

ICAR-ATARI, Pune
DETAILS OF ANNUAL PROGRESS REPORT OF KVKs DURING 2025
(January 2025 to December 2025)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address with PIN code	Telephone		E mail	Website address & No. of visitors (hits)
Krishi Vigyan Kendra, Navsari Agricultural University, Ahwa road, Waghai, Ta: Waghai, District: Dangs, Gujarat-394 730	Office 02631-296645	FAX -	kvkwaghai@nau.in	http://waghai.kvk8.in

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, Gujarat, 396 450	02637-282823 02637-282026	-	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. J. B. Dobariya	02631-296645	9724761097	kvkwaghai@nau.in

1.4. Date and Year of sanction: ICAR 16 March, 1985

1.5. Staff Position (as on December, 2025)

Sl. No.	Sanctioned post	Name of the incumbent	Mobile No.	Discipline	If Permanent, Please indicate		Date of joining	If Temporary, pl. indicate the consolidated amount paid (Rs./month)
					Current Pay Band	Current Grade Pay		
1.	Senior Scientist and Head	Dr. J.B.Dobariya	9724761097	Extension Education	79800-211500	-	03-09-2025	-
2.	Scientist	Mr. Gaurang B. Padsala	7573073858	Extension Education	57700-182400	-	29-07-2025	-
3.	Scientist	Dr. P.P.Javiya	9925689822	Crop Production	68900-205500	-	27-08-2019	-
4.	Scientist	Dr. H.A.Prajapati	9429430999	Horticulture	68900-205500	-	13.02.2017	-
5.	Scientist	Dr. S.A.Patel	9913439987	Animal Science	68900-205500	-	27-08-2019	-
6.	Scientist	Dr. Bipin M.Vahunia	8141802632	Plant Protection	68900-205500		28-08-2019	-
7.	Scientist	Dr. Jeni H. Lalwani	7383623996	Home Science	57700-182400	-	21-07-2025	-
8.	Programme Assistant	Mr. K. V. Patel	9687788642	-	39900-126600	-	24-09-2015	-
9.	Computer Programmer	Vacant	-	-	39900-126600	-	-	-
10.	Farm Manager	Mr. R. S. Patel	9904410078	-	39900-126600	-	08-03-2019	-
11.	Accountant/Superintendent	Mr. J. R. Padhiyar	9924748023	-	39900-126600	-	01-04-2022	-
12.	Stenographer	Vacant	-	-	5200-20200	-	-	-
13.	Driver 1	Vacant	-	-	5200-20200	-	-	-
14.	Driver 2	Vacant	-	-	5200-20200	-	-	-
15.	Supporting staff 1	Mr. D. N. Parmar	6356862156		15000-47600	-	01.08.2011	-
16.	Supporting staff 2	Vacant	-	-	15000-47600	-	-	-

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	0.50
2.	Under Demonstration Units	--
3.	Under Crops	2.60
4.	Horticulture	0.83
5.	Pond	--
6.	Others if any (Specify)	1.00
	Total	4.93

1.7. Infrastructural Development:

A) Buildings

Sr. 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	1990	200.73	0.93	--	--	--
2.	Farmers Hostel	ICAR	2005	278.00	12.00	--	--	--
3.	Staff Quarters (6)	--	--	--	--	--	--	--
	B-Type(2)	ICAR	1994	197.04	343696	--	--	--
	C-Type(1)	ICAR				--	--	--
	A-Type(1)	ICAR				--	--	--
	E-Type(1)	ICAR				--	--	--
	Total			197.04	343696	--	--	--
4.	RCC approach road		2005	82.00	2.21	--	--	--
5.	RCC Sump		2005	40000 lit cap	0.76	--	--	--
7.	Demonstration Units	----	--	--	--	--	--	--
8.	Fencing	----	--	--	--	--	--	--
9.	Rain Water harvesting system	----	--	--	--	--	--	--
10.	Threshing floor	ICAR	2012	84	2.00	--	--	--
11.	Farm godown	ICAR	2011	12	3.00	--	--	--
12.	ICT lab	--	--	--	--	--	--	--
13.	Other	--	--	--	--	--	--	--

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Running	Present status
Motorcycle Hero Honda Splendor	2011	50755	41451 (31-12-2025)	Working
Mahindra Bolero	2019	686240	119796 (31-12-2025)	Working
Soil testing van	2009	2630000	13285	Not working

C) Equipment & AV aids

Name of the equipment/ Implements	Year of purchase	Cost (Rs.)	Present status
Camera (Sony-Digital)	05.01.2001	27100/-	Working
Digital camera	03.01.2009	19038/-	Working
Generator set (Honda)	26.03.2010	49600/-	Working
EPBAX system	24.02.2011	49868/-	Working
Plough (Heavy duty)	18.02.2011	19000/-	Working
Rotavator	14.03.2011	63400/-	Working
Vivitek Multimedia DLP projector	14.03.2011	99990/-	Working
Winnowing fan	27.02.2011	6900/-	Working
Power sprayer	04.02.2011	24150/-	Working
Power tiller	24.03.2011	148785/-	Working
Cultivator	03.03.2011	20700/-	Working
Two-way-leveler	03.03.2011	12600/-	Working
Thresher	17.02.2011	18000/-	Working
Seed cum fertilizer drill	17.02.2011	36100/-	Working
Scale (Weighing)	18.02.2011	6000/-	Working
PROTON Impact	28.03.2011	35600/-	Working
Trailer (For Power tiller)	28.03.2011	26500/-	Working
Submersible pump ISIV-6	07.03.2014	18,750/-	Working
Digital mini lab	23.11.2015	75000/-	Working
Tractor	04.12.2015	581228/-	Working
Paddy winnowing fane	29-02-2016	42200/-	Working
Rotary power tiller	18-03-2016	98500/-	Working
Desk top computer (Lenova)	21-03-2016	38775/-	Working

HP printer	28-03-2016	10999/-	Working
Tractor Trailer	29-03-2016	117000/-	Working
M.B.Plough	20-02-2017	30500/-	Working
Roklith cooler	23-02-2017	79000/-	Working
Lenovo computer (All in one)	07-03-2017	46199/-	Working
Laser printer	07-03-2017	25800/-	Working
Voltas AC	08-03-2017	72000/-	Working
Photocopier machine	10-03-2017	150000/-	Working
Mridaparishak soil testing kit	15-03-2017	90300/-	Working
Multicrop thresher	16-03-2017	210000/-	Working
Kiosk thin client based free standing type model	23-03-2017	90250/-	Working
Stabilizer	27-09-2017	8260/-	Working
V-ditcher, Ridzer, Burd former	19-02-2018	60000/-	Working
Lawn mover	17-03-2018	31500/-	Working
Paddy threshing table (2 peace)	29-09-2018	14000/-	Working
H P Laptop	11-03-2019	44715/-	Working
H P Printer	15-03-2019	14450/-	Working
Reaper	27-03-2019	97211/-	Working
Brush Cutter	27-03-2019	17813/-	Working
Submersible pump 7.5 HP	27-03-2019	29488/-	Working
Projector	27-03-2019	48500/-	Working
U P S inventor	29-03-2019	48000/-	Working
Disc harrow	27-03-2019	101115/-	Working
Air conditional	26-03-2019	116670/-	Working
Mini tractor (VST-Mitsubishi- Shakti)	28-03-2019	335699/-	Working
All in one printer (HP -1005 Laser jet pro MFP)	28-03-2019	17480/-	Working
All in one printer (HP - Laser jet pro MFP)	28-03-2019	28700/-	Working
All in one Computer (No. 4)	28-03-2019	227534/-	Working
Revolving Chair (No. 2)	29-03-2019	9000/-	Working
Bolero (7 Seater)	11-07-2019	4,63,612/-	Working
Canon Camera	28-09-2022	67,500/-	Working

Canon camera lens	28-09-2022	22,475/-	Working
Portable sound system	28-09-2022	24,990/-	Working
TSP Utility center equipment			
Mini tractor VST Shakti 135DI (BHP 13)	17-03-2023	1,95,624/-	Working
Weight scale	23-03-2023	15,000/-	Working
Gravity seed grader	24-03-2023	11,000/-	Working
Jasoda Paddy Thresher	24-03-2023	2,50,000/-	Working

1.8. Details of SAC meeting conducted in the year:

Date	Name and Designation of Participants	Salient Recommendations	Action taken
06-01-2026	Dr. T. R. Ahlawat, I/c. Hon'ble Vice Chancellor, NAU, Navsari Dr. Subrata Kumar Roy, Director, ICAR-ATARI, Pune Dr. H. R. Sharma, Director of Extension Education, NAU, Navsari Dr. T. R. Ahlawat, Director of Research, NAU, Navsari Dr. P. A. Vavadia, Associate Research Scientist, Hill Millet Research Station, NAU, Waghai, Dangs Dr. A. P. Patel, Principal, College of Agriculture, NAU, Waghai, Dangs Dr. D. R. Bhandari, Professor & Head, Department of Vegetable Science, ACH, NAU, Navsari Mr. Sanjay Bhagariya, Project Director, ATMA, Ahwa, Dangs Mr. Vikas Charmal, District Development Manager, NABARD, Dang/Navsari Mr. B. J. Patel, District Agriculture Officer, Ahwa, Dangs Mr. T. M. Gamit, Deputy Director of Horticulture, Ahwa, Dangs Mrs. Anjali Gamit, Area manager, AKRSPI, Ahwa, Dangs Dr. H. A. Thakare, Deputy Director Of Animal Husbandry, District Animal Husbandry, Ahwa, Dangs Mr. Dilip K. Rabari, Range Forest Officer, Waghai, Dangs Mr. Govindbhai Machhi, (Progressive Farmer), Uga-Chichpada, Waghai, Dangs Smt. Nandaben Nileshbhai Patel, (Progressive Women Farmer), Sati, Ahwa, Dangs Shri Kashirambhai G. Birari, (Agri Entrepreneur), Jamlapada, Ta.-Waghai, Dangs Mrs. Sushilaben M. Sharma, (President of Sakhi Mandal), Waghai, Dang Smt. Sunitaben V. Chaudhari, (Chair person of Women SHG), Waghai, Dangs Manager SBI, Baranch maneger SBI, Waghai JBD, Senior Scientist & Head, KVK, NAU, Waghai, Dangs Dr. Mahaveer Chaudhary, Principal, Agril. Polytechnic, NAU, Waghai, Dangs	1. To conduct training on farm pond (Jal kund) 2. To provide exposure to farmers of summer Finger millet cultivation at KVK, Waghai 3. To conduct FLD on Scientific bee keeping. 4. Create awareness about use of biochar in Agriculture. 5. Create awareness about pest & disease management in major vegetable crops of The Dangs District. 6. To conduct the training on organized marketing system. 7. To create awareness of vegetable seedling/craft prepared through robot machine 8. To check the feasibility of	1. Training conducted of farm pond at Bhapkhali with 35 Farmers (16/09/2025) 2. Summer finger millet cultivation at waghai farm was visited by a total of 552 farmers. 3. FLD given to 21 beekeepers & A Memorandum of Understanding (MoU) was signed on 8th August, 2025 between the Krishi Vigyan Kendra, Navsari Agricultural University, Dangs, Sahyadri Honeybee Enterprise & Self Help Groups of Dang district. 4. Training conducted of biochar at KVK, Waghai with 30 Farmers (10/06/2025) 5. A total of 48 participated in sponsored on campus training, 27 participated in sponsored off campus training, and 30 participated in regular on campus training. 6. Sponsored Training Off Campus of Marketing Strategies for Millet Crops

Mr. Pahujyabhai Mahadybhai Bhoje, Chairman, KHAPri Co. Mandli, Waghai, Dangs	new crops in The Dangs District.	with 48 Farmers (11/12/2025) & 1 TV talk “ <i>Khet utpadanoni vechan vyavstha</i> ” 7. FLD was conducted with 10 beneficiaries. 8. Starting FLD on Sunhamp Seed Production, Given FLD to 25 Farmers of Barkhandhya
Mr. Maganbhai K. Gaykawad , (Progressive Farmer), Chichond, Waghai, Dangs		
Mr. Narendra Revat, Chairman, Ambedkar Sevadham Trust, Ahwa, Dangs		
Mr. Surendrbhai D. Bhoje, Chairman, APMC Market Yard, Waghai, Dangs		
Smt. Nitaben B. Patel, Mahalkshmi Sakhi Mandal, Waghai, Dangs		
Dr. Mihir A. Dave, Assistant Director, Gramseva Trust, Kharel		
Mr. Bendubhai Mahadubhai Gaikwad, (Progressive Farmer), Nadagkhadi, Ta.- Waghai, Dangs		
Mrs. Bhartiben Chintubhai Patel, (Chair person of Women SHG), Waghai, Dangs		
Mr. Mahendrabhai, Reliance Foundation Information Services. Anand-Gujarat		
Mr. Maheshbhai Aavjubhai Gaykwad, Fild Assistant Yojak, Dodipada, Waghai		
Mr. Sunilbhai Shankarbhai Chaudhari, Field Assistant Yojak, Chinchali, Ahwa		
Mrs. Ranjitaben N. Patel, (Progressive Farmer), Dagadpada, Waghai, Dangs		
Mr. Sanjaybhai J. Choudhari, (Farmer Master trainer), Motidabdar, Waghai, Dangs		
Mr. Kishorbhai Rahubhai Gavit, (Agri. Entrepreneur), Mokhamal, Tal.Subir, Dist.Dang		
Mrs. Kalpanaben Bhoje, (Agri. Entrepreneur), Waghai, Ta.Waghai, Dist.Dang		
Mr. Shravanbhai Gain, Chairmen, Lotus Fruits and Vegetable Producer Company Private Ltd., Nanapada, Waghai, Dang		
Director, Dang Ayurvedic Pharmaceuticals LTD., Ahwa, Dang		
Mr. Sachin Kesubhai Mahakal, (Progressive Farmer), Ambapada, Waghai, Dangs		
Mr. Piyushbhai Chaudhry, Deputy Director Agri. (Extension), FTC, Ahwa, Dang		
District livelihood Manager, DRDA Mishanmangalam, Ahwa, Dang		
Dr. M. M. Islam, I/c. PVK, Head of Department LPM, Kamdhenu, Uni. NAU, Campus Navsari.		

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 farming system
2	Agri - Horti farming system
3	Agri – Horti -Dairy farming system
4	Agroforestry system

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

S. No.	Agro-climatic Zone (Planning Commission)	Characteristics
1	South Gujarat Heavy Rainfall Zone–I Agro Ecological Situation-I	Dangs district comes under South Gujarat Heavy Rainfall Zone–I Agro Ecological Situation-I having total 172366 ha land. Out of that, 53.74% is occupied with forest and only 33.80% of land comes under cultivation and cultivable fallow. The district is remote forest area and characterized mainly by tribal. The cropping pattern of the district is single rainfed crops. The major crops in kharif are Paddy, Finger millet, Little millet, Sorghum, Black gram etc. Some more information regarding the district is given below.

a) Topography

S. No.	Agro ecological situation	Characteristics
1	Location	73°.29' to 73°.51' longitude and 20°.39' to 21°.50' latitude. An elevation 105 to 1317 mtrs. MSL
2	Agro climatic zone	South Gujarat Heavy Rainfall Zone–I Agro Ecological Situation-I
3	Soil	Laterite, hilly, undulating with slopes of 20 to 40 percent, shallow to medium in depth
4	Rainfall	1800-2000 mm with average rainy days of 85-95
5	Irrigation	18 percent
6	Rivers	Ambica, KHAPri, Purna, Gira

2.3 Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Lateritic, hilly, undulating with the slopes of 20 to 40 per cent, light to medium texture soil and others	Shallow to medium in depth, low to moderately fertile, medium to high in slope, normal to slightly acidic pH, moderate temperature because of thick forest cover, area under irrigation (10500 ha)	56,300

2.4. Area, Production and Productivity of major crops cultivated in the area of jurisdiction of KVK (2025)

S. No	Crop	Area (ha)	Production (000 T)	Productivity (Kg/ha)
	Major Field crops			
1	Paddy	30798	45673	1.48
2	Sorghum	68	93	1.36
3	Maize	338	526	1.55
4	Finger millet	6419	5655	0.88
5	Other kharif cereal	3242	2198	0.67
	Total Kharif Crop	40865	54145	1.32
6	Pigeon pea	3516	1282	0.36
7	Black Gram	6687	5990	0.89
8	Gram	13495	12767	0.94
9	Other pulses	10203	7272	0.71
	Total Pulses Crop	33901	27311	0.80
10	Groundnut	3101	2698	0.87
11	Soybean	1019	892	0.87
	Major Horticultural crops			

1	Mango	5844	41731	7.14
2	Custurd apple	203	1430	7.04
3	Cashew nut	1663	1829	1.10
4	Strwberry	28	196	7.00
5	Jackfruit	18	140	7.78
	Total Rabi crop	7756	45326	5.84
6	Onion	748	14137	18.90
7	Brinjal	1026	17852	17.40
8	Okra	2933	43348	14.78
9	Tomato	674	14774	21.92
10	Chilli	275	3607	13.12
11	Cowpea	269	1521	5.65
12	Cucurbits	1826	26007	14.24
13	Other Horticultural crops	314	4132	13.16
14	Watermelon	395	5766	14.60
	Total Vegetable crops	8460	131144	15.50

Source: District Agriculture Department & Horticulture Department Gujarat

2.5. Weather data (2025)

Month	Average RF (mm)	Normal RF (mm)	Normal Rainy days (number)	Temperature (° C)		Relative Humidity (%)	
				Maximum	Minimum	Maximum	Minimum
January	-	0.0	0	30.4	12.2	100	37
February	-	0.0	0	34.7	10.4	93	27
March	-	0.0	0	38.1	15.8	78	21
April	-	0.0	0	39.8	29.7	84	25
May	-	151.5	11	36.0	25.2	97	60
June	-	680.5	17	32.7	26.2	99	75
July	-	590.5	23	29.4	25.6	100	94
August	-	455.0	20	29.0	25.1	100	94
September	-	360.5	16	26.5	22.0	100	92
October	-	144.0	7	28.9	19.4	90	63
November	-	11.5	3	31.0	16.5	100	53
December	-	0.0	0	31.9	12.0	100	39
Total	-	2393.5	97				

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

Category	Population (No.)	Production (Per unit)	Productivity (Per unit)
Cattle			
Crossbred	15482	-	2000-2200 lit/cow
Indigenous	58900	-	800 lit/cow
Buffalo	22125	-	1200 lit/buffalo
Sheep	-	-	-
Goats	45658	-	300 lit
Pigs	-	-	-
Crossbred	-	-	-
Indigenous	-	-	-
Rabbits	109	-	-
Hens	32350	-	185 egg/year
Desi	166970	-	58 egg/year
Category		Production (q.)	Productivity (Per Unit)
Fish (Reservoir)	--	--	--
Fish (Farm ponds)	--	--	--

2.7. Details of Operational area / Villages

Name of Taluka	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Ahwa	Sonuniya Bhurapani Bhapkhal	Cereals: Paddy, Finger millet, Little millet Pulses: Gram, Black gram, Pigeon pea, Green gram & Sweet pea	-Use of traditional varieties - Poor quality of seed -Improper use of fertilizers	- Promoting Animal husbandry/ horticultural crops - Use of recommended varieties - Promotion of scientific package of practices
Subir	Chikhali Pipalaidevi Chichpada	Oilseeds: Groundnut, Niger Vegetables: Okra, Bittergourd, Chilli, Brinjal, Watermelon Fruit Crops: Mango, Custard apple	- Lack of awareness about plant protection measures -Scarcity of fodder	- Create awareness about plant protection measures - Scientific feeding management
Waghai	Baj Barkhandhya Dagadpada Shivarimal	Floriculture: Marigold Others: Tuber crops & Sunhemp Animal Husbandry: Poultry farming	- Repeat breeding and Anoestrus - Less interest in dairy business	- Artificial Insemination - Awareness about dairy enterprise

2.8. Priority thrust areas:

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
07	07	69	69	20	22	572	852

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
76	131	2040	6269	296	1476	11680	119455

