	2018-19	Rabi	Income Generation	Less income in tomato due to perishable nature	KMnO4	Crop	KMnO4	Irrigated		12
Ujjain	2018-19	Rabi	Drudgery Reduction	High drudgery and low output while harvesting of wheat	Multipurpose hand drawn trolley	Crop	Multipurpose Hand drawn trolley	irrigated		9

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

KVK name	FLD Title	Performance Indicator / Parameter													
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Ujjain	Multipurpose hand drawn trolley			0	0	0	0	88	66		22	0	0	0	0

3.12 (B) Economic Performance Home Science FLD: (For Income Generation)

KVK name	FLD Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		
Ujjain	Poultry	Awaited											
Ujjain	Vermi pit	Awaited											
Ujjain	KMnO4	20	20	0	20			60	128	60	108	48	6.4

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

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

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

KVK name	FLD Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements					
		Name of vegetable/Fruit/Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
Ujjain	Vegetable Soybean-	Soybean	Vegetable Soybean	0	100gm	0	125	0	12	0	2.7	0	2.7						
Ujjain	Seasonal Vegetables	Pulse and bengal gram flour	Planned NKG	100 gm	100 gm	Result given in Table 1													
Ujjain	Pro Tray	Tomato (Yield parameter result given below)	Tomato	100 gm	200 gm	23	46	1.9	3.8	1.8	13.6	20	40						

Name of the Technology/Enterprises	Performance Indicator / Parameter	
	Yield (kg/unit)	
	Yield (kg/unit)(T1)	Yield (kg/unit)(T2)
Pro Tray	17800kg/ha	21400 kg/ha

Table 1 :

Performance Indicator / Parameter				Nutrient Intake (Unit)							
Name of vegetable/Fruit/Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)	
T1	T2	Per capita Consumption gm/ day T1	Per capita Consumption gm/ day T2	Energy (kcal) T1	Energy (kcal) T2	Protein (gm) T1	Protein (gm) T2	Iron (mg) T1	Iron (mg) T2	Calcium (mg) T1	Calcium (mg) T2
Pulse and bengal gram flour	Spinach	100 **gm**	100 gm	335	26	22.3	2	2.7	1.14	73	73
--do--	Coriander	100 gm	100 gm	348	44	24.5	3.3	3.9	1.42	75	184
--do--	Onion	100 gm	100 gm	0	50		1.2	0	0.6	0	46.9
--do--	Okra	100 gm	100 gm	0	35		1.9	0	0.35	0	66
--do--	Bottle Gourd	100 gm	100 gm	0	12		0.2	0	0.46	0	20
--do--	Chilly	100 gm	100 gm	0	29		2.9	0	4.4	0	30
--do--	Tomato	100 gm	100 gm	0	23		1.9	0	1.8	0	20
--do--	Brinjal	100 gm	100 gm	0	24		1.4	0	0.38	0	18
--do--	Sponge Gourd	100gm	100 gm	0	18		0.5	0	1.51	0	26
--do--	Bitter Gourd	100 gm	100 gm	0	25		1.6	0	0.61	0	20
--do--	Cluster beans	100 gm	100 gm	0	16		3.2	0	1.08	0	130
--do--	Walore	100 gm	100 gm	0	44		2.7	0	2	0	60

3.13 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Ujjain	Soybean	Field days	2	142	
Ujjain	Soybean	Farmers Training	2	62	
Ujjain	Soybean	Media coverage	2	600	
Ujjain	Soybean	Training for extension functionaries	2	25	
Ujjain	Wheat	Field days	1	55	
Ujjain	Wheat	Farmers Training	3	75	

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Ujjain	Wheat	Media coverage	1	500	
Ujjain	Wheat	Training for extension functionaries	1	25	
Ujjain	Chickpea	Field days	2	78	
Ujjain	Chickpea	Farmers Training	2	64	
Ujjain	Chickpea	Media coverage	1	800	
Ujjain	Chickpea	Training for extension functionaries	1	28	

3.14 Details of FLD on crop hybrids.

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

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Ujjain	Technology suited to the agro-climatic situations being selected	Training and demonstration	15 to 32 % increase in yield	Good scope if govt policy are favourable
Ujjain	Technology taken to farmers were in line and recommendation of NARS for the specific agro-climatic zone. Poor performance if any may be due to weather aberrations for the specific agro-climatic zone.	PRA	All technologies on an average performed better than the existing ranging from 15 to 45 percent above with good economic returns	Likely to be adopted if government policy are farmers friendly.

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of FLD on Technology Tested
Ujjain	Technologies are farmer friendly
Ujjain	Technologies outperformed the existing farmers technologies or old practices. Data of OFT and FLD should not be used by any agency without prior permission and acknowledgement of the host institution. Any publication based on our data would be dealt under copy right act.

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	FLD	Pre and post assessment	Nahariya, Guradiya	90
Ujjain	Farmers Group Meeting	PRA	Khajuria & Guradia Gurjar	135

Abbreviation Used

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

5. TRAINING PROGRAMMES

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

Table 5.1. Details of Training programmes conducted by the KVKs for Farmers

Name of KVK	Category (F &FW/ FW)	Training Type (ONC/ OFC)	Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ujjain	F/FW	OFC	CRP	Integrated weed management for Kharif crops	1	1	2	0	5	0	0	0	15	0
Ujjain	F/FW	OFC	CRP	Weed Control in Blackgram and Greengram	1	1	2	8	0	0	0	0	0	2
Ujjain	F/FW	OFC	CRP	Weed Management in Wheat	1	1	11	0	8	0	7	0	22	0
Ujjain	F/FW	OFC	CRP	Tillage operation for kharif crops	1	1	8	0	11	0	0	0	2	0
Ujjain	F/FW	OFC	CRP	FIRBS sowing in Kharif Crops	1	1	7	0	4	0	0	0	8	0
Ujjain	F/FW	OFC	CRP	Short Duration High Yielding Cultivar for Pigeonpea	1	1	0	0	5	0	0	0	16	0
Ujjain	F/FW	ONC	CRP	Improved Varieties of Soybean	1	1	5	0	4	0	0	0	11	0
Ujjain	F/FW	ONC	CRP	Improved Varieties of summer Mung	1	1	17	0	2	0	0	0	15	0
Ujjain	F/FW	ONC	CRP	Improved Varieties of Wheat	1	1	0	4	0	24	0	2	0	2
Ujjain	F/FW	OFC	CRP	Production technology of Soybean under CFLD	1	1	14	0	2	1	0	0	6	0
Ujjain	F/FW	OFC	CRP	Production technology of gram	1	1	3	0	3	0	0	0	30	0
Ujjain	F/FW	OFC	CRP	Production technology of oilseed and pulses	1	1	3	0	3	0	0	0	30	0
Ujjain	F/FW	OFC	CRP	Production Technology of Pigeonpea	1	1	3	0	3	0	0	0	30	0
Ujjain	F/FW	OFC	CRP	Production technology of Summer Mung	1	1	17	0	2	0	0	0	15	0
Ujjain	F/FW	OFC	CRP	Production Technology of Fodder Crops	1	1	1	29	2	2	0	0	1	20
Ujjain	F/FW	OFC	CRP	Technology for climate resilient agriculture	1	1	7	0	4	0	0	0	8	0
Ujjain	F/FW	OFC	HOP	Production technology of Cucurbits	1	1	0	0	6	0	0	0	26	0
Ujjain	F/FW	OFC	HOS	Production technology of Onion	1	1	20	0	5	0	0	0	2	0

Name of KVK	Category (F &FW/ FW)	Training Type (ONC/ OFC)	Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ujjain	F/FW	OFC	SFM	Strategies of soil health management and sustainable farming	1	1	0	0	6	0	0	0	26	0
Ujjain	F/FW	OFC	SFM	Method of Soil Sampling	1	1	19	0	2	0	0	0	0	0
Ujjain	F/FW	OFC	SFM	Importance of Plant Nutrient in rabi crop	1	1	11	0	8	0	7	0	22	0
Ujjain	F/FW	OFC	SFM	Soil health and fertility management	1	1	0	0	27	0	0	0	0	0
Ujjain	F/FW	OFC	SFM	Importance of soil health card & its utility	1	1	0	0	6	0	0	0	14	0
Ujjain	F/FW	OFC	WOE	Importance of nutrients & its role	1	1	2	8	0	0	0	0	0	2
Ujjain	F/FW	OFC	WOE	Role of micro nutrient in daily diet	1	1	0	2	0	12	0	0	0	4
Ujjain	F/FW	OFC	WOE	Importance of nutrition & its role in daily diet	1	1	0	2	2	10	0	0	0	0
Ujjain	F/FW	OFC	WOE	Role of micro nutrients in daily diet	1	1	0	8	0	4	0	0	0	8
Ujjain	F/FW	ONC	WOE	Gender mainstreaming through SHGs for self reliance	1	1	0	0	0	0	0	0	0	17
Ujjain	F/FW	ONC	WOE	Self reliance of farm woman for income generation through SHG	1	1	0	0	0	0	0	0	0	15
Ujjain	F/FW	ONC	WOE	Value addition in vegetables	1	1	3	0	9	5	0	0	15	3
Ujjain	F/FW	OFC	WOE	Income generation through poultry farming	1	1	0	0	0	0	0	0	0	7
Ujjain	F/FW	ONC	WOE	Drudgery reduction in farm activities by using advanced technologies	1	1	0	2	01	04	0	0	1	5
Ujjain	F/FW	OFC	WOE	Drudgery reduction by adopting New technologies in farm activities	1	1	0	1	0	13	0	0	0	1
Ujjain	F/FW	OFC	WOE	How to take care of adolescent girl by incorporate additional feed in daily diet	1	1	0	0	0	13	0	0	0	3
Ujjain	F/FW	OFC	WOE	Community based strategies to enhance and sustain breast feeding practices & promote early child development	1	1	0	13	0	2	0	0	0	3

Name of KVK	Category (F &FW/ FW)	Training Type (ONC/ OFC)	Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ujjain	F/FW	OFC	AEG	Advantages and use of Raised Bed Planter in Malwa	5	5	63	0	87	0	0	0	0	0
Ujjain	F/FW	OFC	AEG	Maintenance and precaution to be taken during use of advance agriculture machineries	2	2	24	0	30	0	0	0	0	0
Ujjain	F/FW	OFC	PLP	Storage Grain Pest Management Technology	1	1	19	0	2	0	0	0	0	0
Ujjain	F/FW	OFC	PLP	Control Measures of Stored Grain Pest	1	1	8	0	13	0	0	0	23	0
Ujjain	F/FW	OFC	PLP	Insect Pest Management in Summer Moong	1	1	8	0	11	0	0	0	2	0
Ujjain	F/FW	OFC	PLP	Control of Semilooper in Soybean	1	1	2	0	5	0	0	0	15	0
Ujjain	F/FW	OFC	PLP	IPM in chickpea	1	1	0	0	0	0	0	2	0	6
Ujjain	F/FW	OFC	PLP	Control of Helicoverpa in gram	1	1	3	0	9	0	0	0	15	0
Ujjain	F/FW	OFC	PLP	Integrated pest management in soybean	1	1	9	0	24	0	0	0	5	0
Ujjain	F/FW	OFC	PLP	Control of Termite in Wheat	1	1	6	0	5	0			13	0
Ujjain	F/FW	OFC	PLP	Disease management in Onion and Garlic	1	1	6	0	5	0			13	0
Ujjain	F/FW	OFC	PLP	Biological control of pests in Vegetables	1	1	0	12	0	0	0	4	0	2
Ujjain	F/FW	ONC	CBD	Marketled extension for rural entrepreneurship	1	1	0	0	5	0	0	0	15	0
Ujjain	F/FW	OFC	CBD	Social media for agriculture extension	1	1	0	0	5	0	0	0	20	0
Ujjain	F/FW	OFC	CBD	Empowerment of farmers through kisan club	1	1	20	0	5	0	0	0	2	0
Ujjain	F/FW	ONC	CBD	Use of social media in agriculture development	1	1	13	0	3	0	0	0	8	0
Ujjain	F/FW	ONC	CBD	Virtue of mobile technology	1	1	2	0	7	0	0	0	8	0
Ujjain	F/FW	OFC	CBD	Necessity of Crop Insurance for Farming	1	1	5	0	4	0	0	0	11	0

