ICAR-ATARI, Pune
DETAILS OF ANNUAL PROGRESS REPORT OF KVKs DURING 2024
(January 2024 to December 2024)

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, Navsari Agricultural University Dediapada-393040, Dist: Narmada, Gujarat	Office -	FAX -	kvkdediapada@nau.in	http://narmada.kvk6.in/ Visitors - 1918709

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

Address	Telephone		E mail	Website address
	Office	FAX		
Navsari Agricultural University, Eru Char Rasta, Dandi Road, Navsari – 396 450, Gujarat, INDIA.	02637-282026	02637-282706	dee@nau.in	www.nau.in

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

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. H. U. Vyas	-	9106552781	huvyas@yahoo.com

1.4. Year of sanction: 2006

1.5. Staff Position (as on December, 2024)

Sl. No.	Sanctioned post	Name of the incumbent	Mobile No.	Discipline	If Permanent, please indicate			If Temporary, pl. indicate the consolidated amount paid (Rs. /month)
					Current Pay Band	Current Grade Pay	Date of joining	
1.	Senior Scientist and Head	Dr. H. U. Vyas	9106552781	Ext. Edu.	131400-217100	-	01-06-24	2,76,954/-
2.	Scientist	Vacant	-	Ext. Edu.	-	-	-	-
3.	Scientist	Vacant	-	Agronomy	-	-	-	-
4.	Scientist	Dr. S. N. Gajjar	9724302642	Entomology	79800-211500	-	01-02-24 (Working at Navsari)	1,59,263/-
5.	Scientist	Vacant	-	Animal Science	-	-	-	-
6.	Scientist	Dr. M. V. Tiwari	9408985550	Home Science	57700-182400	-	21-08-15	1,16,056/-
7.	Scientist	Vacant	9427543481	Horticulture	57700-182400	-	-	-
8.	Programme Assistant	Mr. V. R. Jinjala	9726892689	Agronomy	39900-126600	-	13-08-15	69,912/-
9.	Computer Programmer	Mr. M. H. Bhatt	7227801350	Computer Programmer	39900-126600	-	17-08-15 (Working at Navsari)	73,289/-
10.	Farm Manager	Mr. M. L. Visat	9428352010	Plant Breeding	39900-126600	-	11-03-19	57,658/-
11.	Accountant/Superintendent	Mr. R. R. Rao	9909922409	Head Clark	35400 -112400	-	19-01-23 (Working at Bharuch)	63,883/-
12.	Stenographer	Vacant	-	-	-	-	-	
13.	Driver 1	Mr. S. M. Saiyed	9624810186	Driver cum Mechanic	21700-69100	-	23-08-12	47,266/-
14.	Driver 2	Vacant	-	-	-	-	-	-
15.	Supporting staff 1	Vacant	-	-	-	-	-	-
16.	Supporting staff 2	Vacant		-	-	-	-	-

1.6. Total land with KVK (in ha): 21.60

S. No.	Item	Area (ha)
1	Under Buildings	05.24
2.	Under Demonstration Units	01.00
3.	Under Crops	10.46
4.	Horticulture	01.60
5.	Pond	00.60
6.	Others if any	02.00
Total		21.60

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	2010	1200	90.00	July-2010	1200	Completed
2	Farmers Hostel	ICAR	2010	1500	30.43	April-2012	1500	Completed
3	Staff Quarters (6)	ICAR	2010	370	39.69	Jan-2010	370	Completed
4	Demonstration Units (6)	ICAR	2017	260	3.86	April-2018	260	Completed
5	Fencing	State	2007	1100	26.00	April-2008	1100	Completed
6	Rain Water harvesting system	ICAR	2012	10	1.00	April-2013	10	Completed
7	Threshing floor	State	2014	200	2.00	April-2014	200	Completed
8	Farm godown	ICAR	2010	110	20.00	April-2011	110	Completed
9	ICT lab	-	-	-	-	-	-	-
10	STL (Soil testing Laboratory)	ICAR	2017	110	16.50	April-2018	110	Completed
11	Implement shed	State	2018	100	4.50	April-2018	100	Completed

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bike	2012	49,000/-	2267	Good
Bolero	2019	8,00,00/-	177465	Good

C) Equipments& AV aids

Name of the equipment / Implements	Year of purchase	Cost (Rs.)	Present status
Trailer	26.03.2007	80,000/-	Working
Cultivator	26.03.2007	15,000/-	Working
Plough	22.10.2008	4,300/-	Working
Electronic balance	20.08.2009	8,000/-	Working
Scale balance	09.03.2009	6,000/-	Working
Rotavator	02.03.2009	63,000/-	Working
Disc harrow	09.03.2009	57,120/-	Working
Submersible pump	13.03.2009	41,105/-	Working
Plough	18.03.2009	19,000/-	Working
Leveler	18.03.2009	13,500/-	Working
Pump sprayer	21.03.2009	20,700/-	Working
Thresher	21.03.2009	1,05,000/-	Working
Bund former	26.03.2009	12,348/-	Working
Seed drill	26.03.2009	11,500/-	Working
V ditcher	28.03.2009	20,400/-	Working
Ridge	28.03.2009	15,000/-	Working
Computer with accessories	28.03.2009	36,735/-	Working
Submersible pump	30.03.2009	41,075/-	Working
Honda Portable generator	31.03.2009	38,000/-	Working
Digital camera	06.03.2010	25,000/-	Working
Fax machine	20.03.2010	14,900/-	Working
Digital Copier	29.03.2010	66,600/-	Working

Multi crop thresher	26.03.2010	1,45,000/-	Working
Castor Thresher	26.03.2010	15,500/-	Working
Bag sewing machine	27.03.2010	5,040/-	Working
A&V sound system	10-12-2010	42,898/-	Working
Portable Sound system	10-12-2010	22,784/-	Working
Multimedia projector with trolley & screen	10-12-2010	64,997/-	Working
Seed cum fertilizers drill	16-03-2011	36,100/-	Working
Winnower	16-03-2011	26,500/-	Working
LCD TV	21-03-2011	54,890/-	Working
Lap top	24-03-2011	37,850/-	Working
Computer with accessories	17-03-2011	73,690/-	Working
Water cooler with RO system	19-03-2011	43,900/-	Working
Motor Cycle	22-03-2010	49,650/-	Working
Solar Water Heater	22-03-2012	75,025/-	Working
LCD TV	22-03-2012	40,860/-	Working
Refrigerator	22-03-2012	20,100/-	Working
Water Cooler with RO System	22-03-2012	42,000/-	Working
Magazine Stand Model T-9309	12-03-2014	4,465/-	Working
Acrylic Specimen Box	12-03-2014	840/-	Working
Acrylic Table Top/Desk ped	12-03-2014	4,952/-	Working
Acrylic Door Name Plate	12-03-2014	656/-	Working
Electric Motor 5 H. P	23-08-2014	22,500/-	Working
Electric Motor 0.5 H. P	03-12-2014	2,800/-	Working
Loan Mover	23-12-2014	26,200/-	Working
Sewing Machine with Gear (No. 16)	23-12-2014	91,200/-	Working
Sewing Machine without Gear	23-12-2014	8,000/-	Working
Sewing Machine	23-12-2014	8,000/-	Working
Trolley (2 Wheel)	24-02-2015	85,000/-	Working
Case Wheel	24-02-2015	15,000/-	Working
Samar	24-02-2015	28,000/-	Working
Peddler	24-02-2015	20,000/-	Working

Notice board	03-03-2015	5,980/-	Working
Magazine Stand	03-03-2015	6,240/-	Working
Honda Generator	23-03-2015	96,500/-	Working
Soil testing mini lab.	27/11/2015	75,000/-	Working
Digital electronic weight machine	04/02/2016	29,900/-	Working
Digital electronic weight machine	04/02/2016	6,900/-	Working
Paddy Thresher Fan with motor	04/02/2016	42,000/-	Working
Spray pump with betray	04/03/2016	8,000/-	Working
Paddy Thresher	21/03/2016	1,67,000/-	Working
Lesser band leveler	21/03/2016	2,95,000/-	Working
Rico digital photo copier	17/03/2017	1,50,000/-	Working
Rotary Secker	18/03/2017	99,000/-	Working
Automatic nitrogen distillation operator	16/03/2017	3,08,800/-	Working
Digital Spectro photo meter	16/03/2017	75,000/-	Working
Hot plate	16/03/2017	41,300/-	Working
Oat at oven	18/03/2017	41,800/-	Working
E.C. meter	18/03/2017	34,760/-	Working
Electric top pan	18/03/2017	72,200/-	Working
Flam photo meter	18/03/2017	72,000/-	Working
P.H. Meter	16/03/2017	56,400/-	Working
Mrudaparikshak	25/03/2017	86,000/-	Working
Chap cutter	13/11/2017	26,964/-	Working
Winnowing fan with electric motor	08/02/2018	8,300/-	Working
Tractor mount sprayer	17/02/2018	99,710/-	Working
Power tiller	29/08/2023	1,95,624/-	Working
High speed scanner	18/09/2023	36,450/-	Working

1.8. Details of SAC meetings conducted in the year:

Sl. No.	Particulars	Proposed date of meeting
1	17th Scientific Advisory Committee Meeting	04-03-2025

2. DETAILS OF DISTRICT / JURISDICTION AREA OF KVK

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

S. No	Farming system/enterprise
1	**Agriculture + Horticulture + Animal husbandry**
2	**Agriculture + Horticulture + Agroforestry (Agrihortisilvicultural)**
3	**Agriculture + Animal husbandry**
4	**Agroforestry**

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

a) Soil type

Sl. No.	Agro-climatic Zone	Characteristics
1	South Gujarat Zone II & Middle Gujarat Zone III	Rainfall: 1000-1250 mm Type of Soil: Undulating, shallow to medium in depth, fine textured, highly erosive. Soil Characteristics: Low fertility land and hilly terrain with dense forest. Soil fertility: Nitrogen-poor, Phosphorus medium, Potash High**.**

b) Topography

S. No.	Agro ecological situation	Characteristics
1	*AES-I*	Rainfall: 1000-1250 mm
2	*AES IX*	Rainfall: >800 mm

2.3 Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Undulating, shallow to medium in depth, fine textured, highly erosive	Low fertility land and hilly terrain with dense forest.	94,240
2	Deep black soil- Plain	Deep black soil with high rainfall- plain	23,560

2.4. Area, Production and Productivity of major crops cultivated in the area of jurisdiction of KVK (2024)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)
CEREALS				
1	Paddy	9530	9554/25871	8.90/24.10
2	Wheat	1213	9048	22.62
3	Sorghum	5697	1724	14.10
4	Maize	7255	9999	15.90
TOTAL		**23695**	**56196**	**85.62**
PULSES				
1	Green gram	359	135	5.02
2	Pigeon Pea (Arhar)	18366	18382	9.90
3	Chick pea	1178	1593	9.76
TOTAL		**19903**	**20110**	**24.68**
OILSEEDS				
1	Soybean	1703	5831	17.10
2	Groundnut	170	347	18.40
3	Sesame	22	13	5.82
4	Castor	314	617	19.64
TOTAL		**2209**	**6808**	**60.96**
OTHERS				
1	Cotton	53456	67548	13.20
2	Sugarcane	5739	358678	700.0
3	Vegetables	2856	2770	9.70
4	Fodder Crops	2179	4794	22.00
TOTAL		**64230**	**433790**	**744.9**

Authentic Source (State / Central Govt): District agriculture department.

2.5. Weather data (2024)

Month	Normal RF (mm)	Normal Rainy days (number)	Temperature (^{0} C)		Relative Humidity (%)	
			Maximum	Minimum	Maximum	Minimum
January	0.0	0.0	28.0	10.8	97	36
February	0.0	0.0	32.8	10.3	80	15
March	25.0	4.0	35.6	20.0	71	20
April	2.5	0.0	37.4	22.9	69	20
May	48.5	3.0	38.0	26.7	88	28
June	154.5	11.0	34.3	28.0	88	53
July	368.5	21.0	27.3	28.1	100	98
August	59.5	10.0	29.6	25.7	100	91
September	525.5	15.0	30.3	25.3	100	80
October	0.0	0.0	34.3	20.7	100	38
November	98.5	1.0	32.0	17.1	95	35
December	0.0	0.0	29.7	15.9	97	40
Total	**1280.5**	**65.0**	-	-	-	-

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

Category	Population	Production	Productivity
Cattle			
Crossbred	4503	45,000 Tone/year milk	7.094 lit/day (milk)
Indigenous	170154		2.518 lit/day (milk)
Buffalo	79014		3.462 lit/day (milk)
Sheep	542	-	863 gm/year (wool)
Crossbred	-	-	-
Indigenous	-	-	-
Goats	89727	19843 kg meat/year	3.62 kg/year (meat)
Pigs	-	-	-
Crossbred	-	-	-

Indigenous	74	-	-
Rabbits	73	-	-
Poultry	-	-	-
Hens	-	-	-
Desi	138509	36,00,000 egg/year	0.2504 no. of egg/day
Improved	3887		0.6643 no. of egg/day
Ducks	913	-	-
Turkey and others	-	-	-
Category	**Area**	**Production**	**Productivity**
Fish	-	-	-
Marine	-	-	-
Inland	18.09	-	200 kg/ha
Prawn	-	-	-

2.7. Details of Operational area / Villages

Name of the Taluka	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Dediapada	Kunbar, Rohda, Almavadi, Sejpur, Navagam, Panuda, Bhatpur, Soliya	Paddy, Pigeon pea, sorghum, Gram	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management

	Relva Bharada, Sabuti, Khupar borsan, Gopaliya, Siyali	Paddy, Pigeon pea, sorghum Gram, Cotton, Wheat	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Insect pest problem in cotton • High use of input in cotton and vegetables	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Integrated pest management • Integrated Nutrient Management
	Mathasar, Kanzari, Pankhala, Kokam, Vandari,	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Insect pest problem in cotton • High use of input in cotton and vegetables	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Integrated pest management • Integrated Nutrient Management
	Tabda, Zankh, Kham, Bhutbeda,	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Insect pest problem in cotton • High use of input in cotton and vegetables	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Integrated pest management • Integrated Nutrient Management

Sagbara	Panchpipali, Navagam, Javali, Kel, Ubhariya. Kherdipada, Barktura,	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Insect pest problem in cotton • High use of input in cotton and vegetables	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Integrated pest management • Integrated Nutrient Management
	Nana doramba, Mota doramba, Makran, Nana Kakadiamba, Bodvav	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Insect pest problem in cotton • High use of input in cotton and vegetables	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Integrated pest management • Integrated Nutrient Management
Nandod	Boridra, Amali, Nani chikhali, Moti chikhali. Partapnagar,	Paddy, Pigeon pea, sorghum Gram, Cotton, wheat, Vegetable	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Use of local variety, • Imbalance use of	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Varietal replacement

Tilak-wada	Nimpura, Bunjetha, Utavadi, Gamod.	Cotton, Paddy, Pigeon pea, maize, Gram, Wheat, Sorghum	• Insect pest problem in cotton • High use of input in cotton and vegetables • Use of local variety, • Imbalance use of fertilizer, • Low animal productivity	• Integrated pest management • Integrated Nutrient Management • Production technology of major crops, • Promotion of vegetable crops, • Dairy management through feeding, housing and Health management
Garudeshvar	Junvad, Fulvadi, Moti raval, Mota raipura, Suka, Zunda, Kalimakwana, Nava vaghpara	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Insect pest problem in cotton • High use of input in cotton and vegetables	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Integrated pest management • Integrated Nutrient Management

2.8. Priority thrust areas:

1	Introduction of Improved variety
2	Balance used of fertilizers
3	Eco friendly plant protection technology
4	Dairy management and goat rearing
5	Drudgery reduction technology for farm women health nutrition for vulnerable groups and sickle cell anemia awareness
6	Women empowerment and self-reliability through entrepreneurial development

3. TECHNICAL ACHIEVEMENTS

3.1. A. Details of target and achievements of mandatory activities

OFT				FLD			
1				2			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
1	1	5	5	17	17	622	622

Training				Extension Programmes			
3				4			
Number of Courses		Number of Participants		Number of Programmes		Number of participants	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
95	98	4300	4530	225	254	20000	21413

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
250	269.85	1000	1500

Livestock, poultry strains and fingerlings (No.)		Bio-products - Vermicompost (Kg)	
7		8	
Target	Achievement	Target	Achievement
10	14	1500	2000

3.1. B. Operational areas details during the year 2024

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.) *
NMOOP					
1.	Groundnut (GJG-32)	- No use Improved variety - No use of bio-fertilizer - No use of bio-pesticides	10/25	Sorapada, Nani bedvan, Nana sukaamba and Kham	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.
2.	Soybean (NRC-37)	- No use Improved variety - No use of bio-fertilizer - No use of bio-pesticides	10/25	Nani bedvan, Sorapada and Bebar,	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.
3.	Sesame (GT-6)	- No use Improved variety - No use of bio-fertilizer - No use of bio-pesticides	05/12	Utavali, Nani bedvan, limpura ans moti bedvan	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.
Oil seed crops Model Village					
4.	Groundnut (GJG-32)	- No use Improved variety - No use of bio-fertilizer - No use of bio-pesticides	10/25	Boripitha and Khairipada	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.

