DETAILS OF ACTION PLAN OF KVKs DURING 2023
(1st January 2023 to 31st December 2023)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail	Website
	Office	FAX		
Krishi Vigyan Kendra, Tonk Banasthali Vidyapith District – Tonk, Rajasthan – 304022	01438-228333	01438-228365	kvktonk@gmail.com	www.tonk.kvk2.in

1.2 .a. Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail	Website
	Office	FAX		
Secretary, Banasthali Vidyapith PO – Banasthali Vidyapith, District – Tonk, Rajasthan – 304022	01438-228324	01438-228365	vcoff@yahoo.com	www.banasthali.org

1.2.b. Status of KVK website: Yes

1.2.c. No. of Visitors (Hits) to your KVK website (as on today):2007215

1.2.d. Status of ICT lab at your KVK: No

1.3. Name of the Programme Coordinator with phone & mobile no.

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. D.V. Singh	01438-228333	7455014461	kvktonk@gmail.com

1.4. Year of sanction: 1995

1.5. Staff Position (as on 1 January, 2023)

S. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Grade Pay	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)	Mobile No.	Email id	Please attach recent photograph
1	Programme Coordinator	Dr. D.V. Singh	Senior Scientist & Head	Agricultural Extension	-	-	-	27/01/2018	-	GEN.	9410000339	drdvs.icar@gmail.com	
2	Subject Matter Specialist	Dr. R.C. Yadav	Subject Matter Specialist	Plant Protection	-	-	-	23/05/1996	Permanent	OBC	9460517934	y_ramcharan@yahoo.com	
3	Subject Matter Specialist	Sh. Banshidhar	Subject Matter Specialist	Agronomy	-	-	-	19/10/1997	Permanent	OBC	9414440085	kvktonk@gmail.com	
4	Subject Matter Specialist	Sh. Naresh Kumar Agarwal	Subject Matter Specialist	Horticulture	-	-	-	14/11/2015	Contract	GEN.	9828291648	Neetu85naresh@gmail.com	

5	Subject Matter Specialist	Dr. Preeti Verma	Subject Matter Specialist	Home Sc.	-	-	-	24/12/2017	Contract	GEN.	9461395307	Preetiv335@gmail.com	
6	**Subject Matter Specialist**	**Vacant**	**Subject Matter Specialist**	**Animal Science**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
7	**Subject Matter Specialist**	**Vacant**	**Subject Matter Specialist**	**Soil Science**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
8	**Programme Assistant**	**Vacant**	**Programme Assistant**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
9	**Farm Manager**	**Vacant**	**Farm Manager**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
10	Computer Programmer	Sh. Mithileshwar Nath Upadhyay	Computer Programmer	Computer	-	-	-	09/11/2008	Contract	GEN.	9309427699	Mithisms_mnu@yahoo.com	
11	Accountant / Superintendent	Sh. Ramnarayan	Accountant / Superintendent (LDC)	B.Tech (EC)	-	-	-	01/07/2022	Contract	OBC	9799779888	Gurjarram459@gmail.com	
12	Stenographer	Sh. Ashutosh Sharma	Stenographer	Stenographer	-	-	-	11/09/2008	Contract	GEN.	8005518140	kvktonk@gmail.com	
13	**Driver**	Vacant	Driver	Driver-cum-mechanic	-	-	-	-	-	-	-	-	
14	Driver	Sh. Bajrang Singh	Driver	Driver-cum-mechanic	-	-	-	01/10/2012	Contract	GEN.	9509946291	kvktonk@gmail.com	
15	Supporting staff	Mohan Singh	Supporting staff	Supporting staff	-	-	-	08/08/ 2013	Contract	GEN.	-	NA	NA
16	Supporting staff	Suresh Singh	Supporting staff	Supporting staff	-	-	-	23/05/1996	Contract	GEN.	-	NA	NA

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	1.39
2.	Under Demonstration Units	1.30
3.	Under Crops (Cultivated)	20.12
4.	Horticulture (Orchard)	3.42
5.	Pond	1.87
6.	Others if any	1.71
	Total	**29.81**

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Year	Plinth area (Sq. m)	Expenditure (Rs.)	Starting year	Plinth area (Sq. m)	Status of construction
1.	Administrative Building	ICAR	1998 – 99	658	20.07 lac			(-) 1.23 lac
2.	Farmers Hostel	ICAR	2002 – 2003	305	16.44 lac			(-) 2.99 lac
3.	Staff Quarters (6)	ICAR	2002 – 2003	400	19.94 lac			(-) 3.70 lac
4.	Seed processing & packaging unit	GOR	2004 – 2005	260	11.50 lac			
5.	Threshing floor	ICAR	2004 – 2005	380	1.55 lac			(-) 0.55 lac
6.	Soil & Water Testing Laboratory	ICAR	2004 – 2005	110	8.60 lac			
7.	Fruit & Vegetable Processing Unit	ICAR	2004 – 2005	-				
8.	Rain Water harvesting system	ICAR	2006 – 2007	2500	11.72 lac			(-) 1.72 lac
9.	Drip Irrigation System	ICAR	2006 – 2007	-				
10.	Nursery Unit	ICAR	2006 – 2007					
11.	Farm go down	ICAR	2009 – 2010	50	3.96 lac			(-) 0.15 lac
12.	Implement Shed	ICAR	2011 – 2012	135	3.30 lac			(-) 0.30 lac
13.	Boundary Wall cum Fencing	RF	2012 – 2013	2.5 Km	83.00 lac			
14.	Plant Health Clinic	ICAR	2011 – 2012	-	10.00 lac			
15.	Goat Unit	ICAR	2017 – 2018	-	3,60,583/-			
16.	Poultry Unit	ICAR	2017 – 2018	-				
17.	Mushroom Unit	ICAR	2017 – 2018	-				
18.	Orchard with Drip Irrigation	ICAR	2017 – 2018	-	80,240/-			
19.	Vermicompost Unit	ICAR	2017 – 2018	-	37,291/-			
20.	Bee-keeping Unit	ICAR	2017 – 2018	-	46,537/-			
21.	Drip Irrigation in Vegetable	RWSLIP	2020 – 2021	-	80,000/-			
22.	Power Reaper	RF	2020 – 2021	-	1,26,000/-			
23.	Rotavator	RF	2020 – 2021	-	85,000/-			
24.	Hydroponics Fodder Unit	RF	2021 – 2022	-	29,500/-			
25.	Hydroponics Vegetable Unit	RF	2021 – 2022	-	14,750/-			

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total Run (Km/Hour)	Present status
Jeep (Bolero)	2015 – 2016	8.00 lac	139364 Km	OK
Motorcycle	2010 – 2011	0.45 lac	64850 Km	OK
Tractor (Massey)	1995 – 1996	2.53 lac	3680 Hour	OK
Tractor (Mahindra 5750)	2020 – 2021	5.78 lac	2450 Hour	OK

C) Equipments& AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Overhead Projector	1996 – 1997	6,300/-	OK
Slide Projector	1996 – 1997	10,600/-	OK
Screen	1996 – 1997	1,550/-	OK
LCD Projector	2006 – 2007	59,000/-	OK
Computer System	2006 – 2007	41,300/-	OK
Sony Digital Camera	2006 – 2007	13,999/-	OK
Sony Handy Cam	2006 – 2007	22,990/-	OK
KONICA MINOLTA (Xerox cum Printer)	2009 – 2010	51,975/-	OK
Fax Machine	2009 – 2010	13,900/-	OK
Sony Cybershot Digital Camera	2009 – 2010	25,820/-	OK
HP Computer System (Printer, Scanner, UPS)	2010 – 2011	42,718/-	OK
Computer Furniture	2010 – 2011	10,600/-	OK
EPBAX System	2010 – 2011	45,525/	OK
PA System	2010 – 2011	31,401/-	OK
Book Case	2010 – 2011	5,500/-	OK
Plant Health Clinic Equipments & Accessories	2011 – 2012	9,60,633/-	OK
LCD Projector SONY (New)	2013 – 2014	63,000/-	OK
Spectrophotometer	2013 - 2014	1,17,000/-	OK
Flame Photometer	2013 - 2014	45,000/-	OK
Dell Inspiron 15 Series Laptop	2013 - 2014	44,100/-	OK
Soil Testing Kit STFR	2015 – 2016	89,000/-	OK
Light Trap	2015 – 2016	13,000/-	OK
Desktop Computer System	2015 – 2016	26,875/-	OK
Soil Testing Kit STFR	2016 – 2017	89,000/-	OK
Desktop Computer System (02)	2016 – 2017	61,000/-	OK
GPS Machine (e-TRAX Garmin)	2017 – 2018	10,000/-	OK
SONY Camera	2018 – 2019	29,000/-	OK
Split Type AC (1.5 T) – 1 Unit	2019 – 2020	31,850/-	OK
PeopleLink Full HD WebCam	2020 – 2021	10,750/-	OK
Portable Projector M1	2020 – 2021	29,900/-	OK
DELL Laptop (3593)	2020 – 2021	74,250/-	OK
LED TV (55'')	2020 – 2021	40,500/-	OK
Split Type AC (2.0 T) – 1 Unit	2020 – 2021	43,300/-	OK
Window AC (2.0 T) – 2 Unit	2020 – 2021	64,000/-	OK
Office Furniture	2020 – 2021	193,219/-	OK
Agri-boat Drone	2022 – 2023	9,98,000/-	OK

1.8. A). Details of SAC meetings to be conducted in the year (2022)

S.No.	Name of Programme	Date
1.		
2.		

