



*"Committed to Serve Farming Community"*

CRDE

# CRDE KRISHI VIGYAN KENDRA, SEWANIA

Distt- Sehore, (M.P.)

## ANNUAL PLANNER

April 2017- March 2018

### District Sehore in Brief

- Geographical Area – 656368 ha.
- Cultivated Land – 398894 ha.
- Forest Land – 164039 ha.
- Fallow Land – 9605 ha.
- Irrigated Area – 327688 ha.
- Cropping intensity – 176%
- Total Population – 1311332
- Density – 164 per sq.Km.
- No. of Farmers – 200063

### KVK in Brief

- Establishment - 1999
- Mandates –
- On Farm Testing
- Front Line Demonstration
- Training to Farmer, Farm Women & Rural Youth
- Training to In service Personnel
- Objective – To develop Agriculture in sustainable manner

### Details of operational area

#### Adopted Village-

- Bichhia - Sehore
- Golukhedi - Ichhawar
- Kothara - Nasrullaganj

#### Out reach

- Intensive - 32
- Extensive - 880

### Thrust area

- Crop Management Practice
- Horticulture & Vegetables Crops
- Animal Science
- Integrated Plant Protection Techniques
- Women in Agriculture
- Implements & Farm Machinery
- Value Addition & Processing
- Natural Resources Management
- Doubling Income of Farmers



# Annual Planner April 2017 to March 2018

Activities	Area (ha)	Units	No. of trials/beneficiaries			Kindly mention the 'start' and 'complete' in the respective months of starting and completing the OFT/FLD											
			SC	ST	Others	April,17	May, 17	June,17	July,17	August,17	Sept. 17	Oct. 17	Nov. 17	Dec. 17	Jan. 18	Feb. 18	Mar. 18
<b>Technology assessment proposed in current financial year</b>																	
OFT -1 Assessment of Furrow Irrigated Raised Bed System (FIRBS) machine in Soybean crop	6	5	-		5			Start				End					
OFT -2 Assessment of Pusa Hydrogel in irrigated wheat crop.	4	5	-	-	5							End	Start				End
OFT-3 Assessment of Wheat variety HI 1605 (Pusa Ujala) in Semi irrigated Condition.	3	5	-	-	5							Start					End
OFT- 4 Assessment of promising varieties of Kharif Onion for higher yield and income	0.75	5	1	-	4	Start						End					
OFT-5 Assessment of Black Plastic Mulch in vegetable crops	1.5	5	1	-	4		Start							End			
OFT-6Assessment of Tomato Hybrid Arka Rakshak	0.75	5	-	-	5					Start							End
OFT-7Assessment of Integrated Management of Diamond Black Mouth in Cabbage and cauliflower.	1.5	5	-	-	5							Start				End	
OFT- 8 Assessment of on Foliar Spray Potassium Nutrient in Soybean crop	6	10	2	-	8			Start				End					
OFT-9 Assessment of INM in Hybrid Maize crop	1.5	10	2	-	8			Start				End					
OFT-10 Assessment of INM in Chick pea crop	1.5	10	2	-	8							Start				End	
OFT-11 Assessment of INM in Onion Crop	1.5	10	2	-	8								Start				End
OFT- 12 Assessment of effective use of different information sources for production technology of onion & Garlic..	-	90	5	-	85							Start					End
OFT-13 Assessment of Adoption of Soil Health Card Based Fertilizer Application in Wheat Crop.	-	90	5	-	85				-	-	-	Start					End
OFT-14 Assessment of PUSA KRISHI android mobile apps for information gaining	-	90	5	-	85							Start					End
OFT- 15 Assessment of IPM module for the management of fruit fly in cucurbits (Bottle gourd & Pumpkin)	1.5	10	-	-	10												
OFT- 16 Assessment of IPM module for the management of gram pod borer in chickpea	3	10	-	-	10												
OFT- 17 Assessment of IPM module for the management of termite in wheat under semi irrigated condition	3	10	-	-	10												
OFT- 18 Assessment of IDM module for the management of Yellow mosaic disease in Green Gram	1.5	10	-	-	10												
OFT- 19 Assessment the impact of Electrolytes to control heat stress condition in poultry	-	10	3	-	7		Start			End							
OFT- 20 Assessment of Bajara + Cowpea on production performance of lactating buffalo	0.8	5	0	-	10		Start			End							
OFT- 21 Assessment of chelated minerals supplement on milk yield in cow	-	5	2	-	8							Start			End		
OFT- 22 Assessment of Round the year green fodder production & use of cow dung as vermi composting	1	5	0	-	10			Start									
<b>Technology assessment ongoing from previous year</b>																	
OFT-1 Assessment of Black Plastic Mulch in vegetable crops	1.5	5		1	4		End										
OFT-2 Assessment of INM in Onion crop	1.5	10	2		8		End										
<b>Technology Demonstration proposed in current financial year</b>																	
Pulse -1 Production Technology of Pigeon pea crop	4	5	-	-	5			Start						End			
Pulse -2 Production Technology of Green gram crop	2	5	-	-	5												Start
Others Oilseed & Pulse -1 Production Technology of Hybrid Maize	4	10	4	-	6			Start				End					
Others Oilseed & Pulse – 2 Demonstration of IWM in Paddy crop	4	10	-	2	8				Start				End				
Others Oilseed & Pulse – 3 Demonstration of IWM in Wheat crop	4	10	-	-	10							Start					End
Others Oilseed & Pulse – 4 Demonstration of HI 8713 wheat variety under irrigated condition	4	10	-	-	10							Start					End
Others Oilseed & Pulse -5 Demonstration of Cropping System Okra – Spinach - Onion	0.5	5	1	-	4		Start										End
Others Oilseed & Pulse-6 Demonstration of Plug Tray for raising healthy seedlings	1	10	2	-	8			Start							End		
Others Oilseed & Pulse-7 Demonstration on Kitchen gardening in Backyard for nutritional and Livelihood security	0.4	15	3	2	10		Start										End
Others Oilseed & Pulse -8 Demonstration of improved variety Garlic G-282	1	5	1	-	4						Start						End
Others Oilseed & Pulse -9 Demonstration of RDF as per STV in Soybean crop	2	5	1	-	4			Start				End					
Others Oilseed & Pulse-10 Demonstration of INM in Soybean- Wheat cropping System	2	5	1	-	4			Start				End					
Others Oilseed & Pulse-11 Demonstration of STCR in Wheat crop	2	5	1	-	4							Start					End
Others Oilseed & Pulse-12 Demonstration of INM in Garlic crop	1	10	2	-	8							Start					End
Other Oilseed & Pulses -13 Demonstration of IPM module for the management of stem borer in maize crop	2	10	2	-	8												
Other Oilseed & Pulses -14 Demonstration of IDM module for the management of leaf curl disease in chilli	1	5	-	-	5												
Other Oilseed & Pulses -15 Demo. of IDM module for the management of wilt, root rot & collar rot disease in chickpea	2	5	2	-	3												
Other Oilseed & Pulses -16 Demonstration of Foliar spray of Imidacloprid 17.8SL @ 125 ml/ha in Onion	4	10	3	-	7												
Enterprises -1 Demo. of balance feeding with Azolla in cross breed cows	-	10	-	-	10				Start					End			
Enterprise – 2 Demo. of calf management of buffalo for manage calf mortality	-	10	-	-	10					Start						End	
Enterprise – 3 Demo. of Vitamin E subclinical mastitis of buffalos	-	10	-	-	10						Start					End	
Enterprise – 4 Demo. of improved breed for Back yard Poultry	-	10	-	10	0								Start				
Enterprise– 5 Demonstration of parasite management in lactating cows	-	10	2		8						Start					End	
<b>Technology Demonstration ongoing from previous year</b>																	
Pulse -1 Production Technology of Green gram crop	2	5	1	-	4				End								
FLD -2 Demonstration of Application of NAA@100 PPM at flowering stage in Bitter gourd	1	5	1	-	4				End								
FLD-3 Demonstration of INM in Green gram	2	5	1	-	4				End								
FLD -4 Demonstration of imidachloroprid 17.8 % S.L for the management of sucking pest in rabi onion	4	10	-	-	10				End								
FLD -5 Demonstration of improved breed for Back yard Poultry	-	10	10	-	-							End					