5.	Soybean (NRC-37)	- No use Improved variety - No use of bio-fertilizer - No use of bio-pesticides	30/75	Boripitha and Khairipada	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.
NFSM					
6.	Pigeon pea (GT-104)	- No use Improved variety - No use of bio-fertilizer - No use of bio-pesticides	10/25	Nani bedvan, Moti singloti, Kanji, Bebar and Gopaliya	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.
7.	Chickpea (GG-5)	- No use Improved variety - No use of bio-fertilizer - No use of bio-pesticides	30/75	Almavadi, Kanji, Sorapada and Gopaliya	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.
7.	Green gram (GM-6)	- No use Improved variety - No use of bio-fertilizer - No use of bio-pesticides	30/75	Almavadi, Utavali, Gopaliya, Sorapada and Moti singloti	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.
8.	Black gram (GAU-4)	- No use Improved variety - No use of bio-fertilizer - No use of bio-pesticides	05/10	Moti bhamri, Kanji and Vandari	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.

Cereal (KVK)					
9.	Paddy (GNR-9)	- No use Improved variety - No use of bio-fertilizer - No use of bio-pesticides	10/25	Kanji, Vandari, Sejpur, Almavadi, Nani singloti, Timarva and Kareli	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.
11.	Paddy (Mahatma)		10/25		
12.	Paddy (Devalikolam)		10/25		
13.	Paddy Drilled (Purna)	- No use Improved variety - No use of bio-fertilizer - No use of bio-pesticides	10/25	Sorapada, Kokam, Nani bedvan, Baidapani, Khokharaumar and Nani bedvan	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.
14.	Paddy Drilled (Tapi)		10/25		
Cotton (KVK)					
15.	Cotton (H-10)	- No use Improved variety - No use of bio-fertilizer - No use of bio-pesticides	20/50	Taval, Sorapada, Ghodadaivi and Khokharaumar	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.
Horticulture					
16.	Indian bean	- Use of local variety - No use of biocomponent - Insect pest and Disease problems - Imbalance use of fertilizer	06/50	Moti bhamari, Nani bhamari, Palsi and Rambhav	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.
Kitchen Garden					
17.	Nutritional kitchen garden	- Nutritional deficiency - Inadequate use of vegetables	50/50	Nani sigloti, Navagam, Ghodi, Kham, vedchha, anadu, mohabi, nivalda, and khokharaumar	Training, Input seed distribution programme, Field day celebration, Field visits, Farmers and Scientists interaction, Diagnostic Visit, Exhibition Literature Publication and distribution.

* Support with problem-cause and interventions diagram

3.2. Technology Assessment (Kharif 2024)

A1. Abstract on the number of technologies assessed in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Spices	Plantation crops	Tuber Crops	TOTAL
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	**0**
Varietal Evaluation	0	0	1	0	0	0	0	0	0	**1**
Integrated Pest Management	0	0	0	0	0	0	0	0	0	**0**
Integrated Crop Management	0	0	0	0	0	0	0	0	0	**0**
Integrated Disease Management	0	0	0	0	0	0	0	0	0	**0**
Small Scale Income Generation Enterprises	0	0	0	0	0	0	0	0	0	**0**
Weed Management	0	0	0	0	0	0	0	0	0	**0**
Resource Conservation Technology	0	0	0	0	0	0	0	0	0	**0**
Farm Machineries	0	0	0	0	0	0	0	0	0	**0**
Integrated Farming System	0	0	0	0	0	0	0	0	0	**0**
Seed / Plant production	0	0	0	0	0	0	0	0	0	**0**
Value addition	0	0	0	0	0	0	0	0	0	**0**
Drudgery Reduction	0	0	0	0	0	0	0	0	0	**0**
Storage Technique	0	0	0	0	0	0	0	0	0	**0**
Mushroom cultivation	0	0	0	0	0	0	0	0	0	**0**
Total	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**

A2. Abstract on the number of technologies assessed in respect of livestock enterprises

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

B. Achievements on technologies Assessed

B.1. Technologies Assessed under various Crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	Number of farmers	Area in ha (Per trail covering all the Technological Options)
Integrated Nutrient Management	-	-	-	-	-
Varietal Evaluation	Pigeon pea	Assessment of Pigeonpea varieties with reference to climate resilient performance	05	05	2.0
Integrated Pest Management	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-
Small Scale Income Generation Enterprises	-	-	-	-	-

Weed Management	-	-	-	-	-
Resource Conservation Technology	-	-	-	-	-
Farm Machineries	-	-	-	-	-
Integrated Farming System	-	-	-	-	-
Seed / Plant production	-	-	-	-	-
Value addition	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-
Storage Technique	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-
Total			**05**	**05**	**02**

B.2. Technologies assessed under Livestock and other enterprises

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Evaluation of breeds	-	-	-	-
Health Management	-	-	-	-
Dairy Management	-	-	-	-
Nutrition management	-	-	-	-
Disease management	-	-	-	-
Feed and fodder management	-	-	-	-
Processing & Value addition	-	-	-	-
Production and management	-	-	-	-
Composting fish culture	-	-	-	-
Small scale income generating enterprises	-	-	-	-
Fish production	-	-	-	-
Other	-	-	-	-
Total			-	-

B.3 Technologies assessed under other enterprises

Name of Enterprises	Name of the technology assessed	No. of trials	No. of farmers
Mushroom	-	-	-
Apiary	-	-	-
Vermicompost	-	-	-
Tailoring	-	-	-
Nutrition Garden	-	-	-
Engegyconsrvation	-	-	-
storage techniques	-	-	-
House hold food security	-	-	-
organic farming	-	-	-
Mechanization	-	-	-
Bee keeping	-	-	-
Seed production	-	-	-
post-harvest management	-	-	-
Other	-	-	-

B 4. Technologies assessed under Women empowerment assessment

Name of Enterprises	Name of the technology assessed	No. of trials	No. of farmers
Drudgery Reduction	-	-	-
Entrepreneurship development	-	-	-
Health and Nutrition	-	-	-
value addition	-	-	-
Kitchen gardening	-	-	-
nutrition security	-	-	-
other	-	-	-

C1. Results of Technologies Assessed (OFT)

1. Assessment of Pigeonpea varieties with reference to climate resilient performance, year Kharif-2024 (Concluded)

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter			Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8			9	10	11	12
Pigeonpea	Irrigated	-Lack of Knowledge, -Low yield,	Assessment of Pigeonpea varieties with reference to climate resilient performance	5	Varietal assessment	Yield and B:C ratio	Treatment	Yield	B:C ratio	The data from the farmers fields shown that variety GT-104 having high yield with more B:C ratio	Pigeonpea GT-104 variety having good yield and also having better return as compared to other verities.	-	-
							T_1 : Farmers Practice	9.54	2.58				
							T_2 : Pigeonpea GT-104	19.05	4.94				
							T_3 : Pigeonpea Vaishali	16.68	4.33				
							T_4 : Pigeonpea GT-105	14.25	3.70				

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16	17	18
T_1 : Farmers Practice	NAU, Navsari.	9.54	q/ha	39772	2.58
T_2 : Pigeonpea GT-104		19.05	q/ha	103340	4.94
T_3 : Pigeonpea Vaishali		16.68	q/ha	87224	4.33
T_4 : Pigeonpea GT-105		14.25	q/ha	70700	3.70

Crop/ enterprise	Farming situation	Technology Assessed	Parameters of assessment	Production				Recommendation
				2022 Year	2023 Year	2024 Year	Average	
Pigeonpea	Irrigated	T_1 : Farmers Practice	Yield	9.46	9.5	9.54	9.50	The data from the farmers fields shown that variety GT-104 having high yield, 5-7 seeds per pod and resistant SMD with more B:C ratio as compare to other varieties.
			B:C ratio	2.38	2.57	2.58	2.51	
		T_2 : Pigeonpea GT-104	Yield	18.9	19.1	19.05	19.02	
			B:C ratio	4.61	4.82	4.94	4.79	
		T_3 : Pigeonpea Vaishali	Yield	16.6	16.65	16.68	16.64	
			B:C ratio	4.05	4.20	4.33	4.19	
		T_4 : Pigeonpea GT-105	Yield	14.15	14.22	14.25	14.21	
			B:C ratio	3.45	3.59	3.70	3.58	

Pigeonpea GT-104 - **Intermediate, semi spreading, long pods (5-7 seeds/pod), cream colour, resistant to SMD.**
Pigeonpea GT-105 - **Suitable for kharif season cultivation**

C. 2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details:

1. Assessment of nutrient management on performance of milk yield of local Indigenous cattle of Narmada district

1	Title of Technology Assessed	:	Assessment of Pigeonpea varieties with reference to climate resilient performance
2	Problem diagnose/defined	:	-Lack of Knowledge, -Low yield,
3	Details of technologies selected for assessment	:	T_1 : Farmers Practice T_2 : Pigeonpea GT-104 T_3 : Pigeonpea Vaishali T_4 : Pigeonpea GT-105

4	Source of technology	:	Animal nutrition department, AAU, Anand
5	Production system/thematic area	:	Nutritional management
6	Performance of the technology with performance indicators	:	Milk Production
7	Feedback, matrix scoring of various technology parameters done through farmer's participation / other scoring techniques	:	Concentrate feeding had significantly increased milk yield & body condition score and reduced calving interval period in Indigenous cattle
8	Final recommendation for micro level situation	:	The dairy farmers of Narmada district are advised to feed extra concentrate mixture 1.5 kg to the lactating cattle producing 2.0-4.5 kg milk and to feed 30g mineral mixture as per BIS specifications to lactating cows for increase milk yield in Indigenous cattle.
9	Constraints identified and feedback for research	:	--
10	Process of farmers participation and their reaction	:	Farmer's participation in planning, execution and monitoring.
11	Good Quality Photo in JPG (separate with proper caption)	:	-

3.3. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2024 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Oilseed Crops (NMOOP)							
1.	Groundnut	ICM	Improved variety, Bio Fertilizers, Bio Pesticide	Improved variety, seed treatment	04	25	10

2.	Soybean	ICM	Improved variety, Bio Fertilizers, Bio Pesticide	Improved variety, seed treatment	03	25	10
3.	Sesame	ICM	Improved variety, Bio Fertilizers, Bio Pesticide	Improved variety, seed treatment	04	12	05
Oilseed Crops (Model Village)							
4.	Groundnut	ICM	Improved variety, Bio Fertilizers, Bio Pesticide	Improved variety, seed treatment	02	25	10
5.	Soybean	ICM	Improved variety, Bio Fertilizers, Bio Pesticide	Improved variety, seed treatment	02	75	30
Pulses Crops (NFSM)							
6.	Pigeon pea	ICM	Improved variety, Bio Fertilizers, Bio Pesticide	Improved variety, seed treatment	05	25	10
7.	Chickpea	ICM	Improved variety, Bio Fertilizers, Bio Pesticide	Improved variety, seed treatment	05	75	30
8.	Green gram	ICM	Improved variety, Bio Fertilizers, Bio Pesticide	Improved variety, seed treatment	04	75	30
9.	Black gram	ICM	Improved variety, Bio Fertilizers, Bio Pesticide	Improved variety, seed treatment	03	10	05
Cereals (KVK)							
10.	Paddy (T.P)	Varietal	Improved variety	Improved variety	07	25	10
11.	Paddy (T.P)	Varietal	Improved variety	Improved variety	07	25	10
12.	Paddy (T.P)	Varietal	Improved variety	Improved variety	07	25	10
13.	Paddy (Drilled)	Varietal	Improved variety	Improved variety	06	25	10
14.	Paddy (Drilled)	Varietal	Improved variety	Improved variety	06	25	10
Cotton (KVK)							
15.	Cotton	Varietal	Improved variety	Improved variety	04	50	20
Horticulture (KVK)							
16.	Indian bean	Varietal	Improved variety	Improved variety	04	50	06
Kitchen Garden (KVK)							
17.	Nutritional Kitchen Garden	Health and Management	Household food security by kitchen gardening	Seeds of vegetables and Vegetable Seedlings	07	50	50

B. Details of FLDs implemented during 2024 (Kharif 2024, Rabi 2023-24, Summer 2024) (Information is to be furnished in the following three tables for each category i.e., cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
Oilseed Crops (NMOOP)										
Kharif 2024										
1.	Groundnut	ICM	GJG-32	Kharif-24	10	10	25	00	25	-
2.	Soybean	ICM	NRC-37	Kharif-24	10	10	25	00	25	-
Summer 2024										
3.	Sesame	ICM	GT-6	Summer-24	05	05	12	00	12	-
Oilseed Crops (Model village)										
4.	Groundnut	ICM	GJG-32	Kharif-24	10	10	25	00	25	-
5.	Soybean	ICM	NRC-37	Kharif-24	30	30	75	00	75	-
Pulses Crops (NFSM)										
Kharif 2024										
6.	Pigeon pea	ICM	GT-104	Kharif-24	10	10	25	00	25	-
Rabi 2023-24										
7.	Chickpea	ICM	GG-5	Rabi 2023-24	30	30	75	00	75	-
Summer 2024										
8.	Green gram	ICM	GM-6	Summer-24	30	30	75	00	75	-
9.	Black gram	ICM	GAU-4	Summer-24	05	05	10	00	10	-
Cereals (KVK)										
Kharif 2024										
10.	Paddy	ICM	GNR-9	Kharif-2024	10	10	25	00	25	-
11.	Paddy	ICM	Mahatma		10	10	25	00	25	-
12.	Paddy	ICM	Devli kolam		10	10	25	00	25	-
13.	Paddy Drilled	ICM	PURNA		10	10	25	00	25	-