2. DETAILS OF DISTRICT

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming System/ Enterprise
1	Sorghum - Fallow
2	Seas mum - Fallow
3	Green Gram - Fallow
4	Pearl millet - Gram
5	Sorghum - Mustard
6	Seas mum - Gram
7	Black gram - Mustard
8	Cotton - Mustard
9	Cluster Bean - Fallow
10	Cluster bean - Wheat

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

a) Soil type

S.No.	Agro-climatic Zone	Characteristics
1	Semi Arid Eastern Plain zone III A of Rajasthan	These zones have alluvial as well as black soils in some Districts. Only 28% area is irrigated and Pearl millet, Sorghum, Green gram, Black gram, Seas mum, Mustard, Wheat, and Chickpea are the main crops of Kharif and Rabi in this region.

b) Topography

S.No.	Agro ecological situation	Characteristics
1.	The district Tonk is situated in mid eastern part of Rajasthan falling in semi eastern plain zone III A. Out of the available 4.8 Lac ha cultivable land, only 1.9 Lac ha is sown more than once in a year. Around 40% land is problematic with brackish water. The major sources of irrigation are wells and ponds (Number 194). However, the irrigated area varies with precipitation and water availability in ponds. The average size of holding is 3.4 ha. Diversity of soils is immense. Rains cause ponding condition and water stress is experienced at later stages of crop growth. Around 21 percent and 12 percent population spreading in 1089 villages belongs to SC and ST categories respectively. Major crops are sorghum, groundnut, pearl millet, Green gram, Black gram, mustard, wheat, barley, Chickpea, spices & vegetables in that order having wide realizable yield gaps. Cows and bullocks (2.5 Lac), buffaloes (3.10 Lac) sheep (2.54 Lac) goats (3.93 Lac) constitute the major bulk of cattle wealth in the district.	
2.	**The district has seven broad farming situations and micro-farming situation based on soils, rainfall and irrigation facilities.** **Rain fed-Coarse Texture Soil (R-CT):** Areas adjoining Jaipur district have rainfall between 444-688 mm with low available water holding capacity promises cultivation of one crop in a year during Kharif. This situation can be taken as Jowar / Pearl millet and Kharif pulses belt. **Rain fed medium Texture Soil (R-MT):** Major area of the district has rainfall of 516-670 mm with water holding capacity of medium Texture Soil being 6.38 to 17.86 cm m^{-1} in the plough layer and permit conservation of moisture in the monsoon. Sorghum is primary with Pearl millet as next major crop during Kharif followed by Seas mum, Black gram bean. During Rabi Chick pea, Mustard, Barley and wheat are grown on Conserved soil moisture. Now Pearl millet is replacing Sorghum due to limited rains. Sheep rearing is important in the farming situation. **Irrigated-Coarse Texture Soil (I-CT):** This situation frequently intercepts the rainfall Coarse Textured situation in cropping pattern but permits 200 or higher cropping intensity and productivity of crops, spices, vegetables and fruits are also grown. **Irrigated-Medium Texture Soil (I-MT):** Comparatively small farming situations intercept Rain fed medium Texture Soils. It receives irrigation both from wells and tanks / canals. In addition to Sorghum and Pearl millet, in the region Maize and Cotton are also grown. Cultivation of vegetables in pockets is followed. **Tank-bed and River-bed farming (TB-RB):** The district has some large, natural tanks and seasonal Rivers. Farmers grow Wheat, Barley, Chick Pea and Mustard. During Rabi and summer vegetables in their beds after receding of water. **Brackish irrigation area:** In the district 25-50 percent of wells supply brackish water. Either Rain fed crops are grown or fields are left fallow for leaching of salts with rain water. Mustard, Wheat and Barley are grown during Rabi season.	

Major constraints to agricultural production are:

- ✓ Limited irrigation facilities.
- ✓ Low and degraded plant nutrient status of soils.
- ✓ Low productivity of land based enterprises crops and livestock.
- ✓ Poor reach and access of farmers to scientific farming including livestock rising.
- ✓ Disease and pest infestation in major crops

2.3 Soil Types

S. No	Soil type	Characteristics	Area (000' ha)
1	Deep brown loamy soils	It is intermediate in texture between the clays and sandy soils. It is medium loamy textured soils, dark to light brown colour, more soil depth (> 1 m) and clay content up to 35 %. Average nutrient and water holding capacity and fairly resistant to drought.	350.2
2	Medium brown loamy soils	It is intermediate in texture between the clays and sandy soils. It is medium loamy textured soils, dark to light brown colour, medium soil depth (50-100 cm), clay content up to 35 %. Average nutrient and water holding capacity and fairly resistant to drought.	319.5
3	Red gravelly loam hilly soils	It is loamy gravelly textured soil, dark to light red colour and clay content up to 35 %. Average nutrient and water holding capacity and suitable for dry land farming.	28.9
4	Deep dark brown sandy soils	It is deep soil (> 1 m), light to dark yellowish brown colour, less clay content (< 15 %). Low nutrient and water holding capacity and not suitable for dry land farming.	19.4

2.4. Area, Production and Productivity of major crops cultivated in the district (2022-23)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Kg./ha)
Kharif				
1	Black gram	54990	23661	430
2	Green gram	75966	35309	464
3	Sorghum	86303	63347	734
4	Pearl millet	53996	77120	1428
5	Seas mum	7221	2022	280
6	Groundnut	20237	26207	1295
7	Maize	6688	9328	1394
8	Other Crops	8530	-	-
Rabi				
8	Mustard	300225	-	-
9	Chick pea	58595	-	-
10	Wheat	50630	-	-
11	Barley	7810	-	-

* Source (Statistical Data 2022-23): Department of Agriculture (GoR)

2.5. Weather data (2022)

Month	Rainfall (mm)	Temperature ^{0}C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
January, 2022	0	26.8	4.5	-	-
February, 2022	0	31.4	8.3	-	-
March, 2022	0	42.2	11.5	-	-
April, 2022	0	45.2	19.6	-	-
May, 2022	0	47.5	21.5	-	-
June, 2022	70.78	45.2	24.3	-	-
July, 2022	313.89	37.4	23.8	-	-
August, 2022	320.34	36.5	25.0	-	-
September, 2022	71.33	36.2	24.6	-	-
October, 2022	17.77	36.4	15.2	-	-
November, 2022	0	37.0	9.8	-	-
December, 2022	0	28.4	4.6	-	-
Total	**794.11**			**-**	**-**

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle	227674		
Buffalo	391599	5.50 lpd	
Sheep	200694	1.50Kg/Year	
Goats	375827	0.70 lpd	
Pigs	10820	-	
Rabbits	393	-	
Camel	789	-	
Hens	49122	-	
Total	**12,56,918**	**-**	

* Source (Statistical report): Tonk Zila ekdrishti 2016 (GOR)

2.7 Details of Operational area / Villages

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Newai & Peeplu	Newai	Sangrampura	Mustard, Wheat, Green gram, Black gram, Groundnut, Pearl millet, Cluster bean, Seas mum & Cow, Buffalo	Limited irrigation facility, Saline-Alkali soils, poor nutrient status, low productivity of crops, access of scientist farming system, low productivity of livestock, poor nutrition and health status of farming community	Suitable for Rain-fed farming
Tonk	Tonk	Ghansdi	Wheat, Mustard, Green gram, Black gram, Brinjal, Bottle gourd, Chilli, Lady finger, Cauliflower, Tomato & Cow, Buffalo, Goat	Limited irrigation facility, Saline-Alkali soils, poor nutrient status, low productivity of crops, access of scientist farming system, low productivity of livestock, poor nutrition and health status of farming community	Suitable for off season vegetable cultivation
Uniara	Uniara	Ramganj	Mustard, Wheat, Chickpea, Black gram, Pearl millet & Cow, Buffalo, Goat, Sheep	Good Irrigation facility, Saline-Alkali soils, poor nutrient status, low productivity of crops, access of scientist farming system, low productivity of livestock, poor nutrition and health status of farming community	Suitable for cereals & pulses crop
Malpura	Malpura	Kutka	Green gram, Black gram& Cow, Buffalo	Limited irrigation facility, Saline-Alkali soils, poor nutrient status, low productivity of crops, access of scientist farming system, low productivity of livestock, poor nutrition and health status of farming community	Suitable for Pulses
Todaraisingh	Toda	Bhagwanpura	Mustard, Wheat, Green gram, Sorghum, Pearl millet & Cow, Buffalo	Better irrigation facility, Saline-Alkali soils, poor nutrient status, low productivity of crops, access of scientist farming system, low productivity of livestock, poor nutrition and health status of farming community	Suitable for seed production and vegetable cultivation
Deoli	Deoli	Negardia	Mustard, Wheat,Cotton, Cucurbits, Tomato, Chilli, Cauliflower, Broccoli& Cow, Buffalo	Good irrigation facility, Saline-Alkali soils, poor nutrient status, low productivity of crops, access of scientist farming system, low productivity of livestock, poor nutrition and health status of farming community	Suitable for IFS cultivation

2.8 Priority thrust areas

S. No.	Thrust area
1	Improved agronomic techniques
2	Integrated nutrient management
3	Promote organic farming
4	Reclamation and management of soils
5	Integrated pest and diseases management
6	Protected cultivation
7	Sheep and goat rearing
8	Promotion of Self Help Groups (SHG)
9	Empowerment of farm women
10	Promotion of rain water harvesting
11	Crop diversification
12	Mushroom cultivation
13	Quality seed and planting material
14	Low cost production techniques
15	Scientific dairy farming
16	Natural Farming

3. TECHNICAL PROGRAMME

3. A. Details of targeted mandatory activities by KVK

OFT		FLD (FLD, CFLD and Enterprises)	
(1)		(2)	
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers
11	190	264.25	1960

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
64	1540	507	50490

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Soil Samples
(5)	(6)	(7)	(8)
600	200000	-	1000

3. B. Abstract of interventions to be undertaken (OFT and FLD)

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1	Weed Management	Black gram	Low yield of black gram	Management of Weeds in Black gram	-	-	-	Farmer field visit, Kisan Goshthi, Group discussion	Weedicide
2	Weed Management	Chick pea	Low yield of chickpea	Management of Weeds in Chickpea	-	-	-	Farmer field visit, Kisan Goshthi, Group discussion	Weedicide
3	Weed Management	Wheat	Low yield of wheat	Management of Weeds in Wheat	-	-	-	Farmer field visit, Kisan Goshthi, Group discussion	Weedicide
4	Varietal Assessment	Wheat	Low yield of wheat	Assessment of Wheat variety	-	-	-	Farmer field visit, Kisan Goshthi, Group discussion	Seed
5	Varietal Assessment	Cauliflower	Low productivity of cauliflower	Assessment of cauliflower variety	-	-	-	Farmer field visit, Kisan Goshthi, Group discussion	Seed
6	Vegetable production	Tomato	Low productivity of Tomato	Assessment of plant growth regulators in Tomato	-	-	-	Farmer field visit, Kisan Goshthi, Group discussion	Plant Growth Regulators
7	Nutrient management	Cole Crops	Browning of curd and poor vegetative growth	Assessment on CISH Bio-Enhancer	-	-	-	Farmer field visit, Kisan Goshthi, Group discussion	CISH Bio-Enhancer

