ANNUAL ACTION PLAN

Year - 2025

January to December

Krishi Vigyan Kendra

Ganpat University

Mehsana-Gozaria highway, Ganpat Vidyanagar-384012

Ta & Dist - Mehsana, Gujarat

- 7778033471, web: kvkmehsana.org

Email - kvkmehsana@ganpatuniversity.ac.in, kvkmehsana@gmail.com

Krishi Vigyan Kendra

Ganpat University

Mehsana-Gozaria highway, Ganpat Vidyanagar-384012

Ta & Dist - Mehsana, Gujarat

Mob - 7778033471, web: kvkmehsana.org

Email - kvkmehsana@ganpatuniversity.ac.in, kvkmehsana@gmail.com

INDEX

DETAILS OF ACTION PLAN OF KVKs DURING 2025

(1st January 2025 to 31st December 2025)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address with PIN code	Telephone		E mail	Website address & No. of visitors (hits)
Krishi Vigyan Kendra Ganpat University Mehsana-Gozaria Highway, Ganpat Vidyanagar-384012, Mehsana, Gujarat.	**Office** 7778033471	**FAX** -	kvkmehsana@ganpatuniversity.ac.in	www.kvkmehsana.org 23140

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

Address	Telephone		E mail	Website address
	Office	**FAX**		
Mehsana District Education Foundation, Ganpat University Mehsana-Gozaria Highway, GanpatVidyanagar -384012, Mehsana, Gujarat	(02762) 286924	(02762) 286080	info@ganpatuniversity.ac.in, dg@ganpatuniversity.ac.in	www.ganpatuniversity.ac.in

1.3. Name of the Senior Scientist and Head with phone & mobile no.

Name	Telephone / Contact		
	Office	**Mobile**	**Email**
Dr. R A Patel	07778033471	9427692805	rapatel_2003@rediffmail.com

1.4. Year of sanction & type of host organization: 2005, NGO

1.5. Staff Position (as on 31st December 2024)

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	If Permanent, Please indicate		Date of joining	If Temporary, pl. indicate the consolidated amount paid (Rs./month)
				Current Pay Band	Level		
1	Senior Scientist and Head	Dr.R.A.Patel	Plant Protection	156900	13A	14-12-2018	-
2	Subject Matter Specialist	Dr.S.M.Soni	Animal Husbandry	96600	11	23-01-2006	-
3	Subject Matter Specialist	Shri.B.K.Patel	Crop Production	102500	11	17-02-2006	-
4	Subject Matter Specialist	Shri.M.R.Patel	Extension Education	80900	10	09-04-2012	-
5	Subject Matter Specialist	Mrs.BabitaRamniwas	Home Science	73200	10	07-07-2015	-
6	Subject Matter Specialist	Shri.R.A. Kachhadia	Agricultural Engineering	73200	10	07-07-2015	-
7	Subject Matter Specialist	Mrs.R.G.Barad	Horticulture	57800	10	04-10-2023	-
8	Programme Assistant	Ku.R.R.Patel	Home Science	60400	6	29-08-2009	-
9	Computer Programmer	Shr.A.D.Patel		66000	7	29-05-2006	-
10	Farm Manager	Vacant	-	-	-	-	-
11	Accountant/Superintendent	Shri.J.M.Patel		60400	6	01-09-2009	-
12	Stenographer	Shri.G.C.Rathod		45400	5	01-06-2006	-
13	Driver 1	Shri.K.G.Patel		37500	4	25-09-2006	-
14	Driver 2	Shri.H.J.Patel	-	22400	3	26-12-2023	-
15	Supporting staff 1	Shri.M.H.Patel		33000	2	18-05-2006	-
16	Supporting staff 2	Shri.S.M.Patel		33000	2	18-05-2006	-

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	0.85
2.	Under Demonstration Units	1.00
3.	Under Crops	5.00
4.	Horticulture and agroforestry	12.27
5.	Pond	1.00
6.	Others if any	-
	Total	**20.12**

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
1.	Administrative Building	ICAR	31/03/2008	550	4017138			
2.	Farmers Hostel	ICAR	17/04/2008	305.00	5657018			
3.	Staff Quarters (6)	ICAR	17/04/2008	397.50	4719570			
4.	Demonstration Units Vermicompost Unit	ICAR	31/03/2008	80	319000			
5	Fencing	-						
6	Rain Water harvesting system	-						
7	Threshing floor	ICAR	01/03/2007	225	122270			
8	Farm godown	ICAR	31/03/2008	60	410000			
9	ICT Lab.	-	-	-	-			
10	Implement Shed	ICAR	31/01/2012	80	300000			
11	Technology Information Unit	ICAR	31/03/2017	-	496176			
12	Azolla Unit	Revolving fund	31/03/2016	30	30,000			
13	Automatic jivamrut unit (Biofertilizer unit)	Revolving fund	31/01/2018	50	1,50,000			
14	Micro Irrigation system	Revolving fund	31/01/2018	-	1,30,000			
15	NADEP compost	ICAR	31/03/2019	40	22500			

16	Hydroponics Unit	Revolving fund	31/03/2019		5000			
17	Green House unit	Revolving fund	31/03/2019		50000			
18	Kitchen Garden	Revolving fund	31/03/2019		13985			
19	Biogas Unit	-	01/12/2019		-			
20	Bio-pesticides Unit							
21	Nursery Unit		01/04/2024					

B. Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Mahindra Bolero BS6	2024	900,000/-	10203	Very Good
Messy tractor with trolley	23/06/2004	3,50,000/-	14327 hr	Very poor
Motor cycle	13/10/2011	50,000/-	20354	Good

C. Equipment & AV aids

Name of the equipment / Implements	Year of purchase	Cost (Rs.)	Present status
-	-	-	-

1.8. Details of SAC meetings to be conducted in the year

SAC meetings	Date
Scientific Advisory Committee - Meeting	24/01/2025

2. DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
1	Groundnut-Wheat -Pearl millet/Sorghum
2	Cotton-Potato-Pearl millet
3	Castor
4	Fennel
5	Pulses/Sesamum –Cumin -Pearl millet
6	Pulses-Mustard-Pearl millet/Sorghum
7	Pulses-Fennel
8	Cotton-Potato/Wheat

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

a. Agro-climatic Zone

Sl. No.	Agro-climatic Zone	Characteristics
1	IV (North Gujarat)	Semi arid and subtropical

b. Agro ecological situations

S. No.	Agro ecological situation	Characteristics
1	Alluvial sandy soils with medium rain fall	Sandy and loamy sand soil
2	Alluvial sandy soils with low rain fall	Sandy loam soil
3	Alluvial sandy loam soils with medium rain fall	Sandy loam soil
4	Medium black ill-drained soils with medium rainfall	Sandy, Clay loam and clay soil

2.3. Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Medium black	Medium water holding capacity Medium permeability	64500
2	Sandy loam	Retain more water and nutrient than sandy soil and black soil	259700
3	Sandy	Low water holding capacity High permeability	28900
4	Saline / salt affected	Salt accumulat on soil surface, Water logging condition, Crack formation during summer season, It contain excess neutral soluble salts chiefly chlorides and sulphate of Na, Mg and Ca	81900
		Total	435000

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

(Area: "00" ha, Prod. : "00" MT, Yield : kg/ha)

SR. No.	Crops	2019-20			2020-21			2021-22			2022-23		
		AREA	PROD.	YIELD	AREA	PROD.	YIELD	AREA	PROD.	YIELD	AREA	PROD.	YIELD
1	Rice Irrigated	40.30	78.53	1948.53	55.01	120.51	2190.67	51.79	118.56	2289.33	53.37	120.92	2265.62
	Rice summer	1.70	5.01	2949.67	1.73	5.19	2999.01	1.89	5.53	2923.99	2.01	5.91	2935.28
2	Bajara Kharif	30.15	51.50	1708.25	35.16	41.16	1170.68	34.02	60.98	1792.50	32.32	50.07	1549.11
	Bajara summer	104.25	338.58	3247.79	103.16	273.29	2649.19	90.16	276.41	3065.80	103.56	302.31	2919.21
3	Maize kharif	1.97	2.95	1497.34	3.63	5.52	1520.85	3.10	6.04	1949.53	3.34	5.95	1780.01
	Maize rabi	0.80	1.82	2276.00	0.65	1.48	2273.01	2.05	5.19	2529.81	1.60	4.14	2590.38
4	Moong kharif	19.76	7.66	387.60	21.41	8.82	412.04	27.27	10.34	379.00	24.98	11.51	460.87
	Moong Summer	2.73	2.85	1044.95	2.05	2.35	1147.78	1.76	2.33	1324.79	1.81	2.19	1211.79
5	Math kharif	3.35	1.55	461.82	6.18	3.22	521.46	5.49	2.42	440.62	5.24	2.56	488.06
6	Udad kharif	71.92	32.98	458.52	109.75	64.91	591.45	190.20	76.70	403.25	137.12	70.01	510.58
	Udad summer	0.00	0.00	0.00	0.02	0.02	900.00	0.00	0.00	0.00	0.02	0.02	900.00
7	Tur kharif	0.20	0.20	990.54	0.92	1.09	1185.81	1.29	1.50	1159.84	0.89	1.04	1169.33
8	Groundnut kharif	139.79	390.09	2790.51	241.93	783.58	3238.86	217.03	661.20	3046.59	224.11	680.77	3037.61
	Groundnut summer	20.49	50.12	2446.30	18.68	38.11	2040.00	12.77	28.29	2215.00	13.85	29.83	2154.21
9	Castor	977.76	2336.69	2389.84	813.95	1960.38	2408.48	828.58	2049.85	2473.93	841.19	2066.63	2456.79
10	Sesamum kharif	16.58	7.21	434.77	17.60	4.00	227.00	18.41	6.09	330.56	16.62	5.77	347.22
	Summer	5.36	2.95	550.00	3.50	1.75	500.00	7.13	3.85	540.00	4.94	3.06	618.35
11	Soyabean	0.00	0.00	0.00	0.25	0.34	1357.46	0.32	0.52	1630.69	0.90	1.48	1645.78
12	Cotton irrigated	382.06	1225.85	545.45	356.02	1372.85	655.54	322.46	1208.21	636.97	353.26	1380.50	664.33
13	Tobacco kharif	0.50	0.98	1965.67	0.08	0.16	2054.18	0.00	0.00	0.00	0.08	0.16	2054.18

	Tobaco rabi	162.00	562.25	3470.65	179.10	608.36	3396.78	180.62	618.50	3424.29	172.38	563.95	3271.54
14	Guar	138.80	99.39	716.06	137.05	123.84	903.61	122.50	99.32	810.81	117.67	103.07	875.99
15	Wheat irrigated	686.29	2379.13	3466.65	717.51	2432.16	3389.73	681.27	2243.28	3292.80	689.19	2265.01	3286.50
16	Gram	0.80	1.82	2276.00	0.65	1.48	2273.01	11.35	21.65	1907.62	9.98	17.97	1801.64
17	Mustard	126.78	245.00	1932.47	153.34	299.77	1954.93	219.35	468.37	2135.26	205.52	407.92	1984.84

Source :www.agri.gujarat.gov.in

Area, production and productivity of Horticultural crops (2023-24)

Crop	Area (ha)	Production (MT)	Productivity (Mt/ha)
Mango	1050	5460	5.20
Chiku	1040	9880	9.50
Citrus	13400	180900	13.50
Ber	1700	17000	10.00
Guava	900	9000	10.00
Pomegranate	740	8880	12.00
Date palm	18	90	5.00
Papaya	530	27560	52.00
Custard apple	75	578	7.70
Aonla	1240	10540	8.50
Potato	10430	302470	29.00
Sweet potato	150	2250	15.00
Onion	206	4326	21.00
Brinjal	3040	50160	16.50
Cabbage	2025	36450	18.00
Okra	2190	28470	13.00
Tomato	6230	194688	31.25
Cauliflower	1950	39000	20.00
Watermelon	575	12650	22.00
Clusterbean	3500	37625	10.75
Cowpea	900	9000	10.00
Cucurbits	1970	30841	15.66
Cumin	294	265	0.90
Fennel	12151	26732	2.20
Dry Chilli	800	1520	1.90
Green Chilli	3100	46500	15.00
Fenugreek	768	1536	2.00
Ajwain	5843	6427	1.10
Dilseed	949	1139	1.20
Garlic	106	625	5.90
Coriander	84	118	1.40
Flowers	175	1606	9.18

Source: Dept. of Horticulture, Gandhinagar, Gujarat

2.5. Weather data (2024)

Month	Rainfall (mm)	Temperature ^{0} C	
		Maximum	Minimum
January-2024	00	28	14
February-2024	00	32	17
March-2024	0.81	35	20
April-2024	0.23	39	25
May-2024	8.50	42	28
June-2024	28.91	39	29
July-2024	247.04	34	28
August-2024	245.45	31	26
September-2024	142.75	32	25
October-2024	0	36	25
November-2024	0	31	21
December-2024	0	28	14

Source :Worldweatheronline.com/Mehsana

2.6. Production and productivity of livestock, Poultry, Fisheries etc in the district (2021-22)

Category	Population	Production	Productivity
Cattle			
Crossbred	3,24,000		9.51 kg
Indigenous			4.50 kg
Buffalo	4,88,000		5.27 kg
Sheep	11,000	12,740 kg (wool)	1.39 kg (wool)
Crossbred			
Indigenous			
Goats	1,12,000		0.50 kg
Pigs			
Crossbred			
Indigenous			
Horse	976		
Donkey	170		
Poultry	1,57,000		
Camel	3410		
Hens		1,20,00,000 no. of eggs	
Desi	17,000		117
Improved	1,41,000		288
Ducks			
Turkey and others			
Fish (Reservoir)			