14.	Paddy Drilled	ICM	Tapi		10	10	25	00	25	-
Cotton (KVK)										
Kharif 2024										
15.	Cotton	ICM	Bt. H.-10	Kharif-24	20	20	50	00	50	-
Horticultural Crops (KVK)										
Kharif 2024										
16.	Indian bean	ICM	GNIB-22	Late Kharif 2024	06	06	50	00	50	-

Details of farming situation

Crop	Season	Farming situation (RF/ Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Groundnut	Kharif-24	RF	Deep black	260-290	40-75	360-430	Fallow	3rdWk. June-24	2nd wk. Oct-24	1280.5	65
Soybean	Kharif-24	RF	Deep black	250-280	45-75	370-430	Fallow	3rd Wk. June-24	1st wk. Oct-24	1280.5	65
Sesame	Summer-24	RF	Deep black	260-290	40-75	360-430	Fallow	2nd Wk. Feb.-24	1st wk. May-24	1280.5	65
Groundnut	Summer-24	RF	Deep black	260-290	40-75	360-430	Fallow	2nd Wk. Feb.-24	4thwk. May-24	1280.5	65
Pigeon pea	Kharif-24	RF	Deep black	260-280	55-57	350-405	Fallow	3rd Wk. June-24	1st wk. Dec-24	1280.5	65
Chickpea	Rabi-2023-24	RF	Deep black	265-285	55-75	360-450	Fallow	1st Wk. Nov.-23	1st wk. Feb.-24	1280.5	65
Green gram	Summer-24	RF	Deep black	260-275	45-75	360-420	Fallow	2nd Wk. Feb.-24	1st wk. May-24	1280.5	65

Paddy (T.P)	Kharif-24	RF	Deep black	270-280	45-75	360-420	Fallow	2ndWk. Jul-24	2nd wk. Oct.-24	1280.5	65
Paddy (Drilled)	Kharif-24	RF	Deep black	260-280	45-65	340-460	Fallow	3rd Wk. June-24	4th wk. Sep.-24	1280.5	65
Cotton	Kharif-24	RF	Deep black	270-290	45-65	360-420	Fallow	3rd Wk. June-24	1st wk. Jan.-24	1280.5	65
Indian bean	Late Kharif-24	Irrigated	Deep black	250-270	45-65	360-430	Fallow	3rd Wk. Sept-24	4th wk. Dec.-24	1280.5	65

Technical Feedback on the demonstrated technologies

Discipline	S. N.	Feed Back
Crop Production and Plant Protection	1	GJG-32 variety of groundnut is early maturing, and less affected by leaf spot.
	2	Sesame GT-6 gave higher yield and seeds is white in colour and bolder in size.
	3	Soybean NRC-37 having more pod formation and have no pod shattering.
	4	BT Cotton H -10 having a greater number of balls with high yield.
	5	Paddy GR-16 (Tapi) is a dwarf, non-lodging and stem is thick.
	6	Stem borer attack was less in Purna variety of drilled paddy
	7	Pigeon pea GT-105 having low wilt as compared to local variety.
	8	Low incidence of wilt was observed in Chickpea GJG-5.

Farmers' reactions on specific technologies

Discipline	S. N.	Feed Back
Crop Production	1	GJG-32 variety of groundnut is high yielding, bold seeded fetching good price and more haulm yield
	2	NRC-37 variety of soybean gave higher number of pods and more yield as compared to local.

	3	Sesame GT-6 is bold seeded and early maturing.
	4	GT-105 variety of pigeon pea is bold seeded and early maturing.
	5	Paddy Purna gave more tillering and high yielding ability under drilled condition.
	6	Chickpea GJG-5 having bold seeded and getting high market price.
Plant protection	7	BT cotton H-10 having a greater number of bolls and less sucking pest problem.
	8	GM-6 variety of green gram resistant to yellow mosaic disease and bold seeded, fetching good price in the market.
	9	Indian bean (GNIB-22) gave higher number of tillering (8-10) with 15-20 numbers of pods per tiller.
	10	GNIB-22 is early maturing with a greater number of pods.

Extension and Training activities under FLD

Sl. No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1.	Field day	Field day on strawberry (winter season) at Andu-Dediapada	03-02-2024	30	
		Field day kitchen garden	27-02-2024	30	
		Field day on green gram GM-7 under adaptive trial. At Gajargota Dediapada	15-05-2024	27	
		Field day on crop green gram variety GM-5 at Andu Dediapada	20-05-2024	50	
		Field day on pearl millet. Verity MH-17 at Ghantoli Dediapada	27-05-2024	55	
		Celebration of field day on paddy GRH-2 at Nanisingloti, Ta. Dediapada	24-10-2024	22	
		Celebration of field day on paddy GRH-2 at Motisingloti, Ta. Dediapada	24-10-2024	22	
		Celebration of field day on paddy GNR-9 at Kokam, Ta. Dediapada	24-10-2024	21	
		Celebration of field day on groundnut GJG-32 at boripitha	18-10-2024	21	

		Celebration of field day on paddy thresher at Vill. Gajargota, ta. Dediapada	13-11-2024	35	
		Celebration of field day on kitchen garden at Vill. Gajargota, ta. Dediapada	13-11-2024	25	
2	Farmers Training	Input Distribution/FLD Training Crop Variety Groundnut GJG - 32	19-06-2024	52	
		FLD Input Distribution Crop - Pigeon Pea Variety - GT 105	01-06-2024	14	
		FLD Input Distribution Crop - Paddy Variety GAR -13, GNR - 6, Tapi, Purna.	12-06-2024	20	
		FLD Input Distribution Crop - Soybean Variety NCR - 37	20-06-2024	29	
		Scientific Cultivation of Pigeon Pea (FLD)	11-06-2024	50	
		Off campus training cum FLD training programme at Andu, Ta. Dediapada	06-02-2024	70	
		FLD training on green gram cultivation variety GM 6	08-02-2024	65	
		Scientific Cultivation of Paddy and Input Distribution variety - GR 18	19-06-2024	52	
		Input Distribution Crop - Paddy Variety Tapi & Purna	27-06-2024	50	
		Distribution of Input variety - H 10 Crop Cotton	12-06-2024	20	
		FLD Input Distribution Crop - Paddy Variety GAR -13, GNR - 6, Tapi, Purna	28-06-2024	50	
		FLD Input Distribution Crop - Soybean Variety NCR - 37	11-06-2024	50	
		Imp. Paddy Crop in Kharif Season & Seed Distribution	01-07-2024	20	
		Scientific Cultivation of Cotton (KVK) & FLD Distribution (Cotton)	12-07-2024	20	
3	Media coverage	Farmers should practice natural agriculture **Gujarat /Sandesh**	26/06/2024	01	
		Farmer of Dediapada became aatmanirbhar by practicing natural farming	20/07/2024	01	
		Training in eco- friendly rakhi making started in dediapada **Bharuch – Narmada**	-	01	
		Women receiving Vocational training in Dediapada	-	01	

		" Krushak suwern samriddhi" week celebrations begin at Dediapada , Krushi vigyan kendr in the presence of MAL – Dediapada, **Sandesh**	-	01	
		" Krushak suwern samriddhi" week celebrations at Dediapada	-	01	
		Women's camp held in bedapadi village of Sagbara Taluka ,	-	01	
		Extensive daage to paddy crops in Dediapada – sagbara taluka ,	-	01	
		A farmer from rambhva village in dediapada taluka turned to natural farming ' **Sandesh**	-	01	
		A 2- day workshop was held at krushi vigyan kendr dediapada, **Sandesh**	06/01/2025	01	
		Scientific Advisory Committee meeting held in dediapada, **Sandesh**	06/03/2025	01	
4	Training for extension functionaries	In service training to Krishi sakhi on natural farming	05-08-2024 to 09-08-2024	20	
		Strengthening SHG for natural farming	19-11-2024	34	
		Awareness program on Natural farming vegetable crops	28-02-2024	51	
		natural farming	16-03-2024 to 21-03-2024	21	
		krushi sakhi natural farming	16-03-2024 to 21-03-2024	21	

C. Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs. /ha)				Economics of check (Rs. /ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut (Kharif – 24)	ICM	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre),	GJG-32	25	10	21.9	15.7	22.9	16.8	36.31	28476	96071	67595	3.37	27796	63472	35946	2.29
Soybean (kharif-24)	ICM	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre),	NRC-37	25	10	19.8	17.5	19.1	13.8	38.41	27752	65210	37458	2.35	26154	49325	23171	1.89
Sesame (Sum.–24)	ICM	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre),	GT-6	12	05	11	8.3	9.8	7.4	32.43	26580	53210	26630	2.01	25450	40098	14648	1.57

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Frontline demonstrations on oilseed crops (Model Village)

Crop	Thematic Area	Technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs. /ha)				Economics of check (Rs. /ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut (Kharif – 24)	ICM	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre),	GJG-32	25	10	21.8	16.7	20.4	16.2	25.93	28656	89956	61300	3.14	27780	60743	32963	2.19

Soybean (kharif-24)	ICM	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre),	NRC-37	75	30	21.9	17.3	19.8	14.9	32.89	27800	65738	37938	2.36	26200	49985	23785	1.91

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

Crop	Thematic Area	Technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs. /ha)				Economics of check (Rs. /ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Pigeon pea (kharif – 24)	ICM	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre),	GT-104	25	10	19.8	17.5	18.9	14.8	27.70	28540	79254	50714	2.78	27700	62223	34513	2.25
Green gram (Sum.–24)	ICM	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre),	GM-6	75	30	13.1	10.0	11.1	8.3	33.73	28253	59268	31015	2.09	25351	43452	18101	1.71
Chickpea (Rabi 23-24)	ICM	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre),	GG-5	75	30	17.1	14.5	16.2	12.0	35.0	29978	84530	54552	2.82	26925	63890	36965	2.37
Black gram (Sum.–24)	ICM	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre),	GAU-4	10	05	12.0	10.9	9.1	7.2	26.39	28105	58161	30056	2.1	25201	43360	18159	1.72

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs. /ha)				Economics of check (Rs. /ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Cereals																			
Paddy (kharif – 24)	ICM	Improved variety (GNR-9)	25	10	54.50	44.50	49.45	34.20	44.59	40-48 tiller/pl	20-34 tiller/pl	23600	69232	45633	2.93	21788	47885	26098	2.20
Paddy (kharif – 24)	ICM	Improved variety (Mahatma)	25	10	55.80	42.60	52.20	34.40	51.74	45-50 tiller/pl	20-38 tiller/pl	24700	67998	43298	2.75	23303	50311	27008	2.16
Paddy (kharif – 24)	ICM	Improved variety (Devli kolam)	25	10	55.40	42.0	51.36	37.1	18.53	45-50 tiller/pl	20-38 tiller/pl	24710	67816	43106	2.74	23300	51651	28351	2.22
Paddy (kharif – 24)	ICM	Improved variety (PURNA)	25	10	24.20	15.80	19.94	13.23	50.72	32-44 tiller/pl	15-24 tiller/pl	16280	39880	23600	2.45	15300	26460	11160	1.78
Paddy (kharif – 24)	ICM	Improved variety (TAPI)	25	10	23.80	18.70	20.46	13.25	54.42	35-45 tiller/pl	15-24 tiller/pl	17510	40918	23408	2.34	16425	26495	10070	1.63
Vegetables																			
Indian Bean (late kharif – 24)	ICM	Varietal (GNIB-22)	50	6	33.1	20.2	29.8	24.2	23.14	8-10 tillers/pl, 14-17 pods/pl	4-6 tillers/pl, 14-17 pods/pl	26650	86725	60075	3.25	27525	76300	48775	2.77
Commercial Crops																			
Cotton (kharif – 24)	ICM	Improved variety (H-10)	50	20	16.1	19.8	17.7	13.7	29.20	41 No. of balls/pl; Mean 9-21 sucking pests/pl	30 No. of balls/pl; Mean 26-32 sucking pests/pl	31767	91953	60187	2.90	29280	70.997	41717	2.43

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Frontline Demonstration on Nutri cereals

Crop	Thematic Area	Technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs. /ha)				Economics of check (Rs. /ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Sorghum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Dairy																	
Poultry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep & Goat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vaccination	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

FLD on Fisheries – Nil

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Common Carps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feed Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

FLD on Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.) or Rs./unit				Economics of check (Rs.) or Rs./unit			
				Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oyster Mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Button Mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maize Sheller	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi Compost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Check
-	-	-	-	-	-

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% Change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE:*One time investment (machine cost) for paddy thresher.
** labour cost calculated as per university labour wages.

FLD on Other Enterprise: Kitchen Gardening

Nutrition garden components	Thematic area	Area (sq mt)	No. of Farmer	No. of Units	Yield (Kg)- supply of vegetables, fruits, etc from KG in the year		% change in yield	Household size (number)		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check*		Demo	Check	Gross Cost	Gross Return/Savings*	Net Return	BCR (R/C)	Gross Cost	Gross Return/ Savings*	Net Return	BCR (R/C)
Seed & seedlings of Fruit & vegetables	Health & Nutrition Management	12	50	50	82.30	50.40	64.35	-		3350	8850	5500	2.64	1550	2950	1400	1.90

FLD on Demonstration details on crop hybrids

Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average						
Oilseed crop	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulse crop	-	-	-	-	-	-	-	-	-	-	-	-	-
Cereal crop	-	-	-	-	-	-	-	-	-	-	-	-	-
Vegetable crop	-	-	-	-	-	-	-	-	-	-	-	-	-
Fruit crop	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (specify)	-	-	-	-	-	-	-	-	-	-	-	-	-

Note : Remove the Enterprises/crops which have not been shown

3.4. Training Programmes (Online programmes if any should be included under On Campus category)

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0
Soil & water conservation	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (Awareness programme GKMS)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
II Horticulture										
a) Vegetable Crops										
Production of low value and high value crops	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of	0	0	0	0	0	0	0	0	0	0

Orchards										
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
f) Spices										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GT (a-g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
III Soil Health and Fertility Management										
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IV Livestock Production and Management										
Dairy Management	01	0	0	0	15	30	45	15	30	45
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Goat farming	01	0	0	0	28	32	60	28	32	60
Animal Nutrition Management	01	0	0	0	2	18	20	2	18	20
Disease Management	01	0	0	0	15	27	42	15	27	42
Feed & fodder technology	01	0	0	0	9	25	34	9	25	34
Production of quality	01	0	0	0	0	66	66	0	66	66

animal products										
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**6**	**0**	**0**	**0**	**69**	**198**	**267**	**69**	**198**	**267**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	03	0	0	0	35	144	179	35	144	179
Design and development of low/minimum cost diet	03	0	0	0	52	104	156	52	104	156
Designing and development for high nutrient efficiency diet	03	0	0	0	25	95	120	25	95	120
Minimization of nutrient loss in processing	03	0	0	0	25	65	90	25	65	90
Processing and cooking	01	0	0	0	04	20	24	04	20	24
Gender mainstreaming through SHGs	02	0	0	0	117	53	170	117	53	170
Storage loss minimization techniques	02	0	0	0	02	63	65	02	63	65
Value addition	01	0	0	0	0	35	35	0	35	35
Women empowerment	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	02	0	0	0	70	65	135	70	65	135
Rural Crafts	01	0	0	0	28	12	40	28	12	40
Women and child care	0	0	0	0	0	0	0	0	0	0
Others (NICRA)	04	0	0	0	85	109	194	85	109	194
Total	**25**	**0**	**0**	**0**	**443**	**765**	**1208**	**443**	**765**	**1208**
VI Agril. Engineering										
Farm Machinary and its maintenance	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0

Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection										
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0

Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics										
Leadership development	03	0	0	0	48	26	74	48	26	74
Group dynamics	03	0	0	0	87	74	161	87	74	161
Formation and Management of SHGs	03	0	0	0	22	48	70	22	48	70
Mobilization of social capital	03	0	0	0	101	46	147	101	46	147
Entrepreneurial development of farmers/youths	04	0	0	0	118	87	205	118	87	205
WTO and IPR issues	04	0	0	0	109	216	325	109	216	325

Others (TWTC)	13	0	0	0	247	290	537	247	290	537
Total	**33**	**0**	**0**	**0**	**732**	**787**	**1519**	**732**	**787**	**1519**
XI Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**64**	**0**	**0**	**0**	**1244**	**1750**	**2994**	**1244**	**1750**	**2994**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	**No. of courses**	**Participants**								
		Others			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
I Crop Production										
Weed Management	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0
Soil & water conservation	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (Awareness programme on GKMS)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
II Horticulture										
a) Vegetable Crops										
Production of low value and high	0	0	0	0	0	0	0	0	0	0

valume crops										
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	0	0	0	0	0	0	0	0	0	0
e) Tuber crops	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
f) Spices										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GT (a-g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
III Soil Health and Fertility Management										
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0

Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IV Livestock Production and Management										
Dairy Management	01	0	0	0	26	07	33	26	07	33
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	01	0	0	0	30	10	40	30	10	40
Production of quality animal products	01	0	0	0	8	53	61	8	53	61
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**03**	**0**	**0**	**0**	**64**	**70**	**134**	**64**	**70**	**134**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	01	0	0	0	0	30	30	0	30	30
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0
Minimization of	0	0	0	0	0	0	0	0	0	0

nutrient loss in processing										
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	01	0	0	0	40	20	60	40	20	60
Women empowerment	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	01	0	0	0	0	30	30	0	30	30
Women and child care	0	0	0	0	0	0	0	0	0	0
Others (NICRA)	02	0	0	0	42	39	81	42	39	81
Total	**05**	**0**	**0**	**0**	**82**	**119**	**201**	**82**	**119**	**201**
VI Agril. Engineering										
Farm Machinery and its maintenance	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection										
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0

Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0

Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics										
Leadership development	01	0	0	0	14	15	29	14	15	29
Group dynamics	01	0	0	0	24	0	24	24	0	24
Formation and Management of SHGs	01	0	0	0	26	25	51	26	25	51
Mobilization of social capital	01	0	0	0	25	132	157	25	132	157
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	04	0	0	0	197	87	284	197	87	284
Total	**08**	**0**	**0**	**0**	**286**	**259**	**545**	**286**	**259**	**545**
XI Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**16**	**0**	**0**	**0**	**432**	**448**	**880**	**432**	**448**	**880**

Farmers' Training including sponsored training programmes – CONSOLIDATED (On + Off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0
Soil & water conservation	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (Awareness programme GKMS)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
II Horticulture										
a) Vegetable Crops										
Production of low value and high value crops	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and	0	0	0	0	0	0	0	0	0	0

Management of Orchards										
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
f) Spices										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value	0	0	0	0	0	0	0	0	0	0

addition										
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GT (a-g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
III Soil Health and Fertility Management										
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IV Livestock Production and Management										
Dairy Management	2	0	0	0	41	37	78	41	37	78
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Goat farming	1	0	0	0	28	32	60	28	32	60
Animal Nutrition Management	1	0	0	0	2	18	20	2	18	20
Disease Management	2	0	0	0	45	37	82	45	37	82

Feed & fodder technology	2	0	0	0	17	78	95	17	78	95
Production of quality animal products	1	0	0	0	0	66	66	0	66	66
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**9**	**0**	**0**	**0**	**133**	**268**	**401**	**133**	**268**	**401**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	4	0	0	0	35	174	209	35	174	209
Design and development of low/minimum cost diet	3	0	0	0	52	104	156	52	104	156
Designing and development for high nutrient efficiency diet	3	0	0	0	25	95	120	25	95	120
Minimization of nutrient loss in processing	3	0	0	0	25	65	90	25	65	90
Processing and cooking	1	0	0	0	4	20	24	4	20	24
Gender mainstreaming through SHGs	2	0	0	0	117	53	170	117	53	170
Storage loss minimization techniques	2	0	0	0	2	63	65	2	63	65
Value addition	2	0	0	0	40	55	95	40	55	95
Women empowerment	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	2	0	0	0	70	65	135	70	65	135
Rural Crafts	2	0	0	0	28	42	70	28	42	70
Women and child care	0	0	0	0	0	0	0	0	0	0
Others (NICRA)	6	0	0	0	127	148	275	127	148	275
Total	**30**	**0**	**0**	**0**	**525**	**884**	**1409**	**525**	**884**	**1409**
VI Agril. Engineering										
Farm Machinary and its maintenance	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro	0	0	0	0	0	0	0	0	0	0

irrigation systems										
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection										
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0

Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site										
Seed Production	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics										
Leadership development	4	0	0	0	62	41	103	62	41	103
Group dynamics	4	0	0	0	111	74	185	111	74	185
Formation and Management of SHGs	4	0	0	0	48	73	121	48	73	121
Mobilization of social capital	4	0	0	0	126	178	304	126	178	304

Entrepreneurial development of farmers/youths	4	0	0	0	118	87	205	118	87	205
WTO and IPR issues	4	0	0	0	109	216	325	109	216	325
Others (TWTC)	17	0	0	0	444	377	821	444	377	821
Total	**41**	**0**	**0**	**0**	**1018**	**1046**	**2064**	**1018**	**1046**	**2064**
XI Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**80**	**0**	**0**	**0**	**1676**	**2198**	**3874**	**1676**	**2198**	**3874**

Training for Rural Youths including sponsored training programmes (On campus)

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Small scale	0	0	0	0	0	0	0	0	0	0

processing										
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	01	0	0	0	0	25	25	0	25	25
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl. specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**01**	**0**	**0**	**0**	**0**	**25**	**25**	**0**	**25**	**25**

Training for Rural Youths including sponsored training programmes (Off campus)

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0

Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	01	0	0	0	0	30	30	0	30	30
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0

Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl. specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**01**	**0**	**0**	**0**	**0**	**30**	**30**	**0**	**30**	**30**

Training for Rural Youths including sponsored training programmes – CONSOLIDATED (On + Off campus)

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	01	0	0	0	0	30	30	0	30	30
Rural Crafts	01	0	0	0	0	25	25	0	25	25
Production of quality animal products	0	0	0	0	0	0	0	0	0	0

Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl. specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**2**	**0**	**0**	**0**	**0**	**55**	**55**	**0**	**55**	**55**

Training programmes for Extension Personnel including sponsored training (on campus)

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Productivity enhancement in field crops	01	0	0	0	0	20	20	0	20	20
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	01	0	0	0	1	20	21	1	20	21
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0

Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	01	0	0	0	0	34	34	0	34	34
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	01	0	0	0	1	20	21	1	20	21
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	01	0	0	0	30	21	51	30	21	51
Any other (pl. specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**05**	**0**	**0**	**0**	**32**	**115**	**147**	**32**	**115**	**147**

Training programmes for Extension Personnel including sponsored training (off campus)

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and	0	0	0	0	0	0	0	0	0	0

maintenance of farm machinery and implements										
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl. specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Training programmes for Extension Personnel including sponsored training – CONSOLIDATED (On + Off campus)

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Productivity enhancement in field crops	01	0	0	0	0	20	20	0	20	20
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation	01	0	0	0	1	20	21	1	20	21

technology										
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	01	0	0	0	0	34	34	0	34	34
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	01	0	0	0	1	20	21	1	20	21
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	01	0	0	0	30	21	51	30	21	51
Any other (pl. specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**05**	**0**	**0**	**0**	**32**	**115**	**147**	**32**	**115**	**147**

Sponsored training programmes

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Crop production and management										
Increasing production and productivity of crops	01	0	0	0	20	101	121	20	101	121
Commercial production of	01	0	0	0	0	40	40	0	40	40

vegetables										
Production and value addition										
Fruit Plants	0	0	0	0	0	0	0	0	0	0
Ornamental plants	0	0	0	0	0	0	0	0	0	0
Spices crops	0	0	0	0	0	0	0	0	0	0
Soil health and fertility management	0	0	0	0	0	0	0	0	0	0
Production of Inputs at site	0	0	0	0	0	0	0	0	0	0
Methods of protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**02**	**0**	**0**	**0**	**20**	**141**	**161**	**20**	**141**	**161**
Post harvest technology and value addition										
Processing and value addition	01	0	0	0	0	25	25	0	25	25
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**01**	**0**	**0**	**0**	**0**	**25**	**25**	**0**	**25**	**25**
Farm machinery										
Farm machinery, tools and implements	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Livestock and fisheries										
Livestock production and management	01	0	0	0	50	70	120	50	70	120
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Animal Disease Management	0	0	0	0	0	0	0	0	0	0
Fisheries Nutrition	0	0	0	0	0	0	0	0	0	0
Fisheries Management	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**01**	**0**	**0**	**0**	**50**	**70**	**120**	**50**	**70**	**120**
Home Science										
Household nutritional security	01	0	0	0	25	0	25	25	0	25
Economic empowerment of	0	0	0	0	0	0	0	0	0	0

women										
Drudgery reduction of women	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	01	0	0	0	25	0	25	25	0	25
Agricultural Extension										
Capacity Building and Group Dynamics	01	0	0	0	5	30	35	5	30	35
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**01**	**0**	**0**	**0**	**5**	**30**	**35**	**5**	**30**	**35**
GRAND TOTAL	**06**	**0**	**0**	**0**	**100**	**266**	**366**	**100**	**266**	**366**

Details of vocational training programmes carried out by KVKs for rural youth (4 or more days)

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Crop production and management										
Commercial floriculture	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Commercial vegetable production	0	0	0	0	0	0	0	0	0	0
Integrated crop management	0	0	0	0	0	0	0	0	0	0
Organic farming	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Post harvest technology and value addition										
Value addition	01	0	0	0	5	17	22	5	17	22
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**01**	**0**	**0**	**0**	**5**	**17**	**22**	**5**	**17**	**22**
Livestock and fisheries										
Dairy farming	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0

Poultry farming	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Income generation activities										
Vermicomposting	0	0	0	0	0	0	0	0	0	0
Production of bio-agents, bio-pesticides,	0	0	0	0	0	0	0	0	0	0
bio-fertilizers etc.	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Rural Crafts	01	0	0	0	1	16	17	1	16	17
Seed production	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Mushroom cultivation	0	0	0	0	0	0	0	0	0	0
Nursery, grafting etc.	0	0	0	0	0	0	0	0	0	0
Tailoring, stitching, embroidery, dying etc.	03	0	0	0	0	49	49	0	49	49
Agril. para-workers, para-vet training	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**04**	**0**	**0**	**0**	**01**	**65**	**66**	**01**	**65**	**66**
Agricultural Extension										
Capacity building and group dynamics	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Grand Total	**05**	**0**	**0**	**0**	**6**	**82**	**88**	**6**	**82**	**88**

3.5. Extension Programmes

Nature of Extension Activity	No. of activities	Beneficiaries		No. of Extension Personnel	Total
		Male	Female		
Awareness Programme	09	342	749	3	1094
Field day	11	134	201	3	338
TV talks / Radio talks	02	0	0	2	2

FLD visit/OFT visit/Diagnostic visits	13	27	30	2	59
BRS / MRS / MSW placement	03	22	13	3	38
Shibir/Mahila shibir	08	825	807	5	1637
Field visits	29	134	35	3	172
Method Demonstration	02	22	60	2	84
Group Meeting/SHG	07	69	100	3	172
Educational / Exposure tour	05	173	438	2	613
Lectures delivered as resource persons	32	1600	2744	5	4349
Advisory Services/ Telephone/whatsup	40	3156	2155	2	5313
Farmers Fair	03	1436	1215	5	2656
Swachta mission	03	10	155	1	166
Farmer Scientist interaction	02	60	84	3	147
Exhibition / Seminar	01	53	100	2	155
Ex-trainees Sammelan	01	0	14	1	15
Farmers visit to KVK	53	1203	1401	5	2609
Technology week / Pkhavada etc.	05	200	361	3	562
Celebrations of important days / Special Days	11	170	453	4	627
Workshop, HRA Training & Seminar etc.	14	377	222	4	603
Total	**254**	**10013**	**11337**	**63**	**21413**

Note- Advisory services includes social media, website, telephonic calls etc.

Details of other extension programmes

Particulars	**Number**
Electronic Media (CD. /DVD)	00
Extension Literature	00
Newspaper coverage	11
Popular articles	06
Abstract	00
Radio Talks	00
TV Talks	02
Animal health camps (Number of animals treated)	00
Social Media (No. of platforms Used)	04
Others (Research paper)	02
Total	**25**

Online activities during year 2024

S. No.	Activity Type	Mode of implementation (Video conferencing / Audio Conferencing / Face book Live / YouTube Live/ Zoom/ Google meet/ Webex etc)	Title of Program	No. of Programmes	No. of Participants / Views
A	**Farmers training**				
	01	0	0	0	0
	Total	**0**	**0**	**0**	**0**
B	**Farmers scientist's interaction programme**				
	01	0	0	0	0
	Total	**0**	**0**	**0**	**0**
C	**Farmers seminars**				
	01	-	-	-	-
	Total	**0**	**0**	**0**	**0**
D	**Expert lectures**				
	01	0	0	0	0
	Total	**0**	**0**	**0**	**0**
E	**Any other (Pl. specify)**				
	01	-	-	-	-
	Total	**0**	**0**	**0**	**0**
	Grand Total (A+B+C+D+ E)	**0**	**0**	**0**	**0**

3.7. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

Production of seeds by the KVKs

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty. (q)	Cost of inputs	Gross income	
Cereals									
Paddy	15/1/2024	28/4/2024	0.40	GRH-2	Seed	1.47	59918/-	29400/-	
Paddy	2/7/2024	8/11/2024	1.6	GR-25 (Mahatma)	Seed	92.00	191380/-	294400/-	
Paddy	16/7/2024	15/10/2024	1.2	GR-16 (Tapi)	Seed	30.80	121432/-	98560/-	