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

Name of KVK	Category (RY)	Training Type (ONC/OFC)	Thematic Area of training	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
Ujjain	RY	OFC	SFM	1	1	5	0	2	0	0	0	15	0
Ujjain	RY	OFC	OTH – Mushroom Production	1	1	5	0	2	0	0	0	20	0
Ujjain	RY	ONC	OTH : ICT in Agriculture	1	1	2	0	5	0	0	0	13	0
Ujjain	RY	ONC	Integrated Farming System	2	2	14	0	16	0	8	0	14	0

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

Name of KVK	Category (IS)	Training Type (ONC/OFC)	Thematic Area of training (if other please specify name)	No. of Courses	Duration (Days)	Participants							
						Gen		SC		ST		Others	
						M	F	M	F	M	F	M	F
Ujjain	IS	ONC	Capacity building for ICT application	1	1	8	2	2	0	0	0	6	1
Ujjain	IS	ONC	Household food security	1	1	25	15	5	2	0	0	20	12

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

Name of KVK	Thematic Area		Training title	Name of Crop / Enterprise	Identified Thrust Area	No of Courses	Duration of training (days)	Number of Beneficiaries							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5.5. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Dura-tion (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Ujjain	Production technology of Garlic	Crop production and management	CRP	F & FW	4	4	185	0	125	0	105	0	0	0	Spice Board Guna	0

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Dura-tion (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Ujjain	Scientist Farmers Interface	Production and value addition	WOE	F & FW	2	2	35	0	15	0	25	0	0	0	ATMA Ujjain	0
Ujjain	Leadership & community development in rural youth	Capacity Building and Group Dynamics	CBD	RY	1	1	10	0	2	0	11	0	2	0	Nehru Yuva Kendra, Ujjain	2500

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

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
-	-	-	-	-	-

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

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

Table 5.8 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	Scientific Production Technology of Oilseed and Pulses under CFLD	23	16	61	149	198	25200	38850	All the trainees belonged to Nahria 11 km from district headquarter. They were engaged in oilseed and pulses production but had very poor knowledge of scientific production technology.oilsees and pulses Pre-evaluation score was 16 and post was 61.
Ujjain	Mushroom Production Technique	20	12	63	16	135	610	6850	Three trainee have started their own business. For the rest SHG is yet to be formed.

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	Advisory Services	45	65	456	95	425	25	12	5			
Ujjain	Agri mobile clinic	0	0	0	0	0	0	0	0			
Ujjain	Animal Health Camp	0	0	0	0	0	0	0	0			
Ujjain	Awareness programme	0	0	0	0	0	0	0	0			
Ujjain	Celebration of important days	2	7	0	0	0	0	0	0	Mentioned Separately		
Ujjain	Diagnostic visits	15	16	65	5	45	5	18	12			
Ujjain	Exhibition	2	3	140	15	95	5	10	5	To create interest and acquaintance about better standing among farmers	To create awareness about the different models of agriculture	
Ujjain	Exposure visits	1	1	4	0	12	0	0	0			
Ujjain	Extension Literature	1	0	0	0	0	0	0	0			
Ujjain	Ex-trainees Sammelan	1	1	75	5	25	5	12	5	To develop a favorable attitude and commitment for technology adoption through group interaction.	Success stories of technologies which give better result.	
Ujjain	Farm advisory Services	1	75	1962 8	324	1332 8	50	147	20	Awareness through KMA	INM, IDM, Weather, ICM, VE etc	All
Ujjain	Farm Science Club conveners meet	0	0	0	0	0	0	0	0			
Ujjain	Farmers Seminar/Workshop	1	1	35	0	45	0	12	6			
Ujjain	Farmers visit to KVK	50	85	665	125	445	75	35	15			
Ujjain	Field Day	6	6	190	22	125	5	15	5	To convince the participant about the applicability of the practice in	Blackgram day, soybean day, mustard day,Chickpea	Podding , Grain filling, Maturity

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			
										their own situation	day, wheat day, Maize	
Ujjain	Film Show	10	12	225	25	135	35	12	6	Live demonstration of the techniques related to the Agriculture.	Local need based issues i.e. onion storage, drudgery in farm women, low tunnel poly house etc.	
Ujjain	Group meetings	2	2	75	5	56	6	14	5	To develop a favorable attitude about new method and commitment for action through group involvement	• Method of self reliance • Develop the agri-business. • Generate the income	
Ujjain	Interface	2	2	27	0	15	0	9	3			
Ujjain	Kharif Sammelan	0	0	0	0	0	0	0	0			
Ujjain	Kisan Ghosthi	2	2	95	0	57	0	12	5	To boost up the production of farmers field	Improved seeds, Balanced fertilizers and pesticides etc.	Before sowing
Ujjain	Kisan Mela	1	2	4500	325	3200	350	156	75	To acknowledge the maximum farmers about the improved agril. Technologies and discussion on crop for boost up the farm production	Agriculture & Crop Diversification, Integrated Nutrient Management., Integrated Pest & Disease Management, Importance of Crop Production Technique, Integrated	Maturity stage

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			
											Farming	
Ujjain	Krishi Gyan Doot meet	0	0	0	0	0	0	0	0			
Ujjain	Krishi Mahotsav	0	0	0	0	0	0	0	0			
Ujjain	Lectures delivered as resource persons	20	25	335	85	225	115	15	10	Mass	New Agricultural Techniques to boost up crop production	
Ujjain	Mahila Mandals conveners meetings	0	0	0	0	0	0	0	0			
Ujjain	Method Demonstrations	1	1	25	5	35	5	12	5	To develop skill and stimulate farmers for Learning by doing & seeing is believing a job in a better way to get better result	Seed treatment. Balanced fertilizers	during sowing
Ujjain	Newspaper coverage	20	45	556	95	475	65	15	5	Mass	Time to time need based agricultural technologies	
Ujjain	Popular articles	4	5	125	35	105	35	12	5	Mass	• Organic farming • Improved Varieties • Seed Production • Production technologies	
Ujjain	Pradhanmantri phasal bema yojana	0	0	0	0	0	0	0	0			
Ujjain	Radio talks	5	12	115	15	85	65	15	10	Mass	Time to time need based agricultural	

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			
											technologies	
Ujjain	Scientific visit to farmers field	20	24	95	5	75	5	36	12	To create the awareness among farmers about major problem of crop and their control measures		During various crop stages
Ujjain	Self Help Group conveners meetings	1	1	5	55	6	10	15	5			
Ujjain	Soil health Camp	1	1	20	0	15	0	2	0	To aware the farmers about the fertility of the soil to get more productivity and to maintain the soil health	Soil Sampling, Analyzing, Recommendatio ns	
Ujjain	Soil test campaigns	1	1	125	75	225	75	15	5	To aware the farmers about the fertility of the soil to get more productivity and to maintain the soil health	Soil Sampling, Analyzing, Recommendatio ns	
Ujjain	Summer deep plougning	0	0	0	0	0	0	0	0			
Ujjain	Technology Week	0	0	0	0	0	0	0	0			
Ujjain	TV talks	2	3	335	75	315	25	20	12	Mass	Time to time need based agricultural technologies	
Ujjain	Workshop	1	1	42	0	35	0	10	5	Delivery of Hon'ble PM address to the farmers through webcaste	Horticulture exhibition and workshop organized in which horticultural crop	

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			
											cultivation encourage to increase the income of farmers.	
Ujjain	Others											
Ujjain	Farm Woman Day	1	1	0	6	0	24	4	3			
Ujjain	Farmers Day	1	1	56	0	12	0	4	1			
Ujjain	International Woman Day	1	1	2	49	2	2	6	4			
Ujjain	Parthenium Day	1	1	35	0	10	0	5	1			
Ujjain	Poshan Ahar	1	1	8	86	1	11	5	2			
Ujjain	Swachhta Pakhwara	1	1	175	15	165	12	15	12			
Ujjain	Vigilence Awareness Week	1	1	156	12	145	15	15	5			
Ujjain	World Environment Day	1	1	20	0	15	0	2	0	Creating Awareness for Environment Protection against Pollution		
Ujjain	World Food Day	1	1	17	0	3	0	12	3			
Ujjain	World Soil Health Day	1	1	55	0	25	0	15	5			
Ujjain	PMSKY	0	1	177	30	140	3	20	5	Webcasting of Prime Minister inauguration of PMSKY scheme	Detail on PMSKY and registration process discussion during the programme	

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	01-10-2008	Quarterly	4000	4000

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Ujjain	Folder	Year Planner 2018-19	All	100

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Ujjain	Masala Faslen Mobile App	Masala Faslen including the Package of Practice of Onion and Garlic Crop	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 (B)	JS 95-60	44	445500	-	55
Ujjain	Oilseed	Soybean (B)	JS 20-29	142.6	1443825	-	177.5
Ujjain	Oilseed	Soybean (B)	RVS 2001-4	172.6	1747575	-	215
Ujjain	Pulse	Chickpea(B)	RVG-202	225.4	2794960	27	281.255
Ujjain	Pulse	Chickpea(B)	JAKI 9218	174.5	2163800	11	217.5
Ujjain	Cereals	Wheat(B)	MP 1203	55	358600	32	55
Ujjain	Vegetables	Onion saplings	Agrifound Dark Red	0.03	7500	6	1

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Ujjain	Vegetables	Drumstick	PKM-1	210	2520	7	0.5
Ujjain	Vegetables	Brinjal	Hybrid	1000	1473	20	0.25
Ujjain	Vegetables	Tomato	Hybrid	2000	2948	25	0.35
Ujjain	Vegetables	Chilli	Hybrid	1400	2063	19	0.35
Ujjain	Vegetables	Curry Leaves	Local	10	100	4	
Ujjain	Flower	Rose	Desi	30	360	3	
Ujjain	Flower	Tuberose	Local	20	200	1	
Ujjain	Fruits in Orchard	Citrus			10000		
Ujjain	Fruits in Orchard	Guava			30000		
Ujjain	Fruits in Orchard	Aonla			5000		

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.)

*** Name of product should follow same pattern and spelled correct**

KVK Name	Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
	Bio Agents						
Ujjain	Bio Fertilizer	Vermi Compost	30000	00	150000	00	75
	Bio-Food						
	Bio Pesticides						
	Others (Pl Specify)						

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	Cow	Gir	Milk	3117.73	130945	
Ujjain	Buffalo	Murrah	Milk	2480	104160	
Ujjain	Goat	Sirohi	Breed			
Ujjain	Buck	Sirohi	Meat		100150	

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)
		`						

9.2 Details of water samples analyzed so far :

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

10. Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RY/ EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total
Ujjain	02-10-2018	Advantages and use of Raised Bed Planter in Malwa	PF	2	52	0	52	28	0	28
Ujjain	03-10-2018	Maintenance and precaution to be taken during use of advance agriculture machineries	PF	2	54	0	54	30	0	30
Ujjain	04-10-2018	Advantages and use of Raised Bed Planter in Malwa	PF	1	38	0	38	22	0	22
Ujjain	05-10-2018	Advantages and use of Raised Bed Planter in Malwa	PF	2	60	0	60	37	0	37

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	-	-	-	-	-	-	-	-

12. Utilization of Staff Quarters facilities

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

13. **Details of SAC Meeting**

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Ujjain	30.05.2018	50	1. No. of demonstration must be increased 2. Extension of New Variety of Soybean. 3. Ground Water Conservation. 4. Conduction of Vocational Training on Fisheries. 5.Combine training of Farm Women and Farmers. 6. Creating Awareness for Livestock Insurance. 7. Pilot project on Soybean product due to its health benefits. 8. Adoption of IFS module by the farmers.
Ujjain	12.09.2018	43	1. Include cultivation of bathua, poi, dragonfruit and passion fruit in nutritional activities. 2. Promotion of Water Harvesting for Water Managment in the area. 3. SHG should be strong and Cooperative societies should work for secondary agriculture. 4. Number of Training Programme should be increase. 5. Economic impact of Sub soiler should be share with the farmers. 6. Cultivation of Wheat, chickpea along with Linseed variety like JLS6 should be promoted in low water situation. 7. Potash fertilizer must be used to balance the nutrient management. 8. Farmers should be connected to University like KVK. 9. Early maturing varieties of pigeonpea should be incorporated for adoption of Dharwad Method. 10. Promotion of Drumstick farming for 'Nutri-farming'. 11. Bank Officials must be invited for farmers programme. 12. Promotion of Livestock Insurance among farmers. 13. Promotion of organic manure for Conservation of Bio-diversity. 14. Seed Produced in M.P. should be primarily given to the societies and institute of MP. Some quantity of seed produced by KVK should be distributed among farmers.