** Bulletin of Animal Husbandry and Dairying Statistics, 2021-22*

2.7. Details of Operational area / Villages

Sr.No.	Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Visnagar	Visnagar	Savala, Rajgadh, Kuvasana, Saduthala, Pamol, Ghaghret, Ralisana,Kiyadar,Hasanpur, Trasvad	Castor, Cotton, Tobacco, Wheat, Pearl millet , Sorghum, Mustard, Lucerne, Fennel, Cumin, Chilli, Potato, Pomegranate, Acid lime, Ber, Guava, Watermelon, Brinjal, Paddy, Sesamum, Clusterbean, Tomato, Sapota, Aonla, Green gram, mango, Drumstick, groundnut, ajwain, oil seed crops, horticulture crops, pulses crops, Mothbean, Fodder crops,	▪ Less land holding ▪ No use of high yielding and resistant varieties ▪ No use of micronutrients ▪ Acute shortage of irrigation water ▪ Unawareness about pest identification and disease diagnosis ▪ Shortage of organic manures ▪ Poor quality of manures ▪ Imbalance chemical fertilizers application ▪ Poor physical characteristic of soils ▪ Low availability of green fodder ▪ Crop damaged by wild animals ▪ Low market price of crop produced ▪ Unhealthy raising of vegetables seedling ▪ Low productivity of live stocks ▪ Not follow post harvest management ▪ Found health weakness in Girls and women ▪ Improper Orchard management ▪ High cost of cultivation ▪ Labour scarcity ▪ High cost of animal feeds ▪ Unawareness about animal feed management ▪ Found storage loss in grain ▪ Poor socio economic conditions ▪ Lack of skill	▪ Integrated Crop Management ▪ Integrated Nutrient Management ▪ Integrated Pest Management ▪ Integrated Disease Management ▪ Micro Irrigation System ▪ Disease Management in dairy animal ▪ Feed Management in dairy animals ▪ Dairy Management ▪ Breeding management in dairy animals ▪ Soil fertility management ▪ Nursery Management ▪ Fodder Production ▪ Production of Organics Inputs ▪ Production and Management technology of horticultural crops ▪ Value Addition ▪ Low Cost High Nutrient Diet ▪ Storage loss Minimization Technology ▪ Women and Child Care ▪ Household Food Security by kitchen garden ▪ Farm Mechanization ▪ Group Dynamics
2	Mehsana	Mehsana	Rupal,, Kukas, Mohanpura, Meu, Padhariya, Buttapaldi, Virta, Boriyavi, Sametra, Khara, Bhesana, Devrasan, Jamnapur, Bhasariya, Davada, Aloda, Pulidara, Deloli,, Maguna, Taleti, Palodar, Mareda, Lalpur, Nanidau, Gokalgadh, Hebuva, Jagudan, Kherva, Ucharpi			
3	Kadi	Kadi	Ganeshpura, Siyapura, Khavad, Karannagar, Rangpurda, Ranchhodpura			
4	Vijapur	Vijapur	Kot, Kharod, Bhavsor,			

			Vajapur, Sokhada, Anandpura, Sankapura, Bajipura, Vasai	Poultry , livestock, farm implements, home science, organic farming, women empowerment, soil health, capacity building, kitchen garden, cattle	▪ Unawareness about balance diet in BPL families ▪ Indiscriminate use of pesticides ▪ Less shelf life of fruits and vegetables ▪ Anaemia in adolescent girls and farm women ▪ Lack of knowledge about secondary agriculture ▪ Use of improved farm implements are not affordable ▪ Heavy infestation of nematodes in fruits and vegetable crops ▪ Low productivity of major crops ▪ Problematic soil ▪ Disease infestation due to heavy irrigation ▪ High mortality rate in calf ▪ Indiscriminate use of fungicides ▪ Unawareness about seed treatment ▪ deficiency of micro nutrients ▪ Low fodder yield ▪ Improper housing ▪ Unawareness about vaccination and deworming ▪ Low profitability ▪ High cost of fuel ▪ Less use of ICT tools ▪ Lack of knowledge about market price of product ▪ Unawareness about nutri-rich crops	▪ Entrepreneurship Development ▪ Local specific Drudgery Reduction Technology ▪ Organic farming ▪ Seed production ▪ Repair and maintain of farm machineries and implements ▪ Varietal evaluation ▪ Production of small tools and implements ▪ Production of feed and fodder ▪ Management of problematic soil ▪ Mobilization of social capital ▪ Leadership development ▪ Vermicompost ▪ Use of bio fertilizer ▪ Post harvest technology ▪ Soil and water testing ▪ Soil and water conservation ▪ Minimization of nutrient loss in processing ▪ Designing and development of low / minimum cost diet ▪ WTO and IPR issue ▪ Use of plastics in farming practices ▪ Group dynamics
5	Satlasana	Satlasana	Sartanpur, Navavas, Satlasana			
6	Bechraji	Bechraji	Bariaf, Devgadh, Venpura, Dethali, Ganbhu, Adiwada			
7	Vadnagar	Vadnagar	Kamalpur, Chhabaliya, Sabalpur, Kahipur, Malekpur, Sulipur			
8	Kheralu	Kheralu	Varetha, Nani hirvani, Dedasan, Kuda, Fatehpura, Chansol, Mandropur, Ambavada, Vaghvadi			
9	Unjha	Unjha	Amudh, Sunok, Bhunav, Mahervada, Surajnagar, Kahoda, Brahmanvada, Karli, Tundav, Kamli			
10	Jotana	Jotana	Santhal, Martoli, Ijpura, Jakasana, Moyan, Ajabpura			

2.8. Priority thrust areas:

Crop/Enterprise	Thrust area
Oilseed crop - Groundnut Cotton,Castor, Sesamum, Mustard	Integrated Crop Management Integrated Nutrient Management Integrated Disease Management Integrated Pest Management Productivity enhancement in field crops Weed management Micro-irrigation system Varietal evaluation
Pulse crop - Greengram, Blackgram, chickpea	Integrated Crop Management Integrated Nutrient Management Integrated Disease Management Seed Production Integrated Pest Management Post harvest technology Weed management
Fodder Bajra and Sorghum	Integrated Crop Management Integrated Nutrient Management Varietal evaluation
Potato, Chilli and Tomato	Integrated Disease Management Integrated Pest Management Integrated Crop Management Integrated Nutrient Management Value Addition Nursery Raising Production of low volume and high value crops Cultivation of fruits Micro-irrigation system
Wheat	Integrated Crop Management Integrated Nutrient Management Integrated Pest Management Varietal evaluation
Spice crops - Fennel, Fenugreek, Ajwain, Cumin	Integrated Nutrient Management Integrated Disease Management Integrated Pest Management Micro Irrigation System Processing and Value Addition Production and Management Technology Post Harvest Technology Production of small tools and implements
Acid Lime, Drumstick, Papaya, Watermelon and Guava	Production and Management Technology Micro Nutrient Application Integrated Disease Management Integrated Pest Management Value Addition Micro Irrigation System Rejuvenation of old orchard Integrated farming system Soil and water conservation Use of plastic in farming practices Post Harvest Technology
Kitchen Garden	House hold Food Security by kitchen gardening and nutritional gardening
Farm Implements	Local Specific Drudgery Reduction Technology Farm Mechanization

	Production of small tools and implements Repair and maintenance of farm machinery and implements Installation and maintenance of MIS Post-harvest technology
Cattle	Dairy Management Feed Management Disease Management Production of livestock feed and fodder Dairying Management in farm animals
Soil Health	Production of Organic Inputs Soil Fertility Management Management of problematic soil Soil and water testing Soil and water conservation
Women Empowerment & Home Science	Income Generation Activities for empowerment of rural women Storage loss minimization techniques Women and child care Value Addition Design and development of low/minimum cost diet Location specific drudgery reduction technologies Design and development for high nutrient efficiency diet
Capacity Building	Group Dynamics Entrepreneurial development of farmers/youths Mobilization of social capital Leadership development Formation and management of SHGs WTO and IPR issue
Natural Farming	Vermi Compost production Production of bio-control agents and bio-pesticides Organic manure production Bio-fertilizer production Production of organic inputs Resource conservation technologies PrakrutikKheti
Millets crops	Integrated Crop Management Integrated Nutrient Management Integrated Disease Management Integrated Pest Management Value addition

3. TECHNICAL PROGRAMMES

3.1. A. Details of targeted mandatory activities by KVK

OFT		FLD	
(1)		(2)	
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers
9	90	80	570
Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
92	2115	134	3460

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Soil Samples
(5)	(6)	(7)	(8)
41	12500	0	250

3.1. B. Operational areas details proposed during 2025

Sr.No.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (Ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Intervention (OFT, FLD, Training, extension activity etc.)*
1	Blackgram	False sowing method Injudicious use of fertilizers No use of bio-fertilizers as well as micronutrients	2500 ha	Mehsana district	OFT, FLD, Training and extension activity
2	Chickpea	Lack of knowledge about pests and diseases identification and management False method and inadequate dose of weedicides and pesticides use High cost of cultivation No use of high yielding and resistence variety Poor socio-economic condition Lack of skill Deteriorate quality of chickpea grain	450 ha	Mehsana district	OFT, Training and extension activity
3	Greengram		1000 ha	Mehsana district	Training and extension activity
4	Castor	Don't use recommended agronomical practices No use of high yielding and resistence variety Injudicious use of fertilizers No use of bio-fertilizers and micronutrients as well as bio pesticides. Unawareness about plant protection measures High cost of cultivation Poor socio-economic condition Lack of skill, Improper sowing method	72000 ha	Mehsana district	FLD, Training and extension activity
5	Mustard		8000 ha	Mehsana district	OFT, FLD, Training and extension activity
6	Groundnut		7000 ha	Mehsana district	FLD, Training and extension activity
7	Sesamum		500 ha	Mehsana district	Training and extension activity
8	Wheat	Use old variety Unawareness about termite management False method of seed treatment Injudicious use of fertilizer Improper sowing method	25000 ha	Mehsana district	FLD, OFT, Extension activity, Training

9	Chilli	Low yield Unawareness about bio-pesticides Use local variety	600 ha	Mehsana district	FLD,Extension activity, Training
10	Fennel	Low yield use old variety No use of bio-pesticides Unawareness about pest	3500 ha	Mehsana district	FLD, Extension activity, Training
11	Cumin	High incidence of blight False method and inadequate dose of pesticides	150 ha	Mehsana district	FLD, Extension activity, Training
12	Cotton	Low yield Indiscriminate use of pesticides Unawareness about pest and disease management False sowing method High incidence of pink ball worm Use local variety	15000 ha	Mehsana district	FLD, Extension activity, Training
13	Watermelon	Low yield, low market price, high evaporation rate, deep ground water tabel, poor quality of water	70 ha	Mehsana district	FLD, Training, Extension activity
14	Fruits crops	Low yield Unawareness about pest and disease management Improper orchard management Heavy infestation of nematode Not follow postharvest management Lack of skill High cost of cultivation Deficiency of micro-nutrient Low market price High evaporation rate of soil moisture Deep ground water table Poor quality of water	15000 ha	Mehsana district	FLD, Training, Extension activity
15	Spice crops	Low yield Unawareness about pest and disease management Heavy infestation of nematode Not follow postharvest management Lack of skill High cost of cultivation Deficiency of micro-	7000 ha	Mehsana district	FLD, Training, extension activities

		nutrient Low market price Use local variety			
16	Millet crops	Low production Low market price No Awareness about nutria-rich crops No knowledge of high nutrient efficiency diet Poor adoption of value addition Unawareness about storage technology	11000 ha	Mehsana district	FLD, Training, Extension activity
17	Natural farming	Poor soil health Low production	20000 ha	Mehsana district	FLD, Training, Extension activity
18	Vegetable Crops	Low yield Unawareness about pest and disease management Heavy infestation of nematode Not follow postharvest management Lack of skill High cost of cultivation Deficiency of micro-nutrient Low market price	10000 ha	Mehsana district	FLD, OFT, Training, extension activities
19	Fodder crops	Low fodder production High cost of animal feed High cost of cultivation Use local variety	20000 ha	Mehsana district	FLD, OFT Training and extension activity
20	Livestock **(**Bypass protein**)**	Low milk production in lactating buffalo	1 lakh no**.**	Mehsana district	FLD,Training and extension activity
21	Livestock **(**Fenbendazole**)**	High incidence of ectoparasiticinfestation	1 lakh no**.**	Mehsana district	FLD, Training and extension activity
22	Livestock **(**Chelated Mineral Mixture**)**	Low milk production in lactacting buffalo	1 lakh no**.**	Mehsana district	FLD, Training and extension activity
23	Livestock **(**Probiotic**)**	Low milk production in lactacting buffalo	1 lakh no**.**	Mehsana district	FLD, Training and extension activity
24	Livestock	Low productivity of livestock Poor feed and fodder management Repeat breeding High cost of animal feed Unawareness about vaccination and	1 lakh no**.**	Mehsana district	Training, Extension activity

		deworming High incidence of ectoparasitic infestation			
25	Wheel hoe	Poor adoption of farm mechanization Labour scarcity	-	Mehsana district	FLD, Training and extension activity
26	Bhindi plucker	High drudgery More time require Heavy pain and itching in skin		Mehsana district	FLD, Training and extension activity
27	Secutter	High drudgery More time require	-	Mehsana district	FLD, Training and extension activity
28	Dibbler	High drudgery Poor germination	-	Mehsana district	FLD, Training and extension activity
29	Vadi maker	More time require Poor adoption of value addition		Mehsana district	FLD, Training and extension activity
30	Kitchen garden	Poor house hold food security	-	Mehsana district	FLD, Training and extension activity
31	Home Science	Low market price of crop produce Lack of skill Less self-life of fruits and vegetables Unawareness about balance diet Poor socio-economic condition Unawareness about Nutri rich crop	-	Mehsana district	Training, OFT, FLD, Extension activity
32	Farm Mechanization	Poor adoption of farm mechanization Labour scarcity Poor Socio-economic condition Low land holding capacity Poor adoption of MIS	-	Mehsana district	Training,FLD, Method demonstration, Extension activity
33	Ajwain	Low yield Unawareness about new variety Use local variety Unawareness about pest and disease management Improper sowing method	1500 ha	Mehsana district	OFT, Training and extension activity
34	Tomato	Low yield of tomato High infestation of nematode Unawareness about method of irrigation Unawareness about pest and disease management	2000 ha	Mehsana district	OFT, Training and extension activity