8	Orchard Management	Guava	Orchard lose their productivity beyond 25 years	Management of rejuvenation of old unproductive guava orchards	-	-	-	Farmer field visit, Kisan Goshthi, Group discussion	Mulching Sheet
9	Women and Child care	Moringa Oleifera	Anaemia in below 2 years Children	Management of Anaemia in below 2 years Children through *Moringa Oleifera* leaf powder supplementation	-	-	-	Farmer field visit, Kisan Goshthi, Group discussion	Moringa Leaf Powder
10	Women and Child care	Aonla Juice	Anaemia is a major problem in Adolescent girls	Management of Haemoglobin level in Adolescent girls through Aonla Juice	-	-	-	Kisan Goshthi, Group discussion	Aonla Juice
11	Drudgery reduction	Groundnut	Pain in hands, legs and back	Assessment on Groundnut stripper for drudgery reduction	-	-	-	Farmer field visit, Kisan Goshthi, Group discussion	Groundnut stripper
12	Crop production	Black gram	Low productivity of black gram due to using old varieties	-	Demonstration on black gram variety Mukandra Urd-2	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed
13	Crop production	Green gram	Low productivity of green gram due to using old varieties	-	Demonstration on green gram variety – MSJ-118	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed
14	Crop production	Barley	Low productivity of Barley in saline conditions	-	Demonstration on Barley variety RD-2907 in saline condition	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed
15	Crop production	Mustard	Low productivity of Mustard in late shown conditions	-	Demonstration on Mustard variety DRMR 2017-15 (Radhika)	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed

16	Crop production	Mustard	Low productivity in Mustard due to saline and sodic soil condition	-	Demonstration on Mustard variety – CS-60 in saline and sodic soil condition	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed
17	Organic Farming	Waste decomposer	No proper management of animal dung/agricultural wastes and termite infestation due to undecomposed manure	-	Demonstration on preparation of quick compost through waste decomposer	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Waste decomposer
18	Fruit Production	Papaya	Low yield due to Existing old Variety (Red Lady)	-	Demonstration on Papaya Cultivation	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Plant
19	Vegetable production	Round melon	High seed cost of private hybrid	-	Demonstration on Round melon	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed
20	Vegetable production	Garden pea	High seed cost of private hybrid	-	Demonstration on Garden Pea	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed
21	Vegetable production	Onion	Using existing variety N-53 and Low yield due to existing variety & double bulbs and bolters	-	Demonstration on Onion	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed
22	Nursery Management	Pro-Trays	High mortality of seedling due to improper nursery management	-	Demonstration on Vegetable Seedling Raising using Pro Trays	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Pro-Tray
23	Nursery Management	Polythene UV Sheet	Low germination rate and heavy damage of seedlings due to heavy rain in Kharif and low temperature during winter	-	Demonstration on Vegetable Seedling Raising in low cost poly tunnel	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	UV Sheet

24	Drudgery reduction	Groundnut Decorticator	Pain in fingers and hand because of continue decortications of groundnut	-	Demonstration on Groundnut Decorticator for Drudgery Reduction of Farm Women	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Demonstration of Groundnut Decorticator
25	Storage technique	Cereal Crop	Wheat grain damage because of moisture and air in these bags	-	Demonstration on Hermatic storage bags for wheat storage	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Hermatic storage bags
26	Drudgery reduction	Hand Wheel One Lane Weeder	Pain in back in Farm women because of bending during weeding for a longer period of time	-	Demonstration on Hand Wheel One Lane Weeder	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Demonstration of Hand Wheel One Lane Weeder
27	Value Addition	Pearl millet	No income generation activity through value addition of *Bajra*	-	Demonstration on value addition of Pearl millet (*Bajra*) products for income generation	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	-
28	Mushroom production	Button Mushroom	Landless farmers don't have regular source of income	-	Demonstration on Button Mushroom Cultivation	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	-
29	Household Food security	Kitchen Gardening	Low yield due to local seeds & poor management	-	Demonstration on Kitchen Gardening for Nutritional Food Security	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed & Planting Material
30	Crop production	Pearl millet	Malnutrition particularly Anaemia is a serious problem of women of reproductive age (62.5%) and children below 5 years (74.3%)	-	Demonstration on Bio-fortified Pearl millet Variety HHB-299	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed
31	Crop production	Wheat	Malnutrition particularly Anaemia is a serious problem of women of reproductive age (62.5%) and children below 5 years (74.3%)	-	Demonstration on Bio-fortified Wheat variety HPBW-01	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed

32	Crop production	Wheat	Malnutrition particularly Anaemia is a serious problem of women of reproductive age (62.5%) and children below 5 years (74.3%)	-	Demonstration on Bio-fortified Wheat variety WB -02	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed
33	Vegetable production	Cauliflower	Malnutrition particularly stunting is a main problem in children of Tonk district	-	Demonstration on Bio-fortified Cauliflower Variety Pusa Beta Kesari 1	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed
34	Crop production	Mustard	Use of Oil in cooking which is high in Erucic acid, Lack of knowledge of Bio-fortified varieties of Mustard	-	Demonstration on Bio-fortified Mustard Variety PM- 30	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed
35	Crop production	Mustard	Use of Oil in cooking which is high in Erucic acid, Lack of knowledge of Bio-fortified varieties of Mustard	-	Demonstration on Bio-fortified Mustard Variety PM- 31	-	-	Training, Farmer field visit, Kisan Goshthi, Group discussion, Field day	Seed

3.1 Technologies to be assessed and refined

A.1 Abstract on the number of technologies to be assessed in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	1	-	-	-	1	-	-	-	-	2
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Weed Management	1	-	2	-	-	-	-	-	-	3
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	1	-	-	-	-	1
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Drudgery reduction	-	1	-	-	-	-	-	-	-	1
Farm machineries	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	1	-	-	-	1
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Resource conservation technology	-	-	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-	-	-
Stress Management	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	1	1	-	1	-	3
TOTAL	**2**	**1**	**2**	**-**	**3**	**2**	**-**	**1**	**-**	**11**

A.2. Abstract on the number of technologies to be refined in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Kitchen garden	Tuber Crops	TOTAL
Varietal Evaluation	-	-	-	-	-	-	-	-	-	-
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Drudgery reduction	-	-	-	-	-	-	-	-	-	-
Farm machineries	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Resource conservation technology	-	-	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-	-	-
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

A.3. Abstract on the number of technologies to be assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Vermi-culture	Fisheries	TOTAL
Evaluation of Breeds	-	-	-	-	-	-	-	-
Nutrition Management	-	-	-	-	-	-	-	-
Disease of Management	-	-	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

A.4. Abstract on the number of technologies to be refined in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds	-	-	-	-	-	-	-	-
Nutrition Management	-	-	-	-	-	-	-	-
Disease of Management	-	-	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

B. Details of On Farm Trial

OFT-1

Title of OFT	Management of Weeds in Black gram		
Problem	Low yield of black gram		
Cause	Heavy Weed Infestation in Kharif (Digera arvensis, Trianthema portulacastrum, Amaranthus spp.)		
Thematic Area	Weed Management		
Farming situation	Previous crop: Mustard/wheat, Rainfed, soil type: Black & clay texture		
Potential detail/Possible solution	Weed management through herbicides		
Treatment for Assessment	T_1 = Farmers practice (Pendimethalin 30 EC as pre-emergence @ 3.3.litre/ha) T_2 = Clodinafop propargyl 8% + Acifluorfen sodium 16.5% @ 750 ml/ha as post-emergence (20-25 DAS).		
Source of Technology	Agriculture University, Kota (2018)		
No. of trials	10 and 1000 m^2 of each treatments		
Critical inputs	Clodinafop propargyl 8% + Acifluorfen sodium 16.5% @ 750 ml/ha		
Performance Indicator/Parameters	Technical indicator	Economic indicator	Farmers perception
	No. of weeds/M^2	Total cost (Rs./ha)	Acceptability
	No. of control weeds/M^2	Gross income (Rs./ha)	Feasibility
	Dry weed weight (gm)	Net income (Rs./ha)	Farmers' reaction
	No of pods per plant	B:C ratio	-
	No of grain per pod	-	-
	1000-seed weight (g)	-	-
	Yield (q/ha)		

OFT-2

Title of OFT	Management of Weeds in Chickpea		
Problem	Low yield of Chickpea		
Cause	Weed Infestation in Chickpea (*Chenopodium album, Chenopodium murale, Asphodelus tenuifolius, Rumex spp.)*		
Thematic Area	Weed Management		
Farming situation	Previous crop: Pearl millet/Sesame, Irrigated, soil type: Clay loam texture		
Potential detail/Possible solution	Weed management through herbicides		
Treatment for Assessment	T_1 = Farmers practice (Manual weeding) T_2 = Pendimethalin 30 EC + Imazethapyr 2% EC as pre-emergence @ 2.3.litre/ha		
Source of Technology	ICAR-IIPR Kanpur (2018)		
No. of trials	10 and 1000 m^2 of each treatments		
Critical inputs	Pendimethalin 30 EC + Imazethapyr 2% EC as pre-emergence @ 2.3.litre/ha		
Performance Indicator/Parameters	Technical indicator	Economic indicator	Farmers perception
	No. of weeds/M^2	Total cost (Rs./ha)	Acceptability
	No. of control weeds/M^2	Gross income (Rs./ha)	Feasibility
	Dry weed weight (gm)	Net income (Rs./ha)	Farmers' reaction
	No of pods per plant	B:C ratio	-
	No of grain per pod	-	-
	100-seed weight (g)	-	-
	Yield (q/ha)		

OFT-3

Title of OFT	Management of Weeds in Wheat		
Problem	Low yield of Wheat		
Cause	Weed infestation in wheat (*Chenopodium album, Chenopodium murale, Asphodelus tenuifolius, Rumex spp.)*		
Thematic Area	Weed Management		
Farming situation	Previous crop: Green gram/Black gram, Irrigated, soil type: Sandy loam texture		
Potential detail/Possible solution	Weed management through herbicides		
Treatment for Assessment	T_1 = Farmers practice (Manual weeding) T_2 =Application of Ready Mix Metsulfuron+Carfentrazone @ 25gm a.i./ha as post emergence at 30-35 DAS.		
Source of Technology	Agriculture University , Kota (2017)		
No. of trials	10 and 1000 m^2 of each treatments		
Critical inputs	Metsulfuron + Carfentrazone @ 25gm / ha		
Performance Indicator/Parameters	Technical indicator	Economic indicator	Farmers perception
	No. of weeds/M^2	Total cost (Rs./ha)	Acceptability
	No. of control weeds/M^2	Gross income (Rs./ha)	Feasibility
	Dry weed weight (gm)	Net income (Rs./ha)	Farmers' reaction
	No. of tillering per plant	B:C ratio	-
	Plant height (cm)	-	-
	100-seed weight (g)	-	-
	Yield (q/ha)		