					April,17	May, 17	June,17	July,17	August,17	Sept. 17	Oct, 17	Nov. 17	Dec. 17	Jan. 18	Feb. 18	Mar. 18
Trainings for farmers and farm women	No of courses - 62					5	9	5	7	6	15	6	1	4	3	1
No. of participants -1695		SC	Male	-	11	34	7	11	10	30	7	5	15	8	5	
			Female	-	-	15	15	12	15	49	10	-	-	-	-	
		ST	Male	-	8	6	2	6	-	15	12	2	-	5	-	
			Female	-	-	6	-	2	5	5	AFDR	-	-	-	-	
		Others	Male	-	106	105	66	83	65	275	56	18	86	62	20	
			Female	-	-	89	40	68	65	83	65	-	-	-	-	
Rural Youth	No of courses - 16				1	3	1	3	1	1	1	3	1	1	1	
No. of participants - 400		SC	Male	3	-	8	5	19	5	2	5	23	3	5	-	
			Female	-	-	3	-	-	-	-	-	-	-	-	-	
		ST	Male	2	-	9	-	14	-	2	-	9	2	-	-	
			Female	-	-	-	-	0	-	-	-	-	-	-	-	
		Others	Male	20	-	33	20	42	20	21	20	38	20	20	-	
			Female	-	-	22	-	-	-	-	-	-	-	-	-	
Skill Development trainings	No of courses -11							2	3	2	1	2	1			
No. of participants - 130		SC	Male	-	-	-	-	4	4	-	4	4	-	-	-	
			Female	-	-	-	-	-	3	10	-	-	-	-	-	
		ST	Male	-	-	-	-	1	2	-	6	3	-	-	-	
			Female	-	-	-	-	0	10	-	-	-	-	-	-	
		Others	Male	-	-	-	-	15	14	10	-	13	10	-	-	
			Female	-	-	-	-	0	7	10	-	-	-	-	-	
In-service	No of courses -20				1	7	2		3	3	-	3	1			
No. of participants -445		SC	Male	-	-	-	-	-	3	-	-	-	-	-	-	
			Female	-	-	-	-	-	-	-	-	-	-	-	-	
		ST	Male	-	-	-	-	-	2	-	-	-	-	-	-	
			Female	-	-	-	-	-	-	-	-	-	-	-	-	
		Others	Male	-	20	105	45	-	60	40	-	45	20	-	-	
			Female	-	-	35	5	-	5	25	-	30	5	-	-	
Field Days	No of Programmes -26				1				5	3	1	2	3	5	6	
No. of participants- 852		SC		-	3	-	-	-	21	28	10	15	16	16	57	
		ST		-	-	-	-	-	2	9	-	-	2	5	5	
		Others		-	37	-	-	-	147	58	15	50	87	134	135	
Kishan Mela	No of Programmes -01				-	-	-	-	-	-	1	-	-	-	-	
No. of participants- 1107		SC		-	-	-	-	-	-	-	255	-	-	-	-	
		ST		-	-	-	-	-	-	-	165	-	-	-	-	
		Others		-	-	-	-	-	-	-	670	-	-	-	-	
Scientists visit to farmers'field	No of Programmes -131				4	8	12	14	15	11	12	13	12	15	10	5
No. of participants- 1221		SC	-	5	8	12	15	15	10	8	12	8	15	4	5	
		ST	-	3	6	9	7	7	5	5	5	5	5	4	3	
		Others	-	32	64	91	100	115	95	102	95	100	114	92	40	
Farmers visit to KVK	No of Programmes-365				60	120	315	226	278	240	240	270	200	410	485	412
No. of participants-3256		SC		12	20	40	50	50	40	50	60	40	70	75	70	
		ST		8	10	40	26	36	50	40	40	60	60	85	60	
		Others		40	90	235	150	192	150	150	170	100	300	325	282	
Other extension activities	No of Programmes - 62				4	7	9	6	6	8	6	6	6	6	4	
No. of participants-1619		SC		-	-	20	25	20	20	25	25	5	5	5	5	
		ST		-	-	10	10	15	20	12	10	10	15	20	15	
		Others		-	-	115	135	155	145	115	145	125	132	115	145	
Kishan Mobile Advisories	No. of advisories sent - 49				4	4	4	4	5	4	4	4	4	4	4	
	No of farmers registered - 30000															