35	Anola candy	Unawareness about value addition Poor quality of candy		Mehsana district	FLD, Training and extension activity

* Support with problem-cause and interventions diagram

3.2. Technologies to be assessed

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Spices	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	1		1				1			3
Seed / Plant production										
Weed Management										
Integrated Crop Management										
Integrated Nutrient Management										
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Value addition	2									2
Integrated Pest Management										
Integrated Disease Management					1					1
Resource conservation technology										
Small Scale income generating enterprises										
Post-harvest technology			1							1
TOTAL	**3**		**2**		**1**		**1**			**7**

A.2. Abstract on the number of technologies to be assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Wormi culture	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management	1							1
Disease Management								
Value Addition								
Production and Management								
Feed and Fodder	1							1
Small Scale income generating enterprises								
TOTAL	**2**							**2**

B. Details of On Farm Trial / Technology Assessment during 2025

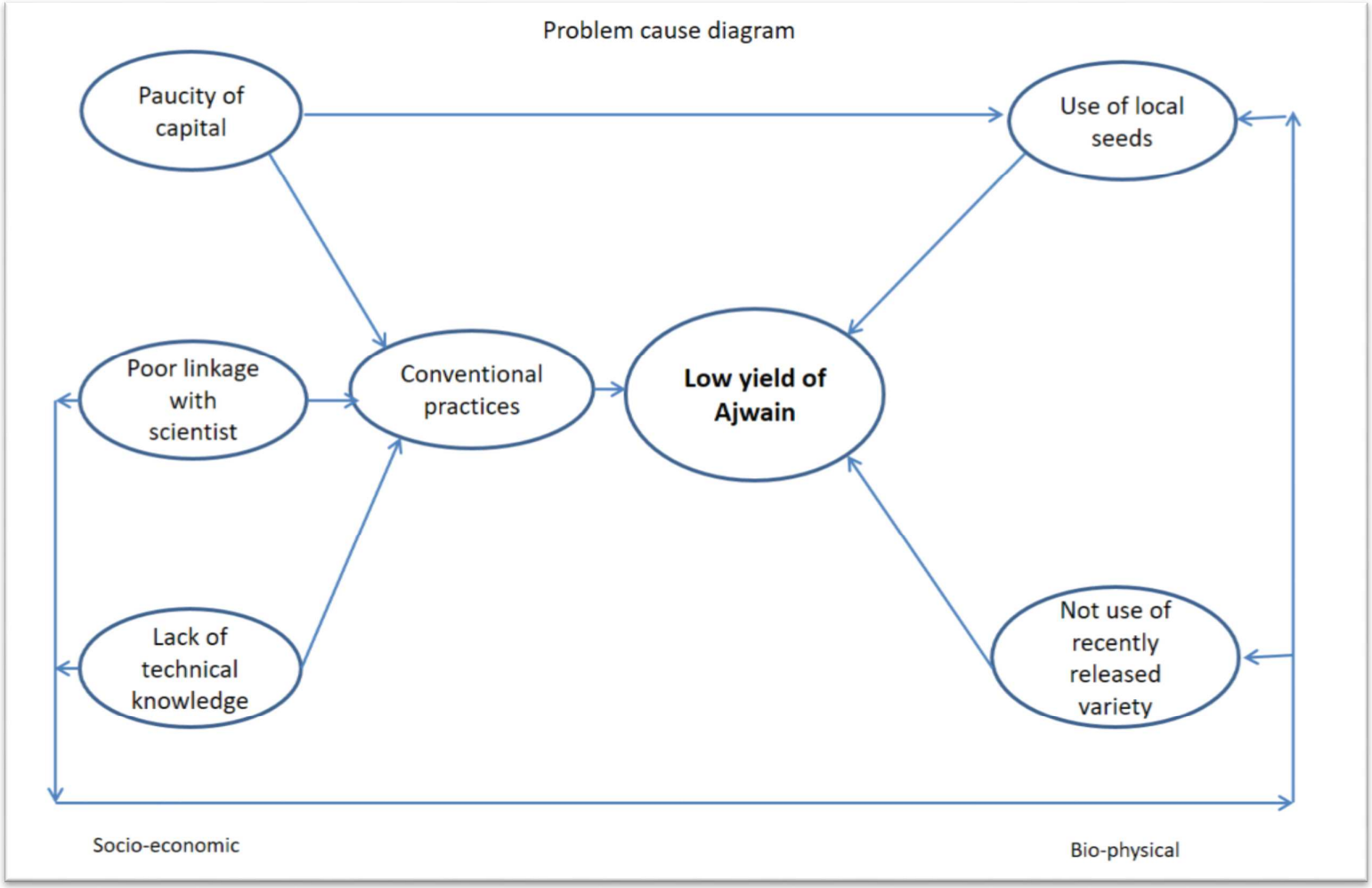
S. No	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology	Name of critical input	Qty per trial	Cost per trial	No. of trial	Total cost for the intervention (Rs.)	Parameters to be studied	Team members
1	Ajwain	Low yield of ajwain	Assessment of ajwain new release GA 3 variety	Farmer practice	Local cultivar	Local cultivar	_	_	10	4000	Yield, BCR	Ms.R.G Barad
				Recommendation GA 2 (2015)	Seed Spices Research Station, Jagudan, SDAU, S.K. Nagar	Seed GA 2	0.25 kg	200				
				Recommendation GA 3 (2024)	Seed Spices Research Station, Jagudan, SDAU, S.K. Nagar	Seed GA 3	0.25 kg	200				
2	Blackgram	Low yield of Blackgram	Assessment of blackgram new release GU 4 variety	Farmer practices	Local cultivar	-	_	_	10	10000	Yield, Test, weight BCR	Mr. B. K. Patel
				Recommendation-GU2 (2018)	JAU, Junagadh	Seed GU 2 variety	2 kg	500				
				Recommendation-GU 4 (2021)	AAU, Anand	Seed GU 4 variety	2 kg	500				
3	Tomato	Low yield of tomato	Assessment of the Use of Agniastra for the Control of Nematodes	Farmer practice :	Not use any practices	-			10	23600	Yield, BCR	Ms.R.G Barad
				Recommendation – Use of Fluopyrum 34.48 % SC 1250 ml per ha after second day of transplanting (Year : 2023)	AAU, Anand (2023)	Fluopyrum 34.48 % SC	125 ml	1250				

				Recommendation – Use of Agniastra 800 ml / 10 liter water as dipping of tomato seedling for 6 hrs+drenching of Agniastra solution 500 ml / plants (800 ml / 10 liter water) at 15,30,45 days after transplanting (2024)	AAU, Anand (2024)	Agniastra 800ml/10 liter	1245 liter	249 00				
4	Wheat	Low yield of wheat	Assessment of wheat new release GW 513 variety	Farmer practice 6	Local cultivar-GW-496 (1989)	GW 496	_	_	10	9000	Yield, BCR	Mr. B. K. Patel
				Recommendation - GW 451 (2018)	Wheat Research Station, Vijapur, SDAU, S.K. Nagar	Seed GW 451 variety	12.5 kg	450				
				Recommendation- GW 513 (2024)	Wheat Research Station, Vijapur, SDAU, S.K. Nagar	Seed GW 513 variety	12.5 kg	450				
5	Fodder Sorghum	Low yield of fodder sorghum	Assessment of fodder sorghum new release banas chari variety	Local cultivar	Farmer practice	Local cultivar	_	_	10	14000	Fodder yield, BCR	Dr. S.MSoni
				Recommendation- Banas Chari (2021-22)	SDAU, S.K. Nagar	Seed Banas chari variety	6 kg	700				
6	Livestock	Low milk production in summer	Assessment of supplement	Farmer practice	No use of any supplement	-	-	-	10	6000	Milk yield, Fat% and BCR	Dr SM Soni

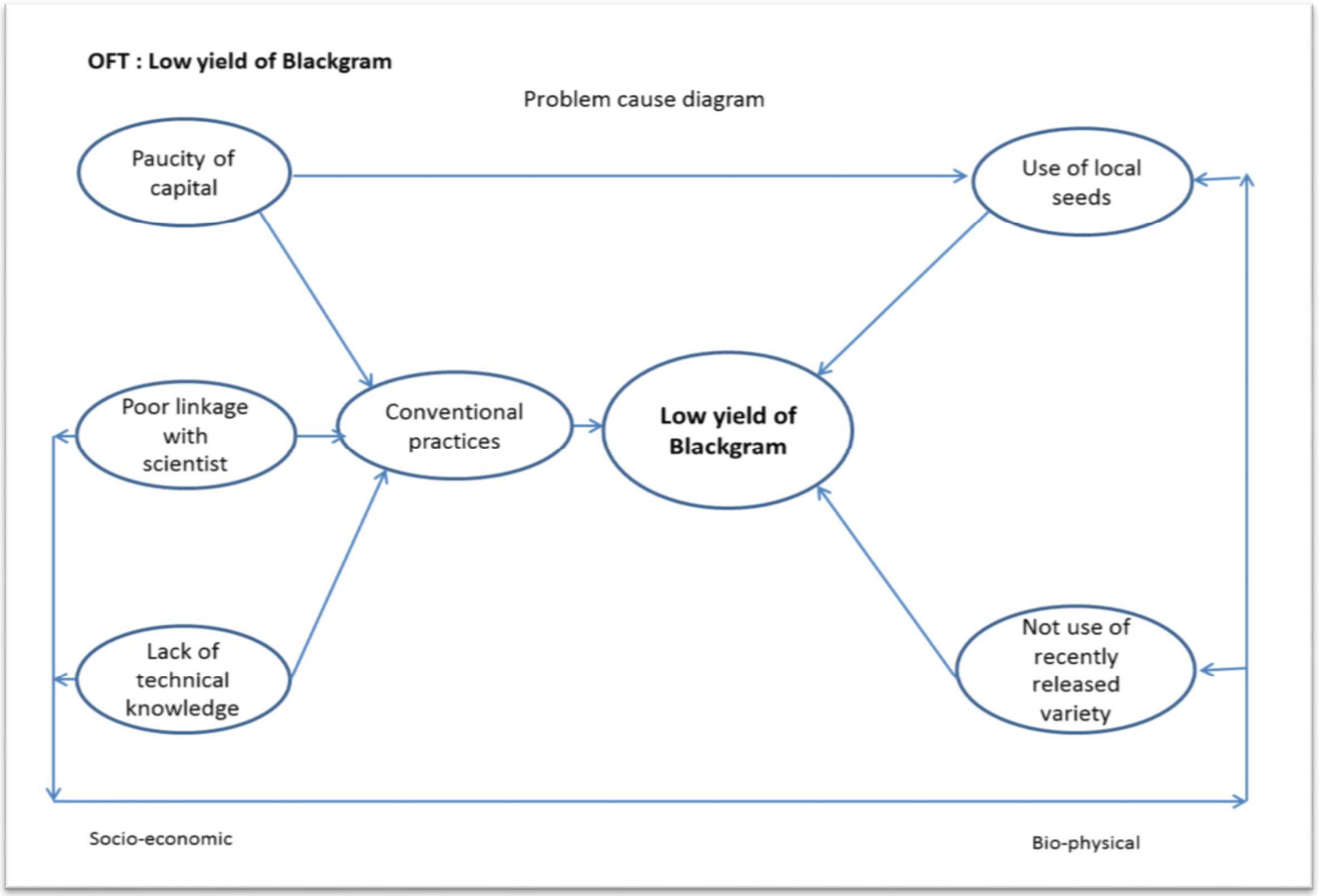
		season in HF Cow	(Pashu Sheetvardhak) effect for relieving summer stress in dairy animals	Recommendation: Stress relieving supplement (Pashu Sheetvardhak) 350 gram per day per animal for 30 days	National Dairy Development Board (NDDB) (2019)	Pashu Sheetvardhak (Contains:Maize, Betain Hydrochloride, Sodium bicarbonate, Potassium Chloride, Magnesium Oxide)	350 gm /animal for 30 days	600				
7	Chickpea	Deteriorate quality of chickpea grains during storage for seed purpose	Assessment of packaging bags for storage of chickpea seeds	Farmer practices	Local practices	Jute bag	-	-	10	12500	Grains seed damage, weight loss	Mr. R.A. Kachhadia
				Recommendation – Polythene bag along with HDPE bag + 10 gms Alluminium Phosphide (56%)	WRS, SDAU, S.K. Nagar	PP Woven (HDPE)laminated bags, 10 gms Alluminium Phosphide (56%)	5 bags	250				
				Recommendation – PICS bags (2021)	Dept. of RE& RE JAU, Junagadh	PICS bags	5 bags	1000				
8	Home Science	Bajra flour bitter and rancid during storage	Assessment of self life of Bajara flour	Farmer practice	Direct milling of bajara grains	-			10	1600	Self-life (days)	Ms B R Choudhury
				Recommendation : Dry heat treatment before milling (Oven for 2 hours)	CCS Hariyana Agriculture University, Hisar	Bajara grains	2 kg	80				
				Recommendation : Blanching of bajara before milling	MPKV Rahuri	Bajara grains	2 kg	80				