OFT-4

Title of OFT	Assessment of Wheat variety		
Problem	Low yield of Wheat		
Cause	Using existing old variety Raj-4037		
Thematic Area	Varietal Assessment		
Farming situation	Previous crop: Green gram/Black gram, Irrigated, soil type: Sandy loam texture		
Potential detail/Possible solution	High input responsive wheat variety for timely sowing		
Treatment for Assessment	T_1 = Farmers practice (Raj-4037) T_2 = Wheat variety DBW-303 T_3 = Wheat variety DBW-222		
Source of Technology	ICAR- IIWBR, Karnal (2021)		
No. of trials	10 and 1000 m^2 of each treatments		
Critical inputs	Wheat variety DBW-303 & DBW 222, 100 kg./ha.		
Performance Indicator/Parameters	Technical indicator	Economic indicator	Farmers perception
	No. of tillering per plant	Total cost (Rs./ha)	Acceptability
	Plant height (cm)	Gross income (Rs./ha)	Feasibility
	Length of ear head (cm)	Net income (Rs./ha)	Farmers' reaction
	No. of grains per ear head	B:C ratio	-
	100-seed weight (g)	-	-
	Yield (q/ha)	-	-

OFT-5

Title of OFT	Assessment of Cauliflower Variety		
Problem identified	Low Productivity of Cauliflower		
Cause	Due to using existing hybrid Lucky		
Thematic area	Varietal Assessment		
Farming situation	Kharif-irrigated- medium-sandy loam		
Potential detail/Possible solution	KTH-301 Hybrid		
Name of technology	Varietal assessment – KTH-301 Hybrid		
Treatment for assessment	T_1 Farmers practice (Existing variety Lucky) T_2 – Variety KTH- 301 hybrid, Seed rate 400-450gm/ha, Nursery raising in July, Transplanting- August (25 days old seedlings), Transplanted on raised bed, Spacing – 45 X 45cm, Nutrient management as per soil test based		
Source of technology	IARI (RS), Katrain (2019)		
Characteristic of Technology	Suitable for cultivation in the mid-season with the harvesting of curd in the month of November-December, Average Yield: 350-400 q/ha.		
No. of trials	10		
Performance indicator	Technical indicator	Economic indicator	Farmers perception
	Curd diameter (cm)	Total cost (Rs./ha)	Acceptability
	Bio-mass yield of /plant (kg)	Gross income (Rs./ha)	Feasibility
	Average Curd weight (gm)	Net income (Rs./ha)	Farmers' reaction
	Yield (t/ha)	B:C ratio	-
	-	-	-

OFT-6

Title of OFT	Assessment of Plant Growth Regulators in Tomato		
Problem identified	Low Productivity of Tomato		
Cause	Due to due to Poor fruit setting in Tomato		
Thematic area	Vegetable production		
Farming situation	Rabi-irrigated- medium-sandy loam		
Potential detail/Possible solution	Plant Growth Regulators		
Name of technology	NAA + Salicylic acid		
Treatment for assessment	T_1 Farmers practice (Not use any plant growth regulator) T_2 –Foliar application of NAA @ 15ppm + Salicylic acid @ 70ppm		
Source of technology	ICAR – IIVR, Varanasi (2018)		
Characteristic of Technology	Foliar application of NAA @ 15ppm + Salicylic acid @ 70ppm at 45 days (DAT) & repeat spray at 75 days of transplanting		
No. of trials	10		
Performance indicator	Technical indicator	Economic indicator	Farmers perception
	No. of Fruit/plant	Total cost (Rs./ha)	Acceptability
	Average fruit diameter (cm)	Gross income (Rs./ha)	Feasibility
	Yield (t/ha)	Net income (Rs./ha)	Farmers' reaction
	-	B:C ratio	-
	-	-	-

OFT-7

Title of OFT	Assessment on CISH Bio-Enhancer in Cauliflower		
Season & Year	Rabi 2023-24		
Number of trials	10		
Farmers practices	T_1-Farmer are using the micro nutrient only B in Cole crops of private company coromandal @ 2 gram per litre of water, No use of biological culture in vegetables		
Problem identified	Browning of curd and poor vegetative growth		
Thematic area	Nutrient management		
Name of technology	CISH Bio-Enhancer		
Details of technology	T_2 Application of CISH Bio Enhancer @ 1.0-5.0 kg/ha as soil application		
Source of technology (Year)	ICAR-CISH Lucknow 2019		
Characteristic of Technology	It contains plant growth promoting microorganism actinomycetes, Pseudomonas, Rhizobium, p-solubilizing microbes, Azotobactor and Azospirillum. As these micro organism help in promote germination, growth and development of plants and increase availability of phosphorus in the soil. Improves nitrogen level of soil through nitrogen fixing microbes. Improves availability of micro nutrients in the Soil.		
Farming situation	Rabi- Irrigated- Medium & up land,		
Performance indicator	Technical indicator	Economic indicator	Farmers perception
	Curd diameter (cm)	Total cost (Rs./ha)	Acceptability
	Bio-mass yield of /plant (kg)	Gross income (Rs./ha)	Feasibility
	Average Curd weight (gm)	Net income (Rs./ha)	Farmers' reaction
	Yield (t/ha)	B:C ratio	-
	-	-	-

OFT-8

Title of OFT	Management of Rejuvenation Old unproductive Guava Orchards		
Season & Year	2023		
Number of trials	10		
Farmers practices	T_1 Farmer plant uproot & no management for improve the plant productivity		
Problem identified	Orchard lose their productivity beyond 25 years		
Thematic area	Orchard Management		
Name of technology	Rejuvenation of old unproductive guava orchards		
Details of technology	T_2 – CISH technology on rejuvenation involves heading back of trees to a level of 1.0-1.5 m from ground level in the month of December – January. Thinning of shoots in the month of May-June and continue shoot thinning from pruned shoots in the month of September –October. Fruiting starts after second year.		
Source of technology (Year)	ICAR-CISH Lucknow (2019)		
Characteristic of Technology	After heading back nutrient management with natural mulching. Emerging shoots are allowed to grow (40-50) for 4-5 months after heading back.		
Farming situation	Rabi irrigated, medium land		
Performance indicator	Technical indicator	Economic indicator	Farmers perception
	No. of fruit/Plant	Total cost (Rs./ha)	Acceptability
	Average fruit size (cm)	Gross income (Rs./ha)	Feasibility
	Average fruit weight (gm)	Net income (Rs./ha)	Farmers' reaction
	Average yield/plant (kg)	B:C ratio	-
	Yield (Q/ha)	-	-

OFT-9

Title of OFT	**Management of Anaemia in below 2 years Children through *Moringa Oleifera* leaf powder supplementation**	
Problem identified	**Anaemia in below 2 years children**	
Cause	**Iron deficiency is the leading cause**	
Thematic area	**Women and child care**	
Potential detail/Possible solution	**Low-cost intervention in the management of iron deficiency anaemia**	
Name of technology	**Anaemia management through *Moringa Oleifera* leaf powder supplementation**	
Treatment for assessment	**T_1 Farmers practice (No use of food supplements for reducing anaemia) T_2 –Moringa Oleifera leaf powder @ 25 grams per day mixed in children's daily food for 3 months**	
Source of technology	**National Institute of Medical Research, 2019**	
Characteristic of Technology	***Moringa Oleifera* leaf powder in 100 grams contains 27.1 gm Protein, 2.3 gm Fat, 38.2 gm Carbohydrates, 19.2 gm Fibre, 28.2 mg Iron, 2003 mg Calcium and 17.3 mg Vitamin C (Indian Institute of Technology, Hyderabad, 2016).**	
No. of trials	**10**	
Performance indicator	**Technical indicator**	**Farmers perception**
	Pre and Post Anthropometric measurement	**Acceptability**
	Pre and Post haemoglobin level	**Feasibility**
	-	**Farmers' reaction**
	-	**-**

OFT-10

Title of OFT	**Management of Haemoglobin level in Adolescent girls through Aonla Juice**	
Problem identified	**Anaemia is a major problem in Adolescent girls**	
Cause	**No use of food supplement in their diet**	
Thematic area	**Women and child care**	
Potential detail/Possible solution	**Low-cost intervention in the management of iron deficiency anaemia**	
Name of technology	**Haemoglobin level management in Adolescent girls through Aonla Juice**	
Treatment for assessment	**T_1 Farmers practice (Staple food is wheat 20hapatti, dal and chhach. No use of food supplement in their diet) T_2 –Aonla juice @ 20 ml per day after lunch**	
Source of technology	**Institute of Ayurveda and Integrative Medicine, 2016**	
Characteristic of Technology	**Aonla enhances bioavailability of Iron reducing the incidence of Anaemia**	
No. of trials	**50**	
Performance indicator	**Technical indicator**	**Farmers perception**
	Pre and Post haemoglobin level	**Acceptability**
	-	**Feasibility**
	-	**Farmers' reaction**
	-	**-**

OFT-11

Title of OFT	**Assessment on Groundnut stripper for drudgery reduction**	
Problem identified	**Pain in hands, legs and back**	
Cause	**Squatting position for a longer period of time**	
Thematic area	**Drudgery reduction**	
Potential detail/Possible solution	**Low-cost intervention in the management of iron deficiency anaemia**	
Name of technology	**Groundnut stripper**	
Treatment for assessment	**T_1 Farmers practice (Depodding by hands)** **T_2 –The groundnut stripper consists of a square frame of vertical legs and a horizontal strip of expanded metal fixed on each side of the frame in the form of comb. The stripping of the pods is accomplished by drawing a handful of vines across the comb with a slight force.**	
Source of technology	**TNAU, Coimbatore (2019)**	
Characteristic of Technology	**The height of the stool can be adjusted from 28-40 cm.** **The structure facilitates its use by four women simultaneously.** **Higher output 350 kg of pods/day can be obtained as against 200 kg in case of conventional stripping.**	
No. of trials	**50**	
Performance indicator	**Technical indicator**	**Farmers perception**
	Depoding time	**Acceptability**
	% Increase in efficiency	**Feasibility**
	WHR (beats/min)	**Farmers' reaction**
	Frequency of poster change	**-**
	-	**-**