Seed Production (Qtl.)		Planting materials (Nos.)	
5		6	
Target	Achievement	Target	Achievement
44.45	44.45	4500	7770

Livestock, poultry strains and fingerlings (No.)		Bio-products (Kg)	
7		8	
Target	Achievement	Target	Achievement
-	-	-	-

3.1. B. Operational areas details during 2025

Sr.No.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (Ha/No.) affected by the problem in the district		Names of Cluster Villages identified for intervention	Intervention (OFT, FLD, Training, extension activity etc.)*
			Crop	Area (ha)		
1.	Cereals: Paddy, Finger millet, little millet	-Use of traditional varieties - Poor quality of seed	Paddy	135	Sonuniya Bhurapani Bhapkhal Chikhali	On campus training, Off campus training, Sponsored training, Vocational training, In-service training, Lecture delivered, Field visit, FLD visit, OFT visit, Scientist visit to farmer field, Farmer visit to KVK, Diagnostic visit, Exposure visit, KisanGosthi, Animal camps, Field day, Farmer fair, Farmer scientist interaction, Farmers meeting,
2.			Finger millet	78		
3.			Vari	69		
4.	Pulses: Gram, Black gram, Tur	-Lack of awareness related with organic crop package & practices	Sorghum	15		
5.			Maize	10		
6.	Oilseeds: Groundnut, Niger	- Lack of awareness about plant protection measures	Black Gram	15		
7.			Pigeon Pea	20		
8.			Soybean	15		

9.	Fruit crops: Mango, Cashew	-Scarcity of fodder - Repeat Breeding &Anoestrus - Less interest in dairy business	Ground nut	5	Pipalaidevi	TV-Film show, Exhibition, Farm School, Soil health campaign, Celebration of importance day, SwachataJagruti, Soil sample analyzed, Plant health clinic diagnostic services, SMS portal, Telephone helpline
10	nut, Custard apple		Kharif Total	362	Chichpada	
11.	Floriculture: Rose and Marigold		Gram	38	Baj	
12.	Others:		Wheat	10		
13.			Okra	12		
14.			Brinjal	10	Barkhandhya	
15.	Tuber crops		Mango	20	Dagadpada	
16.	Animal Husbandry: Poultry farming		Cashew nut	2	Shivarimal	
			Rabi-Total	92		

* Support with problem-cause and interventions diagram

3.2. Technology Assessment (Kharif 2025, Rabi 2024-25, Summer 2025)

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	other	Total
Integrated Nutrient Management											
Varietal Evaluation	1		1		2						4
Integrated Pest Management					2						2
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											
Other (specify)											
Total	1		1		4						6

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

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

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 trial covering all the Technological Options)
Integrated Nutrient Management					
Varietal Evaluation	Chickpea	Varietal assessment of chickpea	10	10	3.0
	Potato	Varietal assessment of Potato in the dangs district	10	10	0.6
	Indian bean	Varietal assessment of Indian bean in the Dangs district	06	06	1.8
Integrated Pest Management	Okra	Management of Fruit & Shoot borer of Okra	06	06	3.6
	Brinjal	Assessment of pheromone trap technology for the management of leucinodes orbonails in Brinjal	06	06	3.6
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			38	38	12.6

B. 2. Technologies assessed under Livestock & fishery assessment

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	Crossbred cattle	Use of Chelated minerals in the diet of crossbred HF cows	30	30
Disease management				
Feed and fodder management	Cattle	Effect of Fresh Azolla as a Feed Supplementation on Milk Yield and Fat Percentage in Dairy Cattle	05	05
Processing & Value addition				
Production and management				
Composting fish culture				
Small scale income generating enterprises				
Fish production				
Other				
Total			35	35

B.3 Technologies assessed under other enterprises

Name of Enterprises	Name of the technology assessed	No. of trials	No. of farmers
Mushroom	Mushroom production	125	125
Apiary	-	-	-
Vermicompost	-	-	-

Name of Enterprises	Name of the technology assessed	No. of trials	No. of farmers
Tailoring	-	-	-
Nutrition Garden	-	-	-
Nursery Management	-	-	-
Production and Management	-	-	-
Entrepreneurship development	-	-	-
Energy conservation	-	-	-
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	-	-	-

C. 1. Results of Technologies Assessed

Results of On Farm Trial

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
Chickpea	Irrigated	Low yield of Local variety	Varietal assessment of chickpea	10	T ₁ : Farmer variety (Local Varieties) T ₂ : GJG 6	Yield (q/ha)	1st year : T ₁ :10.71 qt T ₂ :12.81 qt 2nd year: T ₁ :9.91 qt T ₂ :13.43 qt	Treatment T ₂ GJG 6 was better than T ₁ (Local varieties)	Higher yield than local variety	No	NA
Indian bean	Irrigated	Popularize new variety of Indian bean	Varietal assessment of Indian bean in the Dangs district	06	T ₁ : Farmers practices (Katargam) T ₂ : GNIB 21 (2014) T ₃ : GNIB 22 (2017)	Yield (q/ha)	1st year : T ₁ :28.16 qt T ₂ :31.66 qt T ₃ :33.33 qt 2nd year: T ₁ :28.25 qt T ₂ :31.75 qt T ₃ :33.25 qt	Treatment T ₃ GNIB 22 was better than T ₁ (Local varieties)	Higher yield than local variety	No	NA
Brinjal	Irrigated	Low yield of Brinjal	Varietal assessment of Brinjal in the Dangs district	06	T ₁ : Farmers practices (Palanpuri) T ₂ : GNRB 1	Yield (q/ha)	1st year : T ₁ :180.83 qt T ₂ :195.16 qt	Treatment T ₂ GNRB 1 gave better yield than farmer practices	Higher yield than local variety	No	NA
Okra	Irrigated	Low yield of Okra & High mortality due to Pest damage	Assessment of management of Fruit & Shoot borer in Okra	06	T ₁ : Farmers practice T ₂ : Installation of Pheromone trap T ₃ : Spray Azadirachtin (Neem oil based) 1500 ppm	Yield (q/ha)	1st year : T ₁ :81.16 qt T ₂ :99.5 qt T ₃ :107.00 qt 2nd year: T ₁ :131 qt T ₂ :143.6 qt T ₃ :140.6 qt 3rd year: T ₁ :130.0 qt T ₂ :143.0 qt T ₃ :145.0 qt	T ₃ treatment is best among T ₁ and T ₂	Installation of pheromones trap in okra showing good result again Fruit and shoot borer	No	NA
Brinjal	Irrigated	Low yield of Bringle & High mortalit	Assessment of pheromone trap for the management of fruit & shoot borer in Brinjal	06	T ₁ : Farmers Practices T ₂ : Installation of pheromone traps @ 40 traps/ha (AAU, Anand) T ₃ : Remove the infected shoot and fruit + Installed pheromone traps @ 12/ha (TNAU, TN)	Yield (q/ha)	1st year : T ₁ :157.1 qt T ₂ :173.3 qt T ₃ :169.5 qt 2nd year: T ₁ :157.16 qt T ₂ :170.83 qt T ₃ :172.33 qt	T ₂ treatment is best among T ₁ and T ₃	Installation of pheromones trap in okra showing good result again Fruit and shoot borer	No	NA

Cross bred cattle	NA	Low milk production due to mineral imbalance & parasitic infestation	Use of Chelated minerals in the diet of crossbred HF cows	30	T ₁ - Farmer's practice – feeding of locally available feeds and fodders T ₂ - T ₁ + Chelated minerals @ 30 gm/cow/day for 120 days T ₃ - T ₁ + Chelated minerals @ 30 gm/cow/day for 120 days + Bol. Fenbendazol @ 5-7.5 / kg body weight	Lit/day	1st year : T ₁ :6.1 T ₂ :7.0 T ₃ :7.7 2nd year: T ₁ :6.0 T ₂ :7.3 T ₃ :7.8	T ₃ best amonga T ₁ and T ₂	Feeding of Mineral mixture along with deworming resulted in Increase milk production. T ₃ best amonga T ₁ and T ₂	No	NA
Dairy Cattle	NA	Low milk production	Effect of Fresh Azolla as a Feed Supplementation on Milk Yield and Fat Percentage in Dairy Cattle	05	T ₁ = Farmer's practice – feeding of locally available feeds and fodders T ₂ = T ₁ + 1.5kg fresh Azolla/day/cattle as nutrient supplement for 90 days	Lit/day	1st year : T ₁ :7.5 T ₂ :8.3	T ₂ best amonga T ₁	T ₂ best amonga T ₁	No	NA

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	B:C Ratio
13	14	15	16	17	18
T ₁ : Farmer variety (Local Varieties) T ₂ : GJG 6	Pulse Research Station, JAU, Junagadh	1st year : T ₁ :10.71 qt T ₂ :12.81 qt 2nd year: T ₁ :9.91 qt T ₂ :13.43 qt	qt /ha	1st year : T ₁ : 26840 T ₂ : 37440 2nd year: T ₁ : 31095 T ₂ : 44435	1st year : T ₁ :2.68 T ₂ :3.71 2nd year: T ₁ :3.30 T ₂ :3.78
T ₁ : Farmers practices (Katargam) T ₂ : GNIB 21 (2014) T ₃ : GNIB 22 (2017)	Navsari Agricultural University, Navsari (2016-17)	1st year : T ₁ :28.16 qt T ₂ :31.66 qt T ₃ : 33.33 qt 2nd year: T ₁ :28.25 qt T ₂ :31.75 qt T ₃ :33.25 qt	qt /ha	1st year : T ₁ : 42500 T ₂ : 54000 T ₃ : 58666 2nd year: T ₁ : 39925 T ₂ : 41000 T ₃ : 41166.67	1st year : T ₁ :2.01 T ₂ :2.31 T ₃ :2.42 2nd year: T ₁ :1.95 T ₂ :2.24 T ₃ :2.34

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	B:C Ratio
T ₁ : Farmers practices (Palanpuri) T ₂ : GNRB 1	Gujarat Navsari Round Brinjal 1	1st year : T ₁ :180.83 qt T ₂ :195.16 qt	qt /ha	1st year : T ₁ : 71166.67 T ₂ : 84133.33	1st year : T ₁ :1.96 T ₂ :2.16
T ₁ : Farmers practice T ₂ : Installation of Pheromone trap T ₃ : Spray Azadirachtin (Neem oil based) 1500 ppm	Navsari Agricultural University, Navsari (2011-12)	1st year : T ₁ :81.16 qt T ₂ :99.5 qt T ₃ : 107.00 qt 2nd year: T ₁ :131 qt T ₂ :143.6 qt T ₃ : 140.6 qt 3rd year: T ₁ :130.0 qt T ₂ :143.0 qt T ₃ :145.0 qt	qt /ha	1st year : T ₁ :81.16 T ₂ :99.5 T ₃ : 107.00 2nd year: T ₁ : 296100 T ₂ : 325366 T ₃ : 326066 3rd year: T ₁ : 293000 T ₂ : 323300 T ₃ : 339500	1st year : T ₁ :81.16 qt T ₂ :99.5 qt T ₃ : 107.00 qt 2nd year: T ₁ :3.69 T ₂ :3.71 T ₃ :3.96 3rd year: T ₁ : 3.66 T ₂ : 3.69 T ₃ : 4.08
T ₁ : Farmers Practices T ₂ : Installation of pheromone traps @ 40 traps/ha (AAU, Anand) T ₃ : Remove the infected shoot and fruit + Installed pheromone traps @ 12/ha (TNAU, TN)	AAU, Anand & TNAU, TN	1st year : T ₁ :157.1 qt T ₂ :173.3 qt T ₃ : 169.5 qt 2nd year: T ₁ :157.16 qt T ₂ :170.83 qt T ₃ :172.33 qt	qt /ha	1st year : T ₁ : 96950 T ₂ : 111000 T ₃ : 110550 2nd year: T ₁ : 96950 T ₂ : 108750 T ₃ : 113100	1st year : T ₁ :3.17 T ₂ :3.46 T ₃ : 3.63 2nd year: T ₁ : 3.17 T ₂ : 3.41 T ₃ : 3.69
T ₁ - Farmer's practice – feeding of locally available feeds and fodders T ₂ - T ₁ + Chelated minerals @ 30 gm/cow/day for 120 days T ₃ - T ₁ + Chelated minerals @ 30 gm/cow/day for 120 days + Bol. Fenbendazol @ 5-7.5 / kg body weight	NDRI, karnal	1st year : T ₁ :3.69 T ₂ :4.53 T ₃ : 5.43 2nd year: T ₁ :6.0 T ₂ :7.3 T ₃ :7.8	lit/day	1st year : T ₁ :1000 T ₂ :1700 T ₃ : 2000 2nd year: T ₁ : 13200 T ₂ : 17910 T ₃ : 19960	1st year : T ₁ :1.5 T ₂ :1.7 T ₃ : 1.8 2nd year: T ₁ : 2.1 T ₂ : 2.40 T ₃ : 2.55
T ₁ = Farmer's practice – feeding of locally available feeds and fodders T ₂ = T ₁ + 1.5kg fresh Azolla/day/cattle as nutrient supplement for 90 days	Bhutia <i>et al.</i> (2020)	1st year : T ₁ :7.5 T ₂ :8.3	lit/day	1st year : T ₁ : 14625 T ₂ : 18145	1st year : T ₁ : 2.62 T ₂ : 3.26

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

OFT: 1

Title: Varietal assessment of chickpea

Problem Definition: In dang district, productivity of chickpea is low because of improper cultivation of land and use of local varieties by farmers. Due to this severe wilt problem in local varieties which ultimately affect the growth and yield of chickpea. Chickpea required wilt resistance and high yielding variety for its better growth and development. Improper cultivation with local varieties reduce the plant population and ultimately it's reduce the crop yield.

Details of technologies selected for assessment:

Treatment:

T₁: Farmer variety (Local Varieties)

T₂: GJG 6

: **Input:** Seed, Novel organic fertilizer, *Rhizobium* and PSB

Source of technology: Pulse Research Station, JAU, Junagadh

Production system and thematic area: Irrigation & ICM

Performance of the technology with performance indicators:

Result: 1st year (2023-24)

Treatment	Technology Assessed	Yield (q/ha)	BCR
T ₁	Farmer variety (Local Varieties)	10.71	2.68
T ₂	GJG 6	12.81	3.71

Result: 2nd year (2024-25)

Treatment	Technology Assessed	Yield (q/ha)	BCR
T ₁	Farmer variety (Local Varieties)	9.91	3.30
T ₂	GJG 6	13.43	3.78

Result: 3rd year (2025-26) Result is awaited.

Farmers Feedback, matrix scoring of various technology parameters done through farmer's participation/ other scoring techniques:

Farmers Feedback

Final recommendation for micro level situation:

Constraints identified and feedback for research: Nil

Process of farmer's participation and their reaction:

1. Field day, Method demonstration, OFT visit *etc.*
2. Farmers are ready to adopt this technology

OFT: 2

Title: Varietal assessment of Indian bean in the Dangs district

Problem definition: Low yield of Farmers variety (due to lack of knowledge about proper scientific cultivation method and lack of knowledge about new released variety of State Agricultural Universities and Government Institutions.)

Details of Technologies selected for assessment: In the Dangs district, mostly Desi (Katargam) and other indeterminate variety of Indian bean is grown with low yield potential due to lack of knowledge about proper scientific cultivation and lack of knowledge about new released variety of State Agricultural Universities and Government Institutions.

GNIB 21 (>30.00 Q/ha) performed well under South Gujarat regions. This variety is Extra early, determinate, erect and dwarf plant type suitable as intercrop in Sugarcane, pigeon pea *etc.*

GNIB 22 (>40.00 Q/ha) performed well under South Gujarat regions. The variety is early, determinate and erect type with good market & cooking quality and yield, hence it is highly acceptable to the farmers and consumers. Its green pod fetches similar price to that of *surti papadi*.

OFT has been framed for comparing farmer adopted Desi (Katargam) variety to “GNIB-21” and “GNIB 22” variety.

Treatment: T₁: Farmers practices (Katargam)

T₂: GNIB 21 (2014)

T₃: GNIB 22 (2017)

Source of Technology: Navsari Agricultural University, Navsari (2016-17)

Production system and thematic area: irrigated & varietal Assessment

Performance of the Technology with performance indicators:

Result: 1st year (2023-24)

Treatment	Technology Assessed	Yield (Q/ha)	BCR
T ₁	Farmers practices (<i>Katargam</i>)	28.16	2.01
T ₂	GNIB 21	31.66	2.31
T ₃	GNIB 22	33.33	2.42

Result: 2nd year (2024-25)

Treatment	Technology Assessed	Yield (Q/ha)	BCR
T ₁	Farmers practices (Katargam)	28.25	1.95
T ₂	GNIB 21 (2014)	31.75	2.24
T ₃	GNIB 22 (2017)	33.25	2.34

Result: 3rd year (2025-26) Result is awaited.

Feedback, matrix scoring of various technology parameters done through farmer's participation/ other scoring Technique:

Final recommendation for micro level situation:

OFT: 3

Title: Varietal assessment of Brinjal in the Dangs district

Problem definition: Low yield of Farmers variety (due to lack of knowledge about proper scientific cultivation method and lack of knowledge about new released variety of State Agricultural Universities and Government Institutions.)

Details of Technologies selected for assessment: In the Dangs district, mostly Desi (Palanpuri) and other hybrid variety of Brinjal is grown with low yield potential due to lack of knowledge about proper scientific cultivation and lack of knowledge about new released variety of State Agricultural Universities and Government Institutions.

Gujarat Navsari Round Brinjal1 (>380 Q/ha) performed well under South Gujarat regions. GNRB-1 is a high yielding, anthocyanin rich variety which is suitable for cultivation in Kharif and Rabi Season. Most important feature of proposed variety is, it has lesser incidence of little leaf disease, has less number of whitefly and jassid population per leaf compare to standard checks

OFT has been framed for comparing farmer adopted Desi (Palanpuri) variety Gujarat Navsari Round Brinjal 1 variety.

Treatment: T₁: Farmers practices (Palanpuri)

T₂: GNRB 1

Source of Technology: Gujarat Navsari Round Brinjal 1

Production system and thematic area: irrigated & varietal Assessment

Performance of the Technology with performance indicators:

1st year (2024-25)

Treatment	Technology Assessed	Yield (Q/ha)	BCR
T ₁	Farmers practices (Palanpuri)	180.83	1.96
T ₂	GNRB 1	195.16	2.16

2nd year (2025-26) Result is awaited.

Feedback, matrix scoring of various technology parameters done through farmer's participation/ other scoring Technique:

Final recommendation for micro level situation:

OFT: 4

Title: Assessment of management of Fruit & Shoot borer in Okra

Problem definition: Low yield of Okra & High mortality due to Pest damage

Details of Technologies selected for assessment: Okra (*Abelmoschus esculentus*) is a vegetable crop widely grown during *Kharif / Rabi* season in Dangs district. Day by day increasing the area of Okra in this district gives comaparatively lower yield. Large number of hybrid available in the market but cost of seeds as well as higher incidence of pest affect yield. Assessment of such crop in Dangs district for best performance for growth and yield for avoid these problem OFT is taken.

Treatment: T₁: Farmers practice
T₂: Installation of Pheromone trap
T₃ : Spray Azadirachtin (Neem oil based) 1500 ppm

Source of Technology: NAU, Navsari (2001)

Production system and thematic area: Integrated pest management

Performance of the Technology with performance indicators:
Result:

Sr. No.	Year	No of trials	Area (ha)	Yield(Q/ha)		
				T ₁ : Farmers practice	T ₂ : Installation of Pheromone trap	T ₃ : Spray Azadirachtin (Neem oil based) 1500 ppm
1.	2021-22	06	3.6	81.16	99.5	107.0
2.	2022-23	Input not given due to the lack of grant.				
3.	2023-24	06	3.6	131.0	140.3	143.6
4.	2024-25	06	3.6	130.0	143.0	145.0

Feedback, matrix scoring of various technology parameters done through farmer’s participation/ other scoring Technique:
Final recommendation for micro level situation:

Conclusion:
On the basis of study carried out for three consecutive years it is summarized that T₃: Spray Azadirachtin (Neem oil based) 1500 ppm recorded the highest yield in comparison to T₂: Installation of Pheromone trap & T₁: Farmers practice so it is concluded that T₃: Spray Azadirachtin (Neem oil based) 1500 ppm proved the best pesticide for management of fruit & shoot borer in okra in tribal area of dang district.