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

KVK Name	No. of messages sent	No. of beneficiary		Total Number of villages	Number of villages covered	Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.				
Ujjain	75	33324	167	1096	1096	Farmers Portal	Integrated farming, value addition, mobilization, ICM, production enhancement(Horticulture.), 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

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Ujjain	1450110056738	₹ 6,39,623.00		

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Ujjain	2nd Best Exhibition Award	Group	ATMA, Ujjain	Nil
Ujjain	Sh. Ashwini Singh, ANAJ Krishi Gaurav Puraskar	Farmer	Association of National Agricultural Journalists	Nil

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Ujjain	Sh. Ashwini Singh, "Pragati Puraskar 2018" AIASA(All India Agricultural Students Association) award	Farmer	AIASA(All India Agricultural Students Association) award	Nil

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent?

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

b) Details about Technology Park

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

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
Ujjain	Crop and Variety Diversification	2

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	Iswar Singh	Prepartion of portable vermi pit	Village Guradia Gurjar, Post - Bichrod District Ujjain Mobile-9691773473
2.	Ujjain	Shanti Lal Sharma	Portable Azola unit	Village Salakhedi, Post -Pipliyahama District Ujjain Mobile-9753186963

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
3.	Ujjain	Sunil Prajapat	Mechanical Item prevention of nil cow	Village & Post, Bichrod, District Ujjain Mobile-9753186963
4.	Ujjain	Krishan Pal Singh	Moter Cycle Dora	Village Kakriyachand & Post, Gaundi, District Ujjain Mobile-9669345486

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1	07-07-2018	42
2	18-12-2018	32

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Ujjain	6	6	38	1096

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	Shajapur	SAC meeting	Spice Crop Included in Crop Cafeteria
2	Agarmalwa	SAC meeting	Demonstration must be increase
3	Indore	SAC meeting	Poultry farming related activity

24. **Important visitors to KVK**

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Ujjain	Dr. Arvind Kumar, VC RLBCAU, Jhansi	08-05-2018		Yes		I have been visiting this KVK and seen a lot of improvement in terms of infrastructure and technology development. The IFS module is of great use for enhancing the income of marginal and small farmers in this

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
						region. The Animal hard particularly the goatry is very well maintained. I am impressed with the enthusiasm of KVK staff and their work in a coherent manner. I wish all the scientist and KVK all the best in their future endeavor.
Ujjain	Shivraj Sharma	09-05-2018			Other	KVK उज्जैन का भ्रमण किया तथा गिरि गायों के संरक्षण एवं बकरी पालन गौपालन कैसे लाभकारी हो सकता है यह किसानो के भ्रमण के लिए सर्वोत्तम उदाहरण है तथा पानी के संरक्षण का सिस्टम आज के परिपेक्ष्य (वाटर हार्वेस्टिंग) में सभी जगह होना चाहिए उसका उदहारण भी देखने को मिला है निश्चित ज़िले के किसानो को महत्वपूर्ण जानकारी देने में सक्षम केंद्र है
Ujjain	Dr. R.N.S. Banafar, DES, RVSKVV, Gwalior	24-05-2018		Yes		Today visited KVK Ujjain & participated in Kisan Sangoshti with Hon'ble minister Shri Thawarchand Ji Gehlot. The programme is successfully conducted and appreciated by hon'ble minister as per my views and opinion. We should take care of water harvesting capacity of water. As per my experience, I think that these KVKs may be one of the best KVK in future. I wish for bright future.
Ujjain	Sh. T.C.Gehlot, Hon'ble Cabinet Minister of Social Justice and Empowerment	24-05-2018			Other	
Ujjain	Dr. E.Revathi and Dr. B. Suresh Reddy	31-05-2018	Yes			Ujjain KVK has played a commendable role in propogating soybean technology among farmers. They also adopting communicating technology to communicate advice regarding pest to the farmers. This way reach of the KVK has tremendously increased. Farmers have benefited to a great extent by the service of the KVK team.
Ujjain	Kedar Nath Shukla, MLA	02-08-2018			Other	सत्यम शिवम सुंदरम शस्य श्यामला कृषि विज्ञान केंद्र
Ujjain	Prof. S.K.Rao, Hon'ble VC, RVSKVV, Gwalior	15-09-2018		Yes		Best Wishes for Future
Ujjain	R P. Singh, Board Member, IARI	23-09-2018	Yes			यह कृषि विज्ञान केंद्र सोयाबीन के क्षेत्र में सर्वोत्तम कार्य कर रहा है साथ ही समन्वित कृषि प्रणाली का सफल स्वरुप यहाँ देखने को मिला के.वि.यह के . उज्जैन जिला किसानो को आय दोगुनी करने में सफल होगा स्वच्छता पर और . ध्यान देने की ज़रुरत है
Ujjain	Todayashi NASUOA,	02-11-2018			Other	Thank you very much Dr. Tomar for a managing Farmers Friend Interview

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
	Nava, Japan					session as well as informative discussion. I am also impressed that KVK has many experts on soybean in several areas. Hope keep in touch for future collaboration.
Ujjain	Prof. V.S.Tomar, Ex-VC, JNKVV, Jabalpur and RVSKVV Gwalior	29-01-2019		Yes		It was my great pleasure to visit the KVK unit of RVSKVV at Ujjain. Very good crop cafeteria is being maintained and performance of crops even under rainfed condition is worth seeing. This appears to be primarily due to adoption of better technologies and agronomic practices. Please try to extend such technologies to farmers of the area.
Ujjain	Kirti Mishra ACEO ZP	15-02-2019			Other	Congratulations and keep on developing and using such good technologies for the benefit of farmers. All the best to PC and his team.

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Ujjain	08-05-2011	410	7955

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	-	-	-	-	-	-	-

27. Status of RTI

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

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1	Ujjain	00	00	-

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Ujjain	H R Jatav	Scientist	4	1. 25th Zonal Workshop of KVKs during 05-07 September, 2018 at ICAR ATARI, Jabalpur. 2. Workshop on large scale technology adoption and impact at ICAR-ATARI, Jabalpur 04 February, 2019. 3. Launch workshop of project impact of CFLD" February, 2019 at ICAR-ATARI, Kanpur (U.P.) 4. two days workshop of ICT & Protection of Plant Variety and Farmers Right Authority during 26-27 February, 2019 at Deen Dayal Research Institute Chitrakoot Satna (M.P.)
Ujjain	Dr Rekha Tiwari	Scientist	5	
Ujjain	Dr R P Sharma	Senior Scientist	3	
Ujjain	Ghazala Khan	Senior Technical Officer	2	Meeting on Mobile App development on 23-08-2018 at ATARI, Jabalpur and Lauching of mobile app during Zonal Workshop at ATARI Jabalpur from 6 to 7 Sept' 2018
	Total		**14**	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Ujjain	4	15

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Ujjain	H R Jatav	Scientist	1	Recent extension approach for effective transfer of technology" at EEI, Anand (Gujarat) during 03-08 December, 2018.
Ujjain	Rajendra Gawali	Technical Officer	2	
Ujjain	Dr D S Tomar	Scientist	1	
Ujjain	Dr D K Suryawanshi	Scientist	1	
Ujjain	Dr R P Sharma	Senior Scientist	4	
Ujjain	Smt. Ghazala Khan	Senior Technical Officer	1	One Day training on "RKVY Geo Tagging" at Vindhyachal Bhawan, Bhopal on 25-12-2018

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Ujjain	6	10

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 K Suryawanshi	Scientist	1	21 Days Winter School
Ujjain	Dr Rekha Tiwari	Scientist	1	21 Days Winter School
Ujjain	H R Jatav	Scientist	1	21 Days Winter School
Ujjain	Dr S K Kaushik	Scientist	1	21 Days Winter School
Ujjain	Dr D S Tomar	Scientist	1	21 Days Winter School
Ujjain	Smt. Ghazala Khan	Senior Technical Officer	1	5 Days training on "Android App Development" at IITDM, Jabalpur during 8-7-2018 to 13-07-2018.

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Ujjain	6	6

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	White Grub infestation	In Soybean crop	Agriculture Department, News paper and KMA
Ujjain	Possibility of Frost due to drop in temperature	In rabi crop	Agriculture Department, News paper and KMA

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Gosthies			
	Lectures organized			
	Exhibition			
	Film show			
	Fair			
	Farm Visit			
	Diagnostic Practical's			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials			

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	(No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week			
	Animal health camp			
	Awareness programme			
	Cashless Transaction Week			
	Celebration of important days (Parthenium eradication week, Soil Health Day,International Women Day,National Integrity Day,World environment day,World forestry day,World Water Day)			
	Demonstration			
	Exposure visit			
	Extension activity			
	Ex-trainees Meet			
	Farmer scientist interaction			
	Farmers Training			
	Field Day			
	Field visit			
	Gajarghans Unmulan Pakhwada			
	Group Meeting			
	Hindi diwas pakhwada			
	Jai Kisan Jai Vigyan Sangoshthi			
	Narmada sewa Yatra			
	News Paper/Mass Media			
	Plant health camp			
	Plant Protection Week			
	Scientists visits in farmers field			

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Seed treatment campaign			
	Self Help Group convener meet			
	Soil health Camp			
	Swachha Bharat Abhiyan			
	Technology Week			
	Van Mahotsava			
	Others (Pl. Specify)			

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

Farmers-scientists interaction on livestock management

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

Animal health camps organized

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

Seed distribution in drought hit states

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

Seedlings and Saplings distributed

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

Bio-control Agents

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

Bio-Fertilizer

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

Verms Produced

Name of KVK	Verms Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Ujjain	Vermicompost	300	75	0

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Ujjain	5	208175	48327

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

28. Activities performed in Satellite Village on Doubling Farmer's Income

Information about Satellite Village

Name of KVK	Block	Village
Ujjain	Ghatiya	Salakhedi

1. Activities for Natural Resource Management:-

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks
Portable vermi copost unit	5	5	2	5	

2. Activities for Crop Diversification:-

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks
Waste Decomposer	6	6	3	6	

3. Activities for Crop Production

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted	Remarks
Ujjain	Ghatiya	Salakhedi	Demonstrtion

4. Activities for Livestock and Fisheries

Name of intervention undertaken	Numbers under taken	No of units	Area covered (ha)	No of farmers covered / benefitted	Remarks

5. Activities for Livelihood Security to small and marginal land holders:-

Name of intervention undertaken	Numbers under taken	No of units	Area covered (ha)	No of farmers covered / benefitted	Remarks
Backyard poultry	1	1	NA	10	

6. Activities for Institutional Interventions

Name of intervention undertaken	No of units	Area covered (ha)	No of farmers covered / benefitted	Remarks
FLD under NFSM	12	5	12	

7. Activities for Capacity Building

Thematic area	No. of Courses	No. of beneficiaries		
		Male	Female	Total
CBD	4	65	32	97

8. Extension Activities in Satellite Village

Thematic area	No. of activities	No. of beneficiaries		
		Male	Female	Total

29. Activities performed in Nutri-Smart Village

Information about Nutri-Smart Village

Name of KVK	Block	Village
Ujjain	Ujjain, Badnagar, Tarana, Mahidpur, Ghatiya and Khachrod	Kalyanpura, Pitlawdiya, Ratnakhedi, Kalapipal, Kalesar and Kanchankhedi.