3.2 Frontline Demonstrations

A. Details of FLDs to be organized –

S. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/ demonstration	Parameters identified
1	Black gram	Mukandra Urd-2	Crop production	Improved black gram variety Mukundra Urd-2, Seed rate – 20 kg./ha , Line Sowing, Sowing in first week of July, spacing (30 x 10 cm)	Seed	Kharif 2023	2	10	No. of branches per plant, No. of pod per plant, No. of grain per pod, test weight (gm), yield q/ha, B:C ratio
2	Green gram	MSJ-118	Crop production	Improved green gram variety MSJ-118, Seed rate -15 kg./ha, Line sowing spacing (30 x 10 cm)	Seed	Kharif 2023	2	10	No. of branches per plant, No. of pod per plant, No. of grain per pod, test weight (gm), yield q/ha, B:C ratio
3	Barley	RD-2907	Crop production	Improved Barley variety RD-2907, Seed rate – 100 kg./ha, Line sowing, Fertilizer application as per soil test result	Seed	Rabi 2023-24	2	10	No. of tillering per plant, plant height (cm), ear head length (cm), No. of grains per ear head, yield q/ha, test weight(gm), B:C ratio
4	Mustard	DRMR 2017-15 (Radhika)	Crop production	Improved Mustard variety DRMR 2017-15 (Radhika), Seed rate – 4 kg./ha, Line sowing, Fertilizer application as per soil test result	Seed	Rabi 2023-24	2	10	No. of branches/plant, plant height (cm), No. of Siliqua/branch, No. of grains/Siliqua, Yield q/ha, Test weight(gm), B:C ratio
5	Mustard	CS-60	Crop production	Mustard variety – CS-60, Seed rate 4 kg/ha, Line sowing spacing (45 x 15 cm)	Seed	Rabi 2023-24	5	50	No of branches per plant, No. of siliqua per plant, No. of grain per siliqua, test weight (gm), Yield q/ha, and B:C ratio
6	Papaya	Arka Surya	Fruit Production	Variety **Arka Surya**, Seed Rate 200 gm/ha, Nursery Raising in May, Transplanting – first week of July (45 days old seedlings), Transplanting – 2 X 2 m.(2500 Plants/ha.)	Plants	Kharif 2023	2	20	No. of fruit/plant, Average Fruit weight (gm), Yield (t/ha), Net return (Rs./ha) and B:C ratio
7	Round melon	Pusa Raunak	Vegetable production	Seed rate 4-5 kg/ha, Line sowing, Sowing in first week of July, Spacing 120 x 60 cm, Nutrient management as per soil test based	Seed	Kharif 2023	2	10	No. of vine/plant, No. of fruits /vine, Yield (t/ha), Net return (Rs/ha), B:C ratio
8	Garden pea	Pusa Shree	Vegetable production	Seed rate 20-25 kg/ha, Line sowing, Sowing in first week of October, Spacing – 30X30 cm, Nutrient management as per soil test based	Seed	Rabi 2023-24	2	10	No. of branches/plant, No. of seed/pod ,Yield q/ha, Net return(Rs/ha), B:C ratio
9	Onion	Line-883	Vegetable production	Seed rate 6-8 kg/ha, Seed sowing in February-March, transplanting in second First of July, Spacing – 20 X 10 cm, Nutrient management as per soil test based	Seed	Kharif 2023	2	10	Bulb weight gm, Yield q/ha, Net return (Rs/ha), B:C ratio
10	Pearl millet	Bajra	Value Addition	Roasting, popping, flaking, powdering, baking	Seed	Kharif 2023	20 SHG	20	Duration of storage in months, net income.

									B:C ratio
11	Mushroom Cultivation	Button Mushroom	Mushroom Production	Cultivation of *Agaricus bisporus For 100 Bags Preparation:* Composting- Wheat straw-500 Kg, Water-1500 lit, Urea-8.5 kg, Calcium Nitrate-10 kg, Super Phosphate-5 kg, Muriate of Potash- 5 kg, Wheat Bran-25 kg, Seera-8.33 kg, Gypsum-50 kg (Eight turnings are done to prepare compost) Spawning- Spawning is done using 0.5 to 0.75% of spawn in compost. Casing- Once spawn run is completed; 3-4 cm layer of casing is done using FYM and cocopeat.	Spawn Seed	Rabi 2023-24	20 SHG	20	Days to colonization in bag, Cultivation period: days, Yield-Kg/bag, Net income-Rs, B:C ratio
12	Compost	Waste Decomposer	Organic Farming	Preparation of waste decomposer solution in 200 lit water with 2 kg Gud and adds 1 bottle of waste decomposer and this solution ready in 7 days. After 18-20 cm thick layer of 1 ton waste or dung are piled on the ground. Wet the waste with solution of waste decomposer & repeat this process till 30-45 cm height. Turn the piles at every 7 days interval for uniform composting & maintain 60% moisture. The compost gets ready to use after 30-40 days	Waste Decomposer	Kharif 2023	100	100	pH, EC, Organic carbon, NPK , C:N ratio
						Total	**21.0**	**140**	
NARI									
13	Kitchen Gardening	Local, HYV	Household Food security	Plot Size – 250 m^2, Developing crop schedule on rotation basis	Seed	Rabi 2023-24	1.25	50	Prevalence of Anaemia, BMI, Yield in kg, Net saving, B:C ratio
14	Bio-fortified Pearl millet	HHB-299	Crop production	1. Biofortified Pearl millet Variety HHB-299, 2. Seed rate- 4 kg/ha, Spacing (R x P- 30 x15 cm) 3. Seed treatment-Vitavax power @ 2 gm/kg seed, Fipronil 5 SC @ 4.5 ml/kg seed and NPK consortia @ 10 ml/kg seed 4. Fertilizer application as per soil test result	Seed	Kharif 2023	10	100	No of tillers per plant, No. of cob per plant, test weight (gm), Yield q/ha, and B:C ratio, Anaemia decrease %
15	Bio-fortified Wheat	HPBW-01	Crop production	1. Bio-fortified Wheat variety HPBW-01, 2. Seed rate- 100 kg/ha, Spacing (R x R 22.5 x	Seed	Rabi 2023-24	5	50	No of tiller per plant, No. of effective tiller per plant, ear length (cm), grain per ear

				5 cm) 3. Seed treatment- Vitavax power @ 2 gm/kg seed, Fipronil 5 SC @ 4.5 ml/kg seed and NPK consortia @ 10 ml/kg seed 4. Fertilizer application as per soil test result					head, test weight (gm), Yield q/ha, and B:C ratio, Anaemia decrease %
16	Bio-fortified Wheat	WB -02	Crop production	1. Bio-fortified Wheat variety HPBW-01, Seed rate- 100 kg/ha, Spacing (R x R 22.5 x 5 cm) 2. Seed treatment- Vitavax power @ 2 gm/kg seed, Fipronil 5 SC @ 4.5 ml/kg seed and NPK consortia @ 10 ml/kg seed	Seed	Rabi 2023-24	5	50	No of tiller per plant, No. of effective tiller per plant, ear length (cm), grain per ear, test weight (gm), Yield q/ha, and B:C ratio, Anaemia decrease %
17	Bio-fortified Cauliflower	Pusa Beta Kesari 1	Vegetable production	1. Variety Pusa Beta Kesari 1, Seed Rate 350 gm/ha., Nursery Raising- October, Transplanting- November, Spacing 45 x 45cm., 2. Line transplanting, Nutrient Management FYM 5 t/ha. 3. N:P:K @ as per soil test result	Seed	Rabi 2023-24	2	400	Curd size, yield/ ha, B:C ratio, stunting according to age
18	Bio-fortified Mustard	PM- 30	Crop production	1. Bio-fortified Mustard variety Pusa Mustard-30 2. Seed rate- 4 kg/ha, Spacing (R x P- 45 x15 cm) 3. Seed treatment- Carbendazim @ 2.5 gm/kg seed, Imidacloprid 600FS @5 ml/kg seed and NPK consortia @10 ml/kg seed 4. Fertilizer application as per soil test result	Seed	Rabi 2023-24	20	200	No of branches per plant, No. of siliqua per plant, No. of grain per siliqua, test weight (gm), Yield q/ha, and B:C ratio
19	Bio-fortified Mustard	PM- 31	Crop production	1. Bio-fortified Mustard variety Pusa Mustard-31, 2. Seed rate- 4 kg/ha, Spacing (R x P- 45 x15 cm) 3. Seed treatment- Carbendazim @ 2.5 gm/kg seed, Imidacloprid 600FS @5 ml/kg seed and NPK consortia @10 ml/kg seed 4. Fertilizer application as per soil test result	Seed	Rabi 2023-24	20	200	No of branches per plant, No. of siliqua per plant, No. of grain per siliqua, test weight (gm), Yield q/ha, and B:C ratio
						Total	**63.25**	**1050**	

CFLD									
20	Green gram	IPM 205-7 (Virat)	Integrated Crop Management	Var. Pratap Urd-1, Seed rate 20 kg/ha, Line sowing spacing (30 x 10 cm), Seed treatment- Vitavax power@ 2 gm/kg seed, Imidacloprid 600FS @ 5ml/kg seed and NPK consortia @ 10 ml/ kg seed, Soil treatment- with NPK consortia@1 litre/ha with 80-100 kg FYM, Fertilizer application- Soil test based fertilizers + Zinc sulphate @ 15kg/ha as basal, Weed management– Pendimethalin 30EC@ 1.0 litre a.i per ha as Pre-Emergence, Plant Protection- As per need based	Seed	Kharif 2023	20	50	No. of branches per plant, No. of pod per plant, No. of grain per pod, test weight (gm), yield q/ha, B:C ratio
21	Black gram	PU-1	Integrated Crop Management	Var. Pratap Urd-1, Seed rate 20 kg/ha, Line sowing spacing (30 x 10 cm), Seed treatment- Vitavax power@ 2 gm/kg seed, Imidacloprid 600FS @ 5ml/kg seed and NPK consortia @10ml/kg seed, Soil treatment- with NPK consortia@1 litre/ha with 80-100 kg FYM, Fertilizer application- Soil test based fertilizers + Zinc sulphate @ 15kg/ha as basal, Weed management– Pendimethalin 30EC@ 1.0 litre a.i per ha as Pre-Emergence, Plant Protection- As per need based	Seed	Kharif 2023	30	75	No. of branches per plant, No. of pod per plant, No. of grain per pod, test weight (gm), yield q/ha, B:C ratio
22	Groundnut	GJG-19	Integrated Crop Management	Var. GJG-19, Seed rate 80 kg/ha + Line sowing –spacing (30 x 10 cm), Seed treatment- Vitavax power @ 2.5 gm/kg seed, Imidacloprid 600FS @ 6 ml/kg seed and NPK consortia @10ml/kg seed, Soil treatment- with NPK consortia@1 litre/ha with 80-100 kg FYM, Fertilizer application- Soil test based fertilizers + Zinc sulphate @ 15 kg/ha as basal, Weed management– Pendimethalin 30 EC@ 1.0 litre a.i. per ha as Pre-Emergence	Seed	Kharif 2023	20	50	No. of branches per plant, No. of pod per plant, No. of grain per pod, test weight (gm), yield q/ha, B:C ratio
23	Seasmum	RT-372	Integrated Crop Management	Var. RT-372, Seed rate 5 kg/ha, Line sowing –spacing (30 x 15 cm), Seed treatment- Carbendezim	Seed	Kharif 2023	20	50	No. of branches/plant, plant height (cm), No. of capsule/branch, No. of grains/capsule,