OFT: 5

Title: Assessment of pheromone trap for the management of fruit & shoot borer in Brinjal

Problem definition: Low yield of Brinjal & High mortality

Details of Technologies selected for assessment: Brinjal is one of the most common vegetables grown in dang district. Immature fruits are used in curries and a variety of dishes are prepared out of bringal fruits are moderate source of vitamins and minerals like phosphorus, calcium and iron and nutrition value. Bringal is infected by fruit & shoot borer. Occasional out brack of this disease causing losses to farmer.

Treatment: T₁ : Farmers Practices
T₂ : Installation of pheromone traps @ 40 traps/ha (AAU,Anand)
T₃ : Remove the infected shoot and fruit + Installed pheromone traps @ 12/ha (TNAU,TN)

Source of Technology: AAU, Anand & TNAU, TN

Production system and thematic area: Integrated pest management

Performance of the Technology with performance indicators:

Sr. No.	Year	No of trials	Area (ha)	Yield(Q/ha)		
				T ₁ : Farmers practice	T ₂ : Installation of pheromone traps @ 40 traps/ha (AAU,Anand)	T ₃ : Remove the infected shoot and fruit + Installed pheromone traps @ 12/ha (TNAU,TN)
1.	2023-24	06	3.6	157.1	173.3	169.5
2.	2024-25	06	3.6	157.16	170.83	172.33
3.	2025-26	Ongoing				

Feedback, matrix scoring of various technology parameters done through farmer's participation/ other scoring Technique:

Final recommendation for micro level situation:

OFT: 6

Title: Use of Chelated minerals in the diet of crossbred HF cows

Problem definition: Low milk production due to mineral imbalance & parasitic infestation

Details of Technologies selected for assessment: Parasitic load and mineral imbalance are known to directly affect the milk production to cattle. The Dangs district is a hilly area with heavy rainfall. Animal lining in such area became prone to parasitic infection due to ingestion of infected grasses around stagnant water while grazing. A few years ago, people were using local breeds & traditional husbandry practices, but now a days they are rearing crossbred cows. These valuable animals are highly productive but due to particular geographical location such animals become infected with parasites which directly affects the milk production.

Moreover, in spite of high rain, there is water scarcity during summer season due to particular geographical condition. So, green fodder is not available during summer, hence these animals undergo mineral imbalance & improper feeding. The socio- economic status of farmers is not very good so, they could not feed their animals with mineral supplements. Such animals undergo negative energy balance due to malnutrition & high milk yield whatever the green grass these animals are grazing is surrounded by stagnant water & hence become infected by parasites. So, to overcome these problems of parasitic infestation & mineral imbalance we have identified following problems in proposed on farm testing programme.

Treatment: T₁- Farmer's practice – feeding of locally available feeds and fodders

T₂- T₁ + Chelated minerals @ 30 gm/cow/day for 120 days

T₃- T₁ + Chelated minerals @ 30 gm/cow/day for 120 days + Bol. Fenbendazol @ 5-7.5 / kg body weight

Source of Technology: NDRI, Karnal

Production system and thematic area: Feeding management

Performance of the Technology with performance indicators:

Result: 1st year

Treatment	Technology Assessed	Yield (Lit/day)	BCR
T ₁	Farmer's practice – feeding of locally available feeds and fodders	6.1	2.1
T ₂	T ₁ + Chelated minerals @ 30 gm/cow/day for 120 days	7.0	2.3
T ₃	T ₁ + T ₂ + Bol. Fenbendazol @ 5-7.5 / kg body weight	7.7	2.5

Result: 2nd year

Treatment	Technology Assessed	Yield (Lit/day)	BCR
T ₁	Farmer's practice – feeding of locally available feeds and fodders	6.0	2.10
T ₂	T ₁ + Chelated minerals @ 30 gm/cow/day for 120 days	7.3	2.40
T ₃	T ₁ + T ₂ + Bol. Fenbendazol @ 5-7.5 / kg body weight	7.8	2.55

Result: 3rd year Result is awaited.

Feedback, matrix scoring of various technology parameters done through farmer's participation/ other scoring Technique:

Final recommendation for micro level situation:

OFT: 7

Title: Effect of Fresh Azolla as a Feed Supplementation on Milk Yield and Fat Percentage in Dairy Cattle

Background:

India is the largest producer of milk in the world and livestock production is the main component of Indian economy. It plays a major role in providing nutritional and livestock security for millions of rural households in India. Livestock productions suffer acute shortage of feed and fodder and supplementation of readymade commercial feed result in increase in cost of production.

The search for alternative to green fodder led to a wonderful plant Azolla, which holds the promise of providing a sustainable feed for livestock. Azolla is a floating fern and belongs to the family of Azollaceae.

The common species of Azolla in India is Azolla pinnata.

Parasitic load and mineral imbalance are known to directly affect the milk production to cattle. The dang district is a hilly area with heavy rainfall. A few years ago, people were using local breeds & traditional husbandry practices, but now a days they are rearing crossbred cows. These valuable animals are highly productive but due to particular geographical location such animals become infected with parasites which directly affects the milk production. Moreover, in spite of high rain, there is water scarcity during summer season due to particular geographical condition. So, green fodder is not available during summer, hence these animals undergo mineral imbalance & improper feeding. Such animals undergo negative energy balance due to malnutrition & high milk yield. So, to overcome these problems of parasitic infestation & mineral imbalance we have identified following problems in proposed on farm testing.

Treatments :

T₁ = Farmer's practice – feeding of locally available feeds and fodders

T₂ = T₁ + 1.5kg fresh Azolla/day/cattle as nutrient supplement for 90 days

Detail of OFT Programme:

✓ No. of Villages : 05

✓ No. of animals: 05

Parameters to be evaluated/ recorded: The effect of fresh Azolla on milk yield and fat % in adopted village of The Dangs District.

Result: 1st year

Treatment	Technology Assessed	Yield (Lit/day)	BCR
T ₁	Farmer's practice – feeding of locally available feeds and fodders	7.5	2.62
T ₂	T ₁ + 1.5kg fresh Azolla/day/cattle as nutrient supplement for 90 days	8.3	3.26

Result: 2nd year Result is awaited.

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 2025 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
1	Chickpea	ICM	GJG 3	FLD, Training, Field Days, Farmers meeting, Exposure visit to KVK farm, Mass media	1	26	5
2	Finger millet	ICM	GNN 9 (Gira)		5	25	5
3	Little millet	ICM	GNV 4		3	25	5
4	Paddy	ICM	GR 18		3	25	5
5	Mango	ICM	Kesar		7	30	3
6	Okra	ICM	Novel & Biofertilizer		1	25	5
7	Indian bean	ICM	GNIB 22		2	25	5
8	Bittergourd	IPM	Cue lire trap		1	25	5
9	Cashewnut	IPM	Beauveria		1	25	5
10	Mango	IPM	Fruit fly trap		1	25	5
11	Finger millet	IDM	Pseudomonas		1	25	5
12	Little millet	IPM	Pheromone trap		1	25	5

B. Details of FLDs implemented during 2025 (**Kharif 2025, Rabi 2024-25, Summer 2025**) (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	
Pulse crops										
1.	Pigeon pea	ICM	GT 105	Rabi 2024-25	5	5.2	26	0	26	-
2.	Gram	ICM	GJG 3	Rabi 2024-25	5	5	25	0	25	-
3.	Black gram	ICM	GU 3	Rabi 2024-25	5	5	25	0	25	-
Other crops										
4.	Finger millet	ICM	CFMV 2	Kharif 2025	4	4	20	0	20	-
5.	Paddy	ICM	GR 18	Kharif 2025	15	15	30	0	30	-
6.	Little millet	ICM	GV 4	Kharif 2025	4	4	20	0	20	-
Horticultural other crops										
7.	Mango	ICM	Kesar	Kharif 2025	10	10	100	0	100	-
8.	Indian bean	ICM	GNIB 22	Rabi 2024-25	2.6	2.6	26	0	26	-
Plant Protection										
9.	Bittergourd	IPM	Fruit fly trap	Rabi 2024-25	5	5	25	0	25	-
10.	Mango	IPM	Fruit fly trap	Rabi 2024-25	5	5	25	0	25	-
11.	Paddy	IDM	<i>Pseudomonas</i>	Rabi 2024-25	5	5	25	0	25	-
Livestock										
12.	Sorghum	Fodder management	CSV21F Fodder sorghum	Rabi 2024-25	20	20	20	0	20	-

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	
FLD on Other Enterprise										
13.	Mushroom production	Mushroom production	Oyster musroom cultivation	Rabi 2024-25	125	125	125	0	125	-
FLDs under other schemes (Other than KVK-ICAR Budget-TSP, Adaptive trial, (Rabi, Summer-2024)										
Other crops										
14.	Paddy	ICM	GNR 8	Kharif 2025	25	25	50	0	50	-
15.	Paddy	ICM	GR 18	Kharif 2025	15	15	30	0	30	-
16.	Paddy	ICM	PUSA 2090	Kharif 2025	1	1	4	0	4	-
Horticultural crops										
17.	Mango	ICM	Kesar	Kharif 2025	10	10	100	0	100	-
18.	Mango	ICM	Kesar	Kharif 2025	6	6	60	0	60	-
19.	Mango	ICM	Sonpari	Kharif 2025	4	4	40	0	40	-
Ext. Edu.										
20.	Napier grass	ICM	Coimbtour 3	Summer 2025	1.25	1.25	25	0	25	-

Details of farming situation

Crop	Season	Farming situation (RI/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Pulse crops											
Pigeon pea	Rabi 2024-25	Rainfed	Lateritic black Hilly	H	M	H	Paddy	03-08-2024	12-01-2025	2854.5	85
Gram	Rabi 2024-25	Irrigated	Lateritic black Hilly	H	M	H	Paddy	16-11-2024	05-03-2025	0.0	00
Black gram	Rabi 2024-25	Irrigated	Lateritic black Hilly	H	M	H	Finger millet	27-12-2024	01-04-2025	0.0	00
Other crops											
Finger millet	Kharif 2025	Rainfed	Lateritic black Hilly	H	M	H	Pigeon pea	30-05-2025	11-10-2025	2095.5	780
Paddy	Kharif 2025	Rainfed	Lateritic black Hilly	H	M	H	Gram	04-06-2025	15-10-2025	2095.5	78
Little millet	Kharif 2025	Rainfed	Lateritic black Hilly	H	M	H	Black gram	13-06-2025	16-10-2025	2095.5	78

Horticultural other crops											
Mango	Rabi 2024-25	Irrigated	Lateritic black Hilly	H	M	H	Mango	14-06-2024	02-04-2025	2828.5	82
Indian bean	Rabi 2024-25	Irrigated	Lateritic black Hilly	H	M	H	Gram	20-11-2024	13-04-2025	0.0	00
Plant Protection											
Bittergourd	Rabi 2024-25	Irrigated	Lateritic black Hilly	H	M	H	Paddy	24-12-2024	01-03-2025	0.0	00
Mango	Kharif 2025	Irrigated	Lateritic black Hilly	H	M	H	Mango	08-08-2025	27-11-2025	956	43
Paddy	Kharif 2025	Rainfed	Lateritic black Hilly	H	M	H	Gram	20-05-2025	01-12-2025	2295	90
Livestock											
Sorghum	Rabi 2024-25	Irrigated	Lateritic black Hilly	H	M	H	Paddy	08-08-2025	22-12-2025	956	43
FLD on Other Enterprise											
Mushroom production	Rabi 2024-25	Irrigated	Lateritic black Hilly	H	M	H	-	12-03-2024	16-03-2025	2854.5	85
FLDs under other schemes (Other than KVK-ICAR Budget-TSP, Adaptive trial, (Rabi, Summer-2024)											
Other crops											
Paddy	Kharif 2025	Rainfed	Lateritic black Hilly	H	M	H	Gram	06-06-2025	01-10-2025	2086.5	76
Paddy	Kharif 2025	Rainfed	Lateritic black Hilly	H	M	H	Gram	10-06-2025	11-10-2025	2095.5	78
Paddy	Kharif 2025	Rainfed	Lateritic black Hilly	H	M	H	Paddy	09-06-2025	06-11-2025	2242.0	86
Horticultural crops											
Mango	Kharif 2025	Irrigated	Lateritic black Hilly	H	M	H	Mango	03-04-2024	17-04-2025	2713.5	68
Mango	Kharif 2025	Irrigated	Lateritic black Hilly	H	M	H	Mango	07-09-2024	24-04-2025	456.5	22
Mango	Kharif 2025	Irrigated	Lateritic black Hilly	H	M	H	Mango	19-07-2024	12-04-2025	2713.5	68
Ext. Edu.											
Napier grass	Summer 2025	Irrigated	Lateritic black Hilly	H	M	H	Paddy	22-01-2025	28-06-2025	750.5	26

Technical Feedback on the demonstrated technologies

Sr. No.	Discipline	Feed Back
1.	Crop Production	Higher demand for trustful indigenous varieties of paddy among farmers.
2.		GU 3 Variety of Black Gram found excellent in quality and yield.
3.	Horticulture	GNIB 21 and GNIB 22 gave higher yield compare to Katargam variety.
4.	Plant Protection	Spawn of oyster mushroom of center of excellence of mushroom CAW, waghai is too good.
5.		Cue lure trap in bittergourd give excellent result.
6.	Animal Science	Supplementation mineral mixture can lead to better reproductive efficiency & reduced calving interval.
7.	Extension Education	Lack of marketing facility in the Dang district.

Farmers' reactions on specific technologies

Sr. No.	Discipline	Feed Back
1.	Crop Production	Need standard procedure for preparation of Bijamrut and Jeevamrut.
2.	Horticulture	Required recommendation for Natural Farming in mango and cashew nut.
3.	Plant Protection	Need scientific recommendation in disease management in Natural Farming.
4.	Animal Science	To develop nutritional feed for milch animals.

Extension and Training activities under FLD

Sl. No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	06	Jan – Dec 2025	164	
2	Farmers Training	21	Jan – Dec 2025	827	-
3	Media coverage	11	Jan – Dec 2025	-	-
4	Training for extension functionaries	-	-	-	-

C. Performance of Frontline demonstrations

Performance of Frontline demonstrations (*Rabi 2024, Kharif, Summer-2025*)

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										
Crop Production																		
Pigeon pea	ICM	New variety	GT 105	26	5.2	13.75	12.30	13.19	10.35	27.44	20000	65950	45950	3.30	18000	51750	33750	2.88
Gram	ICM	New variety	GJG 3	25	5	12.95	11.95	12.42	9.30	33.56	16000	57132	41132	3.57	13800	39990	26190	2.9
Black gram	ICM	New variety	GU 3	25	5	8.20	6.90	7.51	5.44	38.02	20000	52598	32598	2.63	18000	38108	20108	2.12

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

FLDs on Other crops (*Kharif 2025*):

Category & Crop	Thematic Area	Name of the technology	Variety/ Input	No. of Farmers	Area (ha)	Yield (q/ha)				% Change 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)
						H	L	Av.										
Crop Production																		
Finger millet	ICM	New variety	CFMV 2	20	4	13.00	11.40	12.34	10.49	17.64	14000	50594	36594	3.61	14000	43009	29009	3.07
Paddy	ICM	New variety	GR 18	30	15	24.90	20.88	22.32	18.99	17.54	23000	46872	23872	2.04	25000	39879	14879	1.60
Little millet	ICM	New variety	GV 4	20	4	12.70	10.05	11.92	10.24	16.41	14000	41720	27720	2.98	14000	35840	21840	2.56
Horticultural other crops (2025)																		
Mango	ICM	New variety	Kesar	100	10	Survival rate 70-75%												
Indian bean	ICM	New variety	GNIB 22	26	2.6	39	31	34.69	28.15	23.46	41923.08	76323.08	34400	1.82	43038.46	61938.46	18900	1.43
Plant Protection (2024-25)																		

Category & Crop	Thematic Area	Name of the technology	Variety/ Input	No. of Farmers	Area (ha)	Yield (q/ha)				% Change 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)
						H	L	Av.										
Bittergourd	IPM	Fruit fly trap	Local varieties	25	5	92	87	89.76	79.32	13.24	60000	206448	146448	3.4	59500	182436	122936	3.06
Mango	IPM	Fruit fly trap	Local varieties	25	5	55	50	52.46	40.88	28.60	61000	241408	180408	3.95	58000	188048	130048	3.24
Paddy	IDM	<i>Psudomonas</i>	Local varieties	25	5	23.2	19.8	21.92	18.35	19.52	23100	46048.8	22948.8	1.99	22800	38539.2	15739.2	1.69

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

Note: Production of only healthy fruits (Undamaged fruits) records.

ICM: Intrigret Crop Management

IPM: Intrigreted Pest Management

FLD on Livestock (Rabi, Summer-2025):

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units (Animal/ Poultry/ Birds, etc)	Major parameters lit/cow/day		% 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 cow (KVK regular)																	
1.	Nutrition management	Mineral Mixture	30	30	8.4	7.2	16.67	-	-	2300	5600	3300	2.43	2200	4600	2400	2.09
2.	Fodder management	CSV21F Fodder sorghum	20	20	308 (q/ha)	267 (q/ha)	15.36	-	-	23000	77000	54000	3.34	24000	66750	42750	2.78

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

FLD on Other Enterprise: (Rabi-2025):

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area/Unit (ha)	Yield (Kg/ha)		% change in yield	Economics of demonstration (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	BCR (R/C)
Plant Protection	Mushroom production	Oyster mushroom cultivation	125	125	8 kg/ 1 kg spawn	-	-	300	1600	1300	5.3
	Bee keeping	Bee hives of Apis melifera	21	-	11 kg/ 1 Honey bee box	-	-	2500	5500	3000	2.2

FLD on Farm Implements and Machinery

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

* 1day=8 hours & Lebour cost/day=389 Rs.