1. Innovative practices to promote nutrition-sensitive agriculture and food security :

Areas	Type of intervention taken (OFT/FLD/Training/ Extension Activity)	Name of intervention taken	Numbers under taken	Quantity (unit)	% change in Nutritional Status	No of beneficiaries
Diversification and intensification of production	Plantation of Drum Stick	Plantation	20	60No	Awaited	20
Nutrition sensitive livestock and fisheries	NA	0	0	0	0	0
Biodiversity for food & nutrition including forest produces/ Minor Millets	Plantation of Forest Plants	Plantation	20	300	Awaited	21
Bio-fortification						
Other (Pl. Specify)	NA	0	0	0	0	0

2. Value Chain And Village Trade related Issue:

Areas	Type of intervention taken (OFT/FLD/Training/ Extension Activity)	Name of intervention taken	Numbers under taken	Quantity	% change in Nutritional Status	No of beneficiaries
Demand-supply dynamics and market intelligence by the women.	0	0	0	0	0	0
Processing and product development of NTFPs by women.	0	0	0	0	0	0
Food Fortification						
Technology adaptation mechanisms for nutritional security.	FLD	NKG	13	13	12.5	13
Economic empowerment through sustainable income generation among women.	0	0	0	0	0	0
Other (Pl. Specify)	FLD	Pro Tray	11	11	12.5	11

3. Improving Maternal and Child Nutrition

Areas	Type of intervention taken (OFT/FLD/Training/ Extension Activity)	Name of intervention taken	Numbers under taken	% change in Nutritional Status	No of beneficiaries
Strategies and programs for improved maternal nutrition-experiences	Strategies and programs for improved maternal nutrition-experiences	I/S Training	Nutritional Security by incorporating Vegetables in daily diet.	1	12.5
Community based strategies to enhance and sustain breast feeding practices and promote early childhood development.	Community based strategies to enhance and sustain breast feeding practices	Training	Community based strategies to enhance and sustain breast feeding practices and	2	12.5

Areas	Type of intervention taken (OFT/FLD/Training/ Extension Activity)	Name of intervention taken	Numbers under taken	% change in Nutritional Status	No of beneficiaries
	and promote early childhood development.		promote early childhood development		
Approaches to improve complementary foods and feeding practices.	Approaches to improve complementary foods and feeding practices.	0	0	0	0
Comprehensive approach to address acute malnutrition in children.	Comprehensive approach to address acute malnutrition in children.	Training	Importance of Nutrition and its role in daily diet.	1	12.5
Improving nutrition among tribal population with community focus on first 1000 days.	Improving nutrition among tribal population with community focus on first 1000 days.	0	0	0	0

4. Nutrition Literacy

Areas	Type of intervention taken (OFT/FLD/Training/ Extension Activity)	Name of intervention undertaken	Number of Courses	No of beneficiaries
Nutrition Education and Behavior	OFT and Training	1. Assessment of Knowledge through Nutritional Game.2.Imp.of Nutrition in daily diet and its role	2	32
Micronutrient Supplementation	Training	Imp. Of Nutrition and its role in daily diet.	1	8
Adolescent and Maternal Nutrition	0	0	0	0
Malnutrition Management Service	0	0	0	0
Other (Pl. Specify)	0	0	0	0

5. Capacity development of women institutions/ SHGs/ FIGs/FPOs

Area	Name of intervention undertaken	Number of Courses	No of beneficiaries
Human Resource management for women	Training	1	13
Capacity development through participatory method	Extension Activity	1	94
Skill development	Training	1	17
Other (Pl. Specify)	Extension Activity	2	56

6. Enabling Suitable governance and policy

Areas	Name of intervention taken	Numbers under taken	No of Courses	No of beneficiaries
Role of horticulture and Agriculture Engineering in Nutritional Security	Plants of Guava, Mango, Lime, Curry leaves and Pomegranate			
Climate Smart agriculture for Nutritional Security	NA			
Other (Pl. Specify)				
Vet. Dept.	Dairy Unit	4	4	4
Vet. Dept.	Murraha Pada Scheme	1	1	1
Vet. Dept.	Nandi Shala	0	0	0
Vet. Dept.	Watsa Palan Protsahan	1	1	1
Vet. Dept.	Goat Pradai	0	0	0
Vet. Dept.	Goatry	2	2	2
ATMA	SHG Formation	4	4	61
ATMA	Mini Kit -Soybean	10 kits	10	10
ATMA	Visit (Within District)	1	1	14
Agrl. Dept.	Surajdhara (Soy)	2	2	
Agrl. Dept.	Annapurna (Maize)	4	4	2
Agrl. Dept.	RKVY (Inter cropping Mung)	1	1	4
Agrl. Dept.	RKVY mini kit (Urd)	1	1	1
Agrl. Dept.	Minikit (Soy)	4	4	1

7. Institutional Interventions in Collaboration (through KVK, Anganwadi of other Department) :-

Name of intervention undertaken	No of collaborative Department	No of beneficiaries	Remark
Training, OFT, FLD, Plantation, Agril. Scheme,	KVK,ICDS,Agrl.Dept, Horticulture , ATMA and Forest Dept.	329 (Human Being)	In Collaboration with all the Allied Dept. Various Interventions were carried out at selected Nutri Smart Village.
Vaccination to Animals	Veterinary Dept.	08 (Animals)	

30. Activities for Sansad Adarsh Gram

Information about Sansad Adarsh Gram

Name of KVK	Block	Village
-	-	-

1. **Technologies to be Demonstrated**

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

2**. Extension Activities**

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

3. **Training Programme**

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

35. Activities of NICRA (Only NICRA KVKs)

1. Technologies to be Demonstrated

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

2. Extension Activities in NICRA Village

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

3. Training Activities in NICRA Village

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

4. Activities for Fodder Bank

Established (Years)	Capacity	Current Status

5. 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)

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, 2-3 Photographs with caption in .jpeg format.

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Ujjain	2	1

Success Story -1 : Higher Production of soybean crop with the intervention of New Technology

Name of KVK	Ujjain
Crop and Variety	Soybean JS 2029
Name of farmer & Address	Sh. Babu Lal Village & Panchyat Nahria Block- Ujjain; Disst- Ujjain
Background information about farmer field	The soybean is the major *kharif* crop of the distt and covers area 4.53 lakh hactares out of 4.89 lakh hactares with average productivity of 14.2 qtls/ ha. Farmers mentioned above has 35 years age belongs to the village Nahria. He educated up to 8th standard school education. The main source of income earning of family is farming. He has 11.65 ha land. He cultivating soybean crop during kharif season but harvesting of crop-harvest is not satisfactory (Ave. yield= 10-12 q/ ha).
Details of technology demonstrated	Seed variety JS-2029@30 kg per acre + Seed treatment with fungicide (Thiram + Carbendazim)@ 2.5 gm/kg seed + seed Innoculating cultures namely; Rizobium culture@5ml/kg seed and PSB culture@5ml/kg seed + sowing method adopted: Raisedbed
Institutional Involvement	KVK's Scientists survey the farmer's field during May-June' 2018 and selected the field for displaying the technologies properly. Team meets the farmers and discussed regarding kharif crop productivity and their constraints for higher yield. He agreed for adopting the new technology as per KVK's suggestions. The major factor like variety, RDF, sowing method, Plant protections measures etc. considered during discussion. The facilitation of sowing machinery for Raisedbed with the help of district level Agril. Engineering Deptt.-Ujjain. The BTM of ATMA (Agril. Deptt)-Ujjain also suggested to farmers time-to-time.
Success Point	✓ In-situ moisture conservation in soybean by FIRBs. ✓ Avoid fungal mortality due to excess water stagnation at field. ✓ Profused flowering results in more podding for higher yield. ✓ The best crop stand at field leads to higher yield ✓ Cost of cultivation reduced drastically due to FIRB technology and application of various components of IPM.

Farmer Feedback	✓ Variety selected was very good due to short duration, bold seeded & high yielder ✓ Seed inoculation enhances the yield. ✓ They want to repeat the technology of Rises bed planting for higher production.
Outcome Yield (q/ha) - Demonstration - Potential yield of variety/technology - District average (Previous year) - State average (Previous year)	 17.80 25-30 7.14 7.53

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

Specific Technology	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha	B:C ratio
Farmer practices	**13.20**	**22000**	**58080**	**36080**	**1.64**
Demonstration	**17.80**	**24000**	**78320**	**54320**	**2.26**
% Increase	34.85				

Quality Photographs:

Celebration of Field Day on Soybean

DES, RVSKVV, Gwalior during Field Day

Success Story-2

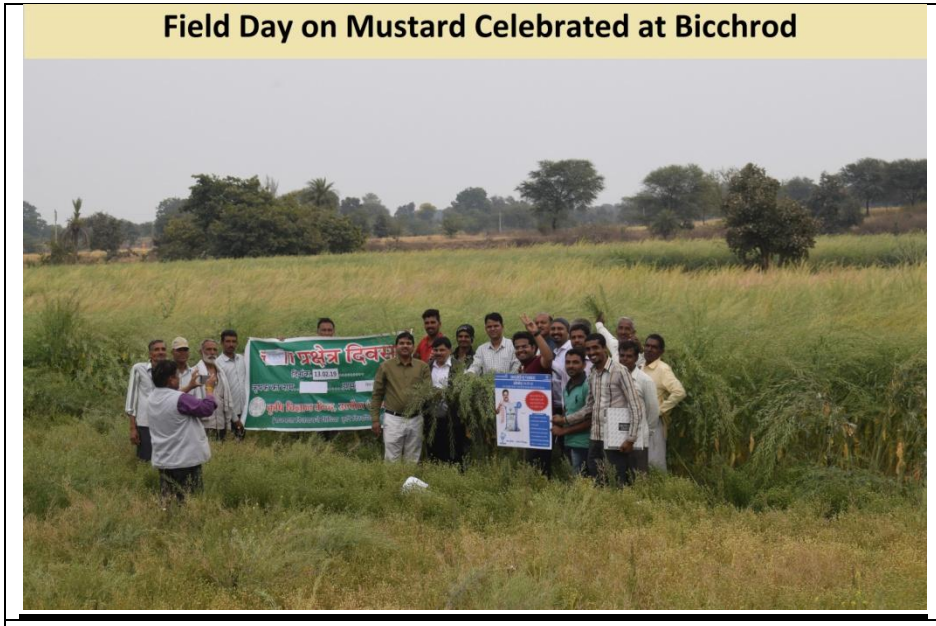
Specific Technology: Higher Production of Mustard Crop

Name of KVK	Ujjain
Crop and variety	Mustard(RH-749)
Name of farmer & address	Sh. Satish Sharma Mobile No. 99260-70726, Village & Panchyat-Bichrod;Block-Ghatia; Disst- Ujjain
Background information about farmer field	The Mustrad is the major *rabi* crop of the distt and covers area 2.76 lakh hactares out of 4.89 lakh hactares with average productivity of 14.2 qtls/ ha. Farmers mentioned above has 50 years age belongs to the village bichrod . He educated up to 10^{th} standard high school education. The main source of income earning of family is farming. He has 3.15 ha land for cultivation. He cultivating mustard crop during rabi season but harvesting of crop-harvest is not satisfactory (Ave. yield= 8-10 q/ ha).
Details of technology demonstrated	Seed variety RH-749 @ 2 kg per acre+Seed treatment with carboxin+macojeb 3g/kg of seed**,** PP Measures (1^{st} Foliar application of imidacloprid @ 100ml/ha & 2^{nd} spray of mancojeb @ 1.5 kg/ha) N:P:K:S:Zn as par STR 80:40:20:40:20
Institutional involvement	KVK's Scientists survey the farmer's field during August -September' 2018 and selected the field for displaying the technologies properly. Team met the farmers and discussed regarding rabi crop productivity and their constraints for higher yield. He agreed for adopting the new technology as per KVK's suggestions. The major factor like variety, RDF, sowing method, Plant protections measures etc. considered during discussion. The BTM & ATM of ATMA (Agril. Deptt)-Ujjain also suggested to farmers time-to-time.
Success point	Avoid fungal mortality due to excess water stagnation at field. Profuse flowering results in more podding for higher yield. The best crop stand at field leads to higher yield Cost of cultivation reduced due to various components of IPM module.
Farmer feedback	Provide mustard hybrid variety under this programme
Outcome yield (q/ha)	
- Demonstration	17.60
- Potential yield of variety/technology	24.00
- District average (Previous year)	8.09
- State average (Previous year)	10.79