				50WP @ 2.5gm/kg of seed, Imidacloprid 600FS @ 3ml/kg of seed and NPK consortia @10ml/kg of seed, Soil treatment- with NPK consortia @1 litre/ha with 80-100 kg FYM, Fertilizer application- Soil test based fertilizers + Zinc sulphate @ 15 kg/ha as basal, Weed managemen t– Pendimethalin 30 EC @ 1.5 litre/ha as Pre-Emergence, Plant Protection- As per need based					Yield q/ha, Test weight (gm), B:C ratio
24	Mustard	DRMR IJ-31 (Giriraj)	Integrated Crop Management	Var. DRMR IJ-31 (GIRIRAJ), Seed rate 4 kg/ha, Line sowing - spacing (45 x 15 cm), Seed treatment- Carbendazim @ 2.5 gm/kg seed, Imidacloprid 600FS @5 ml/kg seed and NPK consortia @10 ml/kg seed, Soil treatment with NPK consortia @1 ltr./ha with 80-100 kg FYM, Fertilizer application – Soil test based fertilizers application + Sulphur @ 40 kg/ha + Zinc @ 15 kg/ha as basal dose, Plant Protection- Fenvelrate dust 0.4%@ 25 kg/ha	Seed	Rabi 2023-24	50	125	No. of branches/plant, plant height (cm), No. of Siliqua/branch, No. of grains/Siliqua, Yield q/ha, Test weight(gm), B:C ratio
25	Chickpea	GNG- 2144	Integrated Crop Management	Var. GNG-2144, Seed rate 60 kg/ha, Line sowing - spacing (45 x 10 cm), Seed treatment- Vitavax power @ 2 gm/kg seed, Fipronil 5 SC @ 6 ml/kg seed and NPK consortia @10 ml/kg seed, Soil treatment with NPK consortia @1 ltr./ha with 80-100 kg FYM, Fertilizer application – Soil test based fertilizers application + Zinc @ 15 kg/ha	Seed	Rabi 2023-24	40	100	No. of branches per plant, No. of pod per plant, No. of seed per pod, test weight (gm), yield q/ha, B:C ratio
						Total	**180**	**450**	
						Grand Total (FLD+NARI+CFLD)	**264.25**	**1960**	

Sponsored Demonstration

Crop	Area (ha)	No. of farmers
-	-	-
-	-	-

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	18	-	1800
2	Farmers Training	20	-	500
3	Media coverage	15	-	Mass
4	Training for extension functionaries	5	-	75

C. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement/ Enterprises	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators
Seedling Raising (Pro-Tray)	Vegetables	Kharif 2023 & Rabi 2023-24	50	50.0	Pro-Trays	Germination %, Mortality %, Net Income (Rs.), B:C ratio
Vegetable Seedling Raising in Low Cost Poly tunnel	Vegetables	Kharif 2023 & Rabi 2023-24	10	10.0	UV polythene	Germination rate (%), No of healthy seedlings/m, Damage rate (%), No. of days germination required and B:C ratio
Groundnut Decorticator for Drudgery Reduction	Groundnut	Kharif 2023	50	50.0	Demonstration of Groundnut Decorticator	Output (kg/hr), % Increase in efficiency, WHR (beats/min), B:C ratio
Hermatic Storage Bags	Wheat	Rabi 2023-24	20	20.0	Hermatic storage bags	Storage days, Damage of grain%
Hand Wheel One Lane Weeder	Groundnut	Kharif 2023	50	50.0	Demonstration on Hand Wheel One Lane Weeder	Weeding (Area/hr), % Increase in efficiency, WHR (beats/min), Man power required, B:C ratio
		Grand Total	**180**	**180**		

(ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. Etc.	Critical inputs	Performance parameters / indicators
-	-	-	-	-	-
-	-	-	-	-	-

3.3 Training (Including the sponsored and FLD training programmes):

A) ON Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management								
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification								
Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management	04	-	-	-	-	-	-	100
Fodder production								
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables	01	-	-	-	-	-	-	25
Nursery raising								
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards	02	-	-	-	-	-	-	50
Cultivation of Fruit								
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards	01	-	-	-	-	-	-	25
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management								

Production and use of organic inputs								
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing								
IV Livestock Production and Management								
Dairy Management								
Poultry Management								
Piggery Management								
Rabbit Management/goat								
Disease Management								
Feed management								
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	01	-	-	-	-	-	-	25
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition	03	-	-	-	-	-	-	75
Income generation activities for empowerment of rural Women	01	-	-	-	-	-	-	25
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	01	-	-	-	-	-	-	25
Integrated Disease Management								
Bio-control of pests and diseases	01	-	-	-	-	-	-	25
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production								

Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SHGs								
Mobilization of social capital								
Entrepreneurial development of farmers/youths								
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
XII Others (Pl. Specify)								
TOTAL	**15**	**-**	**-**	**-**	**-**	**-**	**-**	**375**
(B) RURAL YOUTH								
Mushroom Production	01	-	-	-	-	-	-	25
Bee-keeping	01	-	-	-	-	-	-	25
Integrated farming	01	-	-	-	-	-	-	25
Seed production	02	-	-	-	-	-	-	50
Production of organic inputs	01	-	-	-	-	-	-	25
Integrated Farming								
Planting material production	01	-	-	-	-	-	-	25
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops	01	-	-	-	-	-	-	25
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops	01	-	-	-	-	-	-	25
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching	01	-	-	-	-	-	-	25
Rural Crafts	01	-	-	-	-	-	-	25
TOTAL	**11**	**-**	**-**	**-**	**-**	**-**	**-**	**275**

I Extension Personnel								
Productivity enhancement in field crops	01	-	-	-	-	-	-	15
Integrated Pest Management	02	-	-	-	-	-	-	30
Integrated Nutrient management								
Rejuvenation of old orchards								
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production								
Household food security								
Women and Child care	02	-	-	-	-	-	-	30
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (Natural Farming)	01	-	-	-	-	-	-	15
TOTAL	**06**	**-**	**-**	**-**	**-**	**-**	**-**	**90**
G. Total	**32**	**-**	**-**	**-**	**-**	**-**	**-**	**740**

B) OFF Campus

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	03	-	-	-	-	-	-	75
Resource Conservation Technologies	01	-	-	-	-	-	-	25
Cropping Systems								
Crop Diversification								
Integrated Farming								
Water management	01	-	-	-	-	-	-	25
Seed production								
Nursery management								
Integrated Crop Management	03	-	-	-	-	-	-	75
Fodder production	01	-	-	-	-	-	-	25
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables	02	-	-	-	-	-	-	50
Nursery raising	01	-	-	-	-	-	-	25
Exotic vegetables like Broccoli	01	-	-	-	-	-	-	25
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
b) Fruits								
Training and Pruning	01	-	-	-	-	-	-	25
Layout and Management of Orchards								
Cultivation of Fruit	01	-	-	-	-	-	-	25
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								

Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management								
Production and use of organic inputs								
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing								
IV Livestock Production and Management								
Dairy Management								
Poultry Management								
Piggery Management								
Rabbit Management /goat								
Disease Management								
Feed management								
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet	02	-	-	-	-	-	-	50
Designing and development for high nutrient efficiency diet	01	-	-	-	-	-	-	25
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition	01	-	-	-	-	-	-	25
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care	02	-	-	-	-	-	-	50
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								

Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	02	-	-	-	-	-	-	50
Integrated Disease Management	01	-	-	-	-	-	-	25
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production	01	-	-	-	-	-	-	25
Planting material production (Horti.)	01	-	-	-	-	-	-	25
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production (Horti.)	01	-	-	-	-	-	-	25
Organic manures production (A.S.)								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development	01	-	-	-	-	-	-	25
Group dynamics	01	-	-	-	-	-	-	25
Formation and Management of SHGs(HS)	01	-	-	-	-	-	-	25
Mobilization of social capital	01	-	-	-	-	-	-	25
Entrepreneurial development of farmers/youths (Agro.)	01	-	-	-	-	-	-	25
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems (Agro)								
XII Others (Pl. Specify)								
TOTAL	**32**	**-**	**-**	**-**	**-**	**-**	**-**	**800**

G. Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	03	-	-	-	-	-	-	75
Resource Conservation Technologies	01	-	-	-	-	-	-	25
Cropping Systems								
Crop Diversification								
Integrated Farming								
Water management	01	-	-	-	-	-	-	25
Seed production								
Nursery management								
Integrated Crop Management	07	-	-	-	-	-	-	175
Fodder production	01	-	-	-	-	-	-	25
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables	03	-	-	-	-	-	-	75
Nursery raising	01	-	-	-	-	-	-	25
Exotic vegetables like Broccoli	01	-	-	-	-	-	-	25
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
b) Fruits								
Training and Pruning	01	-	-	-	-	-	-	25
Layout and Management of Orchards	02	-	-	-	-	-	-	50
Cultivation of Fruit	01	-	-	-	-	-	-	25
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards	01	-	-	-	-	-	-	25
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
(B) RURAL YOUTH								
Mushroom Production	01	-	-	-	-	-	-	25
Bee-keeping	01	-	-	-	-	-	-	25
Integrated farming	01	-	-	-	-	-	-	25
Seed production	02	-	-	-	-	-	-	50