FLDs under other schemes (Other than KVK-ICAR Budget-TSP, Adaptive trial, (Rabi, Summer-2025):

Category & Crop	Thematic Area	Name of the technology	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Economics of demonstration* (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR** (R/C)
						High	Low	Ave.						
Crop Production														
Paddy	ICM	New variety	GNR 8	50	25	22.72	20.46	21.83	18.52	17.87	23000	39294	16294	1.71
Paddy	ICM	New variety	GR 18	30	15	23.88	20.72	22.24	18.62	19.44	23000	46704	23704	2.03
Paddy	ICM	New variety	PUSA 2090	4	1	27.20	25.24	26.05	29.15	-10.63	28000	52100	27100	1.86
Oilseed														
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulse crops														
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Horticultural														
Mango	ICM	New variety	Kesar	100	10	Survival rate 70-72%								
Mango	ICM	New variety	Kesar	60	6	Survival rate 70-75%								
Mango	ICM	New variety	Sonpari	40	4	Survival rate 67-72%								
Ext. Education														

Category & Crop	Thematic Area	Name of the technology	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Economics of demonstration* (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR** (R/C)
						High	Low	Ave.						
Napier grass	ICM	New variety	Coimbtour 3	25	1.25	2130	1860	1920	1570	22.29	80000	288000	208000	3.60

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

Ongoing FLDs of KVK Regular (2025-26)

Sr. No.	Discipline	Season	Crop/ Enterprise	Variety/ Technology Input	Area (ha)	No. of Demo.
1.	Crop Production	Rabi, 2025-26	Pigeon pea	GT 105	5	25
2.		Rabi, 2025-26	Sunnhemp	GNSUN 1(Vijay)	10	25
3.		Rabi, 2025-26	Chickpea	GJG 6	6	30
4.	Horticulture	Kharif, 2025-26	Elephant Foot Yam	Swagata	0.13	6
5.		Kharif, 2025-26	Mango	Sonpari	4	40
6.		Kharif, 2025-26	Mango	Kesar	10	100
7.		Rabi, 2025-26	Indian bean	GNIB 22	2.5	25
8.	Plant Protection	Rabi, 2025-26	Gram	<i>Trichoderma</i>	5	25
9.		Rabi, 2025-26	Mushroom	Oyster Mushroom	-	25
10.	Animal Science	Rabi, 2025-26	Cross Breed Cow	Mineral Mixture	-	30
11.	Home Science	Rabi, 2025-26	Kitchen garden kit	Vegetable Seeds & Seedlings	0.2	25
Total					42.83	356

IX. Demonstrations given under other schemes (Kharif/Rabi/Summer,2025-26):

Sr. No.	Scheme/ Particulars of the FLD	Season	Crop	Variety/ Component/ Technology	Area/Unit	No. of Demo.
I	Adaptive trial (Phase-2)					
1.	Horticulture	<i>Kharif</i> , 2025-26	Mango	Kesar	10	100
2.		<i>Rabi</i> , 2025-26	Brinjal	Grafted brinjal	100 Nos. per farmers	10
3.	Plant Protection	<i>Rabi</i> , 2025-26	Mushroom	Oyster Mushroom	85 Unit	85
4.	Extension Education	<i>Rabi</i> , 2025-26	Line sowing crops	Hand Weeder	50 Unit	50
Total					10 ha & 235 unit	245

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	1				46	4	50	46	4	50
Resource Conservation Technologies										
Cropping Systems	1				25	0	25	25	0	25
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production	1				25	5	30	25	5	30
Nursery management										
Integrated Crop Management	3				42	59	101	42	59	101
Soil & water conservation										
Integrated nutrient management										
Production of organic inputs										
Others (pl. specify)	6				78	135	213	78	135	213
Total	12				216	203	419	216	203	419
II Horticulture										
a) Vegetable Crops										
Production of low value and high value crops	1				21	5	26	21	5	26
Off-season vegetables	1				1	24	25	1	24	25
Nursery raising	4				71	87	158	71	87	158
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)	1				20	15	35	20	15	35
Total (a)	7				113	131	244	113	131	244
b) Fruits										
Training and Pruning	1				29	6	35	29	6	35
Layout and Management of Orchards										
Cultivation of Fruit	2				47	52	99	47	52	99
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	3				76	58	134	76	58	134
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology	1				21	1	22	21	1	22
Processing and value addition										
Others (pl specify)										
Total (d)	1				21	1	22	21	1	22
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
Grand Total (a to g)	11				210	190	400	210	190	400
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify) NF	10				860	163	1023	860	163	1023
Total	10				860	163	1023	860	163	1023
IV Livestock Production and Management										
Dairy Management	2				3	71	74	3	71	74
Poultry Management	3				65	75	140	65	75	140
Piggery Management										
Rabbit Management										
Animal Nutrition Management	1				2	26	28	2	26	28
Disease Management										
Feed & fodder technology	4				41	123	164	41	123	164
Production of quality animal products										
Others (pl specify)	2				25	48	73	25	48	73
Total	12				136	343	479	136	343	479
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	1				82	19	101	82	19	101
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	2				13	38	51	13	38	51
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify) NF	1				0	25	25	0	25	25
Total	4				95	82	177	95	82	177
VI Agril. Engineering										
Farm Machinery and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management	2				7	71	78	7	71	78
Integrated Disease Management	5				28	121	149	28	121	149
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify) NF	3				75	18	93	75	18	93

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Total	10				110	210	320	110	210	320
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production	1				29	1	30	29	1	30
Vermi-compost production	1				13	0	13	13	0	13
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total	2				42	1	43	42	1	43
X CapacityBuilding and Group Dynamics										
Leadership development										
Group dynamics	2				57	35	92	57	35	92
Formation and Management of SHGs										
Mobilization of social capital	1				18	16	34	18	16	34
Entrepreneurial development of farmers/youths	2				30	25	55	30	25	55
WTO and IPR issues										
Others (pl specify) NF	2				73	67	140	73	67	140
Total	7				178	143	321	178	143	321
XI Agro-forestry										
Production technologies										
Nursery management	1				4	26	30	4	26	30
Integrated Farming Systems	1				23	2	25	23	2	25
Others (pl specify)										
Total	2				27	28	55	27	28	55
GRAND TOTAL	70				1874	1363	3237	1874	1363	3237

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										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production	1				32	3	35	32	3	35
Nursery management										

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Integrated Crop Management	1				17	3	20	17	3	20
Soil & water conservation										
Integrated nutrient management										
Production of organic inputs	1				12	23	35	12	23	35
Others (pl specify) NF	6				141	137	278	141	137	278
Total	9				202	166	368	202	166	368
II Horticulture										
a) Vegetable Crops										
Production of low value and high value crops	1				34	0	34	34	0	34
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify) NF	3				116	17	133	116	17	133
Total (a)	4				150	17	167	150	17	167
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
Grand Total (a to g)	4				150	17	167	150	17	167
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify) NF	9				924	201	1125	924	201	1125
Total	9				924	201	1125	924	201	1125
IV Livestock Production and Management										
Dairy Management	1				3	27	30	3	27	30
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management										
Disease Management	2				73	70	143	73	70	143
Feed & fodder technology	1				0	34	34	0	34	34
Production of quality animal products										
Others (pl specify)										
Total	4				76	131	207	76	131	207
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	1				36	3	39	36	3	39
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	1				3	30	33	3	30	33
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care	1				22	63	85	22	63	85
Others (pl specify)										
Total	3				61	96	157	61	96	157
VI Agril. Engineering										
Farm Machinery and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management	3				71	9	80	71	9	80
Integrated Disease Management	3				88	56	144	88	56	144
Bio-control of pests and diseases	1				23	2	25	23	2	25
Production of bio control agents and bio pesticides	1				25	2	27	25	2	27
Others (pl specify) NF	2				28	22	50	28	22	50
Total	10				235	91	326	235	91	326
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production	1				20	11	31	20	11	31
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total	1				20	11	31	20	11	31
X Capacity Building and Group Dynamics										
Leadership development	1				26	10	36	26	10	36
Group dynamics	2				64	33	97	64	33	97
Formation and Management of SHGs										
Mobilization of social capital	1				15	15	30	15	15	30
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total	4				105	58	163	105	58	163
XI Agro-forestry										
Production technologies	1				24	6	30	24	6	30
Nursery management										
Integrated Farming Systems										
Others (pl specify) NF	3				59	42	101	59	42	101
Total	4				83	48	131	83	48	131
GRAND TOTAL	48				1856	819	2675	1856	819	2675

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	1				46	4	50	46	4	50
Resource Conservation Technologies										
Cropping Systems	1				25	0	25	25	0	25
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production	2				57	8	65	57	8	65
Nursery management										
Integrated Crop Management	4				59	62	121	59	62	121
Soil & water conservation										
Integrated nutrient management										
Production of organic inputs	1				12	23	35	12	23	35
Others (pl specify) NF	9				219	272	491	219	272	491
Total	21				418	369	787	418	369	787
II Horticulture										
a) Vegetable Crops										
Production of low value and high value crops	2				55	5	60	55	5	60
Off-season vegetables	1				1	24	25	1	24	25
Nursery raising	4				71	87	158	71	87	158
Exotic vegetables										
Export potential vegetables										

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Grading and standardization										
Protective cultivation										
Others (pl specify) NF	4				136	32	168	136	32	168
Total (a)	11				263	148	411	263	148	411
b) Fruits										
Training and Pruning	1				29	6	35	29	6	35
Layout and Management of Orchards										
Cultivation of Fruit	2				47	52	99	47	52	99
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	3				76	58	134	76	58	134
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology	1				21	1	22	21	1	22
Processing and value addition										
Others (pl specify)										
Total (d)	1				21	1	22	21	1	22
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
Grand Total (a to g)	15				360	207	567	360	207	567
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify) NF	19				1784	364	2148	1784	364	2148
Total	19				1784	364	2148	1784	364	2148
IV Livestock Production and Management										
Dairy Management	3				6	98	104	6	98	104
Poultry Management	3				65	75	140	65	75	140
Piggery Management										
Rabbit Management										
Animal Nutrition Management	1				2	26	28	2	26	28
Disease Management	2				73	70	143	73	70	143
Feed & fodder technology	5				41	157	198	41	157	198
Production of quality animal products										

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Others (pl specify) NF	2				25	48	73	25	48	73
Total	16				212	474	686	212	474	686
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	2				118	22	140	118	22	140
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	3				16	68	84	16	68	84
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care	1				22	63	85	22	63	85
Others (pl specify) NF	1				0	25	25	0	25	25
Total	7				156	178	334	156	178	334
VI Agril. Engineering	0				0	0	0	0	0	0
Farm Machinery and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management	5				78	80	158	78	80	158
Integrated Disease Management	8				116	177	293	116	177	293
Bio-control of pests and diseases	1				23	2	25	23	2	25
Production of bio control agents and bio pesticides	1				25	2	27	25	2	27
Others (pl specify) NF	5				103	40	143	103	40	143
Total	20				345	301	646	345	301	646
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production	1				29	1	30	29	1	30
Vermi-compost production	2				33	11	44	33	11	44
Organic manures production										
Production of fry and fingerlings										

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total	3				62	12	74	62	12	74
X Capacity Building and Group Dynamics										
Leadership development	1				26	10	36	26	10	36
Group dynamics	4				121	68	189	121	68	189
Formation and Management of SHGs										
Mobilization of social capital	2				33	31	64	33	31	64
Entrepreneurial development of farmers/youths	2				30	25	55	30	25	55
WTO and IPR issues										
Others (pl specify) NF	2				73	67	140	73	67	140
Total	11				283	201	484	283	201	484
XI Agro-forestry										
Production technologies	1				24	6	30	24	6	30
Nursery management	1				4	26	30	4	26	30
Integrated Farming Systems	1				23	2	25	23	2	25
Others (pl specify) NF	3				59	42	101	59	42	101
Total	6				110	76	186	110	76	186
GRAND TOTAL	118				3730	2182	5912	3730	2182	5912

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

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management	1				0	34	34	0	34	34
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care	1				0	30	30	0	30	30
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers	1				0	24	24	0	24	24
Capacity building for ICT application										
Management in farm animals	1				0	25	25	0	25	25
Livestock feed and fodder production										
Household food security										
Any other (pl.specify) Kitchen garden	1				8	10	8	8	10	8
TOTAL	5				8	123	131	8	123	131

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

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

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL										

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

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management	1				0	34	34	0	34	34
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care	1				0	30	30	0	30	30
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers	1				0	24	24	0	24	24
Capacity building for ICT application										
Management in farm animals	1				0	25	25	0	25	25
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)	1				8	10	8	8	10	8
TOTAL	5				8	123	131	8	123	131

Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops	3				85	115	200	85	115	200
Commercial production of vegetables	4				71	87	158	71	87	158
Production and value addition										
Fruit Plants	1				18	50	68	18	50	68
Ornamental plants										
Spices crops										
Soil health and fertility management										
Production of Inputs at site										
Methods of protective cultivation										
Others (pl. specify) NF, Horticulture	14				353	275	628	353	275	628
Total	22				527	527	1054	527	527	1054
Post harvest technology and value addition										

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Processing and value addition	3				18	63	81	18	63	81
Others (pl. specify)										
Total	3				18	63	81	18	63	81
Farm machinery										
Farm machinery, tools and implements										
Others (pl. specify)										
Total										
Livestock and fisheries										
Livestock production and management	3				27	74	101	27	74	101
Animal Nutrition Management	3				39	95	134	39	95	134
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Others (pl. specify)										
Total	6				66	169	235	66	169	235
Home Science										
Household nutritional security	2				118	22	140	118	22	140
Economic empowerment of women										
Drudgery reduction of women										
Others (pl. specify)										
Total	2				118	22	140	118	22	140
Agricultural Extension										
CapacityBuilding and Group Dynamics	1				25	26	51	25	26	51
Others (pl. specify) Plant Protection, Ext. Edu.	9				215	170	385	215	170	385
Total	10				240	196	436	240	196	436
GRAND TOTAL	43				969	977	1946	969	977	1946

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

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Commercial floriculture										
Commercial fruit production										
Commercial vegetable production										
Integrated crop management										
Organic farming	1				0	25	25	0	25	25
Others (pl. specify) Production of azolla	1				4	28	32	4	28	32
Total	2				4	53	57	4	53	57
Post harvest technology and value addition										
Value addition	3				2	78	80	2	78	80
Others (pl. specify)										
Total										
Livestock and fisheries										
Dairy farming										
Composite fish culture										
Sheep and goat rearing	1				31	27	58	31	27	58
Piggery										
Poultry farming										
Others (pl. specify)										
Total	4				33	105	138	33	105	138
Income generation activities										
Vermicomposting										
Production of bio-agents, bio-pesticides, bio-fertilizers etc.										
Repair and maintenance of farm machinery and implements										
Rural Crafts										
Seed production										
Sericulture										
Mushroom cultivation										

Area of training	No. of Courses	No. of Participants								
		General/ Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery, grafting etc.										
Tailoring, stitching, embroidery, dyeing etc.										
Agril. para-workers, para-vet training										
Others (pl. specify) Nutri-rich preparation	1				0	31	31	0	31	31
Total	1				0	31	31	0	31	31
Agricultural Extension										
Capacity building and group dynamics										
Others (pl. specify)										
Total										
Grand Total	7				37	189	226	37	189	226

3.5. Extension Programmes

Sr. No.	Name of activities	No. of activities	No. of participants		
			Male	Female	Total
1.	Lecture Delivered	320	23758	12260	36018
2.	Field Visit	62	276	148	424
3.	FLD Visit	69	123	32	155
4.	OFT Visit	15	34	12	46
5.	Scientists Visit to Farmers Field	54	102	41	143
6.	Farmers Visit to KVK	104	1593	1552	3145
7.	Diagnostic Visit	63	204	68	272
8.	Exposure Visit	15	284	108	392
9.	Kisan Gosties	36	1929	1323	3252
10.	Animal Camps	1	2	18	20
11.	Field Day	6	107	57	164
12.	Farmers Fair	5	2108	629	2737
13.	Method Demonstrations	156	5132	2718	7850
14.	Farmers Scientist Interaction	99	1709	1036	2745
15.	Farmers Meetings	34	1467	1153	2620
16.	Film Show	48	2521	817	3338
17.	Exhibition	96	9191	5689	14880
18.	BRS students placement	15	111	79	190
19.	TV, Radio Talk	9	412	106	518
20.	Farm School	10	139	90	229
21.	Soil Health Campaigns	1	65	20	85
22.	Mahila Mandal Convener meet	1	0	15	15
23.	Celebration of Important Days	26	8516	6635	15151
24.	Farmers Workshop, Seminar	7	1106	433	1539
25.	Survey work	48	3469	1023	4492
26.	Swachh Bharat Abhiyan	3	323	173	496
27.	Video send to Farmers mobile	17	12913	0	12913
28.	Telephone Helpline	95	5556	0	5556
29.	PHC Diagnostic Services	61	56	14	70
Total		1476	83206	36249	119455

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

Details of other extension programmes:

Sr. No.	Name of activities	Particular
1.	News coverage	104
2.	Success story	03
3.	Research Paper	02
4.	Popular Article	14
5.	Books	02
6.	Book Chapter	01
7.	Technical Report	293
8.	Participation (Meeting, Seminar, Conferance, Workshops, Trainings)	137
9.	Kisan SMS/WhatsApp SMS	76 (78288 No. of Farmers)
10.	Voice messages	46 (155218 No. of Farmers)
11.	Telephone helpline	5556 (No. of Farmers)
12.	Other activities/duties: (Teaching, Examination-Supervision, Election, Krushi Mahotsav)	99
	Total	6333

3.6 Online activities during year 2025

S. No.	Activity Type	Mode of implementation (Video conferencing / Audio Conferencing / Facebook Live / YouTube Live/ Zoom/ Google meet/ Webex etc.)	Title of Program	No. of Programmes	No. of Participants/ Views
A	Farmers training				
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	-	-	-	-	-
	Total				
B	Farmers scientist's interaction programme				
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
	Total				
C	Farmers seminars				
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
	Total				
D	Expert lectures				
1		Youtube Live	Poshan nu mahatv : Aapadu	1	518

			aarogy aapada hathama		
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
	Total				
E	Any other (Pl. specify)				
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
	Total				
	Grand Total (A+B+C+D+E)			1	518

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

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (g)	Value (Rs)	Number of farmers
Cereal crop	Paddy	GR 18	-	13.3	-	-
	Paddy	GR17	-	12.6	-	-
	Paddy	GR 8	-	8.4	-	-
Pluse crop	Gram	GM 7	-	4.65	-	-
	Blackgram	GU 3	-	0.6	-	-
	Green gram	GM 9	-	4.65	-	-
	Frenchbean	GNIB 22	-	0.25	-	-

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
Vegetable seedlings						
	Brinjal	GNRB 1	-	2170	-	-
	Chilli	-	-	2050	-	-
	Tomato	GT 7	-	1550	-	-
Fruits						
	Mango	Kesar	-	2000	-	-
Total	04	-	-	7770	-	-

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity	Value (Rs.)	No. of Farmers
		Kg/Lit		
-	-	-	-	-

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
-	-	-	-	-	-	-	-

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	Citation/ Title	Authors name	Number
Research papers	In vitro Evaluation of Fungicide and bio Control Agents (BCA) against Leaf Blight of sorghum (<i>Sorghum bicolor</i> L.) caused by <i>Exserohilum turcicum</i> (Pass.) Leonard and suggs	Dr. Bipin M. Vahuniya	01
	Chickpea (<i>Cicer arietinum</i> L.) production enhancement through frontline demonstration	Dr. Bipin M. Vahuniya, Dr. Pratik P. Javiya, Dr. Sagar A. Patel, Dr. Harshad A. Prajapati and Mr. Rakesh S. Patel	01
Technical reports	Information regarding Natural farming activities, 16 to 31 December 2024	Dr. J. B. Dobariya	01
	Revised mail Regarding Best Extension Scientist award :2023-24	Dr. J. B. Dobariya	01
	Monthly Progress Report December 2024	Dr. J. B. Dobariya	01
	Provide Quarterly Progress report: Oct-Dec 2024 of Natural Farming of KVK	Dr. J. B. Dobariya	01
	Regarding publication of the NAU spectrum news bulletin for the period of Oct.-24 to Dec.-24.	Dr. J. B. Dobariya	01
	Reg- Details of Major Activities/ Special Events conducted by KVKs under the project 'Out scaling of Natural Farming through KVKs' F.Y. 2023-24	Dr. J. B. Dobariya	01
	Information regarding Natural farming activities, 01/01/2025 to 15/01/2025	Dr. J. B. Dobariya	01
	List of the Scientists and Farmer Master Trainers (FMTs) from Agricultural Universities for training at Centers of Natural Farming (CoNF)	Dr. J. B. Dobariya	01
	TSP Q3 report	Dr. P. P. Javiya	01
	SAP Q3 report	Dr. P. P. Javiya	01
	Monthly Progress Report January 2025	Dr. J. B. Dobariya	01
	Invitation for the 24th SAC meeting	Dr. J. B. Dobariya	01
	Information regarding Natural farming activities, 16 to 30 January 2025	Dr. J. B. Dobariya	01
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	Release the press note of SAC meetin	Dr. J. B. Dobariya	01
	Significant Achievements of KVKs during last 10 Years	Dr. J. B. Dobariya	01
	Information of KVK (Justification for Best KVK	Dr. J. B. Dobariya	01
	Information regarding Natural farming activities, 01 to 15 February	Dr. J. B. Dobariya	01
	TARGETS AND ACHIEVEMENTS OF MAJOR ACTIVITIES OF KVK:2024	Dr. J. B. Dobariya	01
	Press Note of Pradhanmantri Kisan Sanman Samaroh	Dr. J. B. Dobariya	01
	PM kisan sanman nidhi 19th instAll Staffment reporting KVK Dang	Dr. J. B. Dobariya	01
	Release the press note regarding workshop of capacity Building Programme: Awareness Programme on Exports	Dr. J. B. Dobariya	01
	એપ્રિલ -શી ઓક્ટોબર ૨૦૨૫ -૨૦૨૫ દરમિયાન પ્રસારીત	Dr. J. B. Dobariya	01