Paddy	10/7/2024	21/10/2024	0.75	Purna	Seed	23.10	90690/-	73920/-	
Paddy	8/7/2024	18/10/2024	1.20	GR-18 (Devali kolam)	Seed	42.70	132535/-	140056/-	
Paddy	26/7/2024	25/10/2024	0.55	GNR-9 (Lalkada Gold)	Seed	18.70	68240/-	59840/-	
Wheat	25/11/2023	30/3/2024	0.40	GW-499	Seed	4.00	7279/-	14000/-	
Sorghum	25/11/2024	10/04/25	0.40	GJ-44 (Madhu)	Seed	4.35	14500/-	23925/-	
Sorghum	25/11/2024	12/04/25	0.40	CSV-55	Seed	9.28	15000/-	51040/-	
Pulses									
Gram	20/11/2023	22/02/2024	1.00	GJG-3	Seed	4.35	15670/-	30450/-	
Gram	23/11/2023	04/03/2024	0.80	GJG-5	Seed	3.90	13890/-	27300/-	
Gram	30/11/2023	08/03/2024	0.80	GJG-6	Seed	4.20	13890/-	29400/-	
Green Gram	19/02/2024	08/05/2024	2.00	GM-6	Seed	8.35	36070/-	100200/-	
Green Gram	28/02/2024	13/05/2024	3.00	GM-7	Seed	14.30	53344/-	171600/-	
Black Gram	28/02/2024	17/05/2024	0.40	GU-3	Seed	0.45	8558/-	5400/-	
Indian beans	20/09/2024	01/02/2025	0.40	GNIB-22	Seed	4.40	40000/-	158400/-	
Oilseeds									
Fibers									
Spices & Plantation crops									
Floriculture									
Fruits									
Vegetables									
Others (specify)									
Sunhemp	23/12/2023	20/04/2024	0.40	Vijay	Seed	3.50	15448/-	22750/-	

Production of planting materials by the KVK

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Fruits	Mango	Kesar	-	1000	60000	Under hardening
		Sonpari	-	500	50000	
Ornamental plants	-	-	-	-	-	-
Medicinal and Aromatic	-	-	-	-	-	-
Plantation Material	-	-	-	-	-	-
	-	-	-	-	-	-
Spices	-	-	-	-	-	-

Tuber	-	-	-	-	-	-
Fodder crop saplings	-	-	-	-	-	-
Forest Species	-	-	-	-	-	-
Others	-	-	-	-	-	-
Total	-	-	-	**1500**	**110000**	-

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilizers	-	-	-	-
Bio-pesticide	-	-	-	-
Bio-fungicide	-	-	-	-
Bio Agents	-	-	-	-
Vermicompost	Vermicompost	2000	16000	Farm use
Others	-	-	-	-
Total	-	**2000**	**16000**	-

Production of livestock materials

Particulars of Live stock	Name of the animal / bird / aquatics	Name of the breed	Type of Produce	unit (no./ lit/kg)	Quantity	Value (Rs.)	No. of Farmers
Dairy animals							
Cows	-	-	-	-	-	-	-
Buffaloes	-	-	-	-	-	-	-
Calves	-	-	-	-	-	-	-
Others (Pl. specify)	Goat	Surati	Kids	No	14	30800	4
Poultry							
Broilers	-	-	-	-	-	-	-
Layers	-	-	-	-	-	-	-
Duals (broiler and layer)	-	-	-	-	-	-	-
Japanese Quail	-	-	-	-	-	-	-
Turkey	-	-	-	-	-	-	-
Emu	-	-	-	-	-	-	-
Ducks	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-
Piggery							
Piglet	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-
Fisheries							
Indian carp	-	-	-	-	-	-	-
Exotic carp	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-
Total					14	30800	4

Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	-	-
Water	-	-
Plant	-	-
Total	-	-

4. Literature Developed/Published (with full title, author & reference)

A. KVK News Letter (Date of start, Periodicity, number of copies distributed etc.)

B. Literature developed/published

Item	Title	Authors name	Seminar/conference /citation	Number
Research paper				
01	Knowledge level of farmers on climate Resilient Agro-technologies in NICRA village (NAAS -5.30)	Dr. M. V. Tiwari & V. K. Poshia	Gujarat Journal of Extension Education Vol: 37 (1) June 2024	01
02	Influence of iron and zinc biofortification on growth and yield of drilled rice (*oryza sativa* l.)	Jinjala V. R., Gudadh N. N., Sonal Tripathi, Chudasama S. D. and Ninama A. R.	International Journal of Environment and Climate Change, vol. 10, Issue 14, Page 141-156	01
Technical reports		SAC, MPR, AAP, APR, ZREAC, NAU Spectrum, AGRESCO etc.,		01
Popular articles				
01	*Employment generation through Black Gold*	Dr. M. V. Tiwari & Dr. V. K. Poshia	Agrigate –An international multidisciplinary e-magazine, Sept-2023 2024 vol- (9) 412-415	01
02	*Soyabean (NRC-37) A promising improved variety to augment soyabean productivity in tribal area*	Dr. M. V. Tiwari & Dr. V. K. Poshia	Agrigate – An international multidisciplinary e - magazine, Sept-2023 2024 vol- (9) 412-415	01
03	*Baarish ke mausam me failne wala pashujany rog- leptospirosis*	Dr. M. V. Tiwari, Dr. D. B. Bhinsara & Dr. H. U. Vyas	Krishakbharti, vol-10 pp-49, august-2024	01
04	*Little spaces provide nutrition security for households through kitchen garden*	Dr. M. V. Tiwari & Dr. V. K. Poshia	Agrigate – An international multidisciplinary e - magazine vol-4 (7) July-2024, 177-179	01
05	*A Manageable, Model for food Security and diversity*	Dr. M. V. Tiwari & Dr. V. K. Poshia	Agrigate – An international multidisciplinary e - magazine vol-4 Issue	01

			No:09 September-2024, 177-179	
06	*Anajno surakhist sangrah*	Dr. M. V. Tiwari, Dr. V. R. Jinjala & Dr. H. U. Vyas	Narmada kishan parivar part, oct. -2024	01
TOTAL				**09**

C. Details of Electronic Media Produced

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

D. Details of Social Media Platforms Created / Used

S. No.	Type of social media platform	No of events (uploaded video/post/story etc.	Title of social media	Number of Followers/ Subscribers
1	YouTube Channel (no of video uploaded)	1 short Video	Feedback on Agro-met Advisory	33
2	Facebook page/ Account (no of Post)	3	Abnormal Weather	04
3	Mobile Apps			
4	Whats App groups	55 What's app messages	Agro-met Advisory	5313
5	Twitter Account	9	Weather alert	22
6	Any other (Pl. Specify)			

D. SUCCESS STORIES/CASE STUDIES, if any (two or three pages write-up on each case with suitable action photographs. The Success Stories / Case Studies need not be restricted to the reporting period).

1. Chick pea variety GG-3 suitable for Rain fed area

Name	**:**	Mrs. Geetaben Rajeshbhai Vasava
Village	**:**	Andu, Taluka: Dediapada, District: Narmada
Age	**:**	33 years old
Education	**:**	10th Std.
Land holding	**:**	1 acres

1. Situation analysis

In tribal areas, the farmer practices conventional farming with low productivity. The rainfed crops grown by tribal farmers include paddy, sorghum, maize, pigeon pea, chickpeas and other legumes as a single crop, mixed or intercrop. In monsoon, paddy is the main crop in the area as rice is the staple food in the area. Then in winter chickpea crop is also grown especially in moist black

soil in Narmada district. It has been observed that the area still lacks suitable improved varieties. To rectify this situation tribal farmer need to increase the use of improved varieties.

2. Technology, implementation and support

In view of the above situation, Krishi Vigyan Kendra, Narmada decided to give frontline demonstrations in the adopted villages of Narmada district. Improved variety of chickpea GG-3 was selected for FLDs during the year 2024-25. Most of the farmers used local chick pea seeds. This was compared as a check plot to compare with the yield of the demonstration plot. These demonstrations were held in a total area of 50 hectares. In which 125 farmers have benefited. The selected farmers were first trained on scientific cultivation of chick peas. The technical knowledge of farmers in tribal areas is very poor. Therefore, it was decided to demonstrate the scientific method of seed treatment and at the same time training and other activities were organized from time to time as per other requirements. Apart from this, regular visits were also made to the farmers' farms. In addition, the extension activities carried out by KVK and the information which helped in enhancing the skills of the farmers in adopting this variety are shown in the table below.

SR. NO.	YEAR	ACTIVITIES	PARTICIPANTS
1	2023-24-2024-25	On campus training	75
		Off campus training	200
		FLD visits	45
		Group meeting	05
		Method demonstration	02
		Diagnosis field visit	35
		Field day	06

3. Uptake, spread and benefits

Most of the farmers in Narmada district were cultivating local and old varieties in the conserved moist soil. Therefore, in the demonstration plot we have introduced the improved variety of chickpea GG.-3, Organic Fertilizers (Rhizobium, PSB, KMB), and Supplementary Fertilizers (NOVEL) were used as per recommendation:



Improved variety of chickpeas (GG-5) demonstration plot.

Among other farmers in the village, Smt. Geeta Ben Vasava has got 12.5 quintals/hectare in demonstration plot. In which improved technology module i.e. improved chickpea G.G.-3 varieties

of seeds, for sowing method proper spacing (30cm) from furrow to furrow, seed treatment (Bavistin@5g/kg seed), recommended dose of fertilizer (20:20:50 NPK kg/ha) special care was taken.

Last year, chick pea yield was only 300-1000kg/ha. However, the highest yield was found 12.5 quintals/ha. In demonstration plot. Comparing the CBR score, it was found to be 1:3.10 in the demonstration plot during the year, while it was 1:1.31 in the local check.

Technical support/operation: -

Specific technology	Yield (q/ha)	Cost of cultivation (rs/ha)	Gross income (rs/ha)	Net income (rs/ha)	B:C ratio
Yield of previous method	13.8	15000	42800	25400	1.71
Yield chickpea variety (GG-3) demonstration plot by the farmer	16.7	16500	48100	33600	2.19
Increase in yield(%)	22.7				

This technology is gaining moment um among district through constant contact by the scientists of Krishi Vigyan Kendra, Narmada and FLD, following the advice instructions and timely guidance. Adoption of this technology also increased the living standard of farmers.

2. SUCCESS STORY IN FISH FARMING

Name	**:**	Mr. Vasava Rajeshbhai Dashariyabhai	
Village	**:**	Andu, Taluka: Dediapada, District: Narmada	
Age	**:**	39 years old	
Education	**:**	10^{th} Std.	
Land holding	**:**	1 acres	

Background

In a state where people claim fate is more important for success, the success story of a veteran farmer from Andu an interior village of Dediapada district is a shining example of how technologically and innovative cultivation methods can transform the agrarian economy and uplift the lives of millions of farmers.

Intervention

It had been an incredible journey for Rajeshbhai who in 2024 entered the world of fisheries and allied activities. For a year he travelled to various villages and hamlets nearby. He realized that in this modern and populated world, there are a lot of traditional ways to meet the demand for food which the farmers are relying upon to grow their crops. He got himself involved in fisheries through excavation of a fish pond of 72×24 meter. Technical and financial support was provided by the Dediapada KVK Department.

The man got himself fully involved fish culture. Looking for a way to increase his earnings, Rajeshbhai started selling fish which added an extra income to his savings. He procured fish seed from center of excellence department ukai Gujarat through KVK which after growing out to table

sized in his ponds are sold to retailers and wholesalers. He is planning further to develop more tanks to boost fish production in the upcoming years.

Support and Encouragement

"This could not have been possible without the support, service, technical help and motivation from the Krushi vigyan kendr Dediapada," says Rajeshbhai. In the beginning he was not so sure about the tools and techniques for fish farming except some traditional ways. His interest in fish farming helped him to cope with the growing trends of fish farming. The krushi vigyan kendr scientist & expert from COE, Ukai also helped with in various ways to set up his farming, Strengthened his farming with modern technologies.

A Bigger Business

Besides fisheries and agriculture he had also been engaged in agriculture & horticulture till now. The farmer has grown Mango, drumstick , Cashewnut, along the sides of the pond which in turn provide an extra source of income. He never compromises with the norms for quality and quantity of his farming throughout the year which is the key factor for his success in aquaculture. As fresh fish is highly demanded in the markets of his locality, marketing is not a problem for him. He is planning further to develop more number of fish culture ponds as profit is comparatively more in fish culture than other agriculture practices.

Fish Culture Activities

The fish varieties arerohu&mrigal etc. Feed is applied daily @ 2-3% of the fish biomass. De-oiled rice bran, oil cakes, sesamum oil cake along with pellet feeds in bag method is practiced. He is adopting the method of producing fermented products and applying to fishes for better growth.

His earnings from fish culture was 11000/- ru. within six months. In future days It is projected that, the farmer is benefited from high income through the composite fish culture practice. It could be concluded that the man is now a fisheries entrepreneur and a community role model in fisheries.

A Community Role Model

In the recent years**,** Rajeshbhai and his family have undergone a remarkable change, emerging as role models in their village and nearby areas. He has been instrumental in encouraging about a dozen more villagers to become fish farmers – there's more than enough demand in their local area.

Local agencies, KVKs, farmers and other allied departments organize demonstration programmes in his model fish farm. He had promoted the concept of using quality fish seeds, use of advanced fingerlings, and pelleted fish feed based on his experiences and the training that he had experienced by the KVK & COE, in fish farming ukai Gujarat.

No	Year	Production(ha)	Gross income (ru.)
1	2022-23	55 kg	11000/-







3. SOYBEAN (NRC-37): A PROMISING IMPROVED VARIETY TO AUGMENT SOYBEAN PRODUCTIVITY IN TRIBAL AREA

Name	**:**	Mr.NarpatbhaiTarsignbhaiVasava	
Village	**:**	At & Po: Bebar, Talkua: Dediapada,	
Age	**:**	36 years old	
Education	**:**	Graduation (B.A)	
Land holding	**:**	Total 4 Acre 3 (Irrigated) + 1 (un irrigated)	

Technology Module:

Improved Varieties	:	NRC-37
Seed Rate/ha	:	60 kg
Seed Treatment	:	Carbendazim + Thiram (1+2 gm/kg seed) and Bio- fertilizers like

		Rhizobium (1 L/acre), PSB (1 L/acre), KMB (1L/acre)
Sowing Time	:	last week of June to first week of July
Spacing (cm)	:	45-60 cm X 2.5 cm
Irrigation with stages	:	3 times immediately after sowing, Flower initiation, pod filling mostly required. 30 DAS and 45 DAS.
Moisture Conservation Practices Followed	:	Use of Broad Bed Furrow Planter for sowing (removal of excess water through furrow during heavy rain & also irrigation in furrow during less rainfall
Fertilizer Application	:	20:80:40 NPK kg/ha, 40 kg of Sulphur as Gypsum 220 kg/ha as basal.
Insect/pest Management Practices	:	Neem oil 1500 ppm @ 50ml/pump and use of Pheromone traps @5/ha for leaf folder and pod borer.
Weed Control	:	Hand weeding and thinning operation done after 30DAS. Pre emergence (PE): Pendimethalin @ 1.0-1.5 a.i./ha in 500-600 litre of water.
Harvesting	:	95-110 DAS
Existing Cropping Systems	:	Sole crop only.

Farming situation :-

Soybean (Glycine max L. Merril) is the world's most important seed legume, which contributes to 25 % of the global edible oil, about two-thirds of the world's protein concentrate for livestock feeding. Soybean is now predominantly grown as rain fed crop in vertisols and associated soils with an average crop season rainfall of 900 mm.

Climatic vulnerability:-

Soybean grow best where the daytime temperature averages between 60^0F to 70^0F (16 -21 ^{0}C). Soybean is not frost-tolerant. In Narmada district have two agro climatic zones. South Gujarat Zone II, AES-I (Dediapada, Sagbara, Garudeshvar & Nandod) with Rainfall: 1000-1250 mm and Middle Gujarat Zone III, AES-IX (Tilakwada) with Rainfall: 900-1000 mm.