Production of organic inputs	01	-	-	-	-	-	-	25
Planting material production	01	-	-	-	-	-	-	25
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops	01	-	-	-	-	-	-	25
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops	01	-	-	-	-	-	-	25
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching	01	-	-	-	-	-	-	25
Rural Crafts	01	-	-	-	-	-	-	25
TOTAL	**11**	**-**	**-**	**-**	**-**	**-**	**-**	**275**
I Extension Personnel								
Productivity enhancement in field crops	01	-	-	-	-	-	-	15
Integrated Pest Management	02	-	-	-	-	-	-	30
Integrated Nutrient management								
Rejuvenation of old orchards								
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production								
Household food security								
Women and Child care	02	-	-	-	-	-	-	30
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (Natural Farming)	01	-	-	-	-	-	-	15
TOTAL	**06**	**-**	**-**	**-**	**-**	**-**	**-**	**90**
G. Total	**40**	**-**	**-**	**-**	**-**	**-**	**-**	**940**
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								

Integrated Nutrient Management								
Production and use of organic inputs								
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing								
IV Livestock Production and Management								
Dairy Management								
Poultry Management								
Piggery Management								
Rabbit Management/goat								
Disease Management								
Feed management								
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	01	-	-	-	-	-	-	25
Design and development of low/minimum cost diet	02	-	-	-	-	-	-	50
Designing and development for high nutrient efficiency diet	01	-	-	-	-	-	-	25
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition	04	-	-	-	-	-	-	75
Income generation activities for empowerment of rural Women	01	-	-	-	-	-	-	25
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care	02	-	-	-	-	-	-	50
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	03	-	-	-	-	-	-	75
Integrated Disease Management	01	-	-	-	-	-	-	25
Bio-control of pests and diseases	01	-	-	-	-	-	-	25
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production	01	-	-	-	-	-	-	25
Planting material production	01	-	-	-	-	-	-	25
Bio-agents production								
Bio-pesticides production								

Bio-fertilizer production								
Vermi-compost production	01	-	-	-	-	-	-	25
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development	01	-	-	-	-	-	-	25
Group dynamics	01	-	-	-	-	-	-	25
Formation and Management of SHGs	01	-	-	-	-	-	-	25
Mobilization of social capital	01	-	-	-	-	-	-	25
Entrepreneurial development of farmers/youths	01	-	-	-	-	-	-	25
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
Sponsored training								
TOTAL	**24**	**-**	**-**	**-**	**-**	**-**	**-**	**600**
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping								
Integrated farming								
Seed production								
Production of organic inputs								
Integrated Farming								
Planting material production								
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								

Rural Crafts								
TOTAL								
I Extension Personnel								
Productivity enhancement in field crops								
Integrated Pest Management								
Integrated Nutrient management								
Rejuvenation of old orchards								
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production								
Household food security0								
Women and Child care								
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (Natural Farming)								
Total								
G. TOTAL	**64**	**-**	**-**	**-**	**-**	**-**	**-**	**1540**

Details of training programmes attached in **Annexure –I**

3.4. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	18	-	-	-	-	-	-	-	-	1800
Kisan Mela	01	-	-	-	-	-	-	-	-	2000
Kisan Ghosthi	08	-	-	-	-	-	-	-	-	400
Exhibition	05	-	-	-	-	-	-	-	-	5000
Film Show	24	-	-	-	-	-	-	-	-	520
Farmers Seminar	01	-	-	-	-	-	-	-	-	100
Workshop	12	-	-	-	-	-	-	-	-	-
Group Meetings	60	-	-	-	-	-	-	-	-	500
Lectures delivered as resource persons	40	-	-	-	-	-	-	-	-	200
Newspaper Coverage	60	-	-	-	-	-	-	-	-	-
Radio Talks	60	-	-	-	-	-	-	-	-	-
TV Talks	05	-	-	-	-	-	-	-	-	-
Popular Articles	12	-	-	-	-	-	-	-	-	-
Extension Literature	12	-	-	-	-	-	-	-	-	-
Advisory Services	24	-	-	-	-	-	-	-	-	25000
Scientific Visit to Farmers Field	120	-	-	-	-	-	-	-	-	2000
Farmers Visit to KVK	01	-	-	-	-	-	-	-	-	10000
Diagnostic Visits	10	-	-	-	-	-	-	-	-	50
Exposure Visits	02	-	-	-	-	-	-	-	-	100
Ex-trainees Sammelan	02	-	-	-	-	-	-	-	-	60
Soil Health Camp	01	-	-	-	-	-	-	-	-	100
Animal Health Camp	02	-	-	-	-	-	-	-	-	100
Agri Mobile Clinic	01	-	-	-	-	-	-	-	-	25
Soil Test Campaigns	01	-	-	-	-	-	-	-	-	50
Farm Science Club Conveners Meet	01	-	-	-	-	-	-	-	-	25
Self Help Group Conveners Meetings	02	-	-	-	-	-	-	-	-	50
Mahila Mandals Conveners Meetings	02	-	-	-	-	-	-	-	-	60
Celebration of Important Days (specify)	15	-	-	-	-	-	-	-	-	2000
Krishi Mohostva	01	-	-	-	-	-	-	-	-	100
Krishi Rath	-	-	-	-	-	-	-	-	-	-
Pre Kharif Workshop	01	-	-	-	-	-	-	-	-	100
Pre Rabi Workshop	01	-	-	-	-	-	-	-	-	100
PPVFRA Workshop	-	-	-	-	-	-	-	-	-	-
Farmer Scientist Interaction	02	-	-	-	-	-	-	-	-	50
Any Other (Specify)	-	-	-	-	-	-	-	-	-	-
Total	**507**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**50490**

3.5 Target for Production and supply of Technological products

SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
CEREALS	Wheat	RAJ-4079,4120,4238, HD-3086, 3226, HPBW-01, DBW-187	250.0
	Barley	RD-2660, 2786, 2794	100.0
	Pearlmillet	JVB-3	40.0
OILSEEDS			
	Mustard	GIRIRAJ, NRCHB-101, RH-725, PM-30, 31	75.0
	Seasmum	RT-346, 351	10.0
PULSES			
	Green gram	IPM 02-3, IPM 205-7 (VIRAT),	25.0
	Black gram	PU-1, 31	25.0
	Cluster bean	RGC-1033,1038,1066, HG 2-20	10.0
	Cowpea	RC-101	10.0
	Chickpea	CSJ-515, GNG-1581, 1958, 2144, 2171	55.0
OTHERS (Specify)			
		TOTAL	**600.00**

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS			
	Papaya	Hybrid	2500
	Pomegranate	Super Bhagwa	2000
	Lime	Barahmasi	2000
	Aonla	Chakaiya	2000
	Bael	Seeded	2000
	Karonda	Seeded	500
	Guava	Seeded	1000
SPICES			
VEGETABLES			
	Tomato	Hybrid	30000
	Chilli	Hybrid	30000
	Brinjal	Hybrid	25000
	Broccoli	Hybrid	25000
	Cauliflower	Hybrid	25000
	Cabbage	Hybrid	25000
FOREST SPECIES			
	Karanj	-	1000
	Ashok	-	1000
	Amaltas	-	1000
ORNAMENTAL CROPS	-	-	5000
NAPIER CUTTING	-	CO4	20000
		TOTAL	**200000**

Bio-products

S. No.	Product Name	Species	Quantity	
			No	(kg/litre/qtl)
1	Vermicompost	-	-	500 qtl
2	Earthworms	-	-	100 kg
3	Waste Decomposer	-	-	2500 litre
4	Vermi-wash	-	-	1000 litre
5	Jivamrit	-	-	2500litre
6	Ghanjivamrit	-	-	5 qtl

LIVESTOCK

S. No.	Type	Breed	Quantity	
			(Nos)	Unit
Cattle				
GOAT	-	Sirohi	10	-
SHEEP				
POULTRY				
Pig farming				
FISHERIES				

3.6. Literature to be Developed/Published

(A) KVK News Letter

Date of start : January 1, 2023 to December 31, 2023

Number of copies to be published : 2000

(B) Literature developed/published

S.No.	Topic	Number
1	Research paper each scientist	10
2	Technical reports	02
3	News letters	04
4	Training manual all discipline	02
5	Popular article	12
6	Extension literature	10
	Total	**40**

I Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1	DVD	Preparation and use of Jivamrit	05
2	DVD	Preparation and use of Ghanjivamrit	05
2	DVD	Value Addition of Aonla	05
3	DVD	Propagation method of Fruit Plants	05
		Total	**20**

3.7. Success stories/Case studies identified for development as a case. -

a. Brief introduction

b. Interventions

c. Output

d. Outcomes

e. Impact: i) Social economic ii) Bio-Physical

f. Good Action Photographs

3.8 Indicate the specific training need analysis tools/methodology followed for

Practicing Farmers

a)

Rural Youth

a)

In-service personnel

a)

3.9 Indicate the methodology for identifying OFTs/FLDs

For OFT:

G. PRA
ii) Problem identified from Matrix
iii) Field level observations
iv) Farmer group discussions
v) Others if any

For FLD:

i) New variety/technology
ii) Poor yield at farmers level
iii) Existing cropping system
iv) Others if any

3.10 Field activities

i. Name of villages identified/adopted with block name (from which year) -
ii. No. of farm families selected per village :
iii. No. of survey/PRA conducted :
iv. No. of technologies taken to the adopted villages
v. Name of the technologies found suitable by the farmers of the adopted villages:
vi. Impact (production, income, employment, area/technological– horizontal/vertical)
vii. Constraints if any in the continued application of these improved technologies

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab: Ok

A. Year of establishment: 2005

B. List of equipments purchase with amount

S. No.	Name of the equipment	Quantity (No.)	Cost (Rs)
1	pH meter	1	10,600/-
2	EC meter	1	11,400/-
3	Flame-photometer	1	34,920/-
4	Spectrophotometer	1	44,700/-
5	Hot Plate Tempo make, rectangular size	2	5,460/-
6	Kjeldahl Digestion & Distillation, SECOR	1	11,400/-
7	Rotary Shaker, Remi make Model (RS-24)	1	36,945/-
8	Oven Elite make 600X600X600 mm	1	16,200/-
9	Lab-grinder Khera make, 40X25 mm	1	6,200/-
10	Water distillation still Tenco make	1	2,520/-
11	Water distillation still Bhanu Qualigens make	1	66,300/-
12	Physical Balance Sartorius make	1	21,000/-
13	Chemical Balance, Sartorious make	1	78,100/-
14	KEL PLUS automatic microprocessor based	1	48,132/-
15	AQUPOWER make 2 KVA ONLINE UPS	1	41,000/-
16	Intel Micro Vesta PC Model Pentium-IV	1	29,750/-
17	CD-Writer	1	1,100/-
18	Autoclave Vertical with aliment	1	19,920/-
19	Incubator with Digital Temp	1	19,475/-
20	Refrigerator – Double Door with stabilizer	1	19,300/-
21	HP Laser Jet 1010 Printer	1	11,200/-
22	Eurocleean Bullet Vacuum Cleaner	1	6,390/-
23	Atomic Absorptions Spectrophotometer(AAS-4129)	1	8,16,000/-
24	KEL Plus N Analyzer	1	3,49,000/-
25	Water Distillation Unit	1	21,500/-
26	Digital EC & pH meter	1	5,400/-
27	Bottle Top Dispenser	1	15,600/-
28	Soil Testing Kit STFR	2	1,78,000/-
		Grand Total (Rs.)	**19,27,512/-**

C. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	1000	-	-	-
Water	500	-	-	-
Plant	-	-	-	-
Total	**1500**	**-**	**-**	**-**

4.0 LINKAGES

4.1 Functional linkage with different organizations

S. No.	Name of organization	Nature of Linkage
1.	Deptt. Of Agriculture, Tonk	Conducted various training programmes, field days etc. with their cooperation.
2.	ATMA, Tonk	Conducted various training programmes, field days, Kisan Mela, extension activities etc. with their cooperation.
3.	Deptt. Of Horticulture, Tonk	Training programmes sponsored by Horticulture Deptt. Such as Fruit and Vegetable Preservation & Mushroom cultivation were conducted.
4.	Deptt. Of Soil Conservation, Tonk	Conducted various sponsored training programmes of the department.
5.	Deptt. Of Animal Husbandry, Tonk	Jointly organized treatment and vaccination camps.
6.	Deptt. Of Cooperative Dairy, Tonk	Mutually organized trainings, Field days, farmers fair & exposure visit.
7.	Agriculture Training Centre, Tonk	Jointly organized trainings of farmers and field level functionaries
8.	Department of forest	Jointly organized Van Mahotasav and training camps.
9.	Banks (SBI,SBBJ,BOB,BRGB, Indian Overseas, UCO etc), Tonk	Trainings & loaning of Agricultural based enterprises by Banks.
10.	RARI, Durgapura, Jaipur	Received technical guidance and breeder seed for TFL seed production. Support in OFT, FLD, Training, AVTs, IVTs and multi location trails.
11.	C.S.W.R.I. Avikanagar, Tonk	Mutually organized trainings & Melas.
12.	IFGRI Centre, Avikanagar	Technical support in fodder promotion programmes
13.	IFFCO, Tonk	Joint organization of field trainings, crop demonstrations, Kisan-melas & farmers visit.
14.	DISHA (World Vision), Tonk	Joint organization of farmers trainings & farmers visit.
15.	Animal Health & Production Research Centre (RAJUVAS), Jaipur	Joint trainings, Field days, farmers fair & exposure visit.
16.	ICDS, Tonk	Promotion of self-help groups
17.	Department of Water Resources (RWSLIP, Jaipur)	Promotion of Water Conservation techniques and cultivation of exotic vegetables

4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district: Yes

S. No.	Programme	Nature of linkage
1	Training	Mutual participation
2	Exposure Visit	Mutual participation
3	Exhibition	Mutual participation
4	Farmers Fair	Mutual participation

4.3 Give details of programmes under National Horticultural Mission

S. No.	Programme	Nature of linkage
1	Farmer Seminar	Mutual participation
2	Training Programme	Mutual participation

4.4 Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage

5.0 Utilization of hostel facilities

S. No.	Programme	No. of days
1	Trainings	80-90
	Total	**80-90**

6.0 Convergence with departments:

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Tonk	ATMA, RAJEEVIKA, NHM, RKVY, NAIP, IFFCO	Central	-	Training	District	-
	DDA, RICEM, Zila Panchyat, Seed Village	State	-	Training	District	-
	RWSLIP, Jaipur	State	-	Training, Demonstration, Seminar, Exposure Visit	District	-

7.0 Feedback of the farmers about the technologies demonstrated and assessed: NA

8.0 Feedback from the KVK Scientists (Subject wise) to the research institutions/universities: NA

Annexure – I

Training Programme

A. Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
June-August	PF/FW	Package of Practices Kharif Pulses Crops	04	-	-	-	-	-	-	25
June-August	PF/FW	Package of Practices Kharif Oilseed Crops	04	-	-	-	-	-	-	25
September-November	PF/FW	Package of Practices Mustard Crop	04	-	-	-	-	-	-	25
October-December	PF/FW	Package of Practices Chickpea Crop	04	-	-	-	-	-	-	25
Horticulture										
January	PF/FW	Cultivation Practices of Early Cucurbits	04	-	-	-	-	-	-	25
April	PF/FW	Layout & Planning of New Orchards	04	-	-	-	-	-	-	25
May	PF/FW	Layout of High Density Orchard	04	-	-	-	-	-	-	25
June	PF/FW	Micro-irrigation technologies in fruits & vegetables	04	-	-	-	-	-	-	25
September	PF/FW	Preparation & Application Method of Natural Farming Components	04	-	-	-	-	-	-	25
Livestock prod.										
Agril. Engg.										
Home Science										
January-February	FW	Preparation of Organic Color for Holi Festival	04	-	-	-	-	-	-	25
May	FW	Value addition of Tomato	04	-	-	-	-	-	-	25
June-September	FW	Nutrition Garden for food and Nutritional Security	04	-	-	-	-	-	-	25
September	FW	Value addition of Pearl Millet	04	-	-	-	-	-	-	25
December	FW	Value addition of Seasonal Vegetables	04	-	-	-	-	-	-	25
Plan Protection										
July	PF/FW	IPM in Green gram & Black gram	04	-	-	-	-	-	-	25
October	PF/FW	Use of Bio-pesticide & Precaution	04	-	-	-	-	-	-	25
Soil Health(Soil Health and Fertility Management)										

B. Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
February	PF/FW	Green Fodder Production Techniques in Summer Season	04	-	-	-	-	-	-	25
March	PF/FW	Package of Practices Zaid Crop	04	-	-	-	-	-	-	25
May	PF/FW	Package of Practices Pearl Millet Crop	04	-	-	-	-	-	-	25
July	PF/FW	Integrated weed management in Kharif Pulses	04	-	-	-	-	-	-	25
October	PF/FW	Package of practices on Wheat Crop	04	-	-	-	-	-	-	25
November	PF/FW	Integrated weed management in Rabi Cereals	04	-	-	-	-	-	-	25
November	PF/FW	Irrigation Management in Rabi Cereals	04	-	-	-	-	-	-	25
December	PF/FW	Frost Management in Rabi Crops	04	-	-	-	-	-	-	25
Horticulture										
May	PF/FW	Scientific Method of Papaya Cultivation	04	-	-	-	-	-	-	25
May	PF/FW	Cultivation Practices of Off season Vegetables	04	-	-	-	-	-	-	25
June	PF/FW	Nursery raising of vegetables in Pro-trays	04	-	-	-	-	-	-	25
September	PF/FW	Package of practices of Broccoli	04	-	-	-	-	-	-	25
November	PF/FW	Cultivation Practices of Water Melon in Low Tunnel	04	-	-	-	-	-	-	25
December	PF/FW	Training & Pruning Method of Guava Orchards	04	-	-	-	-	-	-	25
Live Stock Production.										
Agril. Engg.										
Home Science										
January	FW	Importance of immunization for human health	04	-	-	-	-	-	-	25

February	FW	Role of food and exercise to cure hypertension	04	-	-	-	-	-	-	25
April	FW	Value addition of Chickpea	04	-	-	-	-	-	-	25
June	FW	Benefits of Fruits and Vegetables in Nutritional Security	04	-	-	-	-	-	-	25
August	FW	Preparation of Low cost recipes for mal-nourished child	04	-	-	-	-	-	-	25
November	FW	Importance of balance diet in human health	04	-	-	-	-	-	-	25
Plant Protection										
July	PF/FW	Integrated pest management in Groundnut	04	-	-	-	-	-	-	25
November	PF/FW	Integrated Diseases management in Chickpea	04	-	-	-	-	-	-	25
December	PF/FW	Integrated Diseases management in Mustard	04	-	-	-	-	-	-	25
Extension Education										
Fisheries										
Soil health										

C. Vocational Training Programmes & Rural Youth Training Programme for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Month	Duration (days)	No. of Participants			SC/ST participants			G. Total
					M	F	T	M	F	T	
IFS	IFS	Integrated Farming System	February	05	-	-	-	-	-	-	25
Green gram	Seed Production	Seed production technology of Zaid Green gram	February-March	05	-	-	-	-	-	-	25
Wheat	Organic Farming	Importance & Method of Organic Farming	March	05	-	-	-	-	-	-	25
Mustard	Seed Production	Seed production technology of Mustard	September-January	05	-	-	-	-	-	-	25
Vegetables	Vegetable Production	Off season vegetable cultivation in shed net house	January	05	-	-	-	-	-	-	25
Fruit Plant	Nursery Management	Propagation methods of fruit Plants	July	05	-	-	-	-	-	-	25
Nursery	Nursery Management	Nursery Management of Horticulture Crops	July	05	-	-	-	-	-	-	25
Stitching Garments	Income generation	Income & employment generation for rural youth through stitching of garments	June	05	-	-	-	-	-	-	25
Mushroom	Mushroom cultivation	Preparation & procedure of mushroom cultivation	October	05	-	-	-	-	-	-	25
Handy Craft	Income Generation	Income and employment generation through handy craft preparation	December	05	-	-	-	-	-	-	25
Bee-Keeping	IPM	Preparation & Methods of Apiculture	September	05	-	-	-	-	-	-	25

D. Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
On Campus										
September	EF	Latest technologies & agricultural practices of different Rabi Crops	01	-	-	-	-	-	-	15
October	EF	Preparation & Application Method of Natural Farming Components in Horticulture Crops	01	-	-	-	-	-	-	15
April	EF	Importance of sanitary napkins for proper health and care of women	01	-	-	-	-	-	-	15
September	EF	Importance of balance diet during pregnancy and lactation	01	-	-	-	-	-	-	15
June	EF	Integrated Pest & Diseases Management of Pulses crops	02	-	-	-	-	-	-	15
October	EF	Integrated Pest & Diseases Management on Mustard crop	01	-	-	-	-	-	-	15

E. Sponsored programme

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
a) Sponsored training programme											
			Total								
b) Sponsored research programme											
			Total								
c) Any special programmes											
			Total								