થનાર કૃષિ વિષયક કાર્યક્રમ માટે વિષયવ્યાખ્યાનોની / માહિતી		
24 th SAC Meeting Report of KVK, NAU, Dangs, Gujarat	Dr. L. V. Ghetiya	01
TSP megaseed Q4 report	Dr. P. P. Javiya	01
Report of celebration of International Womens Day	Dr. H. A. Prajapati	01
Report of Out scaling of Natural Farming	Dr. H. A. Prajapati	01
Information regarding Natural farming activities, 16 to 28 February 2025	Dr. J. B. Dobariya	01
Progress Report of TSP for the Quarter 4th and the Whole Year 2024-25	Dr. J. B. Dobariya	01
Monthly Progress Report February 2025	Dr. J. B. Dobariya	01
વિકાસ ખર્ચ યોજનાઓની ચોથી સમીક્ષા બેઠક (પ્લાન))Review Meeting) ની માહિતી મોકલી આપવા બાબત.	Dr. J. B. Dobariya	01
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Providing information regarding skill Development training	Dr. J. B. Dobariya	01
Monthly Progress Report March 2025	Dr. J. B. Dobariya	01
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Progress report of TSP megaseed 2024-25	Dr. P. P. Javiya	01
Targets of TSP megaseed 2025-26	Dr. P. P. Javiya	01
Revised Training_and_special_programmes 2024	Dr. J. B. Dobariya	01
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	Krushvi vigyan kendra dvara pradhanmantri kisan sanman samaroh karyakramni ujavani karavama aavi	Gujarat Raksha News	01
	Krushvi vigyan kendra dvara pradhanmantri kisan sanman samaroh karyakramni ujavani karavama aavi	Giranar News Chenal	01
	Krushvi vigyan kendra dvara "kisan sanman samaroh" karyakram ma jillana pragatishil kedutone sanmanit karayaa	Vatsyalaa Samachar	01
	Krushvi vigyan kedra khate khetina utpadit vstuonu aayat ane nikas angenu jagruti karyakram yojayu.	Vatsyalaa Samachar	01
	Krushvi vigyan kedra khate khetina utpadit vstuonu aayat ane nikas angenu jagruti karyakram yojayu.	Giranar News Chenal	01
	Krushvi vigyan kedra khate khetina utpadit vstuonu aayat ane nikas angenu jagruti karyakram yojayu.	Vatsyalaa Samachar	01
	Krushvi Vigyan Kendra khate aayojit SAC Meetingmaa Hon. VC Sir no sandesh	DD Giranar News Chenal	01
	Waghai-Dang Krushi Vigyan Kendra dvara 24mi vaigyanik salahkar samitini bethak mali	Nyaydarshan, Waghai	01
	Dangana Khedutone masharoomni khetini apay rahi chhe tallim	YouTub Chenal	01
	Krushvi vigyan kedra khate khetina National Misson On Natural Farming yojana antrgat 5 divsiya talim yojai	YouTub Chenal	01
	Krushvi vigyan kedra khate khetina National Misson On Natural Farming yojana antrgat 5 divsiya talim yojai	Vidhan Sandesh	01
	Krushvi vigyan kedra khate khetina National Misson On Natural Farming yojana antrgat 5 divsiya talim yojai	Gujarat Raksha	01
	Krushvi vigyan kedra khate khetina Madhmakhi Divasni Ujavani karai	Manthan Dainik News	01
	Krushvi vigyan kedra khate khetina Madhmakhi Divas-	Vatshalaya Samachar	01

2025 ujavayo		
Krushu vlgan kedra khate khetina Madhmakhi Divasni Ujavani karai	YouTub Chenal	01
Viksiti Krushu Sankalp abhiyan antargat K.V.K Dang dvara 90 gamonama krushu pradarshannu aayojan	Satya Day News	01
Viksiti Krushu Sankalp abhiyan dvara Krushu Vigyanink pohanchi khedutna barane	Tahelka News	01
Dang Jilnana 8710 Khedutone khetivishayk margdarshan	Gujarat Raksha	01
KVK Navsaari Krushu Univarsity Dangana Vaigyaniko Dang jillana 8710 khedutona davare pahonchi kheti vishayk mahiti puri padi	Vastyalya Samachar	01
Waghahi khate Viksiti Krushu Sankalp abhiyan karyakramni ujavani	Nyandarshan	01
Dang Jilnana 8710 Khedutone kheti vishayk mahiti aapi	Damanganga Times News	01
Viksiti Krushu Sankalp abhiyan darmiyan 8710 Khedut ye bhag lidho	Man Manch Dainik New	01
Dangana Vaigyaniko Dang jillana 8710 khedutona davare Kheti pahonchi	BBC Gujarti News	01
KVK Dang dvara viksiti krushu sankalp abhiyan Karyakramni ujavani karavama aavi	Gujarat Raksha	01
Krushu Vigyan kendra waghahi(Dang) dvara " Gajar Ghas Jagruti SAPtlah: ni Ujavani karvama aavi	NBI Newas	01
Krushu vlgan kendra waghahi dvara Dagadpada khate off Campus talimnu aayojan karavama aavyu	Gujarat Raksha News	01
Krushu Vigyan kendra waghahi(Dang) dvara " Gajar Ghas Jagruti SAPtlah: ni Ujavani karvama aavi	Vatshalaya Samachar	01
Dang khate kruhi vlgan kendra waghahi dvara Gajar Ghas Jagruti SAPtah	Lokarpan News	01
Krushu vlgan kedra khate khetina Madhmakhi Divasni Ujavani karavama aavi	Madan Vaishav News	01
Krushu Vigyan kendra waghahi(Dang) dvara " Gajar Ghas Jagruti SAPtlah: ni Ujavani karvama aavi	Manmanch Dainik News	01
Gajar Ghas Nabudi Abhiyan ma prurato saharar aapavano 100 khedutono sankapl	Divyabhaskar News	01
Krushu Vigyan Kendra waghahi(Dang) dvara " Gajar Ghas Jagruti SAPtlah: ni Ujavayo	Vidhan Sandesh	01
Dang ma van mantri mukeshbhai patel ni adhyakshatama jilla kakshana pM kisan utsav diwas ni ujavani	Vastalya samachar	01
dabg ma rajy vabn ane paryavaran mantri mukeshbhai patel ni adyashatama jilla kashana PM Kisan utsav diwas ni ujavani	zatpat news	01
PM kisan Utsav diwas ni ujavani	dd girnar	01
Krushu vlgan kendra, vaghahi dagadpada khate off campus talim nu ayojan karvama avyu	gujarat raksha	01
krushu vlgan kendra vaghahi khate amba pakni vaigyanik kheti padhdhiti talim yojai	gujarat raksha	01
KVK waghahi dvara RAWE programme antargat Exposor Visit yojai	Satya Day	01
KVK waghahi dvara RAWE programme antargat Exposor Visit yojai	Kamalm News	01
Dang jillana wghahi talukana shivarimal gamma KVK waghahi dvara ek divasiya of campus talimanu aayojan karavama aayu	Yogana Andhan	01
Dang jillana wghahi talukana shivarimal gamma KVK waghahi dvara ek divasiya off campus talimanu aayojan karavama aayu	City Today	01
Waghahi KVK dvara Exposor Visit yojai	Daman Ganga News	01
Waghahi KVK dvara RAWE Programme antrgat Exposor Visit yojai	Janadesh News	01
Dang jillana wghahi talukana shivarimal gamma KVK waghahi dvara ek divasiya off campus talimanu aayojan	Samana News	01

	<i>karavama aayu</i>		
	<i>Waghai KVK dvara RAWE Programme antrgat Exposor Visit yojai</i>	Satya Day	01
	<i>Waghai KVK dvara RAWE Programme antrgat Exposor Visit yojai</i>	Yogana Andhan	01
	<i>Waghai KVK Dvara PAWE Programmema Chhtrone Danga kehutona khetar tatha unit pr Exposor visit 78 Chharoe vividh sthalni mukalat lidhi</i>	Divya Bhaskar	01
	<i>Shivarimalama nindan niyantran prakrutik ritthi khedutone avagat karaya</i>	Divya Bhaskar	01
	<i>Shivarmalama gamama KVK Waghai dvara ek divasiy of camposnu aayojan</i>	Satya Day	01
	<i>Dagadpadama talim karykram yojayo</i>	Sandesh	01
	<i>Dang jillana waghai talukana Shivarmalama gamama KVK Waghai dvara ek divasiy off camposnu aayojan</i>	Bharat Sandesh	01
	<i>KVK waghai dvara Dagadpa ma off Campus talim karykram yojayo</i>	Daman Ganga News	01
	<i>Shivarimalama nindan niyantran karavani prakrutik rito ange talim</i>	Sandesh	01
	<i>Dang jillanaDagadpa gam ma KVK waghai dvara ek divasiy off Campus talim karykram yojayo</i>	Yogana Andhan	01
	<i>Dang jillana Sonuniya khathe prakrutik krushi ange campus talim yojai</i>	ZatPat News	01
	<i>KVK waghai khathe "Technology Week" ni ujavanino prarmbh</i>	Gujarat Raksha	01
	<i>KVK waghai khathe "Technology Week" ni ujavanino prarmbh</i>	City Today	01
	<i>KVK waghai kahte "PM Dhan Dhany Krushi Yojana" antargat jagruti karykramnu aayojan</i>	Satya Day	01
	<i>PM Dhan Dhany Krushi Yojana" antargat jagruti karykramnu aayojan KVK waghai dvara karvama aavyu</i>	Gujarat Raksha News	01
	<i>KVK waghai kahte "PM Dhan Dhany Krushi Yojana" antargat jagruti karykramnu aayojan</i>	Gujarat Asmita	01
	<i>Prakrutik kheti matpak nahi pan kheduto na jivanma shukh ane samruddhi nu bij vavae chhe</i>	Facebook Page	01
	<i>Dnag jillana subir ane waghai khathe divasiya "Ravi Krushi Mahotsva" no prarambh</i>	Janadesh News	01
	<i>Krushi vaigyaniko dvara khedutone ravi paako ane aadhunik krushi tantrikata vishe margdarshan apaayu</i>	Zatpat News	01
	<i>Dnag jillana subir ane waghai khathe divasiya "Ravi Krushi Mahotsva" no prarambh</i>	Bharat Sandesh	01
	<i>Dnag jillana subir ane waghai khathe divasiya "Ravi Krushi Mahotsva" no prarambh</i>	Sandesh News	01
	<i>Dnag jillana subir ane waghai khathe divasiya "Ravi Krushi Mahotsva" no prarambh</i>	Satya Day	01
	<i>KVK waghai dvara vasani banavar par vyavsaik talim karyakramnu aayoujn karavama aavyu</i>	BNI News	01
	<i>KVK waghai dvara shivarimal gamma vasani banavar par vyavsaik talim karyakramnu aayoujn karavama aavyu</i>	Bharat Sandesh	01
	<i>KVK waghai dvara shivarimal gamma vasani banavar pr vyavsaik talim karyakramnu aayoujn karavama aavyu</i>	Dainik Samachar	01
	<i>Shivarimal ma vasani banavat par Vyavsaik talim karyakram yojayo</i>	Daman Ganga	01
	<i>Dangana Shivarimal game banavat par talim karykram yojayo</i>	Gardiyan	01
	<i>Vansani banavat par vyavsaik talim karyakramnu aayoujan karayu</i>	Nyaydarshan	01
	<i>Vansani banavat par vyavsaik talim karyakramnu aayoujan karayu</i>	Pako Gujarat	01
	<i>KVK waghai dvara shivarimal gamma vasani banavar par vyavsaik talim karyakramnu aayoujn karavama aavyu</i>	Sandesh News	01

	waghai dvara vasani banavar par vyavsaik talim karyakramnu aayoujn karavama aavyu	Satya Day	01
	Danga Waghai khate shree ann utpadan takanik, mulyavaradhan ane nikasani sambhavanao Vishay par khedut shala talimno karyakram yojayo	Satya Day	01
	KVK waghai dvara shivarimal gamme vasani banavar par vyavsaik talim karyakramnu aayoujn karavama aavyu	Yugana Yendan	01
	Dangna shivarimal gamme vasani banavar par talim karyakramnu yojayo	Zatpat News	01
	KVK waghai khate mashroomni kheti padhati pr talim karyakramnu aayoujn karavama aavyu	BNI News	01
	Waghai KVK ma PM praman pranam pr kisan sangosthi karykram	Bharat Sandesh	01
	KVK waghai dvara PM Kisanna 21 ma HAPtanu anavarani karyakramnu aayoujan karavama aavyu	Gujarat Raksha	01
	Dang na Ahwa talukama national food security mission yojana hethal talim karykram yojayo	Janadesh	01
	national food security mission yojana hethal Dang:Ahwa talukama talim karykram yojayo	Pahadi Toofan	01
	KVK waghai dvara PM Kisanna 21 ma HAPtanu anavarani karyakramnu aayoujan karavama aavyu	Satya Day	01
	Kruahi Vigyan kendra waghai khate PM Kisanna sanman nidhi yojana 21 ma HAPtanu anavarani karyakramnu yojayo	Vatshalya News	01
	Dang:Ahwa talukama national food security mission yojana hethal talim karykram yojayo	Zakir Zanzar	01
	KVK Waghai khate PM praman pranam pr kisan sangosthi karyakramnu aayoujan karavama aavyu	Vatshalya News	01
	KVK waghai dvara PM Kisanna 21 ma HAPtanu anavarani karyakramnu aayoujan karavama aavyu	Vestran Times	01
	KVK Waghai dvara millet pako mathi banati vanagio par vyavsarik talim karyakram yojayo	Gujarat crime bulltenit	01
	KVK Waghai dvara millet pako mathi banati vanagio par vyavsarik talim karyakram yojayo	Satya Day	01
	KVK Waghai dvara millet pako mathi banati vanagio par vyavsarik talim karyakram yojayo	Janadesh	01
	KVK Waghai dvara millet pako mathi banati vanagio par vyavsarik talim karyakram yojaye	Nyaydarshan	01
	Millet oakomathi vangio banavi rojagari melavava 27 mahila khedutne margadarshan apayu	Bhashkar News	01
	KVK Waghai dvara Vishv Jamin divasni ujavani karavama aavi	BNI News	01
	KVK Waghai dvara Jamin divasni ujavani	Satya Day News	01
	Krusha Vigyan kendra waghai dvara vishva jamin divasni ujavani	Vatshyala Samachar	01
	KVK Waghai dvara Vishv Jamin divasni ujavani karavama aavi	ZatPat News	01
	Khedutone matina namuno khetarmathi kai rite levo tenu pratyakash nidarshan	Divya bhaskar	01
	Waghaima kisan sanman dinani ujavani, 7 khedutonu sanman karayu	Divya bhaskar	01
	Waghaima kisan sanman dinan ujavayo	Pahadi tufan	01
	Waghaima kisan sanman dinani ujavani	Satyaday	01
Technical bulletins	Preparation of Agromet Advisory	IMD	69
	Tarbuchni vaigyanik kheti padhdhti	Dr. H. A. Prajapati	01
	Jaivik rog niyantrak - pseudomonas fluorescens	Mr. B. M. Vahuniya	01
Popular articles	Biogas paryavaraniy sanrakshan ane urjanu samadhan	R. S. Patel, Dr. J. B. Dobariya, K. V. Patel, Dr. S. A. Patel, Dr. P. P. Javiya, Dr. B. M. Vahuniya, H.A. Prajapati, Dr. L.V.	01

		Ghetiya	
	I KHEDUT PORTAL 2.0 - DETAILED INFORMATION	Mr. G. B. Padsala	01
	Vertical farming	Dr. H. A. Prajapati	01
	Bhavishy ni jarooryat: verticle farming	R. S. Patel, B. M. Vahuniya, H. A. Prajapati, K. V. Patel	01
	GST shudharane karne krushi arthtantrama avel parivartano	R. S. Patel, Dr. S. A. Patel, Dr. J. B. Dobariya and Dr. P. P. Javiya	01
	GST shudharane karne krushi arthtantrama avel parivartano	R. S. Patel, Dr. S. A. Patel, Dr. J. B. Dobariya and Dr. P. P. Javiya	01
	Gramy marghapalan : ek utam vyavastha	Dr. S. A. Patel, Dr. B. M. Vahuniya, Dr. P.P. Javiya, Dr. J. B. Dobariya, H. A. Prajapati, Sreyans N. Chaudhari	01
	Prakrutie apel bhet Mushroom	Dr. B. M. Vahuniya, Dr. Jeni H. Lalvani, R. S. Patel, Dr. P. P. Javiya, Gaurang B. Padsala	01
	Vertical farming	Dr. H. A. Prajapati	01
	Arogya ane aavakni navi tak: Mushroom Udhyog	Dr. jeni H. Lalvani, Dr. B. M. Vahuniya, Gourang B. Padsal	01
	Unalu naglini prakrutik kheti padhdhti	Dr. P. P. Javiya, Dr. B. M. Vahuniya, Dr. J. B. Dobariya, R. S. Patel,	01
	Prakrutik krushima Jivat niyantran	Dr. B. M. Vahuniya, R. S. Patel, Dr. P. P. Javiya, Dr. J. B. Dobariya, Sreyans N. Chaudhari, K. V. Patel	01
Extension literature	-	-	-
Others (Pl. specify)	-	-	-
TOTAL			355

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)	34	KVK Waghai youtube	2755
2	Facebook page/ Account (no of Post)	01	-	752
3	Mobile Apps	-	-	-
4	WhatSAPp groups	7	-	1537
5	Twitter Account	01	KVK, Waghai, NAU (The Dangs)	87
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).

Success Story:01

Dr. P. P. Javiya, Dr. H. A. Prajapati, Dr. B. M. Vahunia, Dr. S. A. Patel, Mr. Gaurang B. Padsala, Dr. Jeni H. Lalwani, Dr. J. B. Dobariya

Name of KVK: Krishi Vigyan Kendra

- 1 **Name** Budhyabhai Balubhai Pawar
- 2 **Address** Lahandabas, Ahwa, Dang
- 3 **Education** 3rd standard
- 4 **Mobile No.** 9428494198
- 5 **Age** 55
- 6 **Total Land Holding** 1.08 ha
- 7 **Cultivated Crops** Paddy, Finger millet, Vegetables
- 8 **Situation Analysis & Problem Statement**



In the past, Budhyabhai practiced conventional farming and employed pesticides, fertilizer and other tools. As a result, he invested a lot of money in this approach and received little profit. He subsequently turned to organic farming after Gujarat named Dang District an organic district. However, compared to conventional farming, the cost of inputs is high in organic farming and sometimes uneasy to manage it too. He initiated Natural Farming in one hectare land.

9 Plan, Implement and Support

He actively participated in training, kishan mela and other activities organized by Krushi Vigyan Kendra. Also come to KVK for various field related issues and always connected with KVK by what's app and other social media. A team of scientist guided him for practicing the natural farming.

- Adopted natural farming since last three years.
- Cultivated paddy and vegetables under natural farming.
- Used desi cow based and plant-based products like beejamrit, jivamrit, neemastra and agniastra for crop health and plant protection.
- Practiced water conservation technologies including mulching of crop residue, bed sowing and ridge sowing.

10 Outcome

Parameters	Natural Farming (Area in ha)	Conventional Farming (Area in ha)
Name of Crop	Paddy (Devlikolam)	Paddy (Bangalo)
Cost of cultivation (Rs)	20000	24500
Production (q)	20.30 q	18.59 q
Gross return (*)	38570	35321
Net return (*)	18570	10821
BC ratio	1.93	1.44

11 Impact

After using Natural farming budhyabhai earn higher income because of reduced expenditure of costly inputs and getting premium price of his product.