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

Used Practice	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha	B:C ratio
Farmer practices	12.80	19,000.00	51,200.00	32,200.00	1.69
Demonstration	17.60	20,000.00	70,400.00	50,400.00	2.52
% Increase	**37.50**				

Quality Photographs:



Field Day on Mustard

Mustard Variety RH 749

Case study of Sh. Nehru Silodiya

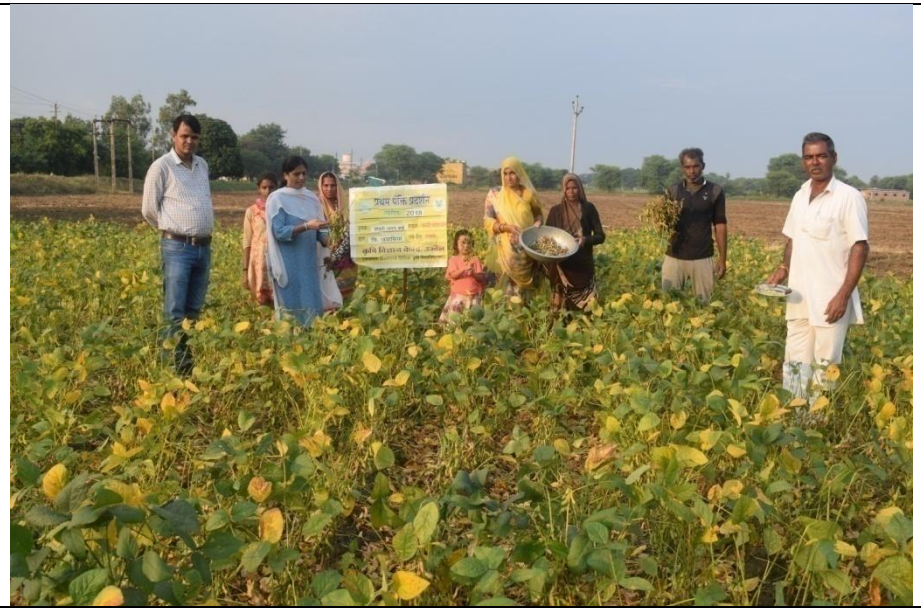
Goats are among the main meat-producing animals in India, whose meat (chevon) is one of the choicest meats and has huge domestic demand. Due to its good economic prospects, goat rearing under intensive and semi-intensive system for commercial production has been gaining momentum for the past couple of years. High demand for goat and its products with potential of good economic returns have been deriving many progressive farmers, businessmen, professionals, ex-servicemen and educated youths to take up the goat enterprise on a commercial scale. The emerging favourable market conditions and easy accessibility to improved goat technologies are also catching the attention of entrepreneurs. A number of commercial goat farms have been established in different regions of the country.

An Framers friends Sh. Nehru Silodiya resident of village-Banskhedi, District-Ujjain, Madhya Pradesh attended a Training Programme on Scientific Goat Farming organized by KVK, Ujjain for 05 days in the year 2015. Being inspired and motivated by the scientists of KVK he started a Goat Rearing in his village in the year 2016. The Goat Rearing was established with 10 local goats reared under stall-fed intensive system of management. Initially he faced a number of problems like high cost of production, mortality and low price of the produce. Under a project on Commercialization of Goat farming and Marketing of Goats in India , the scientist from KVK visited his farm and suggested changes like breed (Sirohi), preparing pure breed animals as breeding stock and effective marketing strategy and strengthening linkages with the other farmers. Simultaneously he also received technical guidance from the scientists of KVK, Ujjain on health management of goats.

Sh. Silodiya introduced changes in his goat farm. Consequently his goat farming project became viable and profitable. Sh. Nehru Silodiya remained continuously in touch with the scientists of KVK through Scientist-Farmer Interactive Meets and Seminars and has been using latest scientific information on goat production for his benefit. The mortality in adults and kids, which was 10 to 40% respectively in the beginning, now has decreased to about 3% to 8 % per annum. Presently he has 22 goats in his farm and prepares pure breed animals mainly of barbary breed of goat for selling them as breeding stock to the farmers and entrepreneurs. He also has some goats of Barbari , and Sirohi breed. He sells his goats only on live body weight basis at the rate of Rs. 120 to Rs. 200 per kg. At present the annual gross revenue of the goat farm is Rs. 3 lakhs and total annual expenditure is Rs. 1 lac giving an annual net income of Rs. 2 lakhs. Sh. Nehru Silodiya has become a well recognized scientific goat farmer of Ujjain Region and various related government departments, NGOs and farmers consider him as a progressive goat farmer. He is being invited as a resource person on goat rearing in different programmes organized by the ATMA and local NGOs. Till date about 200 farmers have visited his farm. Now he is developing and strengthening linkages with the small/ traditional goat farmers of the area for taking up breed improvement and organized marketing.

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

FLD on Bio-fertilizer treatment in Soybean



FLD on Karune Variety of Soybean

FLD on Moongbean Variety TJM-3

FLD on Moongbean Variety TJM-3

	
CFLD on Soyean JS 2029 (Seed Treatment and Vaccination) at Nahariya	**CFLD on Soyean JS 2069 (Seed Treatment and Vaccination)**
	
CFLD on Soyean JS 2029 (Seed Treatment and Vaccination) at Khajuriya Sadar	**CFLD on Soyean JS 2029 (Seed Treatment and Vaccination) at Khajuriya Sadar**

CFLD on Soyean JS 2029 (Seed Treatment and Vaccination) at Guradiya Gurjar

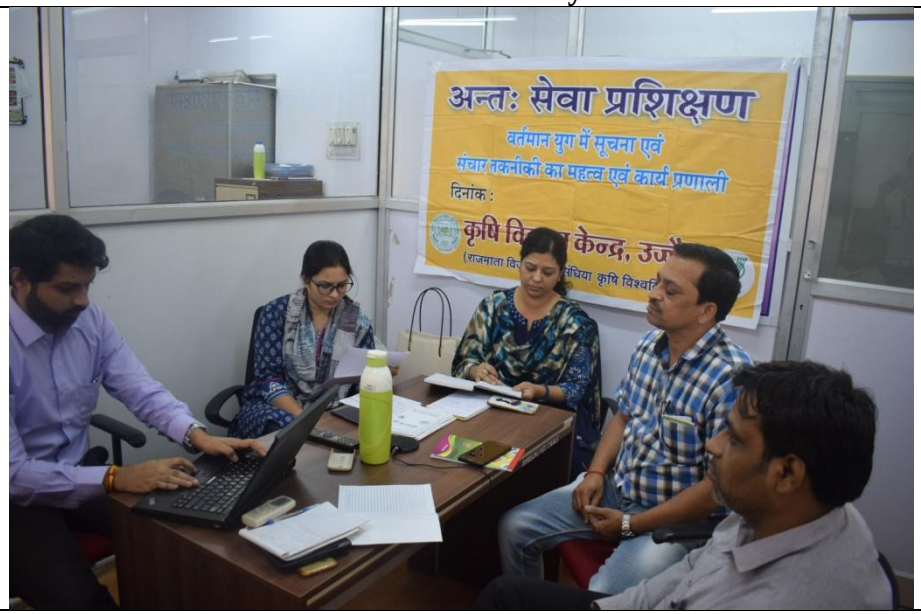
CFLD on Soyean JS 2069 (Seed Treatment and Vaccination) at Guradiya Gurjar

CFLD on Chickpea JG-14 at Sayarkhedi

CFLD on Mustard Variety JM-3

CFLD on Mustard Variety RVM-2

On Campus Training

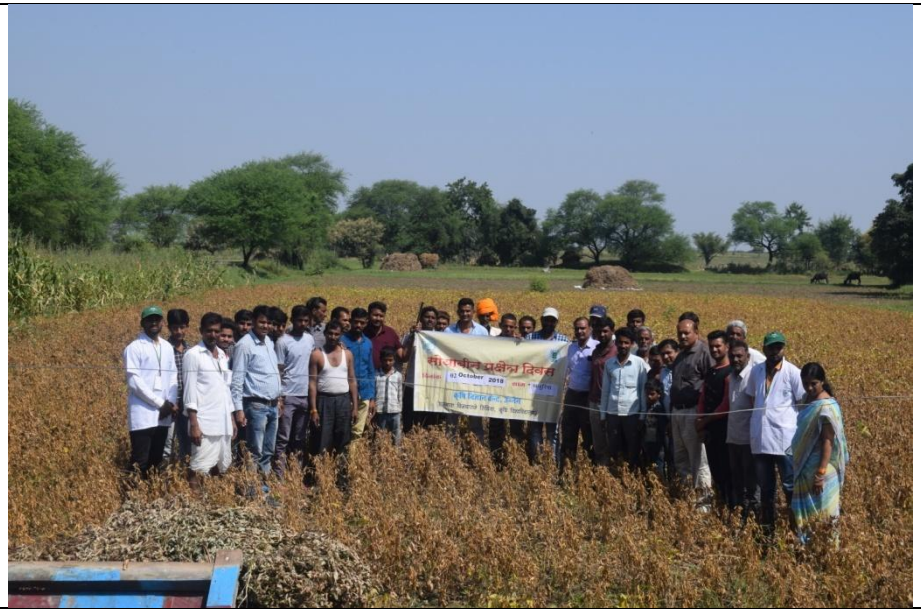


In-service training

Off Campus Training

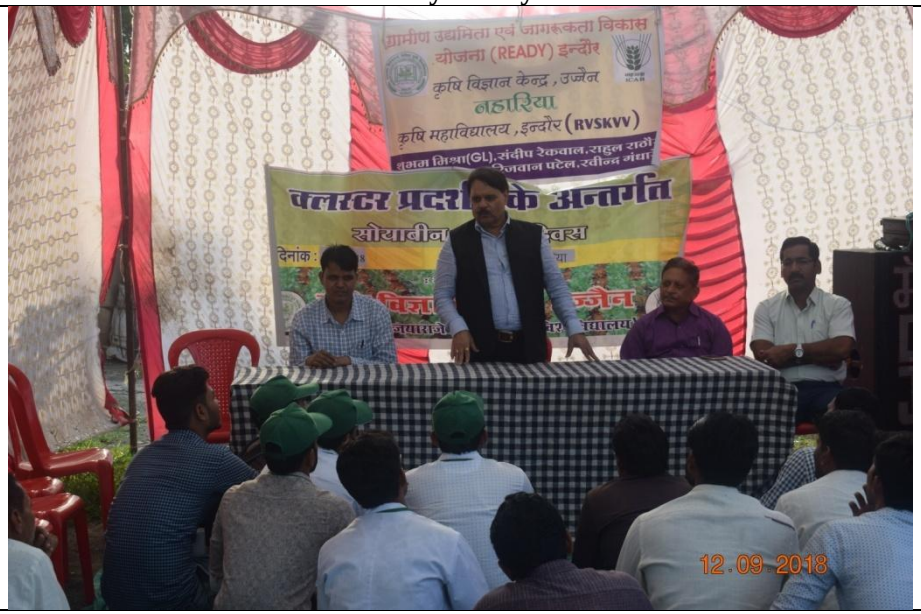
	
Off Campus Training	**Off Campus Training**
	
Off Campus Training	**Off Campus Training**

Field Day on Soybean



Field Day on Soybean

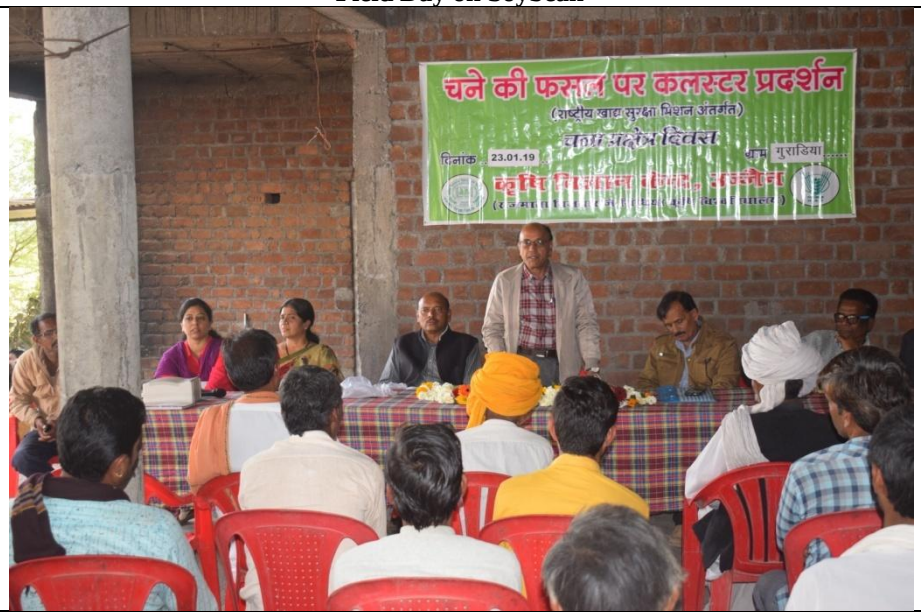
Field Day on Cluster Demo. Plot (Soybean)