Problems identified :-

The non-availability of good quality seeds of high-yielding varieties in the desired quantities in the district. In *Rabi* and summer season, it has been observed that scarcity of irrigation water at later stage is one of the major reasons for low productivity. Besides, poor economic statuses of the tribal farmers inhibit them to purchase major input *like* fertilizers as well as to perform important operation timely. Not only that, unseasonal rainfall at harvesting stage of *Kharif* crops, high temperature in October-November also major reason for delay in sowing of *Rabi* crops. Mostly pulses and oilseeds crop were found wilt and root rot in our district.

Technological intervention in brief :-

The rain fed crops grown by the tribal farmers are drilled paddy, sorghum, pigeon pea and other pulses either single crop, mixed or intercrops. They grow paddy to fulfil food need of the family as rice is the staple food in the tribal region. In case of oilseeds generally; our farmers cultivated Soybean, Groundnut like oilseed crops as sole. This was affected by wilt and root rots most common in our district. Therefore, under demonstration of NMOOP; High yield of demonstration was found due to improved seed Soybean NRC-37 and drenching of NAUROJI NOVEL @ 50-150 ml per 10 L water at vegetative phase and also foliar application of NAUROJI NOVEL (Banana pseudo stem based liquid nutrients) @ 50-150 ml per 10 L water during flowering stage to more pod formation and have no pod shattring

Efforts made by KVK / methodology followed:-

In view of this, Krishi Vigyan Kendra decided to organize Cluster Front Line Demonstrations under NMOOP in adopted villages of Narmada district. Soybean variety NRC-37 was selected under CFLDs from the year 2023 to 2024-25. The farmers' preferred varieties of soybean generally JS-335, GS-2, and mix seed of soybean which is considered as check plots to compare the yield potential of variety under CFLDs i.e. NRC-37. These demonstrations were organized in an area of 30 ha. with the involvement of 75 farmers. The selected farmers were trained for the scientific cultivation of soybean prior to conduct the CFLDs. As in tribal areas, the technical know -how of the farmers is very poor. Therefore, it was decided to conduct method demonstration about the scientific method of seed treatment and simultaneously other concepts were included time to time in the training and other activities.

Sr No	Year	Name of activity	No. of activity	No. of participants
1	2023 to 2024-25	Group meeting	3	63
		On campus training	5	121
		Off campus training	4	101
		FLD visit	5	13
		Diagnostic visit	3	05
		Field day	2	78

FLD on Soybean NRC-37

Output, Outcome and Impact of the Intervention:-

Output:- Most of the farmers in Narmada district preferred to grow soybean varieties like JS-335 and old variety. Whereas, we were given improved variety like NRC-37 with, banana pseudo stem liquid (NOVEL), botanicals like Neem oil (1500ppm) and bio pesticides (like Trichoderma, Pseudomonas). Among all the farmers Mr. Narpatbhai Tarsignbhai Vasava obtained 19.8 Q/ha yield of soybean with improved technology module i.e. Seed of Improved variety NRC-37, Sowing method with proper distance (45 x 10 CMS) with row to row, Seed treatment (Carbendanzim @3 gm/kg seed), Recommended dose of fertilizers (20:40:00 NPK kg/ha).

Outcome:-The yield of soybean during previous years was to the tune of 1012 to 1505 kg/ha only. Whereas, the highest yield was observed in the demonstration field of Mr. Narpatbhai Tarsignbhai

Vasava with the variety of NRC-37 i.e. (19. 8 Q/ha) which clearly indicated the superiority and suitability of variety.

Specific Technology	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Previous yield with local variety	14.9	26200	49985	23785	1.90
Yield after adoption of cultivar NRC-37	19.8	27800	65637	37837	2.36
% Increase in Demonstration plot	33.78				

Impact:- Mr. Narpatbhai Tarsignbhai Vasava fetched more prices in the market, Not only had that he enriched himself about the difference between the characteristics of improved varieties which demonstrated under the CFLDs. Soybean (NRC-37) having special features like Non-shattering, white colour flower and presence of hairs on pods which led to low insects -pests attacks. As well as required less water and having early maturity, higher fodder yield as compared to local variety.

4. Title of the technological intervention: Improved technology Groudnut-GJG-32: Better option for Empowering the tribal farmer

Name	**:**	Kalpanaben Mahendrabhai Vasava,	
Village	**:**	At & Po: Boripitha, Talkua: Dediapada, District: Narmada (Gujarat),	
Age	**:**	36 years old	
Education	**:**	up to 10th std.	
Land holding	**:**	Total 5 Acre 3 (Irrigated)+2 (un irrigated)	

Technology Module:

Improved Varieties	:	GJG-32
Seed Rate/ha	:	100 kg
Seed Treatment	:	Carbendazim + Thiram (1+2 gm/kg seed) and *Pseudomonas fluorescence, Trichodermaviride*, Cultures of *PhosphoSolublsing bacteria* (PSB), *Potassium mobilizing Bacteria* (KMB) and *Rhizobium*Spp
Sowing Time	:	15 may to 15 of June
Spacing (cm)	:	45 cm X 10 cm
Irrigation with stages	:	Kharif season not apply for irrigation but it does require irrigation facilities are available like Flower initiation, peg formation, pod development stages
Moisture Conservation Practices Followed	:	Use of Broad Bed Furrow Planter for sowing (removal of excess water through furrow during heavy rain & also irrigation in furrow during less rainfall
Fertilizer Application	:	12.5:25:50 NPK kg/ha, PGPR 500gm/ha as Gypsum 125 kg/ha
Insect/pest Management Practices	:	Neem leaves extract 1% solution @ 50ml/pump for control of tikka disease
Weed Control	:	Hand weeding done after 20DAS. Intercultural operation should not be done at peg initiation stage

Harvesting	:	110-115 DAS
Existing Cropping Systems	:	Sole crop only.

Farming situation :-

Groundnut (Arachis hypogaea L.) is the world's most important oil seed crop grown, Groundnut is now predominantly grown as rain fed crop in vertisols and associated soils with an average crop season rainfall of 1250 mm.

Climatic vulnerability:-

Groundnut grow best where the daytime temperature averages between (22 -28^{0}C). In Narmada district have two agro climatic zones. South Gujarat Zone II, AES-I (Dediapada, Sagbara, Garudeshvar & Nandod) with Rainfall: 1000-1250 mm and Middle Gujarat Zone III, AES-IX (Tilakwada) with Rainfall: 900-1000 mm.

Problems identified :-

The non-availability of good quality seeds of high-yielding varieties in the desired quantities in the district. In summer season, it has been observed that scarcity of irrigation water at later stage is one of the major reasons for low productivity. Besides, poor economic statuses of the tribal farmers inhibit them to purchase major input like fertilizers as well as to perform important operation timely. Not only that, unseasonal rainfall at harvesting stage of Kharif crops, Mostly oilseeds crop were found wilt and root rot in our district.

Technological intervention in brief :-

The rain fed crops grown by the tribal farmers are drilled paddy, sorghum, pigeon pea and other pulses either single crop, mixed or intercrops. They grow paddy to fulfil food need of the family as rice is the staple food in the tribal region. In case of oilseeds/pulses generally; our farmers cultivated Groundnut like oilseed crops as sole. This was affected by wilt and root rots most common in our district. Therefore, under demonstration of NMOOP; as bio fertilizers NAUROJI liquids like Rhizobium, PSB and KMB for crop growth.

Efforts made by KVK / methodology followed:-

In view of this, Krishi Vigyan Kendra decided to organize Cluster Front Line Demonstrations under NMOOP in adopted villages of Narmada district. Groundnut variety GJG-32 was selected under CFLDs of Oilseeds village model (OMV) from the year 2024-25, which is considered as check plots to compare the yield potential of variety under CFLDs i.e. GJG-32. These demonstrations were organized in an area of 20 ha. with the involvement of 50 farmers. The selected farmers were trained for the scientific cultivation of Groundnut prior to conduct the CFLDs. As in tribal areas, the technical know -how of the farmers is very poor. Therefore, it was decided to conduct method demonstration about the scientific method of seed treatment and simultaneously other concepts were included time to time in the training and other extension activities.

Sr No	Year	Name of activity	No. of activity	No. of participants
1	2024-25	Group meeting	4	61
		On campus training	6	119
		Off campus training	4	103
		FLD visit	5	11
		Diagnostic visit	13	06
		Field day	6	36

	
FLD on Groudnut-GG32	**Celebration of field day**

Output, Outcome and Impact of the Intervention:-

Output:-Most of the farmers in Narmada district preferred to grow Groundnut varieties old variety. Whereas, we were given improved variety like GJG-32with bio fertilizers (like Rhizobium, PSB, KMB), banana pseudo stem liquid (NOVEL).,Among all the farmers Smt. Kalpanaben Mahendrabhai Vasava obtained 22.05 Q/ha yield of Groundnut with improved technology module i.e. Seed of Improved variety GJG-32, Sowing method with proper distance (45 x 10 CMS) with row to row, Seed treatment (Carbendanzim+thirum@3 gm/kg seed), Recommended dose of fertilizers (12.5:25:50 NPK kg/ha).

Outcome:- The yield of Groundnut during previous years was to the tune of 1550 kg/ha only. Whereas, the highest yield was observed in the demonstration field of Smt. Kalpanaben Mahendrabhai Vasava with the variety of GJG-32 i.e. (22.05 Q/ha) which clearly indicated the superiority and suitability of variety.

Specific Technology	**Yield (q/ha)**	**Gross cost (Rs/ha)**	**Gross income (Rs/ha)**	**Net income (Rs/ha)**	**B:C ratio**
Previous yield with local variety	18.10	27800	77658	49858	2.79
Yield after adoption of cultivar GJG-32	22.05	28950	95236	66286	3.28
% Increase in Demonstration plot	31.08				

Impact:- Smt. Kalpanaben Mahendrabhai Vasava fetched more prices in the market as compared to others. Groundnut (GJG-32) having special features like it has high yielding, Spanish bunch type, pod size and reticulation are medium, pod beak medium and constriction shallow and having early maturity as compared to local variety.

As a result, this variety horizontally spread in 2 villages covering 100 farmers in 50 ha. during these one year.

E. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year: -Nil-

F. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1	All Pulses	Mixing of Chulah ash during storage.	Chulah ash use for mixing with whole pulses to minimize attack of pulse beetle.
2	All cereals	Plastics ribbies placed in field of jowar, maize etc.	Plastics ribbies placed in field of jowar, maize etc. which act as bird scarer and keep away them field.
3	Chickpea	Installation of 'T' shaped bamboo stands are placed in many places in chickpea fields.	T' shaped bird perches installed in field which allow birds predatory activities and eaten the insects.
4	Tomato	Growing marigold as border crop in tomato fields to control fruit borer attack.	Use marigold as trap crop in field which reduce fruit borer attack in main crop i.e., Tomato
5	Mango	Ripening of Mango	To induce early ripening of mango fruits, used bamboo vessels. fruits covered with paddy straw and paste with cow dung.
6	Pregnancy Diagnosis	Identification of conceiving of milch animals	Absence Symptoms of oestrus in cattle and Buffalo after Artificial insemination
7	Oestrus Detection	Detection of Heat period by oestrus Symptoms	Efficient and profitable reproductive performance of dairy herd requires routine heat detection and proper timing of artificial insemination
8	Animals	Neem tree leaves used as a herbal dewormer	Neem tree leaves used as a herbal anthelmintic for control of nematodes parasite in goats.

Installation of 'T' shaped bamboo stands to allow birds predatory activities and eaten the insects.in chickpea fields.

Neem tree leaves used as a herbal anthelmintic for control of nematodes parasite in goats.


Plastics ribbies placed in field of jowar, maize etc. which act as bird scarer and keep away them field.

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

A. Practicing Farmers

a) On Campus - Group discussion with farmers as well as line department and field visit.
b) Off Campus - Group discussion with farmers as well as line department and field visit.

B. Rural Youth

a) Vocational Training - Group discussion with rural youth as well as line department.
b) Skill Development - Group discussion with rural youth as well as line department.

C. In-service personnel

a) Gram Sevak - Group discussion with rural youth as well as line department.
b) Extension Worker - Group discussion with rural youth as well as line department.

5.2. Indicate the methodology for identifying OFTs/FLDs

For OFT:

i) PRA
ii) Field level observations
iii) Farmer group discussions
iv) Performance of existing technology

For FLD:

v) New variety/technology
vi) Poor yield at farmers level
vii) Existing cropping system

5.3. Field activities

i. Name of villages identified/adopted with block name (from which year) - 2019-20

S. N.	Taluka	Name of the block	Name of the village
1	Nandod	Nandod	Boridra, Aamali, Nani chikhali, Moti chikhali.
2	Tilakwada	Tilakwada	Nimpura, Bunjetha, Utavadi, Gamod.
3	Sagbara	Sagbara	Palasavada, Umaral, Navagam, Javali, Kolvan, Ubhariya, Kherdipada, Barktura,
			Nanadoramba, Motadoramba, Makran, Nana Kakadiamba, Bodvav
4	Dediapada	Dediapada	Kunbar, Rohda, Mulkapada,Vadva, babda
			RelvaBharada, Sabuti, Moskut, Gavalawadi
			Mathasar, Kanzari, Pankhala, Kokam,Vandri.
			Tabda, Zankh, Sajanavav, Bhutbeda.
5	Garudeshvar	Garudeshvar	Khadganda, Dhamdra, Dhaniyala, Dhavali.
			Junvad, Fulvadi, Moti raval,Motaraipura, Suka, Nava vaghpara

ii. No. of farm families selected per village:

No. of farm families	Name of the village
125 (Five per village)	Boridra, Nani chikhali, Moti chikhali, Nimpura, Bunjetha, Palasavada, Kherdipada, Barktura, Nanadoramba, Motadoramba, Nana Kakadiamba, RelvaBharada, Gavalawadi, kham, Bhutbeda, Soliya, Nighat, besana, Khurdi, chikda

iii. No. of survey/PRA conducted: 5

iv. No. of technologies taken to the adopted villages: 17

v. Name of the technologies found suitable by the farmers of the adopted villages:

Crops / enterprises	Names of Cluster Villages identified for intervention	Name of the technologies found suitable by the farmers of the adopted villages
Groundnut	Boripitha, Khairipada, Sorapada, Nani bedvan, Nana sukaamba and Kham	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre),
Soybean	Boripitha, Khairipada, Nani bedvan, Sorapada and Bebar,	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre),
Sesame	Utavali, Nani bedvan, limpura ans moti bedvan	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre),

Pigeon pea	Nani bedvan, Moti singloti, Kanji, Bebar and Gopaliya	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre),
Chickpea	Almavadi, Kanji, Sorapada and Gopaliya	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre), Pheromone trap and lures, 'T' shaped bird perches.
Green gram	Almavadi, Utavali, Gopaliya, Sorapada and Moti singloti	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre), Pheromone trap and lures, 'T' shaped bird perches.
Black gram	Moti bhamri, Kanji and Vandari	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre), Pheromone trap and lures, 'T' shaped bird perches.
Paddy (T.P.)	Kanji, Vandari, Sejpur, Almavadi, Nani singloti, Timarva and Kareli	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre), Pheromone trap and lures, 'T' shaped bird perches.
Paddy (T.P.)	Sorapada, Kokam, Nani bedvan, Baidapani, Khokharaumar and Nani bedvan	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre), Pheromone trap and lures, 'T' shaped bird perches.
Cotton	Taval, Sorapada, Ghodadaivi and Khokharaumar	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre), Pheromone trap and lures, 'T' shaped bird perches, Pheromone, Trap, Acetamiprid, Neem oil 1500ppm, Bavaria bassiana
Indian bean	Moti bhamari, Nani bhamari, Palsi and Rambhav	Improved variety, Banana pseudostem based organic liquid nutrients (NOVEL) (2 L/acre), Pheromone trap and lures, 'T' shaped bird perches.
Kitchen garden	Nani sigloti, Navagam, Bhutbeda, Kham, vedchha, anadu and khokharaumar	Seedlings of vegetables

vi. Impact (production, income, employment, area/technological horizontal/vertical)