Jeevamrut Preparation



Natural Farming in paddy

Success Story: 02

Natural Farming of Green Gram

Dr. H. A. Prajapati, Dr. B. M. Vahunia, Dr. S. A. Patel, Mr. Gaurang B. Padsala, Dr. Jeni H. Lalwani,
Dr. J. B. Dobariya, Dr. P. P. Javiya

Name of Farmer : Maganbhai Kalubhai Gayakwad

Village : Chichond

Taluka : Waghai

District : Dang

Education : 10th



Introduction

Maganbhai Kalubhai Gayakwad is a farmer of village: Chichond, Taluka: Waghai, District: Dangs in the Gujarat, educated up to 10th standard and having 1.39 ha land.

Training and guidance of KVK

By somehow, he came to know about Krishi Vigyan Kendra, Dang. Shri. Maganbhai started to visit the Krishi Vigyan Kendra in order to get proper guidance about Natural farming of various crops. Horticulture scientist impressed to see his keen interest in natural farming. The scientist from Krishi Vigyan Kendra advises him on how to raise a pulse crop (green gram) using a scientific natural farming approach. To address the current challenges, KVK scientists initiated a series of activities such as training, scientific visits to farmer's fields, field visits, FLD visits, and so on, and the results were positive.

Practices adopted

- Cultivated Green Gram during summer season by Natural farming
- Prepared and used beejamrit for seed treatment and jivamrit for nutrition management
- Prepared and used Agniastra for controlling pests.

- Reared 04 cows Desi (02) and Crossbreed (02)
- Used ICT mechanism (WhatsApp and face book).
- Participated in exhibitions / workshops and forums regularly

Comparison between Natural Farming and Conventional Farming

Parameters	Natural Farming (0.15 ha)	Conventional Farming (0.15 ha)
Name of Crop	Green Gram	Green Gram
Cost of cultivation (Rs)	14200	21500
Production (q)	5.7	6.5
Gross return (₹)	37050	39000
Net return (₹)	22850	17500
BC ratio	2.60	1.81

Benefits and achievements

- Improved Soil Health
- Improved Soil Fertility
- Utilize Crop Residue
- Utilizeweed (without seed) for Mulching
- Reduced input cost.
- Reduced cost of cultivation
- Generated Higher income compare to others system
- Increased net income with the use of natural fertilizers and insecticides.
- Consumed and sold chemical-free food to the community.

Impact of the Technology

Maganbhai grew green gram using a natural farming approach following KVK involvement. Maganbhai witnessed an improvement in soil health, yield quality, and cultivation expense reduction. Maganbhai also acknowledged that the first-year production in natural farming may be lower, but the produce fetches a high price due to its quality standards.



Germination in natural farming Plot



Green Gram “GM 6”



Maganbhai in Natural Farming Plot



High quality Natural farming produce

Success Story: 03

Dr. S. A. Patel, Mr. Gaurang B. Padsala, Dr. Jeni H. Lalwani, Dr. J. B. Dobariya, Dr. P. P. Javiya,
Dr. H. A. Prajapati, Dr. B. M. Vahunia

Title: Dairy Farming-A boon for tribal women

1. Situation analysis /Problem Statement

Kamaduben Bhavanbhai Bhoje is a woman farmer of Village Guarya, Taluka- Ahwa, District Dangs in Gujarat, educated up to only 3rd standard and having 5.0 hectre of land. Dang district is a predominantly tribal area where agriculture and livestock are the main sources of livelihood. Earlier many tribal families had very limited income and employment opportunities. Her husband is also a farmer. They have two children a son and a daughter. Somehow, they were earning their livelihood by

practicing rain fed agriculture in their land. She was growing local and old varieties of Paddy, Vari, Ragi and some vegetable during Kharif season. She had two bullocks and cows of local origin. These animals were a burden rather than a source of income due to the meagre productivity; however the bullocks were used for the agricultural operations. Under such situation, it was difficult to sustain house hold food and nutritional security of her family. Therefore, she was in search of some alternate sources of income.



Kamaduben Bhavanbhai Bhoje

Village: Guarya, Taluka-Ahwa, District Dangs - (Gujarat)

Age: 59 years, Education: 3rd standard , Size of Land holding: 5.0 Hectre

2. Plan, Implement and Support

By some sources, she came to know about some welfare schemes for tribal. First of all she visited a co-operative dairy in a nearby village and she also decided to join co-operative dairy. Meanwhile her village, Guarya was care by KVK and ATMA - Dang of the district. A series of animal husbandry activities like meetings, trainings, kisan goshtis, field visits, farm school, visit to a dairy co-operative has been started by KVK scientists. Kamaduben and other interested farmers had purchased HF cross-bred

cow. As cross bred cow was a new enterprise for them, they often faced so many troubles for proper guidance. In the beginning she was not able to maintain the proper health of her animals. she came in contact with Krishi Vigyan Kendra, through ATMA, Dang and was inspired to abandon conventional dairy practices and adopt animal husbandry in a scientific manner as per the guidance of scientists. Scientist of KVK was impressed to see her keen interest in dairy farming. It was found that the farmers of this village were rearing the animals with traditional method, imbalance in use of feeds and fodder as well as facing the chronic problem of anoestrus, repeat breeder and poor growth. The Scientist of KVK started a series of activities i.e. training, demonstration, farmer's scientist interaction etc to deal with the existing problems and observed a positive impact.

3. Output

At present, Kamaduben Bhavanbhai Bhoje has adopted scientific concepts to rear her animals as per the suggestions given by KVK scientists. She has extended her farm and today she owned 9 milking HF crossbred cows, 3 heifers and 2 calves. She has constructed a pakka house with manger and water tank. She uses proper concentrate feed, green and dry fodder, mineral mixture, timely vaccination, de-worming and diagnosis as per the guidance provide by the scientists of KVK through training, demonstrations and very frequent farm visits. The beneficiary has purchased a chaff cutter and is actively using it for fodder cutting. As result, a strong competition between various farm women to get more and more milk production developed.

4. Outcome

Due to adoption of improved practice, her constant efforts and hard work and timely support from KVK, ATMA Dang & other line departments and Vasudhara dairy, she could achieve very impressive growth in dairy farming as per the table-1.

5. Impact

Sr. No.	Particulars/ Items	Before KVK intervention	After KVK intervention
1	Animals own	2-Desi cows 2- Desi Bullocks	2022-23 7- HF cows 2-Heifers 1 - Calves 2- Bullocks 2023-24 9- HF cows 2-Heifers 1 - Calves 2024-25 9- HF cows 3-Heifers 2 - Calves
2	Vaccination & De-worming	Not proper	Regular
3	Milk production (day)	Initial 3-4 lit/day	Average-30 lit/day highest income up to Rs. 80,345/- per month
4	Highest milk production per animal per day	2.0 lit/day	Up to 10 lit/day/animal
5	Anoestrus and repeat breeder problems	Yes	No
6	Inter-calving interval	More than 2 yrs	12-16 months
7	Service period	Average-170 days	90-95 days
8	No. of service per conception rate	7-8	1-2
9	Growth of calves and heifers	Poor	Good
10	Age of first calving	5-6 yrs	30-48 months
11	Economics enhancement Income per month(Net profit)	Not good	Rs.30,000-45,000 per month
	Income through selling of self reared HF animals	Nil	Planned in future
12	Modern assets in the house because of dairy farming	Nil	Freeze – 1 TV - 1 Mobile - 2 Motorcycle – 1 Tractor -1

Milk production Data

Sr. No.	Year	Annual Milk production	Annual income (Rs)
---------	------	------------------------	--------------------

1	2022-23	9305 liter	3,37,341
2	2023-24	22343 liter	8,70,674
3	2024-25	19991 liter	7,99,588

For the success of dairy farming in tribal areas she believes that it is due to intensive guidance provide by the Scientist of KVK and ATMA-Dang. In addition to this, humble support made by Vasudhara dairy as well as state government to provide subsidy for purchasing the cross bred cows and proper marketing facility, respectively.

She feels that having good genetic potential and dairy characters of HF cross bred animals plays an important key role in dairy business. She also emphasized that after starting the dairy farming she need not to go anywhere for earning employment as well as she could make herself away from the money lender's clutch to satisfy her needs. Now she can easily manage her all needs and able to think in advance for the sake of better education to her children due to dairy farming. This impressive result of dairy farming turned Kamaduben Bhavanbhai Bhoje & her husband from poor farmer to a happy progressive dairy farmer. The success of dairy farming in resource poor areas is a unique example to generate the employment as well as empower the tribal economy in the country.

Success Story: 04

Empowering Tribal Women through FPO Leadership: The Journey of Rasilaben Diva

Dr. Jeni H. Lalwani, Dr. J. B. Dobariya, Dr. P. P. Javiya, Dr. H. A. Prajapati, Dr. B. M. Vahunia,
Dr. S. A. Patel, Mr. Gaurang B. Padsala

Profile (in brief):

- **Name:** Ms. Rasilaben Yogeshbhai Diva
- **Age:** 37 years
- **Education:** M.A., B.Ed.
- **Village:** Vanarchond
- **District/State:** Dang, Gujarat
- **Enterprise:** Women-led Farmer Producer Organisation (Agri-marketing, Input Supply & Collection Centre)
- **Affiliation:** Shri Atmanirbhar Adivasi Mahila Khedut Producer Company Limited, Waghai



1. Situation Analysis / Problem Statement

The tribal farming community of Waghai taluka, Dang, faced severe systemic challenges in agricultural marketing. Farmers were heavily dependent on middlemen who engaged in unfair weighing practices, offered low prices, and delayed payments. High transportation costs to distant mandis, such as Vyara, further eroded net income.

Women farmers faced unique constraints, including a lack of social mobility and a total dependence on male family members for transporting produce. This often resulted in delayed sales and significant post-harvest losses. Furthermore, there was an initial lack of awareness and trust regarding the Farmer Producer Organisation (FPO) model.

2. Plan, Implement and Support

To address these issues, Shri Atmanirbhar Adivasi Mahila Khedut Producer Company Limited was established in 2021. KVK Waghai spearheaded the implementation through several key activities:

- **Capacity Building:** Training programs, workshops, and exposure visits were organized to teach collective marketing, quality produce handling, and leadership development.
- **Extension Efforts:** Continuous technical support was provided to enhance managerial skills and confidence among members.
- **Critical Inputs & Facilitation:** The FPO was supported with equity and management grants, along with licenses for seeds, fertilizers, pesticides, and FSSAI.
- **Infrastructure Support:** With backing from the Axis Bank Foundation, the Vanarchond Collection Centre was established in 2023 on Rasilaben's own premises to decentralize the market.

3. Output

The intervention, led locally by Rasilaben Yogeshbhai Diva, achieved significant measurable results:

- **Knowledge & Skills:** Rasilaben and fellow members gained expertise in procurement, sales operations, and record-keeping.
- **Economic Gains:** Farmers now receive ₹20–30 more per kg of produce compared to middlemen rates.
- **Procurement Volume:** Rasilaben currently facilitates annual procurement worth ₹10–15 lakh and sales worth ₹3–4 lakh.
- **Operational Efficiency:** The establishment of the local collection center has significantly reduced transportation costs and post-harvest losses.

4. Outcome

The horizontal spread and economic shift since 2021 include:

- **Horizontal Spread:** Rasilaben successfully mobilized 57 farmers from her village to become active FPO members.
- **Financial Growth:** The FPO's turnover grew exponentially from ₹1.4 lakh (2021–22) to over ₹1 crore (2025–26).
- **Market Transparency:** The shift to immediate payment systems and transparent pricing has improved the cash flow and trust within the tribal community.
- **Access to Inputs:** Members now benefit from discounted agricultural inputs, including seeds, agro-tools, and animal feed.

5. Impact

At the macro and social level, the following benefits have been observed:

- **Social Empowerment:** Rasilaben has emerged as a role model, leading to increased participation of women in market-linked activities and enhanced decision-making power within households.
- **Institutional Development:** The successful management of the Vanarchond Collection Centre serves as a blueprint for women-led tribal FPOs in the district.
- **Economic Contribution:** By strengthening the collective bargaining power of tribal farmers, the FPO is contributing to the stabilization of the local agricultural economy.
- **Recognition:** Rasilaben's leadership was highlighted during high-level interactions, including a meeting with the Prime Minister, showcasing the state-level significance of this model.



Meeting with prime minister



At Collection Center



BOD Meeting



Exhibition



Training

Success Story: 05

Increase the production through line sowing methods & Hand Weeder (Karbadi)

Mr. Gaurang B. Padsala, Dr. Jeni H. Lalwani, Dr. J. B. Dobariya, Dr. P. P. Javiya, Dr. H. A. Prajapati,
Dr. B. M. Vahunia, Dr. S. A. Patel

• **Background/Problem statement**

In dang district, production of every crop is low because of not maintaining proper spacing and sowing method by farmers lack of knowledge use of Hand Weeder. Due to this, severe weed and in the area which ultimately reduces the yield and income of the farmers. Most of the farmers were sowing seed in every crop with broadcasting method of sowing. so that more seed use as compared to method of line sowing which ultimately increase the seed cost and weeding is not possible in broadcasting method. Most of the farmers are tribal and resource poor, so that they have not knowledge regarding line sowing methods of every crop and about the use of Hand Weeder.

• **Intervention of KVK**

KVK Waghai, Dang given FLD (Adaptive Trial) – Hand Weeder and Proper Guidance of line sowing methods and Hand Weeder though Field Visit, Scientist Visit to Farmers Field, Farmers Scientist Interaction & on and off campus training and exhibition of every crop in each and every krushi mela in dang district.

• **Input**

1. Hand Weeder given through FLD (Adaptive Trial) No. of farmers : 50 (including small and marginal farmers)
2. Providing the knowledge about importance of line sowing methods and using the Hand Weeder for Weeding.

• **Outcome**

1. With the use of line sowing methods and Hand Weeder for Weeding every crop yields improved significantly in Dang district.
2. Farmers witnessed an increase in income due to better yields and contributing to the economic sustainability of rural households.
3. 40 to 50 % less incidence of weeds in the field using the line sowing methods and use of Hand Weeder for Weeding
4. Saving of time & money for weeding operations.

• **Horizontal Dissemination:**

1. **Farmer-to-Farmer Knowledge Transfer:** Successful farmers trained by KVKs shared their knowledge with other farmers in their communities, creating a ripple effect and spreading best practices of using the line sowing methods and use of Hand Weeder for Weeding across regions.
2. **Farmer-Focused Platforms:** Platforms like KVK-run demonstrations, agricultural fairs, and online resources spread importance of line sowing methods and using the Hand Weeder for Weeding to a wider audience.



FLD (Adaptive trial) – Hand Weeder use in line sowing crop

Success Story: 06

Mixed cropping system and introduction of new crops

Dr. J. B. Dobariya, Dr. P. P. Javiya, Dr. H. A. Prajapati, Dr. B. M. Vahunia, Dr. S. A. Patel,
Mr. Gaurang B. Padsala, Dr. Jeni H. Lalwani

		Name of KVK, NAU, Waghai (Dangs)	
1	Name	ManasyabhaiJanubhaiRavut	
2	Address	At Village: Gurudiya, Po. Khabhla, Tal: Subir, Dist: Dangs	
3	Education	10 th Pass	
4	Mobile No.	9428424258	
5	Age	58 year (03-06-1966)	
6	Total Land Holding	2-89-08	
7	Cultivated Crops	0.48 ha	
8	Situation Analysis & Problem Statement	Traditional farming practices were followed based on ancestral knowledge. For instance, the “Adar method” involved using tree branches and leaves to support crop growth. Sowing was carried out without scientific guidance and without adopting the line-sowing method, leading to uncertainty in crop production. Farmers mainly cultivated local varieties of paddy and nagli; however, due to the lack of improved agricultural techniques, overall productivity remained low. Additionally, limited knowledge of marketing meant that farmers were unable to secure fair prices for their produce.	
9	Plan, Implement and Support	After joining the Krishi Vigyan Kendra (N.A.U.), Waghai, he got the opportunity to participate in a training program on natural farming organized by the center. The training was conducted under the guidance of experienced staff and experts. During the program,	

scientists provided detailed information about important natural farming practices such as Bijamrut, Jivamrut, GhanJivamrut, Achhadan (mulching), and mixed cropping systems. They also explained the use of natural crop protection methods like Neemastra, Brahmastra, Agniastra, and Dashparni Ark. Additionally, the farmer learned about the benefits of maintaining indigenous cows for sustainable farming. Inspired by this training, he adopted natural farming methods on his farm and felt encouraged by the positive initial results.

10 Outcome

- 1. Raised Bed Preparation:** He prepared raised beds for paddy seedling cultivation and enriched them using GhanJeevamrut.
- 2. Adoption of Natural Farming:** He began practicing natural farming using indigenous cows.
- 3. Mixed Farming:** Implemented mixed farming techniques, allowing multiple crops to be grown together.
- 4. Shift from Adar Practice:** Replaced the traditional Adar practice with the raised bed system, resulting in faster and healthier paddy seedlings.
- 5. Use of Indigenous Seeds:** By using indigenous seeds, he eliminated the need to purchase seeds annually.
- 6. Row Planting of Rice:** Planting rice in line protected seedlings and enhanced yields.
- 7. Simultaneous Cropping:** Mixed farming enabled 2–3 crops to be cultivated simultaneously on the same plot.
- 8. Cost Reduction:** Natural farming based on indigenous cows significantly reduced cultivation costs.

11 Impact

1. Farmers from his village and nearby areas have started visiting his farm to learn from his practices.
2. Observing the successful cultivation of local paddy varieties through natural farming, other farmers have also begun adopting these varieties.
3. Inspired by his success, farmers in his village and surrounding regions have started implementing mixed farming systems.
4. He has now established a strong identity as a progressive natural farmer.
5. The indigenous cow-based farming system effectively meets the nutritional requirements of crops.
6. There has been a significant improvement in soil fertility, moisture retention capacity, and overall productivity.