9	Home Science	Low Hb in adolescent girls	Assessment on millet puff to overcome anemia in adolescent girls	Farmer practice	Normal diet				10	31500	Weight, Hemoglobin, BMI	Ms B R Choudhury
				Recommendation : Normal diet + sorghum puff (2016)	IIMR, Hyderabad	Sorghum puff	9 kg	1350				
				Recommendation : Normal diet + Bajara puff (2019)	VNMKV, Parbhani	Bajara puff	9 kg	1800				

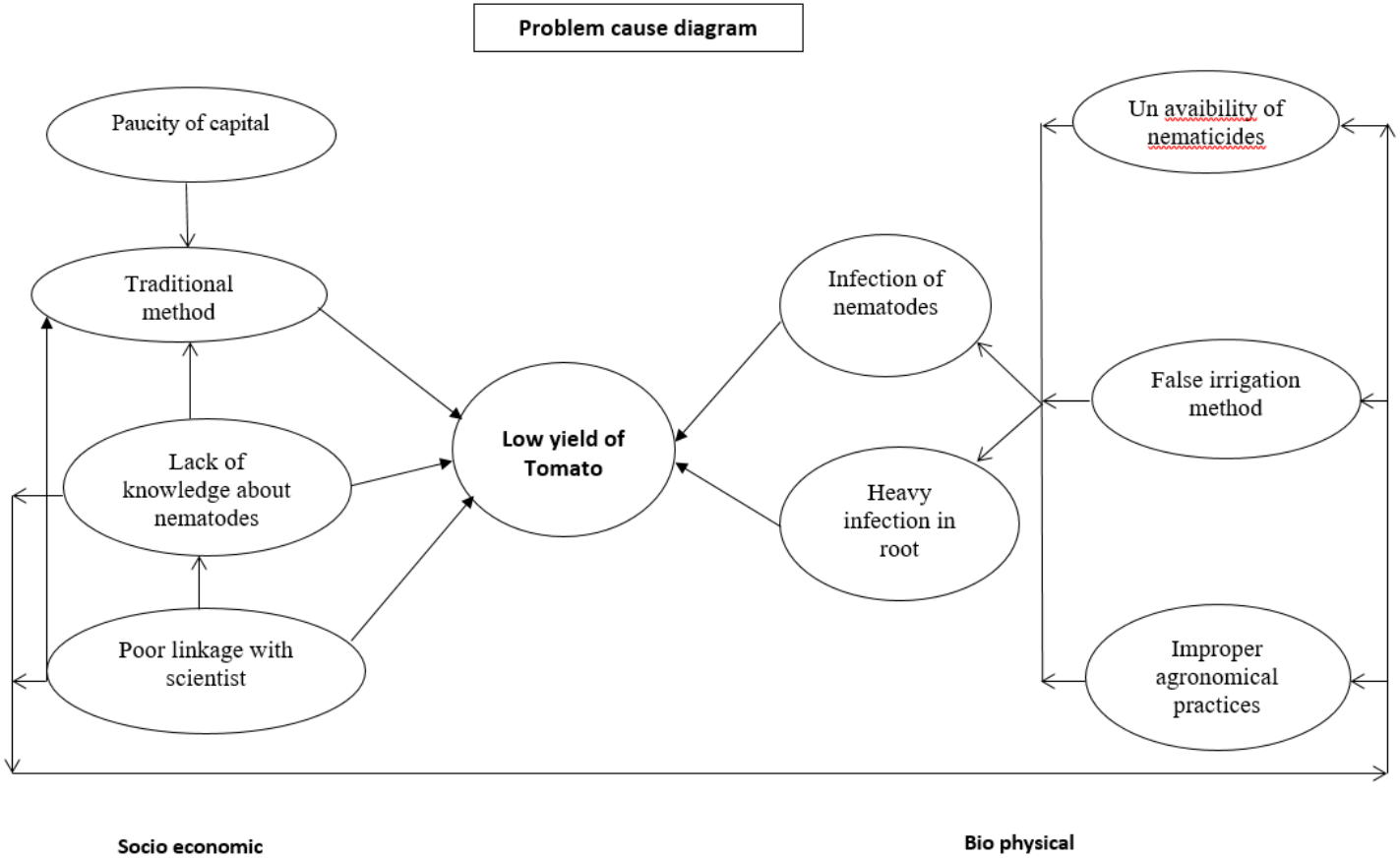
OFT *:* 1 Assessment of ajwain new release GA 3 variety



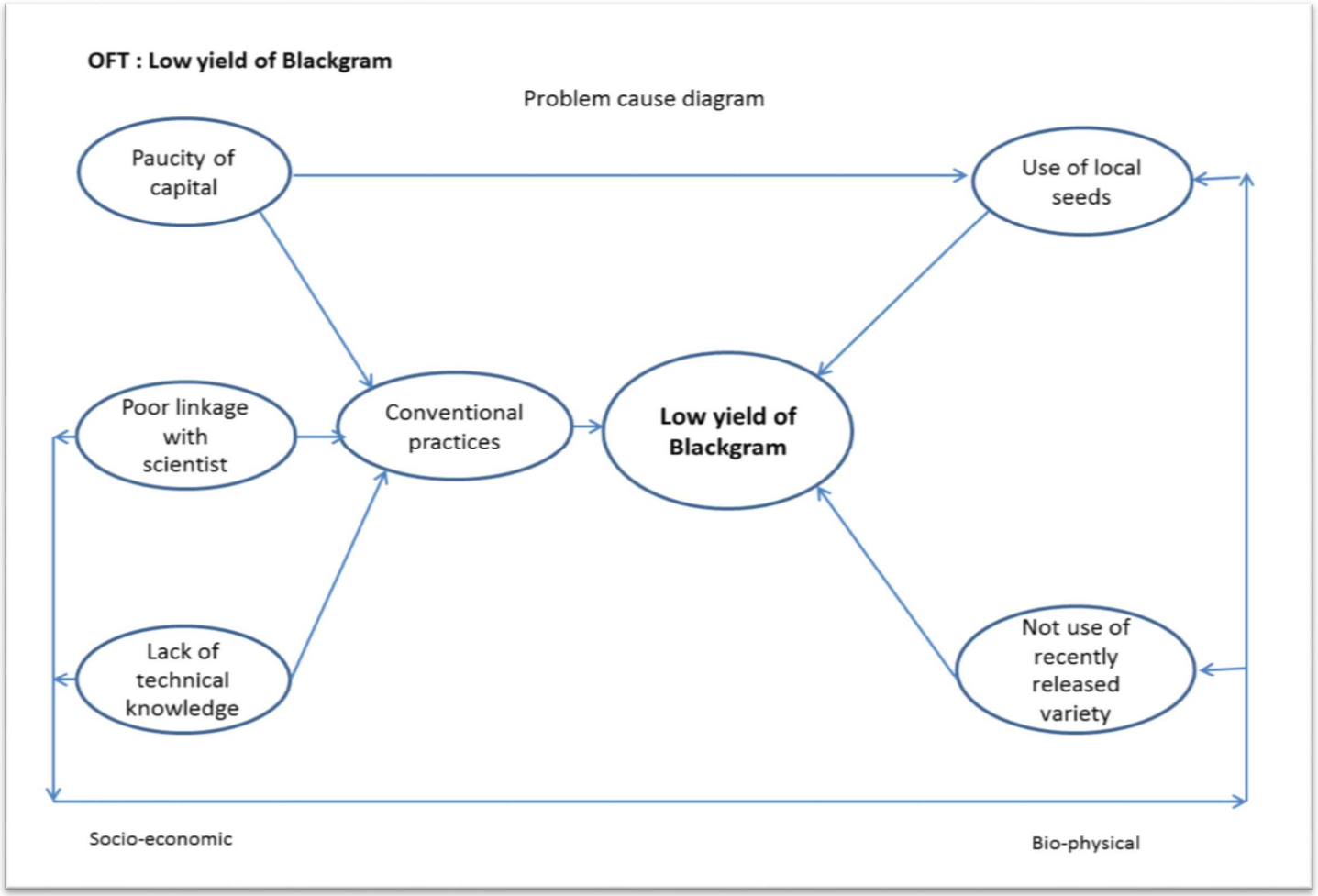
OFT -2 *:* Assessment of blackgram new release GU 4 variety



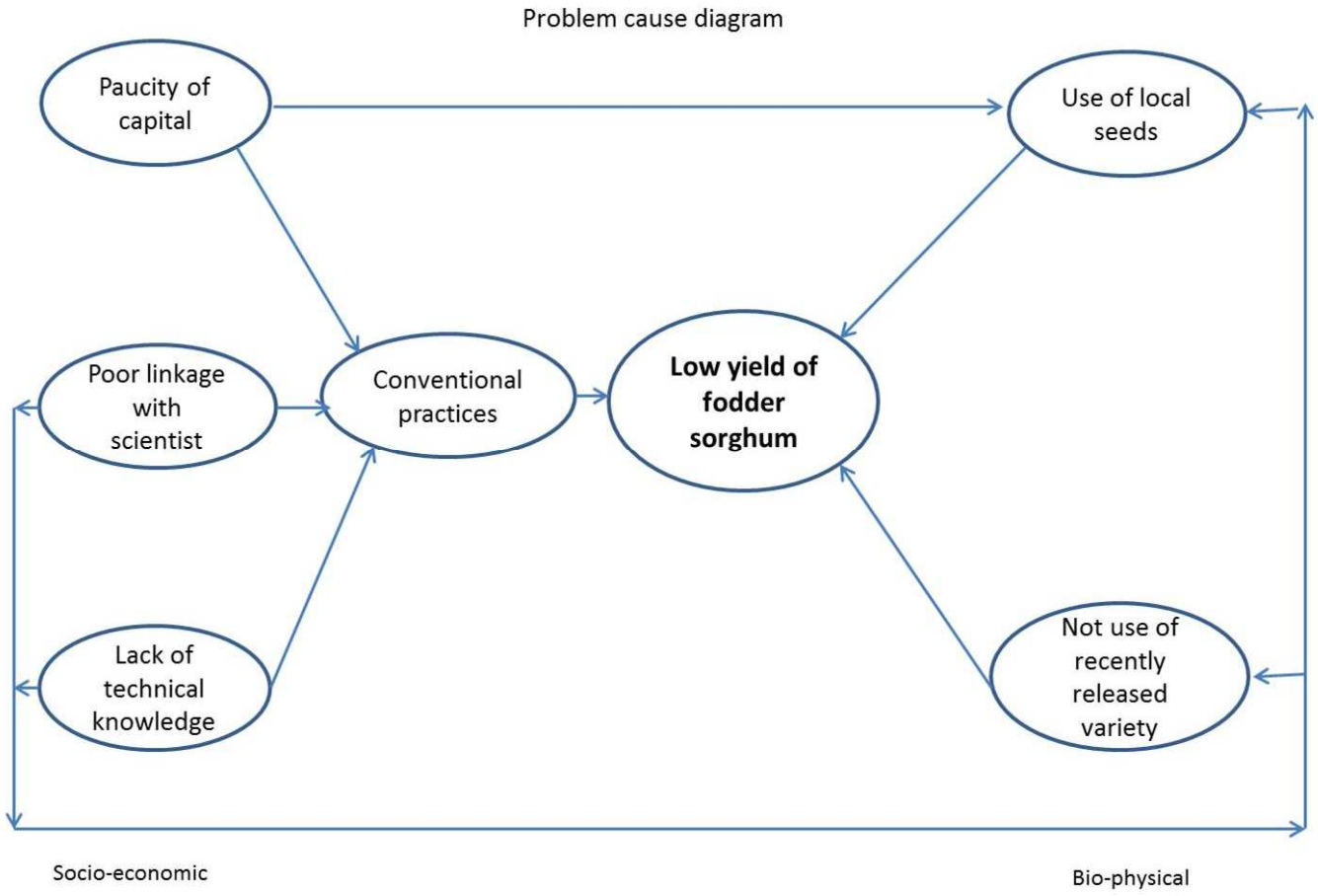
OFT 3 : Assessment of the use of agniastra for the control of nematodes in tomato