Dr. Banafar, DES, RVSKVV addressing during Field Day

Field Day on Soybean

Field Day on Soybean

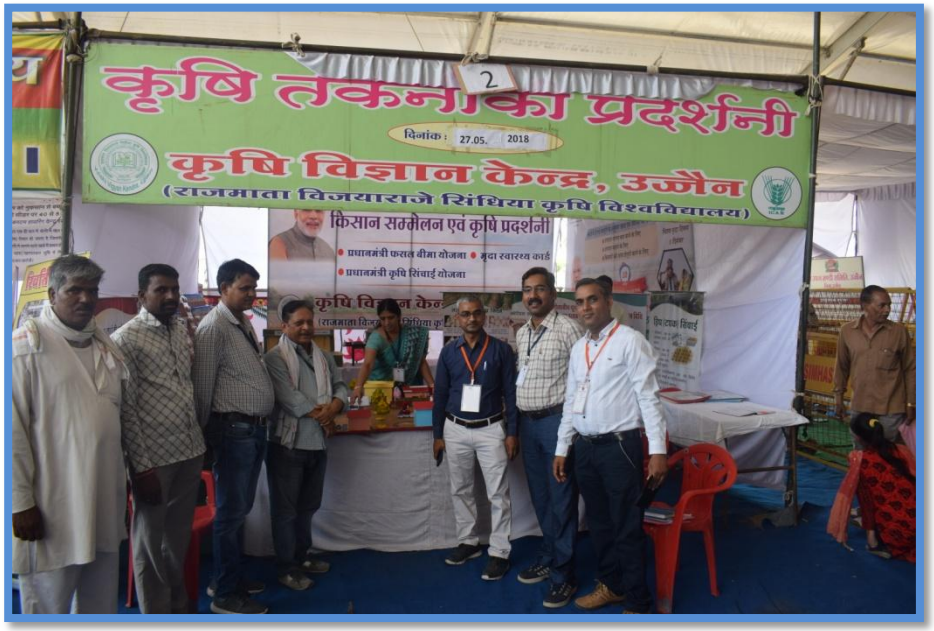


Dr. U.S.Khandkar, Dean, CoA, Indore addressing Farmers during Field Day

Field Day on Cluster Demo. Plot (Chickpea)

Mela organized by ATMA at Mandi Ujjain

KVK exhition during Mela



KVK exhition during Kisan Sammelan

KVK exhition during Kisan Mela at Indore

Demonstrating the Nutri-smart village concept to MLA, TARANA, Ujjain

Kisan Diwas Celebrated at Village Khajuria Sadar

Kisan Diwas Celebrated at Village Khajuria Sadar

Interface of Farmers and Extension Personnels on 7-7-2018

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Celebration of World Environment Day on 5-6-2018

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Chairman Sh. Shukla of Krishi Sthai Samiti Vidhan Sabha addressing

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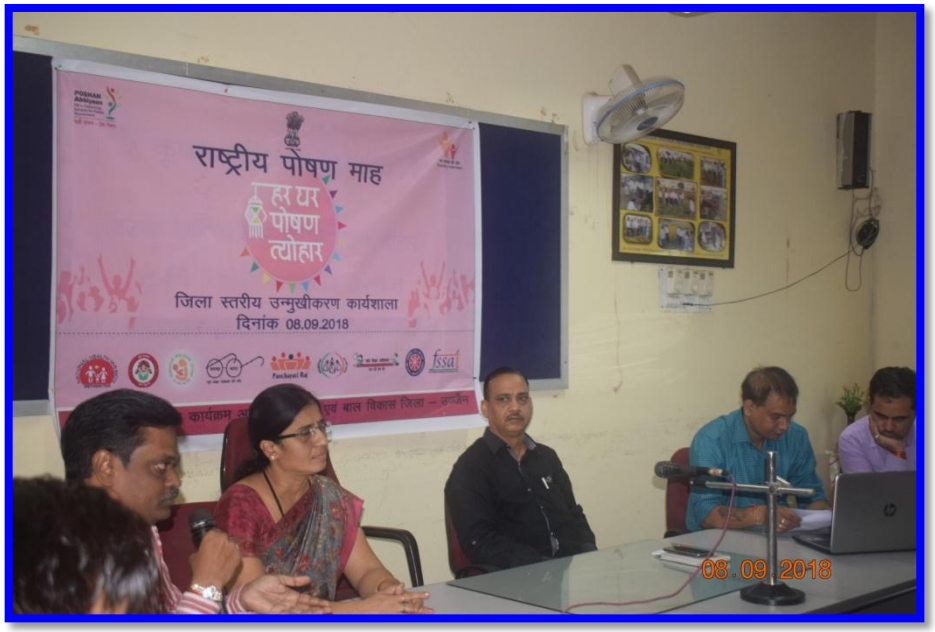
Visit of Krishi Sthai Samiti Vidhan Sabha on 2-8-2018

Visit of Krishi Sthai Samiti Vidhan Sabha on 2-8-2018

Farmer's Visit to KVK

Parthenium Awareness Day Celebration at Guradiya Gurjar

Seedling of Plant Preparing under Aphid Net House



District Level Workshop during National Nutritive Month

	
SAC Meeting Kharif	**SAC Meeting Kharif**
	
SAC Meeting Rabi	**SAC Meeting Rabi**

Webcasting of inaguration of PMKSY by Hon'ble PM at Ujjain

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Sh. Paras Jain, MLA, Ujjain North Addressing the farmers

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Live telecast of Hon'ble PM interaction with Farmers

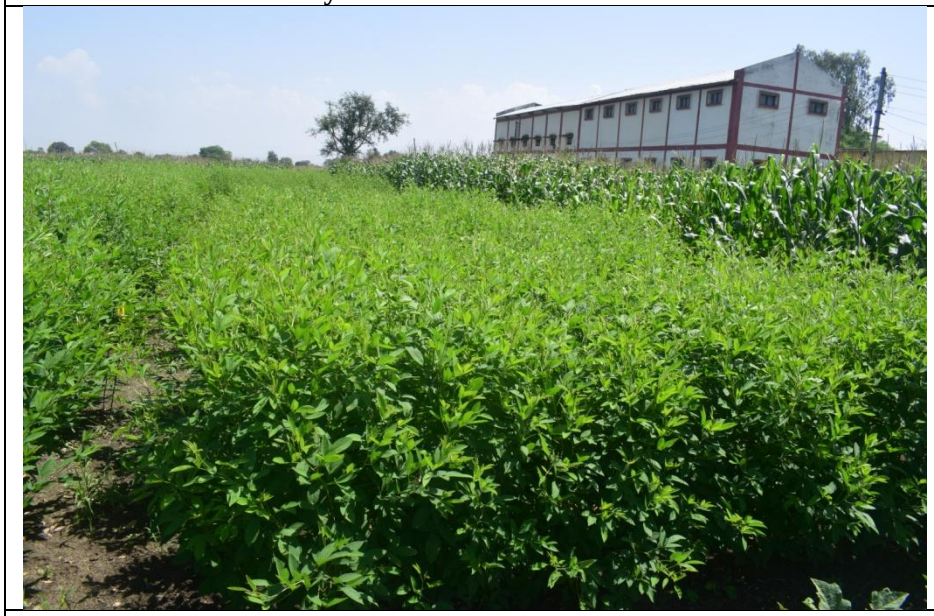
Live telecast of Hon'ble PM interaction with Farmers