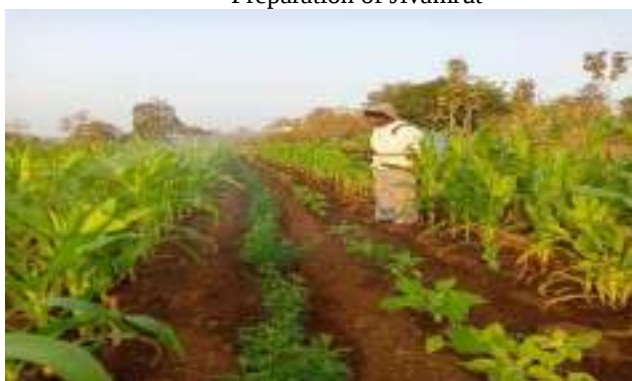
Parameters	2021-22			2022-23			2023-24		
Season	Kharif	Rabi	Summer	Kharif	Rabi	Summer	Kharif	Rabi	Summer
Name of Crop	Paddy (Devlicol um)	Gram	--	Paddy (Idrani)	Pea (Deshi)	--	Paddy (Ambamor)	Maize	Green Gram
Total Area (Hector)	0.60	0.20	--	0.80	0.20	--	0.80	0.30	0.20
Production (Kg)	2000	170	--	3000	150	--	33000	1200	250
Gross return (₹)	50000	6800	--	75000	7500	--	132000	26400	17500
Total Expenditure (₹)	10500	1900	--	13000	2500	--	15000	3000	3500
Net return (₹)	39500	4900	--	62000	5000	--	117000	23400	14000



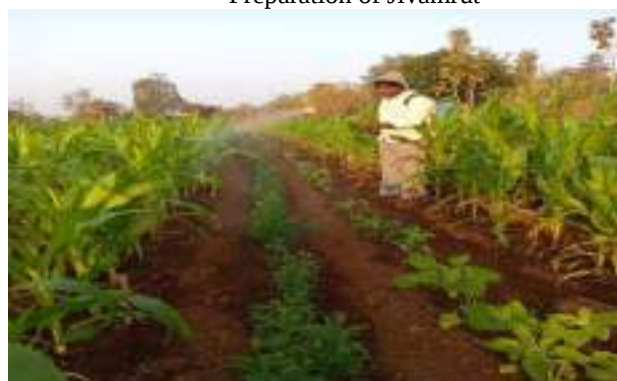
Preparation of Jivamrut



Preparation of Jivamrut



Intercropping (maize, groundnut)



Intercropping (pulses with maize)



Paddy



Chickpeas



Peas)native(



Corn



Best ATMA Farmer Award 23-2022

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

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

ITK Technology: 01

S.N.	Particular	Details
1	Name of integration of indigenous technical knowledge (ITK) and traditional Practices (TP)	Neem Leaf/Seed Extract Spray and Neem + Chilli + Sitafal Leaf Extract + Naffatiya
2	Description of ITK/TP	Used for control pest in Gram, P. Pea, beans etc.
3	Name of farmer/village from where the information collected	Markeshbhai, Sonuniya. Ta- AhwaDist – Dang (97376 55341)
4	Method of preparation/use of ITK/TP, if any	A. Take 5 kg fresh neem leaves and grind. Mix in 6 L water, boil and filter. Add 150 g soap and dilute in 60 L water for spraying. Method of Preparation: 1. Take 1 kg neem seeds and grind them into a coarse powder. 2. Collect 1.5 kg fresh sitafal (custard apple) leaves and crush them properly. 3. Soak 500 g dry chilli in water overnight and grind it to make a paste. 4. Mix all the prepared materials in 10 litres of water. 5. Keep the mixture for 10–12 hours to extract the active ingredients. 6. Filter the solution through a cloth and spray it on the crop field.
5	Dose/rate/amount/time of use of ITK/TP	- Pest management: Light spraying on plants once a week or as per need at early in the morning
6	Benefits/effect of ITK/TP on yield/production /control of disease-pest/saving of inputs etc.	-Pest Management : Soft-bodied insects like aphids, whitefly and mealy bug without using chemical pesticides. -Cost Saving: Saves input cost on pesticides. -Yield Improvement: 20 to 75 per cent increase in production in case of timely use for the pest management -Harvest residue free vegetables and grains of field crops.
7	Whether farmers adopting at present? Yes /No If yes, from how many years?	YES, Since 31 years (especially in small and marginal farming communities)
8	Any other supportive information	This is a traditional plant-based botanical pesticide widely used by farmers for

		controlling sucking pests and caterpillars. Neem seeds contain azadirachtin , which acts as an insect growth regulator and feeding inhibitor. Chilli contains capsaicin , which irritates insects and prevents feeding, while sitafal (custard apple) leaves contain natural toxic compounds that affect insect nervous systems. The combination of these plant materials creates an effective eco-friendly spray against many crop pests.
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ITK Technology: 02

S.N.	Particular	Details
1	Name of integration of indigenous technical knowledge (ITK) and traditional Practices (TP)	Treatment of Mastitis in cow
2	Description of ITK/TP	Mastitis is the most common, costly disease in dairy cattle, characterized by inflammation of the udder usually caused by bacterial infection entering through the teat canal. It causes reduced milk yield, poor milk quality and udder damage. It is managed via hygienic milking, antibiotic treatment and monitoring high somatic cell counts. Milch animals production can decline significantly. The traditional treatment is affect from this sick condition. Ingredients- Aloe vera-250 gram, Turmeric - 50 gram, Lime -15 gram, Lemon- 2 no., oil
3	Name of farmer/village from where the information collected	Rajubhai M. Palve Village- Barkhandhiya, Waghai
4	Method of preparation/use of ITK/TP, if any	Method:- Cut the whole aleovera leaves into pieces and add them to the mixer and mix well until there are no lumps left. Add turmeric and lime and mix to make a paste. The paste will turn red in color, keep it in a separate vessel or container. Use- First, remove all the milk from the udder. Make a thin mixture by adding 100 ml of water to a handful of ointment. Wash and clean the udder and its parts and rub and massage the prepared mixture all over the surface.
5	Dose/rate/amount/time of use of ITK/TP	Every two hours remove milk from udder and Apply this ointment 10 times a day for 5 days. Feed the animal 2 lemons every day for three days.
6	Benefits/effect of ITK/TP on yield/production /control of disease-pest/saving of inputs etc.	The ointment will provide relief in mastitis
7	Whether farmers adopting at present? Yes /No If yes, from how many years?	Yes, since last 15 years
8	Any other supportive information	Nil

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

A. Practicing Farmers

- a) Organic farming
- b) Use of mulching with drip irrigation in mulching
- c) Organic protection measure

B. Rural Youth

- a) Farm mechanization
- b) Use of various Agri apps
- c) Bee keeping
- d) Mushroom production

C. In-service personnel

- a) Use of bank credit in Agriculture
- b) Organic farming
- c) Pont for doubling farmer's income

5.2. Indicate the methodology for identifying OFTs/FLDs

For OFT:

- i) PRA (✓)
- ii) Problem identified from Matrix
- iii) Field level observations (✓)
- iv) Farmer group discussions
- v) Others if any

For FLD:

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

5.3. Field activities

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

6. LINKAGES

A. Functional linkage with different organizations

Name of organization	Nature of linkage
Navsari Agricultural University	Provides technical experts for various disciplines and also provides practical training to the trainees
Agricultural Department and Dept. of Horticulture, Ahwa	Helps in organizing the service training for VLWs, Khedut shibir and conducting sponsored training programme by receiving the grant from DAO Ahwa
ATMA, Dangs	Technical support, Jointly organized farmers fair/Farmer school, training etc.
FTC, Dangs	Technical support, Jointly organized farmers fair
District Information Department, Ahwa.	Publish the activities carried out by KVK in mass media
Veterinary College, Kamdhenu University, Department of Ani. Husb., Ahwa., Vasudhara Co-op. ,Dairy, Waghai	Help in organizing programmes, animal health camp, Khedut shibir etc
District Water shed Development Agency, Ahwa	Training & technical advice

Lotus Co-op.Ltd., Sevadham Trust , Aghakhan NGO, Ahwa	Training & field demonstration& Technical advice
College of Agriculture, NAU, Waghai	Provide physical & technical support to KVK. we jointly organize big events.
Hill Millet Research Station, NAU, Waghai	Provide physical & technical support to KVK. we jointly organize big events.
Dang Ayurvedic Pharmaceuticals LTD., Ahwa, Dang	Technical support, Jointly organized farmers fair/Farmer school, training etc.
Depyut Director Agri. (Extension), FTC, Ahwa, Dang	Technical support, Jointly organized farmers fair/Farmer school, training etc.
DRDA Mishanmangalam, Ahwa, Dang	Technical support, Jointly organized farmers fair/Farmer school, training etc.
PVK, Head of Dipartment LPM, Kamdhenu, Uni. NAU, Campus Navsari.	Technical support, Jointly organized farmers fair/Farmer school, training etc.

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(State Govt./Other Agencies)	Amount (Rs.)
-	-	-	-

C. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/No

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	No of Farmers attending
01	Meetings	-	-	-	-
02	Research projects	-	-	-	-
03	Training programmes	-	-	-	-
		Prakrutik Kheti	03	01	56
		Prakrutik Kheti	02	01	55
		Prakrutik Kheti	03	01	39
		Prakrutik Kheti	04	01	50
		Prakrutik Kheti	03	01	23
		Prakrutik Kheti	02	01	55
		Prakrutik Kheti	03	01	68
		Prakrutik Kheti	02	01	24
		Prakrutik Kheti	02	01	35
		Prakrutik Kheti	03	01	33
		Prakrutik Kheti	03	01	30
		Prakrutik Kheti	04	01	48
		Prakrutik Kheti	04	01	55
		Prakrutik Kheti	04	01	51
		Prakrutik Kheti	03	01	35
		Prakrutik Kheti	02	01	28
		Prakrutik Kheti	02	01	30
		Prakrutik Kheti	03	01	58
		Prakrutik Kheti	03	01	82

		Prakrutik Kheti	02	01	33
		Prakrutik Kheti	02	01	68
		Prakrutik Kheti	02	01	35
04	Demonstrations				
		Demonstration kharif crop (Agri)	03	01	55
05	Extension Programmes				
	KisanMela	Rabi krishi mahotsav-2025	06	-	1007
	Technology Week				
	Exposure visit				
	Exhibition				
	Soil health camps				
	Animal Health Campaigns				
	Others (Pl. specify)				
06	Publications				
	Video Films				
	Books				
	Book Chapter				
	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
-	-	-	-	-	-

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
-	-	-	-	-	-

F. Details of linkage with RKVY (Skill development/RPL)

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

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
-	-	-	-	-	-

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
-	-	-	-	-	-

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
-	-	-	-	-	-

7. Convergence with other agencies and departments:**8. Innovative Farmers Meet**

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

9. Farmers Field School (FFS)

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

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

Sr. No.	Discipline	Feed Back
1.	Crop Production	Higher demand for trustful indigenous varieties of paddy among farmers.
2.		GU 3 Variety of Black Gram found excellent in quality and yield.
3.	Horticulture	GNIB 21 and GNIB 22 gave higher yield compare to Katargam variety.
4.	Plant Protection	Spawn of oyster mushroom of center of excellence of mushroom CAW, waghai is too good.
5.		Cue lure trap in bittergourd give excellent result.
6.	Animal Science	Supplementation mineral mixture can lead to better reproductive efficiency & reduced calving interval.
7.	Extension Education	Lack of marketing facility in the Dang district.

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

Sr. No.	Discipline	Feed Back
1.	Crop Production	Need standard procedure for preparation of Bijamrut and Jeevamrut.
2.	Horticulture	Required recommendation for Natural Farming in mango and cashew nut.
3.	Plant Protection	Need scientific recommendation in disease management in Natural Farming.
4.	Animal Science	To develop nutritional feed for milch animals.

11. Technology Week celebration during 2025: Yes/No, If Yes

Period of observing Technology Week: From 22 September to 26 September, 2025

Online / Offline: Offline

Total number of farmers visited : 1663

Total number of agencies involved : 4

Number of demonstrations visited by the farmers within KVK campus: 8

Other Details

Types of Activities	No. of Activities	Number of Farmers	Related crop/livestock technology
Gosthies	36	3262	-
Lectures organized	320	36020	-
Exhibition	96	14870	-
Film show	48	3339	-
Fair	5	2737	-
Farm Visit	62	424	-
Diagnostic Practical's	63	272	-
Supply of Literature (No.)	7	105	-
Supply of Seed (q)	-	-	-
Supply of Planting materials (No.)	-	-	-
Bio Product supply (Kg)	-	-	-
Bio Fertilizers (q)	-	-	-
Supply of fingerlings	-	-	-
Supply of Livestock specimen (No.)	-	-	-
Total number of farmers visited the technology week	5	1663	-

Detail of Technology Week celebration during 2025

Sr. No.	Day/ Date	Thematic area	Topic / Technology covered	No. of participants		
				M	F	T
1	First 22/09/2025 Monday	Effective Marketing of Natural Farming produce and contribution of FPO	➤ FPO's important role in value addition and marketing ➤ E-Commerce ➤ Working style and its advantages of FPO's ➤ Information on storage system and sorting grading of Natural Farming products ➤ Role of FPO's in value addition and marketing	310	65	375
2.	Second 23/09/2025 Tuesday	Natural farming and crop diversification	➤ Natural cultivation of pigeon pea ➤ Scientific cultivation method of Mango and Indian bean ➤ Panchastriya model ➤ Introduction of Rubber Plant ➤ Pest and Disease management in Paddy ➤ Preparation of Agniastra and Jivamrut	36	2	38
3.	Third 24/09/2025 Wednesday	Natural farming and Agro forestry	➤ Important of Agro-forestry ➤ Mix cropping system ➤ Types of Agro-forestry ➤ Objectives of Agro-forestry ➤ Multi stage cropping ➤ Scientific cultivation of bamboo crops ➤ Different species of trees ➤ Different products of bamboo	311	64	375
4.	Fourth 25/09/2025 Thursday	Natural farming and Horticulture	➤ Natural farming with intense technology in fruit crops ➤ New varieties and farming system corresponding to natural farming in vegetable crops ➤ Creation of various liquid formulation useful in natural farming and its uses ➤ Subsidy scheme related to Horticultural crops	445	55	500
5.	Fifth 26/09/2025 Friday	Indigenous Livestock based Natural Farming in Agriculture	➤ Natural Farming Practices for Hill Millets ➤ Importance of Microorganisms in	315	60	375

			Natural Farming ➤ IFS Model Related to Natural Farming ➤ Important of mulching in Natural Farming ➤ Poultry Farming ➤ Climate change and Natural Farming ➤ Human Health and Natural Farming			
Total				1417	246	1663

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
-	-	-	-

B. Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds	NA	NA
Pulses		
Cereals		
Vegetable crops		
Tuber crops		
Total		

C. Farmers-scientists interaction on livestock management

State	Livestock components	Number of interactions	No. of participants
Gujarat	Natural farming	2	2
	Fodder management	1	1
	Fodder management	2	2
	Fodder management	05	19
	cleanliness of cattle shed	3	3
	Cleanliness of shed	2	2
	Green Fodder management	1	1
Total	07	16	30

D. Animal health camps organized

State	Number of camps	No. of animals	No. of farmers
Gujarat	01	29	20
Total	01	29	20

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

A. Impact of KVK activities (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
-	-	-	-	-

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants.

B. Cases of large scale adoption

(Please furnish detailed information for each case)

(Please furnish detailed information for each case)						
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.)*
			Crop	Area (ha)		
1.	Cereals:	-Use of traditional varieties - Poor quality of seed -Lack of awareness related with organic crop package & practices - Lack of awareness about plant protection measures -Scarcity of fodder - Repeat Breeding &Anoestrus - Less interest in dairy business	Paddy	135	Sonuniya Bhurapani Bhapkhal Chikhali Pipalaidevi Chichpada Baj Barkhandhya Dagadpada Shivarimal	On campus training, Off campus training, Sponsored training, Vocational training, In-service training, Lecture delivered, Field visit, FLD visit, OFT visit, Scientist visit to farmer field, Farmer visit to KVK, Diagnostic visit, Exposure visit, KisanGosthi, Animal camps, Field day, Farmer fair, Farmer scientist interaction, Farmers meeting, TV-Film show, Exhibition, Farm School, Soil health campaign, Celebration of importance day, SwachataJagruti, Soil sample analyzed, Plant health clinic diagnostic services, SMS portal, Telephone helpline
2.	Paddy, Finger millet, little millet		Finger millet	78		
3.	Pulses:		Vari	69		
4.			Sorghum	15		
5.	Gram, Black gram,		Maize	10		
6.	Tur		Black Gram	15		
7.	Oilseeds: Groundnut,		Pigeon Pea	20		
8.	Niger		Soybean	15		
9.	Vegetables: Okra, Brinjal		Ground nut	5		
10	Fruit crops: Mango,		Kharif Total	362		
11.	Cashew nut, Custard		Gram	38		
12.	apple		Wheat	10		
13.	Floriculture: Rose and Marigold		Okra	12		
14.			Brinjal	10		
15.			Mango	20		
16.	Others: Tuber crops		Cashew nut	2		
	Animal Husbandry: Poultry farming	Rabi-Total	92			

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

14. Kisan Mobile Advisory Services

Month	No. of SMS sent	No. of farmers to which SMS was sent	No. of feedback / query on SMS sent
Jan 2025	0	0	-
Feb 2025	0	0	-
March 2025	0	0	-
April 2025	0	0	-
May 2025	0	0	-
Jun 2025	0	0	-
Jul 2025	0	0	-
Aug 2025	0	0	-
Sept 2025	0	0	-
Oct 2025	04	16568	-
Nov. 2025	03	13697	-
Dec. 2025	02	10994	-

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	Total
	Text only	47	4	0	0	14	11	76
	farmers Benefited	39653	5811	0	0	11034	21790	78288
	Voice only	45	0	0	0	0	1	46
	farmers Benefited	152332	0	0	0	0	2886	155218
	Voice & Text both	92	0	0	0	0	12	104
	farmers Benefited	191985	5811	0	0	11034	24676	233506
	Total Messages	92	0	0	0	0	12	104
	Grant total of farmers Benefited	191985	5811	0	0	11034	24676	233506

15. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Demo Unit	Year of establishment	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty.	Cost of inputs	Gross income	
-	-	-	-	-	-	-	-	-	-

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

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production		
				Variety	Type of Produce	Kg
Paddy	26/06/2025	24/10/2025	0.50	GR 18	Seed	1330
Paddy	03/07/2025	29/10/2025	0.50	GR 17	Seed	1260
Paddy	05/07/2025	01/11/2025	0.40	GR 8	Seed	840
Gram	17/11/2025	10/02/2025	0.50	GM 7	Seed	465
Black Gram	16/01/2025	06/04/2025	0.20	GU 3	Seed	60
Green gram	20/01/2025	10/04/2025	0.50	GM 9	Seed	465
Indianbeem	14/01/2025	07/04/2025	-	GNIB 22	Seed	25
Mango	-	-	-	Kesar	-	Auction Rs. 122000/-
				Totapuri	-	
				Desi	-	
Seedlings (Brinjal)	-	-	-	GNRB 1	Seedling	2170 Nos.
Chilli	-	-	-	-	Seedling	2050 Nos.
Tomato	-	-	-	GT 7	Seedling	1550 Nos.
Mango grafting	-	-	-	Kesar	Seedling	2000 Nos.