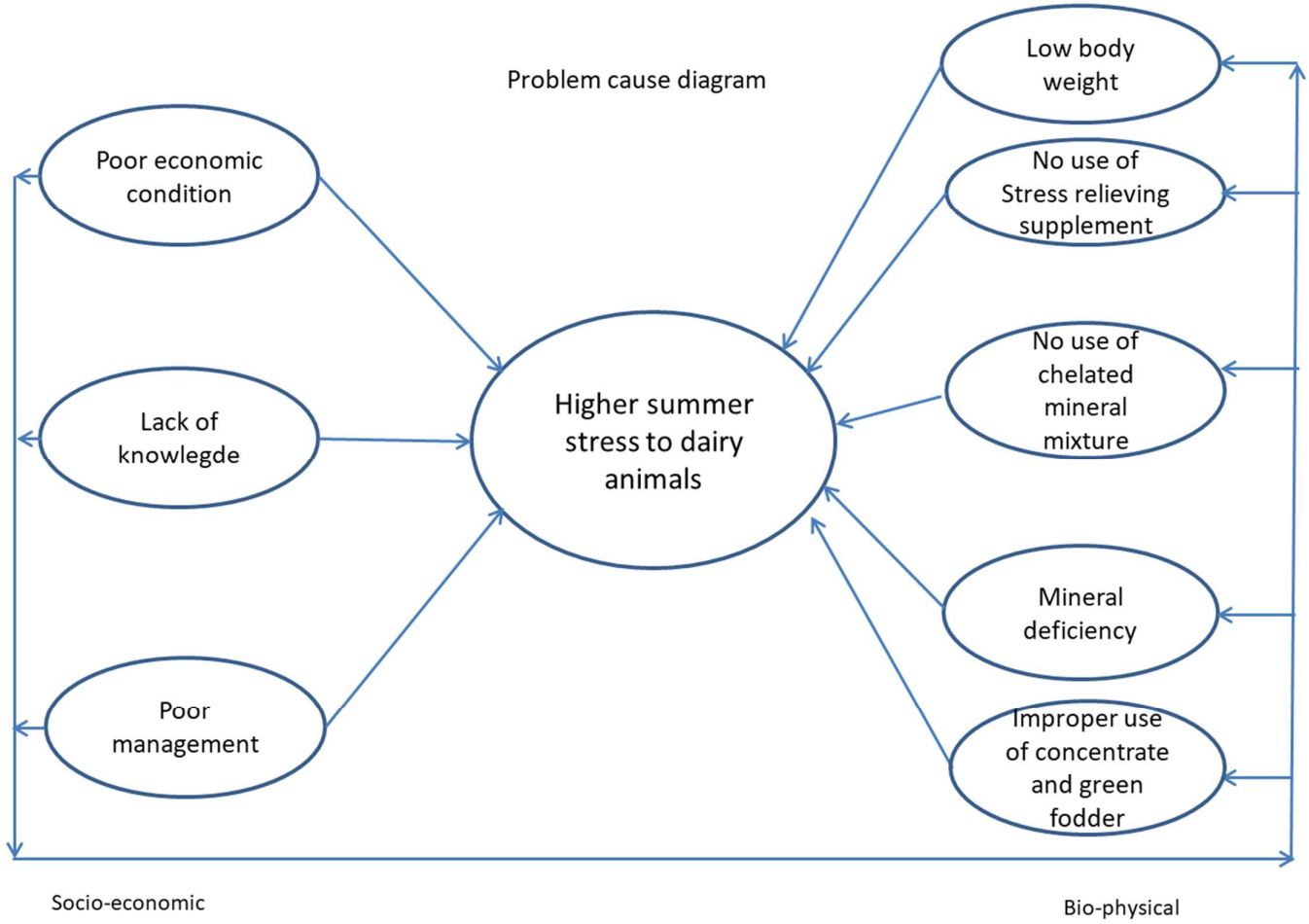
OFT - 4 *:* Assessment of wheat new release variety GW 513



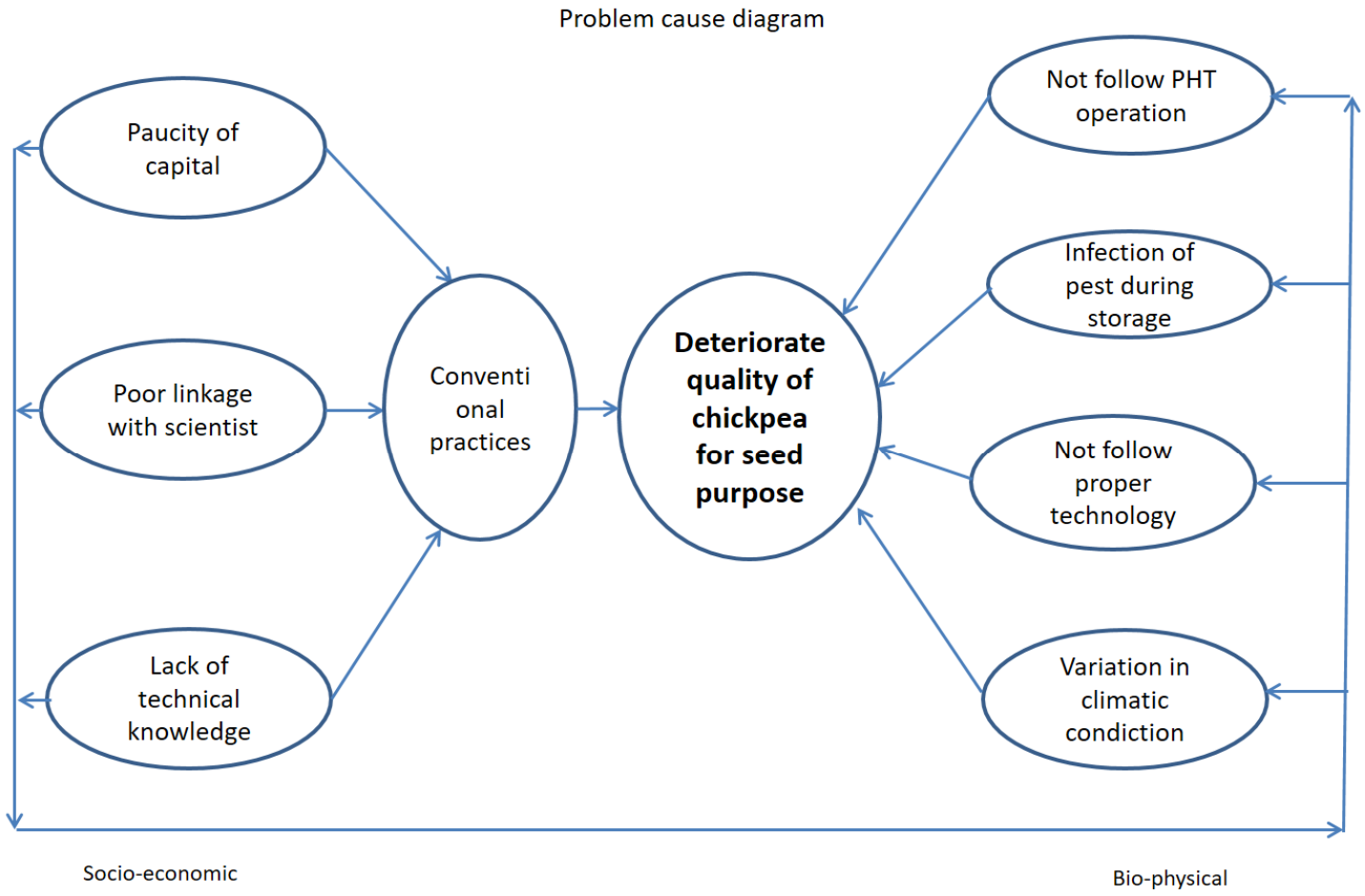
OFT 5 - Assessment of fodder sorghum new release variety banas chari



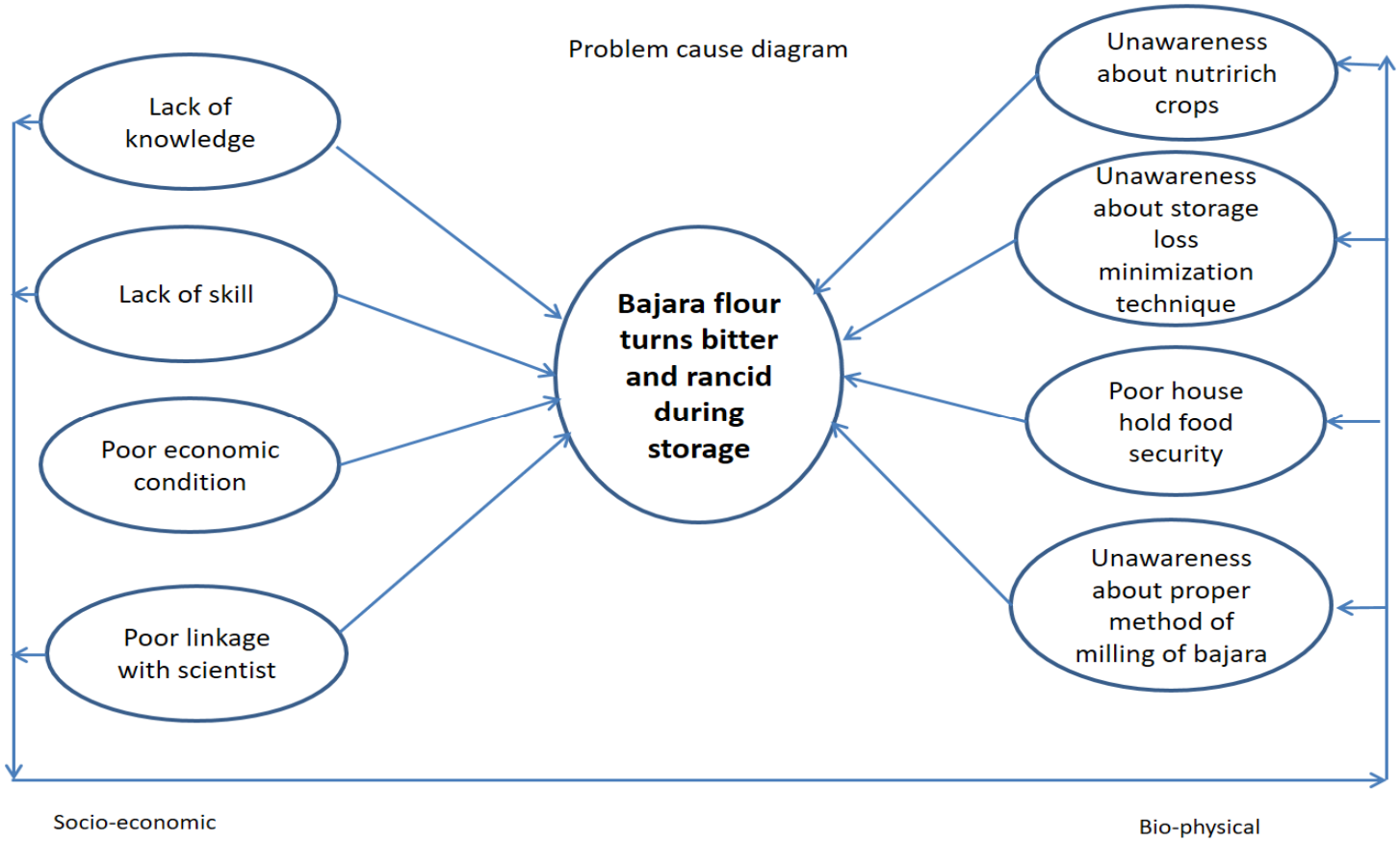
OFT 6 : Assessment of the effect of supplement for relieving summer stress in dairy animals



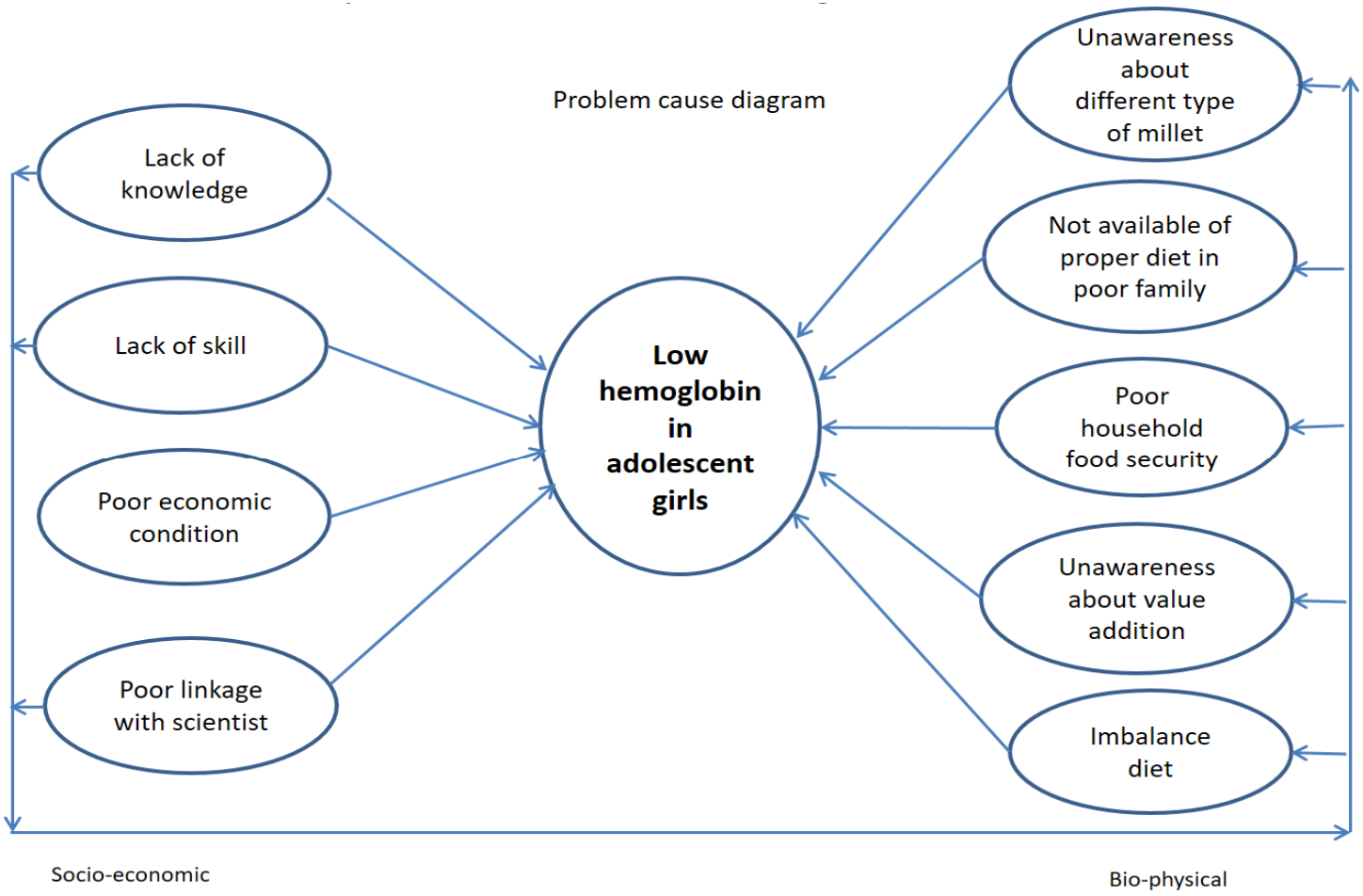
OFT 7 Assessment of packaging bags for storage of chickpea seeds.