1: Impact of FLDs

Name of intervention/ Technology	No of beneficiary	% of Adoption	Change in income (Rs/Unit)	
			Before	After
Sesamum (GT-5)	75	90.67 %	14268/-	23409/-
Soybean (NRC-37)	150	96.67 %	21353/-	35711/-
Chickpea (GG-5)	175	96.00 %	34250/-	51174/-
Green gram (GM-6)	150	94.67 %	13762/-	24671/-
Paddy (GNR-2)	540	92.22 %	30418/-	46432/-
Paddy (GAR-13)	190	95.26 %	28397/-	47617/-
Paddy (GNRH-2)	60	90.00 %	29267/-	49334/-
Paddy (Purna)	51	90.20 %	11271/-	21531/-
Paddy (Tapi)	80	97.50 %	9970/-	23855/-
Indian bean (GNIB-22)	120	93.33 %	54076/-	71486/-

2: Impact (production, income, employment, area/technological horizontal/vertical)

Name of technology	No of farmers	Production (%)	Income (Rs./ha)	Horizontal spared (ha)
Improved variety (cotton, paddy, Pigeon pea, Chickpea, Green gram Groundnut, Soybean, Sesame)	1012	10-40	28500-84500	360
IPM (Pheromone, Trap, Acetamipride, Neem oil 1500ppm, Bavaria bassiana, Cotton, Paddy, Pigeon pea, Brinjal, Chilli)	76	12-15	32500-65000	28
Bio-fertilizers	620	10-30	37000-44000	244
Novel	405	10-20	26000-37500	200
Paddy thresher	11	-	3500-6000	100

vii. Constraints if any in the continued application of these improved technologies

CONSTRAINTS	SUGGESTION
• Vacant post of technical staff. • Transfer policy • Financial problem. • Lack of in infrastructure	• Timely fill up vacant post of technical staff. • Bounded them for 3 years through contractual bond • Timely release of funds and separate fund for farm development should be allocated • Provision of extra fund for KVK building and farmers hostel development

6. LINKAGES

A. Functional linkage with different organizations

Sr. No.	Name of organization	Nature of Linkage
1.	Line Departments of Government of Agriculture/ Horticulture/ Animal Husbandry/ Fishery / department	Khedutsibir, Animal health camp, Sponsored training. In-service trainings and other extension activities, technical support, Participation in meeting
2.	AKRSP (I), NGO, Dediapada	Sponsored training, Mahilasibir, technical support
3.	Main Water Management Research Unit, NAU, Navsari	Collaboration-FLD on Low-Cost Greenhouse
4.	Research Stations, NAU	Participation-Farmers day, Seed-FLDs, etc.
5.	FTC, Rajpipla	Experts lectures
6.	Missionary – NGO	Sponsored training programme, extension activities
7.	Integrated Child Development Services	Organizing In-service training for Anganwadi workers & Technical guest lecture for ICDS Training Centre.
8.	Navsari Agricultural University, Navsari	For Technical products, technical guidance and supports.
9.	Ananad Agricultural University, Anand	For Technical guidance and FLDs input
10.	Junagadh Agricultural University, Junagadh	For Technical guidance and FLDs input

11.	Reliance foundation, Netrang	For Trainings, extension activities and Self Employment training, seed mela
12.	Integrated water shed management programme, Dediapada	For Trainings, extension activities and Self Employment training
13.	Forest department, Dediapada	For Trainings, extension activities and Self Employment training
14.	Jilla ayojanvibhag, Narmada	For Trainings, extension activities and Self Employment training
15.	Prayojanavahivatdar kacheri, Rajpipla	For Trainings, extension activities and Self Employment training
16	GSFC, Dediapada	For Trainings, extension activities and Self Employment training
17	GNFC, Dediapada	For Trainings, extension activities and Self Employment training
18	Fodder research Centre, Dhamrod	For Trainings, extension activities and Self Employment training
20	Salinity research Centre, Bharuch	For Trainings, extension activities and Self Employment training
21	District Industries Center, Narmada	For Trainings, extension activities and Self Employment training
22	Indreka sanshthan, Dediapada	For Trainings, extension activities and Self Employment training
23	Fisheries department, Dediapada	For Trainings, extension activities and Self Employment training
24	NABARD Bank, Rajpipla	For Trainings, extension activities and Self Employment training
25	Swarojgar gramin bank, Rajpipla	For Trainings, extension activities and Self Employment training

B. List special programmes undertaken by the KVK and operational now, which have been financed by State Govt./Other Agencies

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs. In Lakhs)
Agriculture Research Station	2010	State	38.80
Niche crops (Pulse)	2010	State	2.50
Niche crops (Paddy)	2010	State	2.50
Niche crops (Sorghum)	2010	State	2.00
Tribal women training center	2011	State	30.10
Adaptive trial scheme	2012	State	8.12
TSP (Seed)	2010	State	0.40
NICRA	2021	ICAR	7.25
Out scaling of natural farming trough KVKs	2022	ICAR	0.40
SAP	2022	ICAR	0.11
NMOOP (CFLD on Oilseeds)	2017-18	ICAR	18.09
Two day training/workshop on agriculture marketing	2024-24	State	0.72
Hiring of skill labour as computer programmer	2024-25	State	0.67

C. Details of linkage with ATMA

a) Is ATMA implemented in your district: Yes

If yes, role of KVK in preparation of SREP of the district?

Coordination activities between KVK and ATMA

S. No.	Programme	Particulars	No. of programmes attended by KVK staff	No. of programmes Organized by KVK	Other remarks (Farmers)
01	Meetings	04	04	01	-
02	Research projects	-	-	-	-
03	Training programmes	05	05	00	174
04	Demonstrations	01	01	00	50
05	Extension Programmes				
	Kisan Mela	-	-	-	-
	Technology Week	-	-	-	-
	Exposure visit	01	01	00	25
	Farmers-Scientists Interaction	03	03	00	145
	Exhibition	-	-	-	-
	Soil health camps	-	-	-	-
	Joint visit to villages	15	15	00	55
	Farm school	03	03	00	75
	Kisangosthi	05	05	00	235
	Animal Health Camp	-	-	-	-
	Capacity building	-	-	-	-
	Others (Pl. specify)	-	-	-	-
06	Publications	-	-	-	-
	Video Films	-	-	-	-
	Books	-	-	-	-
	Extension Literature	-	-	-	-
	Pamphlets	-	-	-	-
	Others (Pl. specify)	-	-	-	-
07	Other Activities (Pl. specify)	-	-	-	-
	Watershed approach	-	-	-	-
	Integrated Farm Development	-	-	-	-
	Agri-preneurs development	-	-	-	-

D. Give details of programmes implemented under National Horticultural Mission

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Constraints if any
-	Nil	-	-	-	-

E. Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
-	Nil	-	-	-	-

F. Details of linkage with RKVY

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
-	Nil	-	-	-	-

G. Details of linkage with PKVY (Paramparagat Krishi Vikas Yojana)

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
-	Nil	-	-	-	-

H. Details of linkage with NFSM

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
-	Nil	-	-	-	-

I. Details of linkage with SMAF (Sub-mission on Agroforestry)

S. No.	Programme	Nature of linkage	Funds received if any Rs.	Expenditure during the reporting period in Rs.	Remarks
-	Nil	-	-	-	-

7. Convergence with other agencies and departments: -Nil-

8. Innovator Farmer's Meet

Sl. No.	Particulars	Details
1	Have you conducted Farm Innovators meet in your district?	No
2	Brief report in this regard	No

9. Farmers Field School (FFS)

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.	Brief report
-	Nil	-	-	-

10.1. Technical Feedback of the farmers about the technologies demonstrated and assessed:

S. No	Technical Feedback of the farmers
10.1.1	GJG-32 variety of groundnut is early maturing, and less affected by leaf spot.
10.1.2	Sesame GT-6 gave higher yield and seeds is white in colour and bolder in size.
10.1.3	Soybean NRC-37 having more pod formation and have no pod shattering.
10.1.4	BT Cotton H -10 having a greater number of balls with high yield.
10.1.5	Paddy GR-16 (Tapi) is a dwarf, non-lodging and stem is thick.
10.1.6	Stem borer attack was less in Purna variety of drilled paddy
10.1.7	Pigeon pea GT-105 having low wilt as compared to local variety.
10.1.8	Low incidence of wilt was observed in Chickpea GJG-5.
10.1.9	GJG-32 variety of groundnut is high yielding, bold seeded fetching good price and more haulm yield
10.1.10	NRC-37 variety of soybean gave higher number of pods and more yield as compared to local.
10.1.11	Sesame GT-6 is bold seeded and early maturing.
10.1.12	GT-105 variety of pigeon pea is bold seeded and early maturing.
10.1.13	Paddy Purna gave more tillering and high yielding ability under drilled condition.
10.1.14	Chickpea GJG-5 having bold seeded and getting high market price.
10.1.15	BT cotton H-10 having a greater number of bolls and less sucking pest problem.
10.1.16	GM-6 variety of green gram resistant to yellow mosaic disease and bold seeded, fetching good price in the market.
10.1.17	Indian bean (GNIB-22) gave higher number of tillering (8-10) with 15-20 numbers of pods per tiller.
10.1.18	GNIB-22 is early maturing with a greater number of pods.

10.2. Technical Feedback from the KVK Scientists (Subject wise) to the research institutions/universities:

Crop production:
(i) Farmers require high yielding hybrid variety of maize
(ii) Farmers require high yielding bold seeded variety of pigeon pea for vegetable purpose.
(iii) Need to develop ICM for organic farming crops in Narmada district

Plant Prot.:
(i) Need of farmers for sucking pest resistant variety in cotton
(ii) Severe infestation of viral disease in cucurbits mainly bitter guard

Home Sci.:
(i) Need to develop weaning food for malnourish children
(ii) Modification needed in drudgery reduction technologies at university level.

Horticulture:
(i) Great extent of Novel for farmers.
(ii) NPS - 2 is suitable for hilly area.

Animal Science:
(i) Entrepreneurship development through *surti goat* and *kadaknath Poultry*

11. Technology Week celebration during 2024: Yes/No, Yes

11.1 Technology Week celebration.

Period of observing Technology Week	:	23-28 September 2024
Online / Offline	:	Offline
Total number of farmers visited	:	562
Total number of agencies involved	:	05
Number of demonstrations visited by the farmers within KVK campus	:	24

Types of Activity		Date	Number of Participants	Related crop/ livestock technology
23-28 September 2024	Innovative agricultural practices for sustainable farming and livelihood	23/09/2024	102	Kitchen garden
	Crop diversification and best practices. At Vill. - Bedapani, Ta. - Sagbara	24/09/2024	152	Natural farming
	Agri business and value addition. At Vill. - Rignee, Ta. - Nandod	25/09/2024	101	Natural farming
	Livestock management & allied agriculture. At Vill. - Timarva, Ta. - Garudeswar	26/09/2024	106	Drudgery reduction
	Financial and government support for farmers	28/09/2024	101	Kitchen garden
Total			**562**	

12. Interventions on drought mitigation (if the KVK included in this special programme)

A. Introduction of alternate crops/varieties

State	Crops/cultivars	Area (ha)	Number of beneficiaries
Gujarat	Red gold rice (GNR-9/4)	25	60
	Millets (Raagi (GNN-6) & Vari (GNV-3))	250 gm/PF	200
	Sorghum (CSV-55)	10	20
	Gram- GG-5 & GG-6	10	25
	Black gram (GAU-4, GU-3)	10	25

B. Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds	65	162
Pulses	75	185
Cereals	50	125
Cotton (KVK)	20	50
Horticulture (KVK)	6	50
Kitchen garden	50	50
Total	**266**	**622**

C. Farmers-scientists interaction on livestock management

State	Livestock components	Number of interactions	No. of participants
Gujarat	-	-	-
Total			

D. Animal health camps organized

State	Number of camps	No. of animals	No. of farmers
Gujarat	-	-	-
Total	-	-	-

E. Seed distribution in drought hit states (Seed distribution/sold by KVK)

State	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
-	-	-	-	-
Total				

F. Large scale adoption of resource conservation technologies

State	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
-	-	-	-
Total			

G. Awareness campaign

State	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
-	-	-	--	-	-	-	-	-	-	-	-	-
Total												

13. IMPACT

Impact of Training programme on Mushroom grower

Sr. No.	Technical practice	No. of Participants	Knowledge of Participants	
			Before training (%)	After training (%)
1	Mushroom is a fungi	20	25	95
2	Mushroom cultivation was started from China		15	90
3	Directorate of mushroom Research is located at Solan		15	95
4	Mushroom contain highest source of Protein		10	100
5	Button mushroom share highest production in India		15	85

Sr. No.	Technical practice	No. of Participants	Knowledge of Participants	
			Before training (%)	After training (%)
6	Solan city is known as mushroom city in India		20	85
7	Punjab state is the highest producer of mushroom in India		15	75
8	Mushroom used for both health and nutrition		25	85
9	Mushroom mostly used for the patients suffered from heart diseases, diabetes and for metabolism		10	75
10	Shitake mushroom richest source of medicinal properties		5	70
11	For the mushroom cultivation there is no need of soil and sunlight		20	100
12	Mostly wheat grains are used for preparation of mushroom spawn		10	100
13	Oyster mushroom spawn can be stored up to one month		5	80
14	Oyster mushroom spawn can be stored at 4^0C		10	70
15	Generally, paddy and wheat straw are used as media for oyster mushroom cultivation.		20	70
16	25 to 30^0C Optimum temperature for the cultivation of oyster mushroom		10	75
17	40-50 days crop period is required for oyster mushroom cultivation		15	75
18	35-40^0C is the Optimum temperature for milky mushroom cultivation		5	60
19	15-18^0C is the Optimum temperature for button mushroom cultivation		10	60
20	80-100 days crop period is required for button mushroom cultivation		10	60
			13.5	**80.25**

Details of impact analysis of KVK activities carried out during the reporting period

S. No.	Item	Unit	Prior to KVK	Post KVK activities
1.	Change in cropping intensity 1 Indian bean 2 sesame	Introduction of new variety	--	Getting momentum
2.	Change in productivity of 1. Drill Paddy (Purna) 2. T.P Paddy (GNR-2) 3. Soybean 4. Ground nut 5. Pigeonpea	(kg/ha)	100-150 2000-2500 700-1000 700-900 700-1000	400-600 2800-3800 1500-2000 1000-1500 1500-1700