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

Sl. No.	Bio Products	Name of the Product	Qty (kg/lit)	Amount (Rs.)		Remarks
				Cost of inputs	Gross income	
-	-	-	-	-	-	-

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	
-	-	-	-	-	-	-	-

E. Utilization of hostel facilities

Accommodation available (No. of beds):

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
-	-	-	Hostel facilities provided to Agriculture college, NAU, Waghai for students hostel purpose. Farmer hostel is under maintenance & repair

F. Database management

S. No	Period of Database	Database target	Database created
-	-	-	-

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 litres	Area irrigated / utilization pattern
			No. of Training programmes	No. of Demonstration s	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)		
-	-	-	-	-	-	-	-	-	-

H. Performance of Nutritional Garden at KVK farm

If Nutritional Garden developed at KVK farm/**Village Level**? YeNo: No

If 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
	Vegetable crops	Nil	
	Fruit crops		
-	Others if any		

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
	Vegetable crops	Nil	
	Fruit crops		
	Others if any		

H. Details of Skill Development Trainings/RPL 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.	KVKs	Value addition & Rural craft	8 hrs/day	37	189	0	0	37	189

17. 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 KVK	State Bank of India	Waghai, Dangs	SBIN0014992	Programme coordinator, NAU, Waghai	10692111061	394002508	SBIN0014992
With KVK	State Bank of India	Waghai, Dangs	SBIN0014992	Senior Scientist & Head	36984302799	394002508	SBIN0014992

B. Utilization of KVK funds during the year 2025-26 (Rs. in lakh) (Till February, 2026)

Sr. No.	Particulars	Sanctioned (Rs.)	Expenditure (Rs.)
1.1	Recurring Contingencies		
I	Pay & Allowances	1,13,98,750/-	1,21,70,152/-
II	Traveling allowances		
III	Contingencies	11,24,072/-	11,74,577/-
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance		
B	POL, repair of vehicles, tractor and equipments		
C	Meals/refreshment for trainees		
D	Training material		
E	Frontline demonstration except oilseeds and pulses		
F	On farm testing		
G	Training of extension functionaries		
H	Maintenance of buildings		
I	Establishment of Soil, Plant & Water Testing Laboratory		
J	Library		
	Total Recurring	1,25,22,822/-	1,33,44,729/-
1.2	Non-Recurring Contingencies		
I	Works	-	-
II	Equipments including SWTL & Furniture	-	-

III	Vehicle (Four wheeler/Two wheeler, please specify),	-	-
IV	Library	-	-
1.3	TSP(Farm Development)	-	-
1.4	GRAND TOTAL (1.1+1.2+1.3)	1,25,22,822/-	1,33,44,729/-

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
April 2020 to March 2021	71,68,778.00	8,62,872.00	67,72,066.00	72,59,609.00
April 2021 to March, 2022	69,82,397.00	2,26,158.00	8,97,689.00	63,10,866.00
April 2022 to March 2023	60,03,961.00	5,33,110.00	13,80,397.00	46,23,564.00
April 2023 to March 2024	59,93,961.00	7,87,517.00	18,38,838.00	49,42,640.00
April 2024 to March 2025	49,69,345.00	6,42,615.00	10,67,916.00	47,54,952.00
April 2025 to March 2026	47,54,952.00	1,91,517.00	8,44,084.00	-

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. B. M. Vahunia	Scientist	Tri mashik meeting	KVK Surat	Offline	27/01/2025
All Staff	Senior Scientist & Head, Scientist	NAU convocation	NAU, Navsari	Offline	01-07-2025
Dr. L. V. Ghetiya	Senior Scientist & Head	Attended 20th Convocation at NAU, Navsari	Examination Hall, NAU, Navsari	Offline	07-01-2025
Dr. L. V. Ghetiya	Senior Scientist & Head	Attended "Aabhardarshan" (Vote of Thanks for Grand Success of Mega Agri Fair" at NAU, Navsari	-	Offline	16-01-2025
All Staff	Senior Scientist & Head, Scientist	KVK review meeting	KVK waghai	Offline	02-03-2025
Dr. P. P. Javiya, Dr. B. M. Vahuniya	Scientist	Training on Natural farming	GNFSU, Halol	Offline	4 to 7/02/2025
All Staff	Senior Scientist & Head, Scientist	SAC meeting	KVK waghai	Offline	02-11-2024
Dr. P. P. Javiya	Scientist	Meeting vis AKRSP staff	KVK waghai	Offline	02-03-2025
Dr. J. B. Dobariya	Scientist	ICAR Sponsored Winter School on " Augmenting Communication & Managerial Competencies of Extension Professionals"	IARI, New Delhi	Offline	21 January 2025 to10 February 2025
Dr. J. B. Dobariya	Scientist	24th Scientific Advisory Committee Meeting	KVK, NAU, Waghai	Offline	11-02-2025
Dr. J. B. Dobariya	Scientist	21st AGRESO, SSG	NAU, Navsari	Offline	13-02-2025
Dr. J. B. Dobariya	Scientist	Meeting	KVK, NAU, Waghai	Offline	28-02-2025
Dr. L. V. Ghetiya	Senior Scientist & Head	Attended Bi-monthly Workshop	ATIC, NAU, Navsari	Offline	05-02-2025

Dr. L. V. Ghetiya	Senior Scientist & Head	Attended VC Meeting arranged by Ms Anju Sharma, Secretary, MoA, GoG, Gandhinagar for the planning of PM Kisan Nidhi program for Celebration of <i>Kisan Samman Samaroh</i> in The Dang district	Collector Office, Ahwa	Offline	18-02-2025
Dr. L. V. Ghetiya	Senior Scientist & Head	Attended VC Meeting arranged by MoA, GoI, New Delhi for the planning of PM Kisan Nidhi program for the Celebration of Kisan Samman Samaroh in The Dang district	Video Conference, MoA, GoI, New Delhi	Offline	18-02-2025
Dr. L. V. Ghetiya	Senior Scientist & Head	Meeting for the planning of the PM Kisan Nidhi program for the Celebration of Kisan Samman Samaroh in The Dang district and presented updation of work to RDC, Dang District, Ahwa	DAO Office & ATMA Office Ahwa	Offline	19-02-2025
Dr. L. V. Ghetiya	Senior Scientist & Head	Meeting for the planning of farmers' mobility, Lunch, Erection of Mandap/Stalls and LED & Plasma TV etc. for the Celebration of Kisan Samman Samaroh at KVK, Waghai	DAO Office & ATMA Office Ahwa	Offline	20-02-2025
Dr. H. A. Prajapati	Scientist	HORTICULTURE AGRESKO	ACH,NAU,Navsari	Offline	27/02/2025 to 28/02/2025
Dr. P. P. Javiya	Scientist	To attend the workshop of KVK Technical Staff	ATIC, NAU, Navsari	Offline	06-03-2025
Dr. P. P. Javiya	Scientist	NRM sub Committee meeting	NMCA, NAU, Navsari	Offline	17-18/03/2025
Dr. H. A. Prajapati	Scientist	Survey team in Horticulture crop damage on farmers field at Nisana	Nishana	Offline	21/03/2025
Dr. B. M. Vahunia	Scientist	PPSC Agresko	Surat	Offline	11 & 12-03-2025
All Staff	Senior Scientist & Head, Scientist	Capacity building on new emerging technologies	SSK, NAU, Navsari	Offline	06-03-2025
Dr. L. V. Ghetiya	Senior Scientist & Head	To attend the meeting of the Technical Committee of the Agricultural Diversification Scheme to decide input kit for the year 2025-2026	GoG, Gandhinagar	Offline	04-03-2025
Dr. L. V. Ghetiya, DR. J. B. DOBARIYA	Senior Scientist & Head, Scientist	To attend Annual Action Plan Workshop of KVKs of NAU & JAU 2025	NAU, Navsari	Offline	10-03-2025
Dr. L. V. Ghetiya	Senior Scientist & Head	To attend PPSC-AGRESKO Meeting (Plant Protection Group)	KVK, Surat	Offline	11 to 12-03-2025
Dr. P. P. Javiya	Scientist	MIDH meeting	DDO, Ahwa	Offline	09-04-2025
Dr. P. P. Javiya And Dr. H. A. Prajapati	Scientist	Natural farming mission	Online	Online	11-04-2025
Dr. H. A. Prajapati	Scientist	Natural farming training institute meeting	Online	Online	11-04-2025
Dr. H. A. Prajapati	Scientist	National mission on natural farming	Online	Online	11-04-2025
Dr. H. A. Prajapati	Scientist	Smart farming	Online	Online	30/04/2025
Dr. L. V. Ghetiya	Senior Scientist & Head,	To attend the inauguration of the Biochar Processing Unit & New Office-cum-Laboratory Building at the Coastal Soil Salinity Research Station, NAU, Danti-Ubharat. To observe function of Biochar	Coastal Soil Salinity Research Station, NAU, Danti-Ubharat	Offline	02-04-2025

		Processing Unit			
Dr. L. V. Ghetiya	Senior Scientist & Head	To attend the meeting of the "Auction of KVK's Mango Orchard for the 2025 season"	RHRS, NAU, Navsari	Offline	09-04-2025
Dr. L. V. Ghetiya	Senior Scientist & Head	To participate the seminar on "Implimentation of digital financial transaction, IT Policy, e-waste management and GeM purchase policy" of KVK Technical Staff	Examination Hall, NAU, Navsari	Offline	21-04-2025
All Staff	Senior Scientist & Head, Scientist	Krushhi shakhi talim ayojan babat	KVK Waghai	Offline	05-06-2025
All Staff	Senior Scientist & Head, Scientist	Planning of Krushi sankalp aytra	KVK Waghai	Offline	26/05/2025
Dr. H. A. Prajapati	Scientist	meeting regarding Dange of Mango orchard by unseasonal rain and storm	VC conference hall	Offline	05-07-2025
Dr. B. M. Vahunia	Scientist	21st Combined Agresco-PPSC Group	Navsari	Offline	6 & 07-05-2025
All Staff	Senior Scientist & Head, Scientist	KVK Review meeting	KVK Waghai	Offline	14-05-2025
Dr. L. V. Ghetiya	Senior Scientist & Head	To attend the celebration of Third "NAU Foundation Day" at Navsari	Examination Hall, NAU, Navsari	Offline	01-05-2025
Dr. L. V. Ghetiya	Senior Scientist & Head	GeM Refresher Training	Examination Hall, NAU, Navsari	Offline	02-05-2025
Dr. L. V. Ghetiya	Senior Scientist & Head	To attend a Zoom meeting regarding the Viksit Krishi Sankalp Abhiyan (Pre-kharif Campaign) at 20:00 o'clock	Zoom meeting of ATARI, Pune KVK, Waghai	Offline	29-05-2025
Dr. H. A. Prajapati	Scientist	Election meeting	mamlatdar office waghai	Offline	06-06-2025
Dr. H. A. Prajapati	Scientist	Election meeting	mamlatdar office waghai	Offline	13/06/2025
Dr. H. A. Prajapati	Scientist	Election booth visit	Uga and ambapada	Offline	17/06/2025
Dr. H. A. Prajapati	Scientist	Election duty	mamlatdar office waghai and Uga and Ambapada village panchayat	Offline	21/06/25 to 22/06/25
Dr. H. A. Prajapati	Scientist	Election counting meeting	mamlatdar office waghai	Offline	24/06/2025
Dr. H. A. Prajapati	Scientist	Election counting duty	mamlatdar office waghai	Offline	25/06/2025
Dr. B. M. Vahunia	Scientist	Scientific Advisory committee meeting	Fisheries college, Navsari	Offline	25/06/2025
Dr. H. A. Prajapati	Scientist	Meeting on PM kisan Programme	Navsari (offline)	Offline	31/07/2025
Dr. H. A. Prajapati	Scientist	Meeting on national Mission on Edible oil seed (to decide VCPE)	AHWA	Offline	18/07/2025
Dr. B. M. Vahunia	Scientist	Annual Zonal Workshop	Bhuj, Kutchh	Offline	20 to 22-07-2025
Mr. Sreyansh Chaudhari	SMS	DDO meeting Ahwa	AHWA	Offline	17-07-2025
Dr. J. B. Dobariya	Senior Scientist & Head	Natural Farming meeting	Collector Office, Ahwa, Dang	Offline	02-07-2025
All Staff	Senior Scientist & Head, Scientist	Prakrutik kheta parisnavd	CoA, waghai	Offline	31/08/2025
Dr. H. A. Prajapati	Scientist	National Mission on natural Farming	online	Online	11-08-2025

Dr. H. A. Prajapati	Scientist	Unveiling and demonstration of "KS Expert App (Beta Version) on Google Play Store"	online	Online	14/08/2025
Dr. H. A. Prajapati	Scientist	Review meeting regarding natural farming activities in dang district	Ahwa	Offline	26/08/2025
Dr. P. P. Javiya	Scientist	Planning and execution of the Viksit Krushi Sankalp Abhiyan-Rabi	Online	Online	09-12-2025
Dr. H. A. Prajapati	Scientist	DMC meeting of Agriculture (to decide inputs for Rabi and summer season)	online	Online	03-09-2025
Dr. H. A. Prajapati	Scientist	DMC meeting of Horticulture (Vegetable collection centre and solar cold room)	online	Online	11-09-2025
Dr. B. M. Vahunia	Scientist	Madhmakhi uchher and mushroom utpadan: samsya ane samadhan	Navsari	Offline	09-03-2025
Dr. Jeni H. Lalwani	Scientist	KVK Review meeting	KVK Waghai	Offline	09-08-2025
Dr. J. B. Dobariya, Mr. G. B. Padsala	Senior Scientist & Head, Scientist	Planning and execution of the Viksit Krushi Sankalp Abhiyan-Rabi	Online	Online	09-12-2025
Dr. J. B. Dobariya, Mr. G. B. Padsala	Senior Scientist & Head	36th ZREAC meeting	SSK Hall, NAU, Waghai	Offline	30-09-2025
Dr. P. P. Javiya	Scientist	Meeting of PGRFG Crop Production group	NMCA, NAU, Navsari	Offline	01-10-2025
All Staff	Scientist	Orientation program for ravi krushi mahotsav 2025	SSK, NAU, Navsari	Offline	01-10-2025
Dr. H. A. Prajapati	Scientist	PG-RAG meeting of COA,waghai,dang	COA,waghai	Offline	16-10-2025
Dr. H. A. Prajapati	Scientist	Krishi mahotsav regarding	conference hall, excellence of Mushroom , COA,dang	Offline	09-10-2025
Dr. S. A. Patel	Scientist	Emerging trends and practical solutions in managing bovine infertility	Dantiwada	Offline	13-10-2025
All Staff	Senior Scientist & Head, Scientist	Assessment of package of practices in Dang Districts	KVK waghai	Offline	06-10-2025
All Staff	Senior Scientist & Head, Scientist	KVK review meeting	KVK waghai	Offline	09-10-2025
Dr. J. B. Dobariya, Mr. G. B. Padsala, Dr. H. A. Prajapati	Senior Scientist & Head, Scientist	VKSB Orientation programme & Capacity Building workshop	SSK Hall, NAU, Waghai	Offline	01-10-2025
All Staff	Senior Scientist & Head, Scientist	KVK review meeting	KVK waghai	Offline	07-11-2025
Dr. P. P. Javiya	Scientist	National Pulse mission	Online	Offline	10-11-2025
All Staff	Senior Scientist & Head, Scientist	KVK review meeting	KVK waghai	Offline	17-11-2025
Dr. J. B. Dobariya	Senior Scientist & Head	Natural Farming activities	DEE, NAU, Navsari	Online	06-11-2025
Dr. J. B. Dobariya	Senior Scientist & Head	GST meeting	Central Examination Hall, NAU, Navsari	Offline	10-11-2025
Dr. J. B. Dobariya	Senior Scientist & Head	TSP, Natural Farming and other project	ATARI, Pune	Online	14-11-2025
All Staff	Senior Scientist & Head, Scientist	KVK review meeting	KVK waghai	Offline	11-12-2025
Dr. H. A. Prajapati Dr. S. A. Patel	Scientist	Natural farming samiksha bethak	KVK waghai	Offline	08-12-2025
Mr. Gaurang B.	Scientist	BHUMI SUPOSHAN	College of	Online	05-12-2025

Padsala			Natural Farming, GNFSU, Amreli		
Mr. Gaurang B. Padsala	Scientist	Pre-Incubation Mentoring Program for Fisheries Startups	National Institute of Agricultural Extension Management (MANAGE)	Online	01-12-2025 to 24-12-2025

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 (base year)	After (current year)
-	-	-	-	-	-

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
-	-	-	-	-	-

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 Swachhta Action Plan (SAP)

S. No.	Types of major Activity conducted- Swachhta Pakhwada, Cleaning, Awareness Workshop, Microbial based Agricultural Waste Management by Vermicomposting etc.	No. of Programmes conducted	No. of Participants
-	-	-	-

22. Books published 2025-26

Title of the Book	Authors	ISBN No	Publisher	Pages No	Description/review of the book (one paragraph)
Pushuona rogo ane nivaran	Patel, S. A.; Javiya P. P.; Ghetiya, L. V.; Vahunia, B. M.; Dobariya J. B; Patel K. V.	978-93-342-4680-3	Krushvi Vigyan Kendra, NAU, Waghai, Dang	100	Pushuona rogo ane nivaran, Patel, S. A.; Javiya P. P.; Ghetiya, L. V.; Vahunia, B. M.; Dobariya J. B; Patel K. V.; 2025, NAU, Navsari Publication : NAU/04/07/097/2025, ISBN NO.: 978-93-342-4680-3

Ghachara pakoni vegyanik kheti padhdhati	Javiya, P. P.; Patel, S. A.; Vahunia, B. M.; Dobariya J. B; Ghetiya, L. V.; Patel R. S	978-93-342-5125-8	Krushi Vigyan Kendra, NAU, Waghai, Dang	86	Ghachara pakoni vegyanik kheti padhdhati 2025, NAU, Navsari Publication : NAU/04/07/096/2025, ISBN NO.: 978-93-342-5125-8
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23. Footfall in KVKs

State	Name of KVK	No. of Footfalls			
		Farmers	Officials	VIPs	Total
Gujarat	Dang	3145	07	00	3152

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

A. Award

Sr.No.	Name	Award name	Given by	Date
1.	Dr. J. B. Dobariya	Best Extension Scientist Award	Board of management of Navsari Agricultural University, Navsari	07-01-2025

B. Dignitaries visit to KVK Waghai

Sr. No.	VIPs/ Guests	Designation and Address	Date of Visit	Place of visit	Suggestions/Recommendation (if any)
1.	Dr. K. B. Kathiriya	Hon'ble, Vice Chancellor, AAU, Anand	06-01-2025	KVK, Waghai	Today we have visited Waghai center, College, Polytechnic and KVKs are functioning with all the activities carried out as per objectives. All the faculties are dedicated and devoted to their faculty they are working for farmers and students. The infrastructure facilities are absolutely fantastic like "Jungle ma Mangal"
2.	Dr. R. M. Chauhan	Hon'ble, Vice Chancellor, SDAU, Dantiwada			
3.	Dr. V.P. Chovatiya	Hon'ble, Vice Chancellor, JAU, Junagadh			
4.	Dr. P. D. Palsana	Addl. Secretary, Agriculture Department, Gandhinagar	08-01-2025	KVK, Waghai	I have visited multi achiever campus under NAU, In this campus, I have seen KVK, Agriculture College, Polytechnic College and Hill Millets Research Station. Here seen all the activities run by these all different sectors, scientists and staff is doing very hard work.
6.	Dr. B. Suchindra	IFS, CCF, Valsad	21/07/2025	KVK, Waghai	The visit to KVK Waghai has happened to look into the KVK objective & Activities. Dean Dr. Ajay patelji, Dr. J. B. Dobariya has explained & look around the KVK. The explained on Organic Farming & Natural Farming was good & appreciates the officer of scientist of KVK. Thanks to all scientists for their primenders & highworthly effects.
7.	Mr. Soaib Rahman	SNR,MGR (CMS)	29/07/2025	KVK, Waghai	Very nice speaking to Dr. L. V. Ghetiya & his leadership be important our study.

C. DISTRICT AGROMET UNIT (DAMU) PROJECT

(Jan.-Dec., 2025)

Sr. no.	Activity	No. of activity	No. of farmers
1.	Lecture delivered to Farmer on use of weather forecast by Agromet Advisory	36	2459
2.	Dissemination of Agromet Advisory		
	Whatsapp groups:	07	1567
3.	Agromet Advisory Service (Regular basis on every Tuesday & Friday)	104 District level bulletin 312 Block level bulletin (English & Regional Language)	1567
4.	Special advisory issued during Unseasonal rainfall.	2	1567

APR SUMMARY

(Note: While preparing summary, please don't add or delete any row or columns)

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	75	2761	1202	3963
Rural youths	-	-	-	-
Extension functionaries	05	8	123	131
Sponsored Training	44	969	980	1949
Vocational Training	07	37	189	226
Total	131	3775	2494	6269

2. Frontline demonstrations

Crops/Enterprise	No. of Farmers	Area(ha)	Units/Animals
Oilseeds	-	-	-
Pulses	102	17.8	-
Cereals	179	69	-
Vegetables	25	5	-
Other crops	325	35	-
Hybrid crops	-	-	-
Total	631	126.8	
Livestock & Fisheries	75	1.25	75
Other enterprises	146	-	146
Total	221	1.25	221
Grand Total	852	128.05	221

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	05	34	34
Livestock	02	35	35
Various enterprises	-	-	-
Total	07	69	69
Technology Refined			
Crops	-	-	-
Livestock	-	-	-
Various enterprises	-	-	-
Total	-	-	-
Grand Total	07	69	69

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	1476	119455
Other extension activities	00	00
Total	1476	119455

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	Total
Dang	Text only	47	4	0	0	14	11	76
	Voice only	45	0	0	0	0	1	46
	Voice & Text both	92	0	0	0	0	12	104
	Total Messages	92	0	0	0	0	12	104
	Total farmers Benefitted	191985	5811	0	0	11034	24676	233506

6. Seed & Planting Material Production

	Quintal/Number	Value (Rs.)
Seed (q)	44.45	-
Planting material (No.)	7770	-
Bio-Products (kg)	-	-
Livestock Production (No.)	-	-
Fishery production (No.)	-	-

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value (Rs.)
Soil	00	00
Water	00	00
Plant	61	-
Total	61	-

8. HRD and Publications

Sr. No.	Category	Number
1	Abstract	00
2	Workshops	09
3	Conferences	02
4	Meetings	97
5	Trainings for KVK officials	07
6	Visits of KVK officials	07
7	Book published	02
8	Training Manual	00
9	Book Chapters	01
10	Booklet	00
11	Leaflets/ Folder/ Pamphlet	01
12	Research papers	03
13	Technical Bulletin	69
14	Popular article	14
15	Lead papers	00
16	Seminar papers	00
17	Extension folder	00
18	Proceedings	00
19	Award & recognition	01
20	On-going research projects	00
21	Other	00