OFT 8 : Assessment of self-life of Bajara flour



OFT 9 : Assessment on millet puff to overcome anemia in adolescent girls



3.3 Frontline Demonstrations

A. Details of FLDs to be organized -

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs with cost(Rs)		Season and year	Area (ha)	No. of farmers/ demon.	Parameters identified
	CFLD – OILSEED									
1	Castor	GCH 8 (2018)	ICM	ICM	Seed of GCH-8, Sulphur, PSB culture, Azotobactor culture, Quinalphos, Beauveria bassiana, Neem Oil, Trichoderma,	50,000	Kharif-2025	10	25	Yield, BCR
2	Mustard	GM 6 (2020)	ICM	ICM	Seed of GDM-6, Sulphur, PSB culture, Azotobactor culture, Pendimethalin, Beauveria bassiana, Neem Oil, Yellow Sticky Trap	60,000	Rabi-2025	10	25	Yield, BCR
	Other FLD									
3	Wheat	GW 499 (2019)	ICM	Varietal evaluation	GW-499	32,000	Rabi-2025	10	25	Yield, BCR
4	Ajwain	GA 2 (2015)	Production and management technology	Production and management technology	Seed GA- 2	6,000	Rabi – 2025	10	25	Yield
5	Fennel	-	IPM	IPM	Neem oil, Beauveria bassiana	15,000	Kharif-2025	10	25	Pest incidence, Yield, BCR
6	Chilli	-	INM	INM	Arka vegetable special micronutrient formulation	55,000	Kharif-2025	10	25	Yield, BCR
7	Onion	-	INM	INM	Novel (banana psedostem based) organic liquid nutrient	5,000	Rabi-2025	10	25	Yield, BCR
8	Potato	-	IDM	Seed treatment	Mancozeb + Shankhjeeru	10,000	Rabi-2025	10	25	Germination, Disease index
					Total	**233000**		**80**	**200**	

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	20	-	600
2	Farmers Training	20	-	500
3	Media coverage			
4	Training for extension functionaries			

C. Details of FLD on Enterprises

a. Farm Implements

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators
Secutter	Castor	Rabi-2025	30	-	Secutter, Cost : 4200/-	Labour saving
Wheelhoe	Cumin	Rabi-2025	10	-	Wheelhoe Cost : 30,000/-	Labour saving
Dibbler	Cotton	Kharif -2025	15	-	Dibbler Cost : 4500/-	Labour Saving, Germination (%)
Dibbler	Castor	Kharif -2025	15	-	Dibbler Cost : 4500/-	Labour Saving, Germination (%)
Silver black plastic mulch	Watermelon	Summer-2025	10	-	Silver black plastic mulch Cost : 20,000/-	Yield, BCR
Total			**80**	-	**63,200/-**	-

b. Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Critical inputs	Performance parameters / indicators
Fenbendazole	Mehsani buffalo	30	30	Fenbendazole, Cost : 3,500/-	Milk production , BCR
Chelated Mineral Mixture	Kankrej cow	30	30	Chelated Mineral Mixture Cost : 7,500/-	Milk production , BCR
Probiotic	Mehsani buffalo	30	30	Probiotic Cost : 9,000/-	Milk production , BCR
Bypass protein	Kankrej cow	30	30	Bypass protein Cost : 17,000/-	Milk production , BCR
Total		**120**	**120**	**37,000/-**	

c. FLD on Other enterprises

Enterprise	Name of the technology demonstrated	No. of Farmer	No.of units	Critical inputs	Performance parameters / Indicators
Kitchen garden	Seeds and seedlings	100	100	Seeds and seedlings Cost : 12000/-	Yield, Saving (Rs/year)
Aonla Candy	Method of Aonla Candy	20	20	Aonla, Sugar, Citric acid Cost : 3000/-	Quality of candy (Taste, colour, durability)
Bajara biscuit	Value addition	20	20	Bajara flour, wheat flour, milk, baking powder, vanilla essence, sugar, butter, Cost : 7000/-	Quality of Biscuit (Taste, durability)
Bhindi plucker	Bhindi plucker	20	20	Bhindi plucker Cost : 1000	Average of output (kg / hour)
Vadi maker	Vadi maker	10	10	Vadi maker Cost : 10,000	Time saving
Total		**170**	**170**	**33,000/-**	

3.4. Training (Including the sponsored and FLD training programmes):

A. ON Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		M	F	T	M	F	T	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	1	17	0	17	3	0	3	20
Resource Conservation Technologies	1	17	0	17	3	0	3	20
Cropping Systems								
Crop Diversification								
Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management	5	85	0	85	15	0	15	100
Fodder production								
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	2	34	0	34	6	0	6	40
Off-season vegetables								
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								
Cultivation of Fruit								
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	1	17	0	17	3	0	3	20
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	1	17	0	17	3	0	3	20
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	1	0	18	18	0	2	2	20
Feed and fodder technology	2	0	44	44	0	6	6	50
Production of quality animal products								
Animal Nutrition Management	3	0	54	54	0	6	6	60
V. Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet	1	0	15	15	0	5	5	20
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								

Value addition	2	0	30	30	0	10	10	40
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care	2	0	30	30	0	10	10	40
VI. Agril. Engineering								
Installation and maintenance of micro irrigation systems	1	18	0	18	2	0	2	20
Use of Plastics in farming practices								
Production of small tools and implements	1	18	0	18	2	0	2	20
Repair and maintenance of farm machinery and implements	1	18	0	18	2	0	2	20
Small scale processing and value addition								
Post Harvest Technology	1	22	0	22	3	0	3	25
Resource Conservation Technologies								
VII. Plant Protection								
Integrated Pest Management	1	17	0	17	3	0	3	20
Integrated Disease Management								
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								
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	1	18	0	18	2	0	2	20
Formation and Management of SHGs	1	18	0	18	2	0	2	20
Mobilization of social capital	1	36	0	36	4	0	4	40
Entrepreneurial development of farmers/youths	1	18	0	18	2	0	2	20
WTO and IPR issues	1	18	0	18	2	0	2	20
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
XII Others (Pl. Specify)								
TOTAL	**33**	**388**	**191**	**579**	**57**	**39**	**96**	**675**
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping								
Integrated farming								
Seed production								
Production of organic inputs	1	17	0	17	3	0	3	20
Integrated Farming (Medicinal)								
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	1	17	0	17	3	0	3	20
Training and pruning of orchards								
Value addition	2	0	30	30	0	10	10	40
Production of quality animal products								
Dairying	1	18	0	18	2	0	2	20
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	**5**	**52**	**30**	**82**	**8**	**10**	**18**	**100**
(C) 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	1	18	0	18	2	0	2	20
Livestock feed and fodder production	1	18	0	18	2	0	2	20
Household food security								
Women and Child care								
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other - Intergrated Crop Management								
Total	**2**	**36**	**0**	**36**	**4**	**0**	**4**	**40**
G. TOTAL	**40**	**476**	**221**	**697**	**69**	**49**	**118**	**815**

B. OFF Campus

Thematic Area	No. of Courses	No. of Participants		
		Others	SC/ST	Grand

		M	F	T	M	F	T	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	2	44	0	44	6	0	6	50
Fodder production								
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	2	44	0	44	6	0	6	50
Off-season vegetables	1	22	0	22	3	0	3	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	2	44	0	44	6	0	6	50
Layout and Management of Orchards	2	44	0	44	6	0	6	50
Cultivation of Fruit	1	22	0	22	3	0	3	25
Management of young plants/orchards	1	22	0	22	3	0	3	25
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	1	22	0	22	3	0	3	25
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	1	22	0	22	3	0	3	25
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	1	22	0	22	3	0	3	25
Soil and Water Conservation	1	22	0	22	3	0	3	25
Integrated Nutrient Management	1	22	0	22	3	0	3	25
Production and use of organic inputs	1	22	0	22	3	0	3	25
Management of Problematic soils	1	22	0	22	3	0	3	25
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing	1	22	0	22	3	0	3	25
IV Livestock Production and Management								
Dairy Management	1	0	22	22	0	3	3	25
Poultry Management								
Piggery Management								
Rabbit Management /goat								
Disease Management	3	0	66	66	0	9	9	75
Feed and fodder technology	2	0	44	44	0	6	6	50
Production of quality animal products								
Animal Nutrition Management								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	2	0	44	44	0	6	6	50
Design and development of low/minimum cost diet	1	0	22	22	0	3	3	25
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing	1	0	22	22	0	3	3	25
Gender mainstreaming through SHGs								
Storage loss minimization techniques	1	0	22	22	0	3	3	25

Value addition	1	0	22	22	0	3	3	25
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care	2	0	44	44	0	6	6	50
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	4	88	0	88	12	0	12	100
Use of Plastics in farming practices	1	22	0	22	3	0	3	25
Production of small tools and implements	1	22	0	22	3	0	3	25
Repair and maintenance of farm machinery and implements	1	22	0	22	3	0	3	25
Small scale processing and value addition								
Post Harvest Technology	1	22	0	22	3	0	3	25
Resource Conservation Technologies	2	44	0	44	6	0	6	50
VII Plant Protection								
Integrated Pest Management	1	22	0	22	3	0	3	25
Integrated Disease Management	1	22	0	22	3	0	3	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								
Planting material production (Horti.)								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								

Vermi-compost production (Horti.)								
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	4	66	22	88	9	3	12	100
Group dynamics	2	44	0	44	6	0	6	50
Formation and Management of SHGs(HS)	1	22	0	22	3	0	3	25
Mobilization of social capital								
Entrepreneurial development of farmers/youths (Agro.)								
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems (Agro)								
XII Others (Pl. Specify)								
TOTAL	**52**	**814**	**330**	**1144**	**111**	**45**	**156**	**1300**

C. Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		M	F	T	M	F	T	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	1	17	0	17	3	0	3	20
Resource Conservation Technologies	1	17	0	17	3	0	3	20
Cropping Systems								
Crop Diversification								
Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management	7	129	0	129	21	0	21	150
Fodder production								

Production of organic inputs	1	22	0	22	3	0	3	25
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	4	78	0	78	12	0	12	90
Off-season vegetables	1	22	0	22	3	0	3	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	2	44	0	44	6	0	6	50
Layout and Management of Orchards	2	44	0	44	6	0	6	50
Cultivation of Fruit	1	22	0	22	3	0	3	25
Management of young plants/orchards	1	22	0	22	3	0	3	25
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	1	22	0	22	3	0	3	25
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	1	17	0	17	3	0	3	20
Processing and value addition	1	22	0	22	3	0	3	25
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	1	22	0	22	3	0	3	25
Soil and Water Conservation	1	22	0	22	3	0	3	25
Integrated Nutrient Management	2	39	0	39	6	0	6	45
Production and use of organic inputs								
Management of Problematic soils	1	22	0	22	3	0	3	25
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing	1	22	0	22	3	0	3	25
IV Livestock Production and Management								
Dairy Management	1	0	22	22	0	3	3	25
Poultry Management								
Piggery Management								
Rabbit Management/goat								
Disease Management	4	0	84	84	0	11	11	95
Feed and fodder technology	4	0	88	88	0	12	12	100
Production of quality animal products								
Animal Nutrition Management	3	0	54	54	0	6	6	60
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	2	0	44	44	0	6	6	50
Design and development of low/minimum cost diet	1	0	22	22	0	3	3	25
Designing and development for high nutrient efficiency diet	1	0	15	15	0	5	5	20
Minimization of nutrient loss in processing	1	0	22	22	0	3	3	25
Gender mainstreaming through SHGs								
Storage loss minimization techniques	1	0	22	22	0	3	3	25
Value addition	3	0	52	52	0	13	13	65
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								

Women and child care	3	0	59	59	0	11	11	70
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	5	106	0	106	14	0	14	120
Use of Plastics in farming practices	1	22	0	22	3	0	3	25
Production of small tools and implements	2	40	0	40	5	0	5	45
Repair and maintenance of farm machinery and implements	2	40	0	40	5	0	5	45
Small scale processing and value addition								
Post-Harvest Technology	1	22	0	22	3	0	3	25
Resource Conservation Technologies	2	44	0	44	6	0	6	50
VII Plant Protection								
Integrated Pest Management	2	39	0	39	6	0	6	45
Integrated Disease Management	1	22	0	22	3	0	3	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								
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	4	66	22	88	9	3	12	100
Group dynamics	3	62	0	62	8	0	8	70
Formation and Management of SHGs	2	40	0	40	5	0	5	45
Mobilization of social capital	2	36	0	36	4	0	4	40
Entrepreneurial development of farmers/youths	1	18	0	18	2	0	2	20
WTO and IPR issues	1	18	0	18	2	0	2	20
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
Sponsored training								
TOTAL	**83**	**1180**	**506**	**1686**	**165**	**79**	**244**	**1930**
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping								
Integrated farming								
Seed production								
Production of organic inputs	1	17	0	17	3	0	3	20
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	1	17	0	17	3	0	3	20
Training and pruning of orchards								