3.	Use of HYV (high-yielding varieties) 1. Cotton BT (irrigated) 2. Cotton Unirrigated	(kg/ha)	700-1000 250-400	1500-1800 500-600
4.	Use of fertilizers (NPK) (nutrient) 1. Rice 2. pigeon pea 3. cotton 4. Soybean 5. Ground nut	(kg/ha) Imbalance use of fertilizer and no basal dose	Imbalance use of fertilizer and No basal dose	Farmers have started to apply fertilizer as Basal dose and other important stages
5.	Use of FYM and other biofertilizers	(kg/ha)	1. Improper method to prepare of FYM 2. Use of undegraded FYM	1. Farmers haves started to prepare FYM in pit 2. Used quality FYM
6.	Tractor/machinery 1. Paddy thresher	Time saving	No use	70 % time saving
7.	(a) Change in economic indicators (in adopted villages) (b) Net return/ha/yr. (by crop/enterprise) 1. Drill Paddy (purna) 2. T.P Paddy (GNR-2) 3. Soybean 4. Ground nut 5. Pigeonpea	(No) Rs.	 10000-13000 35000-38000 25000-30000 25000-30000 37000-40000	 13000-16000 45000-49000 35000-37000 35000-40000 52000-55000

14. Kisan Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	**Livestock**	**Weather**	**Marke-ting**	**Aware-ness**	**Other enterprise**	**Total**
	Text only	16	5	2	-	17	-	40
	Voice only	-	-	-	-	-	-	-
	Voice & Text both	-	-	-	-	-	-	-
	Total Messages	**16**	**5**	**2**	**-**	**17**	**-**	**40**
	Total farmers Benefitted	**5313**	**5313**	**5313**	**-**	**1513**	**-**	**5313**

15. PERFORMANCE OF INFRASTRUCTURE IN KVK

A. Performance of demonstration units (other than instructional farm) 2024

Sl. No.	Demo Unit	Year of establishment	Area Ft.	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
1	Mushroom Cultivation Unit	2020	20X40	Oyster sadarkaju	Mushroom	40 kg	1000/-	3000	-
2	Vermi compost Unit under shed net house	2020	40X40	-	Vermi - Compost	2000 kg.	6000/-	14000	-
3	Goat breeding unit	2020	100X100	Surti goat	kids	14	18500/-	30800	For breeding purpose
4	Azolla Unit	2020	20X20	-	Azolla	25 kg	-	-	
5	Mango orchard	2017	0.25 ha	29 variety	-	14.44	10,000/-	50540/-	-
6		2020	0.32 ha	04 variety		200 graft 2 year old	25000/-	Growing phase	-
7	Fruit orchard	2017	0.10 ha	26	-	78 plant 3 year old	8000/-	Growing phase	-
8		2020	0.17 ha	03 variety	-	125 plant 2 year old	20000/-	Growing phase	-
9	Poly house and net house	2017	0.25 ha	-					
					Mango	4470		268200	
10	Plant Protection Technology Information Park	2020	30X30	-	-	-	01.00 lakhs	Exhibit the information	-
11	Animal Husbandry information Technology Park	2020	10X30	-	-	-	01.00 lakhs		-
12	Horticultural information Technology Park	2020	20X30	-	-	-	0.50 lakhs		-
13	Small scale Farm Mechanization information Park with processing	2020	15X30	-	-	-	01.00 lakhs		-

	unit								
14	Roof water harvesting	2012	10 Sq. m.	-	-	-	01.00 lakhs	Life saving irrigation	-
15	Farm pond	2011	100 m X 50 m	-	-	-	10 lakhs lit.		-
16	Solar pump	2020	24 panel		Electricity	8.5 kv	3.5 lakhs	Life saving irrigation	-

B. Performance of instructional farm (Crops) including seed production (2024)

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty. (q)	Cost of inputs	Gross income	
Cereals									
Paddy	15/01/2024	28/4/2024	0.40	GRH-2	Seed	1.47	59918/-	29400/-	
Paddy	2/7/2024	8/11/2024	1.6	GR-25 (Mahatma)	Seed	92.00	191380/-	294400/-	
Paddy	16/7/2024	15/10/2024	1.2	GR-16 (Tapi)	Seed	30.80	121432/-	98560/-	
Paddy	10/7/2024	21/10/2024	0.75	Purna	Seed	23.10	90690/-	73920/-	
Paddy	8/7/2024	18/10/2024	1.20	GR-18 (Devali kolam)	Seed	42.70	132535/-	140056/-	
Paddy	26/7/2024	25/10/2024	0.55	GNR-9 (Lalkada Gold)	Seed	18.70	68240/-	59840/-	
Wheat	25/11/2023	30/3/2024	0.40	GW-499	Seed	4.00	7279/-	14000/-	
Sorghum	25/11/2024	10/04/25	0.40	GJ-44 (Madhu)	Seed	4.35	14500/-	23925/-	
Sorghum	25/11/2024	12/04/25	0.40	CSV-55	Seed	9.28	15000/-	51040/-	
Pulses									
Gram	20/11/2023	22/02/2024	1.00	GJG-3	Seed	4.35	15670/-	30450/-	
Gram	23/11/2023	04/03/2024	0.80	GJG-5	Seed	3.90	13890/-	27300/-	
Gram	30/11/2023	08/03/2024	0.80	GJG-6	Seed	4.20	13890/-	29400/-	
Green Gram	19/02/2024	08/05/2024	2.00	GM-6	Seed	8.35	36070/-	100200/-	
Green Gram	28/02/2024	13/05/2024	3.00	GM-7	Seed	14.30	53344/-	171600/-	
Black Gram	28/02/2024	17/05/2024	0.40	GU-3	Seed	0.45	8558/-	5400/-	
Indian beans	20/09/2024	01/02/2025	0.40	GNIB-22	Seed	4.40	40000/-	158400/-	
Oilseeds									
Fibers									
Spices & Plantation crops									
Floriculture									

Fruits									
Vegetables									
Others (specify)									
Sunhemp	23/12/2023	20/04/2024	0.40	Vijay	Seed	3.50	15448/-	22750/-	

C. Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.)

Sl. No.	Bio Products	Name of the Product	Qty (kg)	Amount (Rs.)		Remarks
				Cost of inputs	Gross income	
1	Bio- Fertilizers	-	-	-	-	-
2	Bio- Fungicides	-	-	-	-	-
3	Bio- pesticides	-	-	-	-	-
4	Bio-Agents	-	-	-	-	-
5	Vermicompost	Vermicompost	2000	5000	14000	

D. Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Goat breeding unit	Surati	Kids	14	18500	30800	For breeding

E. Utilization of hostel facilities

Accommodation available (No. of beds): 12

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
January 2024	10	01	-
February 2024	11	01	-
March 2024	12	01	-
April 2024	00	00	-
May 2024	00	00	-
June 2024	11	01	-
July 2024	06	01	-
August 2024	00	00	-
September 2024	00	00	-
October 2024	11	01	-
November 2024	13	01	-
December 2024	10	01	-

F. Database management

S. No	Database target	Database created
1	Phone number from all villages	60 villages (2678 Phone number)

G. Details on Rain Water Harvesting Structure and micro-irrigation system

Amount sanction (Rs.)	Expenditure (Rs.)	Details of infrastructure created / micro irrigation system etc.	Activities conducted					Quantity of water harvested in '000 liters	Area irrigated / utilization pattern
			No. of Training programmes	No. of Demonstrations	No. of plant 99 material produced	Visit by farmers (No.)	Visit by officials (No.)		
-	-	**Drip irrigation system**	5	-	-	1520	22	-	1.0 ha
-	-	**farm pond**	-	-	-	1520	22	10,00,000	2.5 ha

H. Performance of Nutritional Garden at KVK farm

If Nutritional Garden developed at KVK farm/Village Level? Yes

Nutritional Garden developed at KVK farm

Area under nutritional garden (ha)	Component of Nutritional Garden	No. of species / plants in nutritional garden	No. of farmers visited
0.1	Vegetable crops	9	1105
	Fruit crops	02	
	Others if any	Medicinal plants-02	

Nutritional Garden developed at Village Level (Area under nutritional garden)

No. of Villages covered	Component of Nutritional Garden	No. of species / plants in nutritional garden	No. of farmers covered
10	Vegetable crops	05	50
	Fruit crops	02	
	Others if any	-	

H. Details of Skill Development Trainings (ASCI) organized

S. No.	Name of KVKs/SAUs /ICAR Institutes	Name of QP/Job role	Duration (hrs)	No. of participants					
				SCs/STs		Others		Total	
				Male	Female	Male	Female	Male	Female
1	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	-	-

16. FINANCIAL PERFORMANCE

A. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Branch code	Account Name	Account Number	MICR Number	IFSC Number
With Host Institute	State bank of India	Dediapada	07787	Programme coordinator KVK NAU Dediapada	33235254433	-	SBIN0007787
With KVK	-	-	-	-	-	-	-

B. Utilization of KVK funds during the year 2024-25 (Rs. in lakh) (Till Dec, 2024)

Sr. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	80.00	61.73	94.80
2	Traveling allowances	0.00	0.00	0.00
3	Contingencies	19.00	14.50	7.37
TOTAL (A)		**135.5**	**99.00**	**76.23**
B. Non-Recurring Contingencies				
4	Farm development	00	00	00
5	Library (Purchase of assets like books& journals)	00	00	00
6	Vehicle (Motorcycle)	00	00	00
GRAND TOTAL (A+B)		**135.5**	**99.00**	**76.23**

C. Status of revolving fund (Rs. in lakh) for the three years

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1stApril of each year
April - 2022 to March - 2023	40.64	17.45	10.53	47.56
April - 2023 to March - 2024	47.56	19.15	12.21	54.50
April - 2024 to December - 2024	54.50	15.64	7.14	63.00

17. Details of HRD activities attended by KVK staff during year

Name of the staff	Designation	Title of the training programme	Institute where attended	Mode (Online/ Offline)	Dates
Dr. M. V. Tiwari	Scientist (Home Science)	Technological backstopping workshop	DEE, NAU, Navsari	Offline	14-03-2024
		Pre-annual action plan workshop of KVK	NAU, Navsari	Offline	09-05-2024
		Online meeting on block level contingencies plan for NICRA	ATARI, Pune	Online	24-08-2024
		Online meeting on special programme to enhance visibility of KVK	ATARI, Pune	Online	11-09-2024
		KVK and their mandatory work introduction to B. Tech students	CAET, Dediapada	Offline	18-10-2024
		Two-day workshop on community seed bank and sustainable seed management through millet	AKSRP(I), Netrang, Bharuch	Offline	21-11-2024 to 22-11-2024
		To attend orientation prog. For rabi - krishi mahotsav	NAU, Navsari	Offline	04-12-2024
		To attend and presentation the NICRA annual review workshop and action plan	ATARI, Pune	Offline	26-12-2024
		Workshop on marketing management of agricultural produce	NIAM, Jaipur and KVK Narmada	Offline	03-01-2025 to 04-01-2025
Dr. V. R. Jinjala	Training assistant	Technological backstopping workshop	DEE, NAU, Navsari	Offline	14-03-2024
		Pre-annual action plan workshop of KVK	NAU, Navsari	Offline	09-05-2024
		Workshop on marketing management of agricultural produce	NIAM, Jaipur and KVK Narmada	Offline	03-01-2025 to 04-01-2025
Mr. M. L. Visat	Farm manager	Technological backstopping workshop	DEE, NAU, Navsari	Offline	14-03-2024

		Workshop on marketing management of agricultural produce	NIAM, Jaipur and KVK Narmada	Offline	03-01-2025 to 04-01-2025
		A day long consultation on the science of natural farming	AFW Gov. Of India	Offline	16-05-2024
		Prakrutik krushi talim karya shala	AFW Gov. Of Gujarat	Offline	07-08-2024

18. Details of progress in Doubling Farmers Income (DFI) villages adopted by KVKs

Name of the village	Total No. of families surveyed	Key interventions implemented	No. of farmers covered in each intervention	Change in income (Rs/unit)	
				Before	After
Almawadi	400	• Varietal replacement • Production technology of major crops especially INM • Eco-friendly plant protection measures • Water conservation • Arid horticulture • Dairy management through feeding, housing and Health management • Drudgery reduction • Women empowerment	125	25,000/- to 50,000/-	35,000/- to 70,000/-
Soliya	414		133	25,000/- to 50,000/-	35,000/- to 70,000/-

19. Details of activities planned under NARI /PKVY / TSP / KKA, etc.

S. No.	Name of the programme	No. of villages adopted	Key activities performed	No. of activities carried out	No. of families covered
1	Training on DFI through animal husbandry and through poultry farming, by diversified cropping practices, Nursery management in horticultural crops, Marketing and value addition in ragi and vari, Scientific cultivation of Pulses – IPDM of Pulses and Cereals crops.	2	On and Off campus trainings and extension activities	30	423

20. Details of Progress of ARYA Project

Name of Enterprise	No of Training Conducted	No of Beneficiaries	No of Extension Activities	No of Beneficiaries	No of Unit established	Change in income		No. Of Groups Formed
						Before	After	
-	-	-	-	-	-	-	-	-

21. Details of SAP

S. No.	Types of major Activity conducted	No. of Programmes	No. of Participants
01	Training on Swachhta Pakhwada & vermi compost preparation	04	135
02	Field visit	04	15

Sr. No	Name of KVK	Date	Activity	No of VIPs	No of Farmers	Others	Total
1	KVK Narmada	-	Training on Swachhta Pakhwada, Cleaning,	0	135	0	135
2		-	Field visit	0	15	0	15

21. Books published 2024-24

Title of the Book	Authors	ISBN No (Optional) / Pages No	Description/review of the book (one paragraph/sentence)
-	-	-	-

22. Please include any other important and relevant information which has not been reflected above (write in detail). – Nil-

APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	80	1676	2198	3874
Rural youths	02	00	55	55
Extension functionaries	05	32	115	147
Sponsored Training	06	100	266	366
Vocational Training	05	06	82	88
Total	**98**	**1814**	**2716**	**4530**

2. Frontline demonstrations

Enterprise	No. of Farmers	Area(ha)	Units/Animals
Oilseeds	162	65	-
Pulses	185	75	-
Cereals	125	50	-
Horticulture	50	06	-
Cotton	50	20	-
Total	**572**	**216**	**-**
Livestock & Fisheries	-	-	-
Other enterprises	50	-	50
Farm implements	-	-	-
Total	**50**	**-**	**50**
Grand Total	**622**	**216**	**50**

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	01	5	5
Livestock	-	-	-
Various enterprises	-	-	-
Total	**01**	**5**	**5**
Technology Refined			
Crops	-	-	-
Livestock	-	-	-
Various enterprises	-	-	-
Total	-	-	-
Grand Total	**01**	**5**	**5**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	254	21413
Other extension activities	-	-
Total	**254**	**21413**

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	16	5	2	-	17	-	40
	Voice only	-	-	-	-	-	-	-
	Voice & Text both	-	-	-	-	-	-	-
	Total Messages	**16**	**5**	**2**	**-**	**17**	**-**	**40**
	Total farmers Benefitted	**5313**	**5313**	**5313**	**-**	**1513**	**-**	**5313**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	269.85	1330641/-
Planting material (No.)	1500	110000/-
Bio-Products - Vermicompost (kg)	2000	16000/-
Livestock Production (No.)	14	30800/-
Fishery production (No.)	-	-

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	-	-
Water	-	-
Plant	-	-
Total	-	-

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	10
2	Conferences	02
3	Meetings	14
4	Trainings for KVK officials	04
5	Visits of KVK officials	15
6	Book published	00
7	Training Manual	02
8	Book chapters	00
9	Research papers	02
10	Article	00
11	Seminar papers	00
12	Extension folder	00
13	Proceedings	07
14	Award & recognition	01
15	On going research projects	01
16	Popular article	06