Plantation under Environment Protection

Hand Washing Under Swachhta Pakhwada

Hybrid Maize at KVK FARM

PigeonPea at KVK FARM



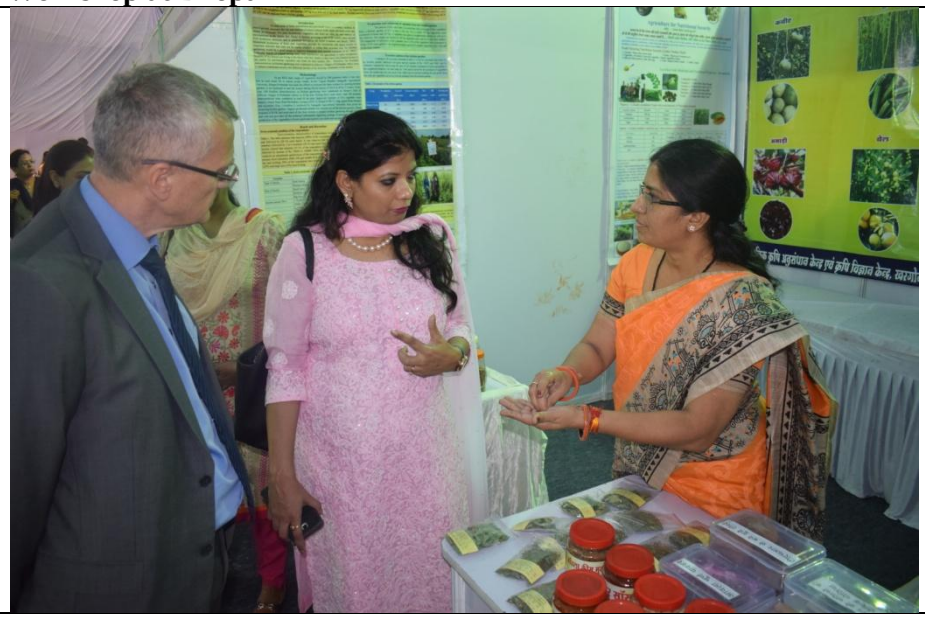
Crops at RARS Ujjain

Farmers visit to Crop Cafeteria

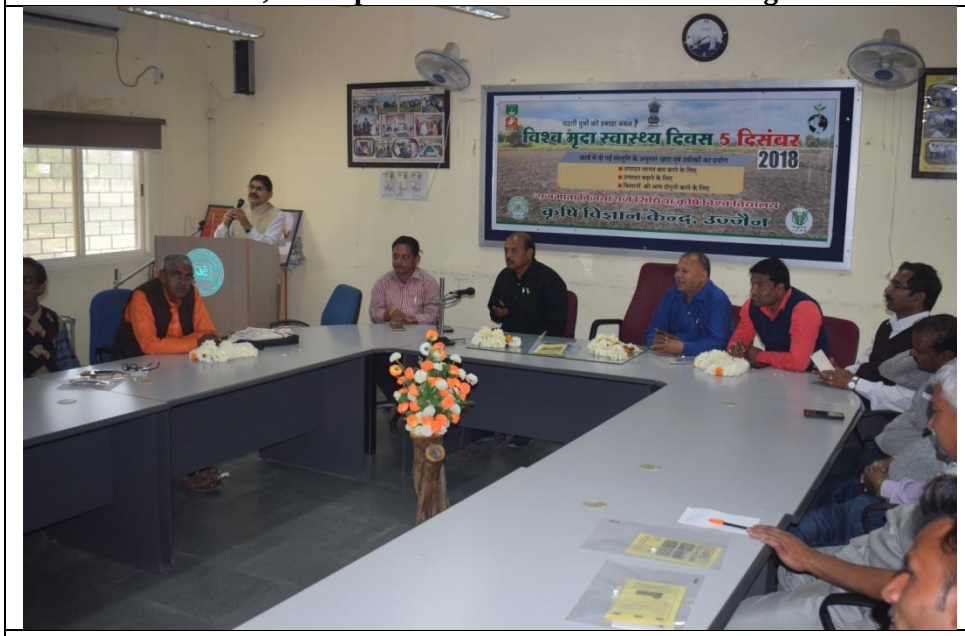
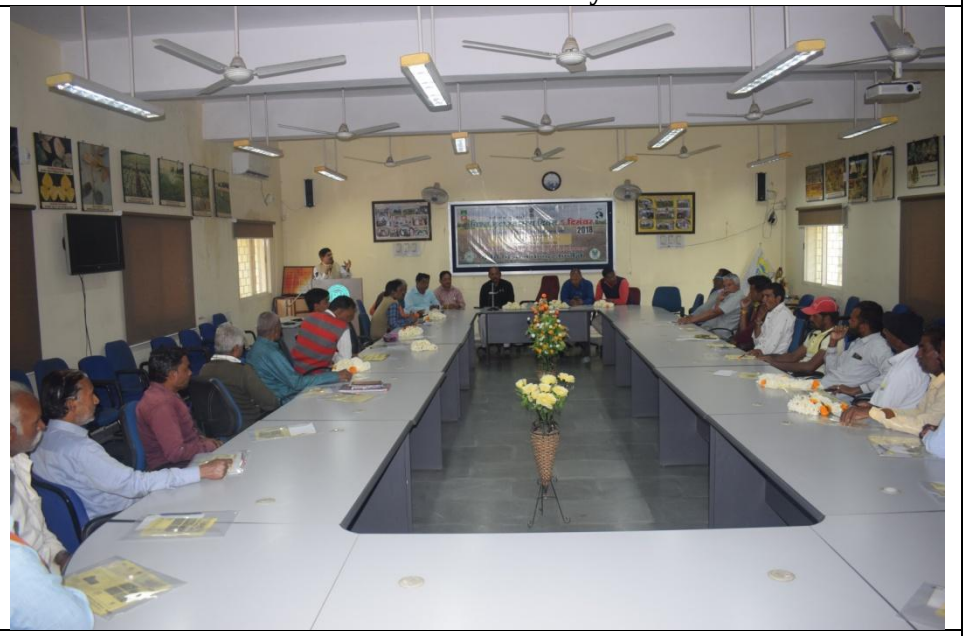
Interaction with Hon'ble VC and DES during Internation Workshop at Bhopal

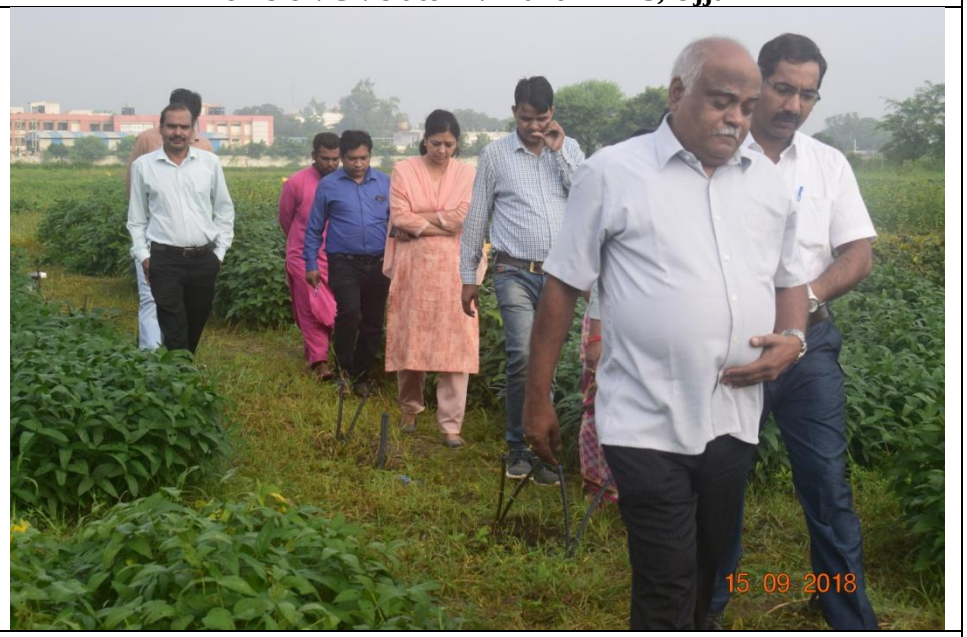
Nutri Smart Village Demonstration to the Deligates during Internation Workshop at Bhopal

Dr. Tiwari briefing about Nutri-smart Village Model to Foreign Delegates



Dr. Tiwari briefing about Nutri-smart Village Model to Foreign Delegates

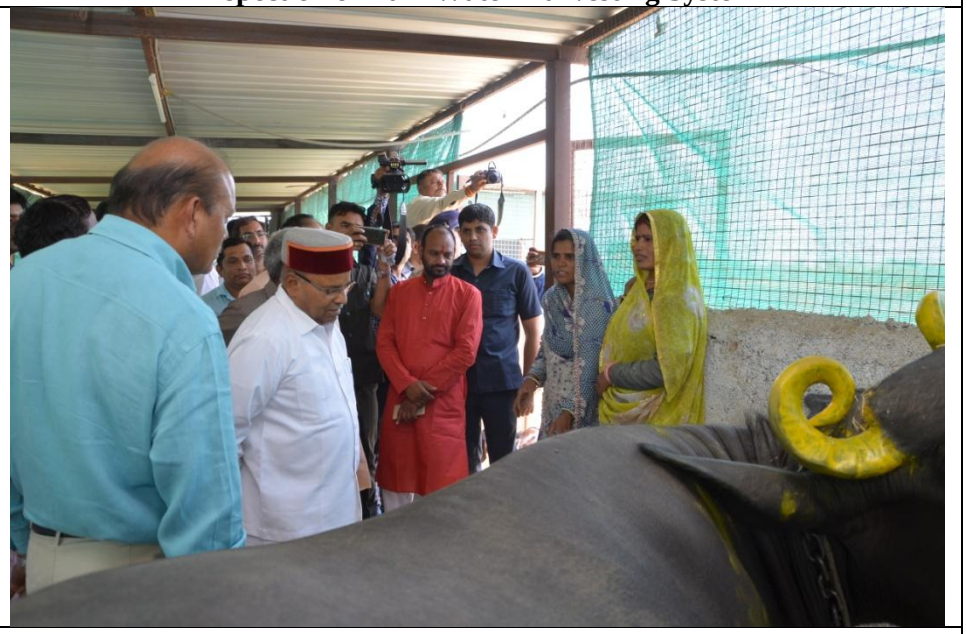
	
Dr.R.P.Sharma, Principal Scientist and Head addressing the House	**Celebration of Soil Health Day 5-12-2018**
	
Sh. D.K.Pandey, Joint Director Agri. addressing the House	**Distribution of Soil Health Card**

	
Hon'ble VC visit to KVK and RARS, Ujjain	**Hon'ble VC visit to KVK and RARS, Ujjain**
	
Hon'ble VC visit to KVK and RARS, Ujjain	**Hon'ble VC visit to KVK and RARS, Ujjain**

Hon'ble Cabinet Minister Sh. T.C.Gehlot visit to KVK, Ujjain

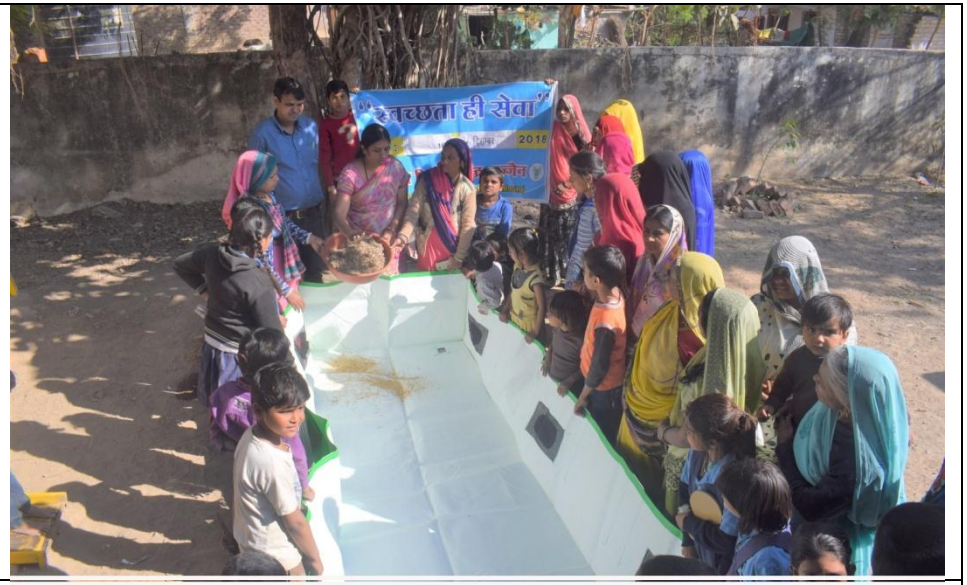
Inspection of Rain Water Harvesting System

Inspection of Vermi Compost Unit

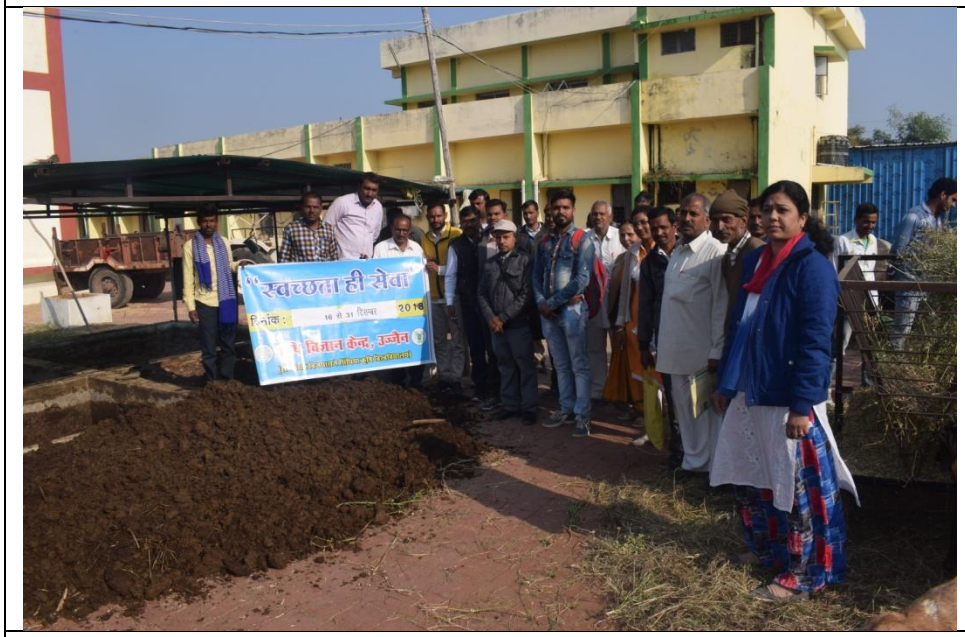


Inspection of Dairy Unit by the Minister

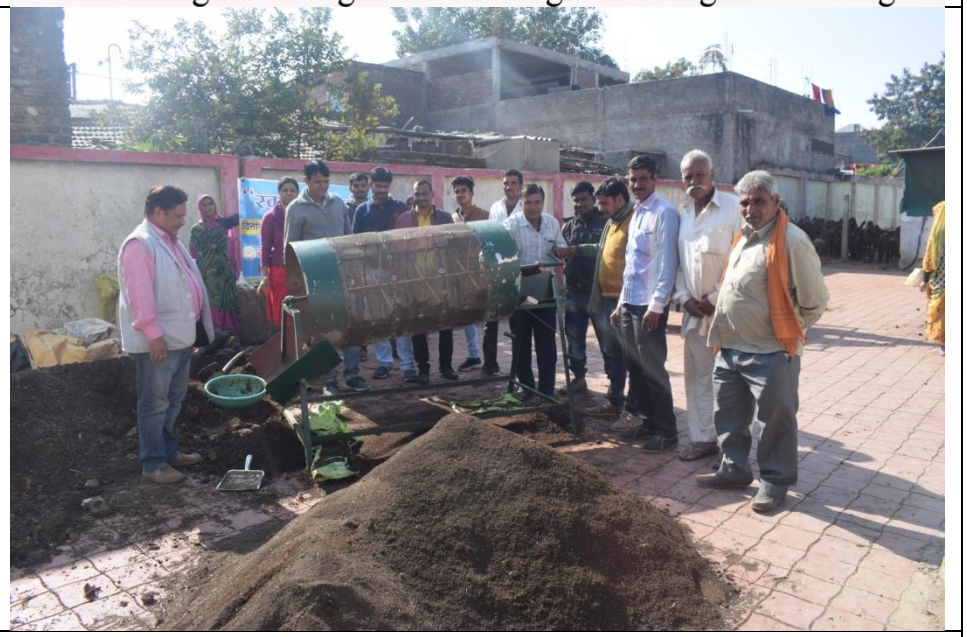
Compost Preparation during Swachhta Pakhwara Celebration