Value addition	2	0	30	30	0	10	10	40
Production of quality animal products								
Dairying	1	18	0	18	2	0	2	20
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	1	22	0	22	3	0	3	25
Tailoring and Stitching								
Rural Crafts								
TOTAL	**6**	**74**	**30**	**104**	**11**	**10**	**21**	**125**
(C) 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	1	18	0	18	2	0	2	20
Livestock feed and fodder production	1	18	0	18	2	0	2	20
Household food security								
Women and Child care	1	0	15	15	0	5	5	20
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (Integrated Crop Management)								
Total	**3**	**36**	**15**	**51**	**4**	**5**	**9**	**60**
G. TOTAL	**92**	**1290**	**551**	**1841**	**180**	**94**	**274**	**2115**

Details of training programmes attached in Annexure -I

3.5. Extension Programmes (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		M	F	T	M	F	T	M	F	T
Field Day	20	450	150	600	10	10	20	460	160	620
Kisan Mela				0			0	0	0	0
Kisan Ghosthi	3	200	100	300	0	0	0	200	100	300
Exhibition	1	100	100	200	0	0	0	100	100	200
Film Show	5	100	50	150	0	0	0	100	50	150
Farmers Seminar / Workshop	2	180	180	360	20	20	40	200	200	400
Group meetings	1	15	10	25	0	0	0	15	10	25
Lectures delivered as resource persons	30	300	300	600	10	10	20	310	310	620
Newspaper coverage	5									
SMS sent to farmers	8									
Popular articles	2									
Extension Literature	5									
Advisory Services										
Scientific visit to farmers field/ Diagnostic visits	10	20	10	30	5	5	10	25	15	40
Farmers visit to KVK	20	400	250	650	10	10	20	410	260	670
Ex-trainees Sammelan	2	40	20	60	0	0	0	40	20	60
Soil health Camp	1	25	25	50	0	0	0	25	25	50
FPO Meeting	2	50	50	100	0	0	0	50	50	100
MahilaMandals Conveners meetings	1	0	25	25	0	0	0	0	25	25
Celebration of important days (specify)	4	100	50	150	0	0	0	100	50	150
FLD / OFT Field Visit	12	30	20	50	0	0	0	30	20	50
Total	134	2010	1340	3350	55	55	110	2065	1395	3460

3.6. Target for Production and supply of Technological products

SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
Cereals	Wheat	GW-451	10
	Wheat	GW-496	8
	Wheat	GW-499	6
	Wheat	GW-513	10
Oilseeds	Mustard	GDM-6	3
	Mustard	GDM-4	2
Pulses			
	Blackgram	GU-4	1
	Green gram	GM-6	1
		Total	**41**

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
Spices			
	Fennel	GF-12	10,000
	Chilli, Tamato, Brinjal	-	2,000
Vegetables			
	Drumstick	PKM-1	500
Forest species			
		Total	**12,500**

Bio-products

Sl. No.	Product Name	Species	Quantity	
			Kg	Ltr
Bio pesticides/bio product				
1	Vermi compost	Jay gopal **(***Perionyxcelensis***)**	2000	
2	Jivamrut			1000
3	Earthworm	*Perionyx celensis*	100	
Others				
1	Moringa Leaves Powder		5	
2	Azolla	*Azolla pinata*	25	

LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
Cattle	-	-	-	-
Goat				
Sheep				
Poultry				
Pig farming				
Fisheries				

4.Literature to be Developed/Published

A. KVK News Letter

Date of start : 01/01/2010

Number of copies to be published : 500 (Vol.20, Jan-Dec 2024)

B. Literature developed/published

S.No.	Topic	Number
1	Research paper each scientist	1
2	Technical reports	1
3	News letters	1
4	Training manual all discipline	1
5	Popular article	2
6	Extension literature	5
	Total	**11**

C. Details of Electronic Media to be produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette) and video clippings	Title of the programme	Number
1	-	-	-

D.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

5.1. Indicate the specific training need analysis tools/methodology followed for

A. Practicing Farmers

a) PRA
b) Problem identified from Matrix
c) Field level observations
d) Farmer group discussions

B. Rural Youth

a) PRA
b) Problem identified from Matrix
c**)** Field level observations
d) Farmer group discussions

C. In-service personnel

a) Written test
b) Demanded from agriculture department

5.2Indicate the methodology for identifying OFTs/FLDs

For OFT:

PRA
Problem identified from Matrix and gap analysis
Field level observations
Farmer group discussions
Others if any

For FLD:

New variety/technology
Poor yield at farmers level
Existing cropping system
Others if any

5.3. Field activities

i. Name of villages identified/adopted with block name (2025) :
Bariyaf (Becharaji)
ii. No. of farm families selected per village : 25
iii. No. of survey/PRA conducted : 1
iv. No. of technologies taken to the adopted villages : 25-30
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

6. LINKAGES

6.1. Functional linkage with different organizations

Sr.No	Name of Organization	Nature of Linkage
1		
2	Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar	Technical backstopping
3	Anand Agricultural University , Anand	Technical support
4	Junagadh Agricultural University, Junagadh	Technical backstopping
5	Navsari Agricultural University, Navsari	Technical backstopping
6	Department of Agriculture, Mehsana	Joint implementation
7	Dept. of Horticulture, Mehsana	Joint implementation
8	Deputy Director (A.H),Mehsana	Member of SAC, Various Govt. Scheme
9	Dept. of Forest, Mehsana	Technical support
10	Main Seed Spices Research Station, SDAU, Jagudan	Technical support
11	Wheat Research Station,SDAU, Vijapur	FLD
12	Gujarat State Seed Corporation Ltd, Mehsana	Seed production, Input FLD
13	DSC, Visnagar	Joint implement
14	ATMA, Mehsana	Joint implementation
15	Farmer Training Centre, Mehsana	Joint Implementation
16	Dena Bank, Mehsana	Member of SAC, For S.H.G. formation
17	G.S.F.C., G.N.F.C. and IFFCO	Joint implementation, FLD Inputs
18	DRDA ,Mehsana	Participating in meeting
19	ICDS, Mehsana	Technical support
20	NABARD, Mehsana	Joint implementation for farmers clubs and Strengthening of SHGs
21	Baroda RSETI, Mehsana	Joint Implementation , Vocational trainings, Member of LAC
22	Self Employed Women Association (SEWA), Nandasan, Mehsana	Joint Implementation
23	National Centre for Integrated Pest Management, New Delhi	Joint implementation
24	National Institute of Plant Health Management, Hyderabad	Technical support

6.2. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage
1	Training	Technical expertise, method demonstration.
2	Interface meeting	Technical expertise by KVK staff
3	Diagnostic visit	Joint visit of ATMA villages Diagnostic visit on farmers field
4	Kisan gosthi	Technical lectures by KVK staff
5	Lecture delivered in ATMA programme	Technical expertise by KVK staff

6.3. Give details of programmes under National Horticultural Mission

S. No.	Programme	Nature of linkage
1	-	-

6.4. Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage
1	-	-

6.5. Additional Activities Planned including sponsored projects

(ProCRA / Pro SOIL/NARI /DAESI/ DAMU/DFI, etc.)/ schemes during 2025, if involved.

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
1	NARI	On campus training	Awareness of women regarding Nutrition, Value addition, Local produced cereals, vegetables and fruits, their importance for healthy life Conservation of nutrients while handling and cooking of food		Smt. Babita Ramnivas Dr.S.M. Soni Shri B.K. Patel Smt.R.G.Barad
		Off campus training	Importance of nutri garden and how to manage nutri garden, Nutritional food requirement and their importance for women and children		
		Awareness Programme / Meeting/ Kisangosthi	Awareness programme will be organized at village and school level regarding use of nutri sensitive agricultural technology and innovation.		
		Demonstration	Demonstration of nutritional garden at KVK		

			Nutri gardening - Includes nutritionally rich crop varieties and other technologies and its proper layout will be prepared and demonstrated at village as well as school. Value addition and fortification of cereals, pulse, fruits and vegetables through method FLD - Kitchen gardening, 50 FLDs will be implemented		

6.5.1. Details of activities planned in DFI villages

Name of DFI village selected	Total No. of families in the village	Interventions planned during 2025	No. of families to be covered under the intervention	Present annual income of the family (Rs /annum)	Expected annual income of the family after intervention (Rs/ annum)
-	-	-	-	-	-

6.5.2. Details of activities planned under NARI (Including FSN project)

S. No.	Name of the village	Activities planned	No. of families to be covered
1	Venpura	On campus training, Off campus training, Awareness Programme / Meeting/ Kisangosthi, Demonstration	51

6.5.3. Details of activities planned under Paramaparagat Krishi Vikas Yojana (PKVY)

S. No.	Name of the village	Activities planned	No. of families to be covered
-	-	-	-

6.5.4. Details of skill trainings planned (sponsored by ASCI)

S. No.	Name of Job Role	Duration (No. of hours)	No. of participants

6.6. Activities planned in respect of FPOs / FPCs

1. No. of FPOs / FPCs to be formed*:* 10

2. No. of existing FPOs / FPCs to be facilitated*:* 8

3. Type of support to be provided to existing FPOs / FPCs*:*

S. No	Name of the FPO / FPC	Year of Implementation	No. of members	Major activities of FPO / FPC	Type of support to be provided by KVK
1	Krushidhan Producer Company, Ahmedabad	2016	1477	Training and capacity building, Distribution of agriculture inputs, Support in purchase and selling, Production of organic inputs	Training and Technical support
2	PanchgamAgro Producer Company, Savala, Visnagar	2021	510		
3	Kahoda Farmers Producer company, Kahoda, Unjha	2021	520		
4	Mehsana Agroforestry Farmers Producer Company Ltd., At : Udalpur, Visnagar	2021	100		
5	Kadi Taluka farmers Producer Ltd ,Kadi	2021	410		
6	Vijapur Taluka farmers Producer Ltd ,Vijapur	2021	800		
7	Visnagar Taluka farmers Producer Ltd ,Visnagar	2021	110		
8	VUBS PRODUCER Visnagar	2022	307		
9	Rupen Farmers Producer Company	2023	275		
10	The Jotana Progressive Farmers producer compony Ltd.	2024	175		

7. Convergence with other agencies and departments:

S. No.	Name of the department / Agency	Type of convergence	Area (ha) / No. of farmers to be benefited
1	Department of Agriculture	Training and technical backstopping	1000
2	Department of Horticulture	Training and technical backstopping	500

8. Innovator Farmer's Meet 2025

Sl.No.	Particulars	Details	Expected No. of participants
1	Innovator farmers meet	August	20

9. Utilization of hostel facilities

S. No.	Month	No. of days to be utilized
1	-	-
	Total	

10. Details of online activities planned (If any)

S. No.	Type of activities	No. of programmes	Mode of implementation (Video conferencing / Audio Conferencing / Facebook Live / YouTube Live, etc)	No. of participants to be covered
1	Farmers trainings	-	-	-
2	Farmers scientist's interaction programme	-	-	-
3	Farmers seminars	-	-	-
4	Expert lectures	-	-	-
5	Mobile conference	-	-	-

11. Details of collaborative applied research projects planned if any

S. No.	Name of the research project	Funding agency	Collaborating organizations	Year of commencement	Major activities planned
-	-	-	-	-	-

Annexure-I

Training list

Sr.No	Discipline	Title	Thematic Are	Cliental	On / Off	Duration	Other participants			Number of SC/ST		
						(Days)	M	F	T	M	F	T
	January, 2025											
1	Agriculture Engineering	Mulching technology in watermelon crop	Use of plastic in farming practices	PF	Off	1	22	0	22	3	0	3
2	Plant Protection	IPM in Mustard	Integrated Pest Management	PF	On	1	17	0	17	3	0	3
3	Livestock production	Production Technology of fodder sorghum	Feed and fodder technology	FW	On	1	0	22	22	0	3	3
4	Extension Education	Use and importance of ITK in farming community	Mobilisation of social capital	PF	On	1	18	0	18	2	0	2
5	Home Science	Preparation and preservation of aonla products	Value addition	FW	On	1	0	15	15	0	5	5
	February, 2025											
6	Crop production	Role of Bio-fertilizer in organic farming	Production and use of organic inputs	PF	Off	1	22	0	22	3	0	3
7	Crop production	Scientific cultivation of millet crops	Integrated Crop Management	PF	Off	1	22	0	22	3	0	3
8	Horticulture	Layout and Management of orchad	Layout and Management of Orchards	PF	Off	1	22	0	22	3	0	3
9	Agriculture Engineering	Post Harvest Technology of spice seed	Post harvest technology	PF	Off	1	22	0	22	3	0	3

10	Agriculture Engineering	Use of organic mulch in farming Practices	Resource Conservation Technologies	PF	Off	1	22	0	22	3	0	3
11	Livestock production	Use of indigenous medicine in treatment of various animal disease condition	Disease management	FW	Off	1	0	22	22	0	3	3
12	Extension Education	Importance and formation of FPOs	Formation and management of SHGs	PF	Off	1	22	0	22	3	0	3
13	Home Science	Healthcare and balance diet for farm women	Women and child care	FW	Off	2	0	22	22	0	3	3
14	Agriculture Engineering	Post Harvest Technology of all grain	Post harvest technology	RY	On	5	22	0	22	3	0	3
	March, 2025											
15	Agriculture Engineering	Various type of MIS in agriculture	Installation and maintenance of micro-irrigation system	PF	Off	1	22	0	22	3	0	3
16	Extension Education	Awareness about Government scheme for farmers	Group Dynamics	PF	Off	1	22	0	22	3	0	3
17	Livestock production	Round the year green fodder prodution technology	Feed and fodder technology	PF	On	1	0	22	22	0	3	3
	April, 2025											
18	Livestock production	Production Technology of fodder sorghum	Feed and fodder technology	FW	Off	1	0	22	22	0	3	3
19	Extension Education	Importance of Contract farming	Group Dynamics	PF	Off	1	22	0	22	3	0	3
20	Home Science	Safe food grains storage technologies	Storage loss minimization techniques	FW	Off	1	0	22	22	0	3	3