## Technological input to be Produce

### Seed :-

* Paddy (Variety – Pusa - 1121)	-	70 Qtl.
* Paddy (Variety – Sahbhagi)	-	20 Qtl.
* Wheat (Variety – HI - 8759)	-	40 Qtl.
* Wheat (Variety – HI - 1544)	-	30Qtl.
* Wheat (Variety – HI - 1605)	-	30 Qtl.
* Wheat (Variety – DBW - 110)	-	20 Qtl.
* Pigeon Pea (Variety – TJT-501)	-	10 Qtl.
* Pigeon Pea (Variety – TT-401)	-	10 Qtl.
* Pigeon Pea (Variety – IPA 2010-30-5)	-	10 Qtl.
* Green gram (Variety – TJM-37)	-	05 Qtl.
* Chick pea (Variety – RVG- 202)	-	20 Qtl.
* Chick pea (Variety – JAKI 9218)	-	20 Qtl.
* Soybean (Variety – RVS – 2001- 4)	-	15 Qtl.
* Soybean (Variety – JS – 2034)	-	15 Qtl.
* Garlic (Variety – G- 282)	-	28 Qtl.

### Seedlings - (Hybrids)

\* Tomato, Brinjal, Cauliflower ,Chilli, Onion, Lemon – 31100 No.

### Saplings -

* Drumstick (Variety – PKM- 1)	– 2500 No.
* Papaya (Variety - Vinayak Hybrid)	– 2000 No.
* Guava (Variety – Lalit)	– 500 No.
* Guava (Variety – Shweta)	– 500 No.

## Literature to be developed :-

* Technical Bulletin	– 04
* Technical Report	– 06
* News Letter	– 4000
* Extension Folder	– 14
* CD Development	– 06
* Success Story	– 06
* Case Study	– 04
* Listing of Innovators farmers	– 10
* Progressive farmers meet	– 02

## Technologies exhibited at KVK Instructional Farm.

* Seed Production	* Azolla Unit
* Gobar gas plant	* Orange Orchard
* Vermi compost Unit	* Custard apple
* Nadep compost Unit	* Horticulture (Tools)
* Sprinkler	* Poultry Unit
* Drip Irrigation	* Honey bees
* Dairy Unit	* Goatry
* Finger lings Production	



धान उत्पादन की उन्नत तकनीक



नाडेप कम्पोस्टिंग



अजौला उत्पादन



वर्मी कम्पोस्टिंग



क्राफ कैफेटेरिया



पपीता बागवानी



अन्तरवर्ती फसल गेंदा

## CRDE- KRISHI VIGYAN KENDRA

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