Promoting clean & green technologies and organic farming

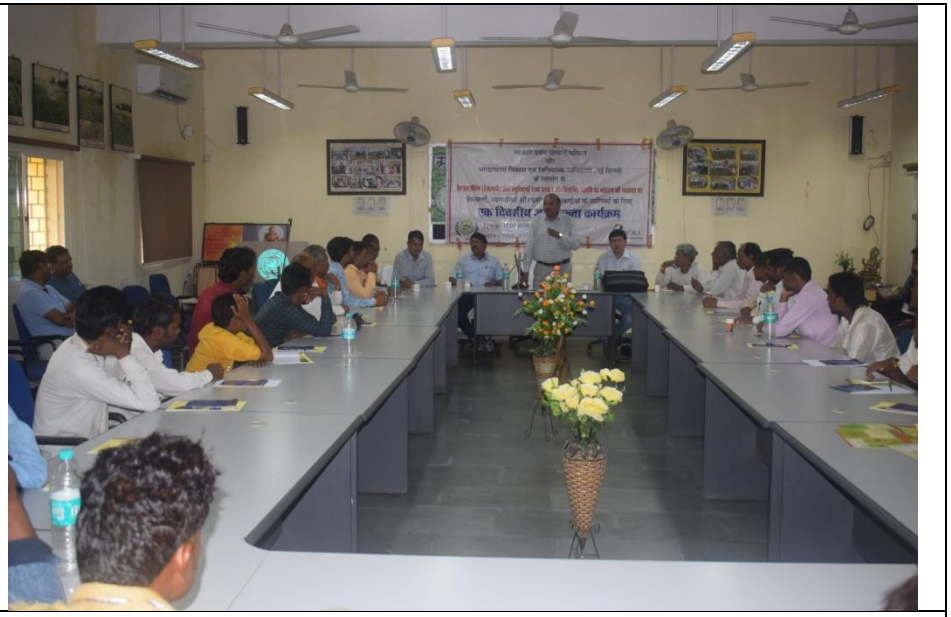


Vermi Compost Preparation Demonstration during Swachhta Pakhwara



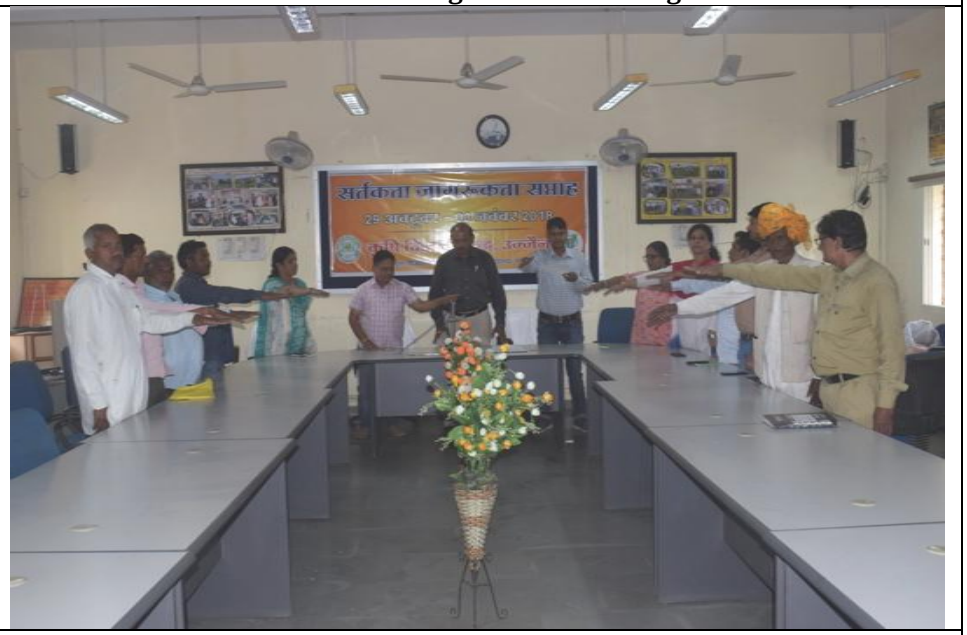
Vermi Compost Preparation Demonstration during Swachhta Pakhwara

Interaction of Hon'ble Minister with KVK Staff



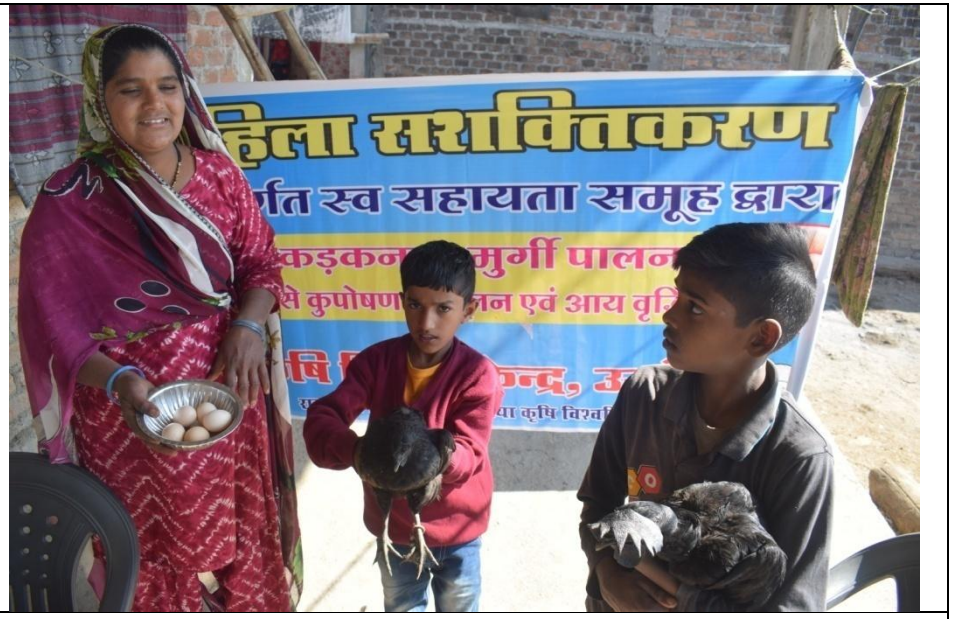
Awareness Programme on Storage

Activity at Nutri – Smart Village



Vigilance Awareness Week Celebration

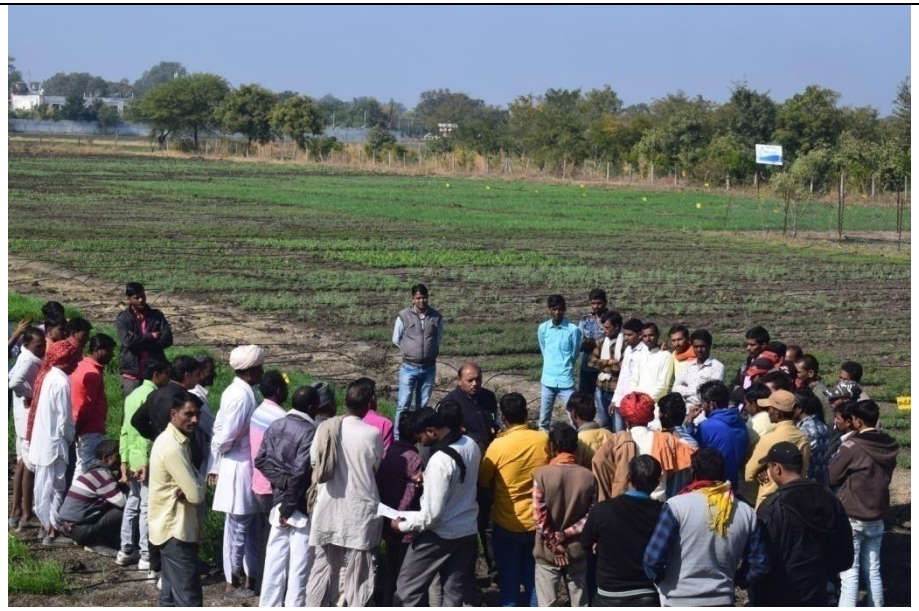
Sh. Verma Ji Retirement



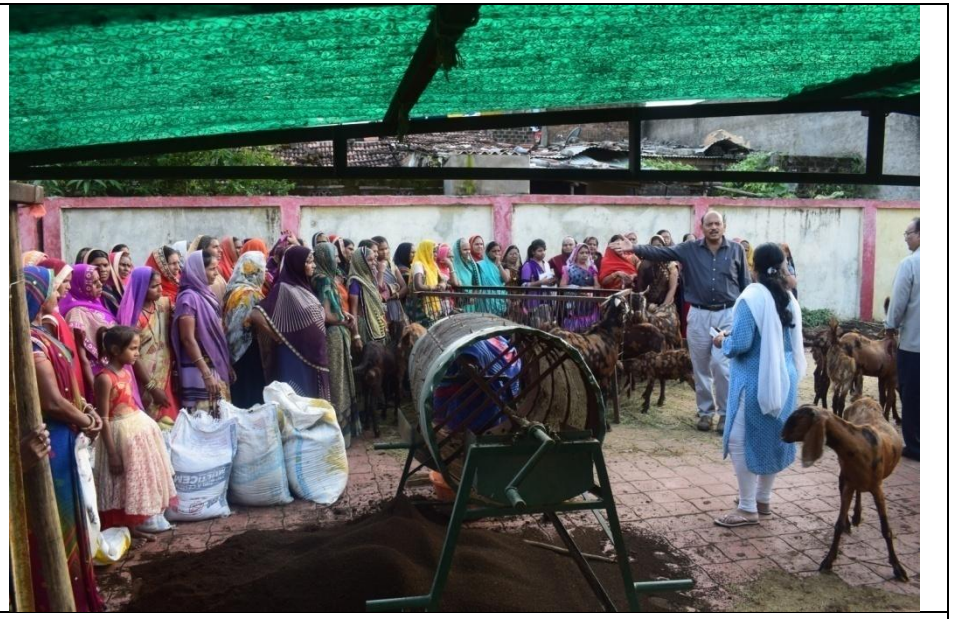
Kadaknath Poulty farming for Women Empowerment

Board Member, RVSKVV Prof V.S.Tomar Visited KVK Ujjain

Seed Production Programme under SEED HUB Project



Farmers Visit to KVK



Farm Women visited to KVK

Scientist Visit to Farmers Field

Scientist Visit and Field Day