21	Agriculture Engineering	Various improved tractor drawn farm implements use for agriculture operation	Repair and maintenance of farm machinery and implements	PF	On	1	18	0	18	2	0	2
22	Livestock production	Care and management of farm animals	Management in farm animals	EF	On	1	18	0	18	2	0	2
23	Extension Education	Formation and management of SHGs/Farmers club	Formation and management of SHGs	PF	On	1	18	0	18	2	0	2
	May, 2025											
24	Crop production	Reclamation of problematic soils- Green Manuring	Management of problematic soil	PF	Off	1	22	0	22	3	0	3
25	Crop production	Soil sampling method and its importance	Soil and water testing	PF	Off	1	22	0	22	3	0	3
26	Horticulture	Natural farming of fruit crops	Cultivation of fruits	PF	Off	1	22	0	22	3	0	3
27	Horticulture	Management of Guava Orchad	Layout and Management of Orchards	PF	Off	1	22	0	22	3	0	3
28	Agriculture Engineering	Farm implements used in cotton cultivation	Repair and maintenance of farm machinery and implements	PF	Off	1	22	0	22	3	0	3
29	Agriculture Engineering	Soil and Water Conservation technology	Soil and Water Conservation	PF	Off	1	22	0	22	3	0	3
30	Livestock production	Importance of vaccination and deworming in dairy animals	Disease management	FW	Off	1	0	22	22	0	3	3
31	Livestock production	Use and importance of probiotic in animal feed	Animal nutrition management	FW	On	1	0	18	18	0	2	2

32	Extension Education	Government programs for employment and income generation	Entrepreneurial development of farmers/youth	PF	On	1	18	0	18	2	0	2
33	Home Science	Preparation method of squash, jam and pickle from mango	Value addition	FW	On	1	0	15	15	0	5	5
	June, 2025											
34	Crop production	Importance of green manuring in Prakrutik Kheti	Soil fertility management	PF	Off	2	22	0	22	3	0	3
35	Agriculture Engineering	Drip irrigation in cotton crop	Installation and maintenance of micro-irrigation system	PF	Off	1	22	0	22	3	0	3
36	Extension Education	Role of women in agriculture	Leadership development	FW	Off	1	0	22	22	0	3	3
37	Home Science	Food management for pregnant and adult girls	Women and child care	FW	Off	2	0	22	22	0	3	3
38	Crop production	Improved cultivation practices of blackgram	Integrated Crop Management	PF	On	2	17	0	17	3	0	3
39	Crop production	Scientific cultivation of groundnut	Integrated Crop Management	PF	On	2	17	0	17	3	0	3
40	Horticulture	Nursery Raising	Nursery Management	RY	on	5	17	0	17	3	0	3
41	Livestock production	Ectopaerasitic management in dairy animals	Disease management	FW	On	1	0	18	18	0	2	2
42	Home Science	Value addition in Mango	Value addition	RY	On	5	0	15	15	0	5	5
	July, 2025											
43	Crop production	Integrated nutrient management in Bt.cotton	INM	PF	Off	1	22	0	22	3	0	3

44	Horticulture	Care and management of newly established orchard	Management of young plant	PF	Off	1	22	0	22	3	0	3
45	Horticulture	Propagation techniques of flower crops	Propagation techniques of Ornamental Plants	PF	Off	1	22	0	22	3	0	3
46	Agriculture Engineering	Roof Top Rain Water Harvesting Technology	Resource Conservation Technologies	PF	Off	1	22	0	22	3	0	3
47	Livestock production	Prevention of mastiis disease in dairy animals	Disease management	FW	Off	1	0	22	22	0	3	3
48	Home Science	Importance and techniques of kitchen gardening	Household food security by kitchen gardening and nutrition gardening	FW	Off	1	0	22	22	0	3	3
49	Home Science	Importance and techniques of kitchen gardening	Household food security by kitchen gardening and nutrition gardening	FW	Off	2	0	22	22	0	3	3
50	Crop production	Nutrient management in Prakrutik Kheti	Integrated Nutrient Management	PF	On	2	17	0	17	3	0	3
51	Horticulture	Integrated nutrient management in chilli	Production of low volume and high value crops	PF	On	1	17	0	17	3	0	3
52	Extension Education	Awareness towards human and soil health	WTO And IPR issue	PF	On	1	18	0	18	2	0	2
	August, 2025											
53	Agriculture Engineering	Use of improved hand operated farm implements in castor crop	Production of small tools and implements	PF	Off	1	22	0	22	3	0	3
54	Extension Education	Need and importance of Agri entrepreneurship	Leadership development	PF	Off	1	22	0	22	3	0	3

55	Home Science	Conservation of nutrients while handling and cooking of food	Minimization of nutrient loss in processing	FW	Off	2	0	22	22	0	3	3
56	Crop production	Improved production technology of castor	Integrated Crop Management	PF	On	2	17	0	17	3	0	3
57	Livestock production	Importance of bypass protein in dairy animal	Animal nutrition management	FW	On	1	0	18	18	0	2	2
	September, 2025											
58	Horticulture	Natural farming of vegetables	Off season vegetables	PF	Off	1	22	0	22	3	0	3
59	Horticulture	Scientific cultivation of Fennel	Production of low volume and high value crops	PF	On	1	17	0	17	3	0	3
60	Livestock production	Feed and fodder management for dairy animals	Livestock feed and fodder production	EF	On	1	18	0	18	2	0	2
61	Extension Education	Income generation via mobilizing farm people	Mobilisation of social capital	PF	On	1	18	0	18	2	0	2
62	Home Science	Nutrition awareness programme for anganvadi workers	Women and child care	EF	On	1	0	15	15	0	5	5
	October, 2025											
63	Crop production	Scientific cultivation of mustard	Integrated Crop Management	FW	Off	2	22	0	22	3	0	3
64	Horticulture	Use of improved pruning technique in fruit crop	Training and pruning	PF	Off	1	22	0	22	3	0	3
65	Plant Protection	IPM in castor	Integrated Pest Management	PF	Off	1	22	0	22	3	0	3

66	Agriculture Engineering	Irrigation management in cotton crop	Installation and maintenance of micro-irrigation system	PF	Off	1	22	0	22	3	0	3
67	Extension Education	Efficient marketing channels for enhancing the income of farm produce	Leadership development	PF	Off	1	22	0	22	3	0	3
68	Crop production	Improved production technology of mustard	Integrated Crop Management	PF	On	2	17	0	17	3	0	3
69	Crop production	Prakrutik kheti	Resource conservation technologies	PF	On	5	17	0	17	3	0	3
70	Horticulture	Scientific cultivation of Ajwain	Production and management technology	PF	On	1	17	0	17	3	0	3
71	Livestock production	Use and importance of chelated mineral mixture in dairy animal	Animal nutrition management	FW	On	1	0	18	18	0	2	2
72	Home Science	Importance seasonal fruits and vegetables in our health	Women and child care	FW	On	1	0	15	15	0	5	5
	November, 2025											
73	Horticulture	Value addition in fennel and cumin	Processing and value addition	FW	Off	1	22	0	22	3	0	3
74	Horticulture	Seed production of spices	Production of low volume and high values crops	PF	Off	1	22	0	22	3	0	3
75	Horticulture	Regulation of bahar treatment in lime orchard	Training and pruning	PF	Off	1	22	0	22	3	0	3

76	Agriculture Engineering	Irrigation management in castor crop	Installation and maintenance of micro-irrigation system	PF	Off	1	22	0	22	3	0	3
77	Livestock production	Balance feeding technology for dairy animals	Feed and fodder technology	FW	Off	1	0	22	22	0	3	3
78	Home Science	Preparation and preservation of aonla candy	Value addition	FW	Off	1	0	22	22	0	3	3
79	Crop production	Scientific cultivation of wheat	Integrated Crop Management	PF	On	1	17	0	17	3	0	3
80	Crop production	Integrated weed management in rabi crops	Weed management	PF	On	2	17	0	17	3	0	3
81	Plant Protection	Preparation of bio-pesticides	Production of organic inputs	RY	On	2	17	0	17	3	0	3
82	Agriculture Engineering	Efficient use of water through MIS	Installation and maintenance of micro-irrigation system	PF	On	1	18	0	18	2	0	2
83	Livestock production	Dairy farmer enterprise	Dairying	RY	On	5	18	0	18	2	0	2
84	Extension Education	Role of FPOs for enhancing farmer income	Group Dynamics	PF	On	1	18	0	18	2	0	2
85	Home Science	Value addition in aonla	Value addition	RY	On	5	0	15	15	0	5	5
	December,2025											

86	Horticulture	Improved technology for potato cultivation	Production of low volume and high value crops	PF	Off	1	22	0	22	3	0	3
87	Plant Protection	Pests and disease management in natural farming	Integrated Disease Management	PF	Off	1	22	0	22	3	0	3
88	Livestock production	Care and management of calf	Dairy management	FW	Off	1	0	22	22	0	3	3
89	Extension Education	Role of ICT in doubling the income of farmers	Leadership development	PF	Off	1	22	0	22	3	0	3
90	Home Science	Seasonable fruits and vegetables uses in our daily diet	Design and development of low / minimum cost diet	FW	Off	1	0	22	22	0	3	3
91	Agriculture Engineering	Harvesting technique of castor spike through improved small farm tools	Production of small tools and implements	FW	On	1	18	0	18	2	0	2
92	Home Science	Use and importance of drumstick pods and leaves in our daily diet	Designing and develop for high nutrient efficiency diet	FW	On	1	0	15	15	0	5	5

ii) Vocational training programme for Rural youth

Crop / Enterprise	Identified Thrust area	Training title	Month	Duration in days	No. of Participants			Number of SC/ST			Total
					M	F	T	M	F	T	
Crop production	Prakrutik kheti	Resource conservation technologies	October, 2025	5	17	0	17	3	0	3	20
Livestock	Dairying	Dairy farmer enterprise	November, 2025	5	18	0	18	2	0	2	20
Agriculture Engineering	Post Harvest Technology of all grain	Post harvest technology	February, 2025	5	22	0	22	3	0	3	25
Home science	Value addition	Value addition in aonla	November, 2025	5	0	15	15	0	5	5	20
Horticulture	Nursery Raising	Nursery Management	June, 2025	5	17	0	17	3	0	3	20
			Total		**74**	**15**	**89**	**11**	**5**	**16**	**105**

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of Participants			Number of SC/ST			Total
				M	F	T	M	F	T	
September, 2025	EF	Nutrition awareness programme for Anganwadi workers	1	0	15	15	0	5	5	20
April,2025	EF	Care and management of farm animals	1	18	0	18	2	0	2	20
September, 2025	EF	Feed and fodder management for dairy animals	1	18	0	18	2	0	2	20
		Total (3)		**36**	**15**	**51**	**4**	**5**	**9**	**60**

iv) 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								

Annexure - II

Budget - Details of budget utilization (April,2023 to March, 2024)

S. No.	Particulars	Sanctioned	Released	Expenditure
A	Recurring Contingencies			
1	Pay & Allowances	203.50	203.50	202.96
2	Traveling allowances	0.45	0.45	0.45
3	Contingencies			
3.1	Res.& Operational Expenses	5.74	5.74	5.74
3.2	Adm. Expenses	4.31	4.31	4.31
	Total Recurring	10.50	10.50	10.50
B	Non-Recurring Contingencies			
1	Works			
2	Equipment including SWTL& Furniture			
3	Vehicle (Four wheeler/Two wheeler, please specify)	9.00	9.00	9.00
4	Library			
	Total Non-Recurring	9.00	9.00	9.00
C	Revolving fund			
	Grand total (A+B+C)	223.00	223.00	222.46

Financial status of other component (April 2024 March-2025)

Scheme	Budget Sanctioned (Rs.)	Opening Balance	Budget Release (Rs)	Budget Utilized (Rs.)	Balance (Rs.)
CFLD-Oilseeds	0.81	0.00	0.81	0.81	0.00
Natural farming-Farmers outreach farming	5.23	0.00	5.23	5.23	0.00
Skill Development Programme (RPL)	0.84	0.00	0.84	0.84	0.00
SAP	0.24	0.00	0.24	0.24	0.00

Revolving Fund(Rs. in lakhs)

Year	Opening Balance	Income	Expenditure	Closing Balance
2020-21	26.16	12.12	6.77	31.51
2021-22	31.51	10.42	4.59	37.34
2022-23	37.34	14.21	7.43	44.13
2023-24	44.13	21.32	3.74	61.7
2024-25(Dec-24)	61.7	9.83	2.81	68.72

Details of Budget Estimate (2025-26) based on proposed action plan

S. No.	Particulars	BE 2024-25 proposed (Rs. in Lakhs)
A	Recurring Contingencies	
1	Pay & Allowances	224.50
2	Traveling allowances	0.60
3	Contingencies	
3.1	Res.& Operational Expenses	6.00
3.2	Adm.Expenses	4.00
	TOTAL Recurring Contingencies	10.60
B	Non-Recurring Contingencies	
1	Works / CCTV	
2	Equipment's including SWTL & Furniture	
3	Vehicle (Four wheeler/Two wheeler, please specify)	
4	Library (Purchase of assets like books & journals)	
	TOTAL Non-Recurring Contingencies	
C	Revolving fund	
	Grand total	**235.10**