

SCIENTIFIC ADVISORY COMMITTEE
KRISHI VIGYAN KENDRA
NAU, WAGHAI (DANGS), GUJARAT

1.	Dr. Z. P. Patel, Hon'ble Vice Chancellor, NAU, Navsari	Chairman
2.	Director, ICAR-ATARI, Puna	Member
3.	Dr. N. M. Chauhan, Director of Extension Education, NAU, Navsari	„
4.	Dr. T. R. Ahlawat, Director of Research, NAU, Navsari	„
5.	Dr. H. E. Patil, Associate Research Scientist, Main Hill Millet Research Station, NAU, Waghai, Dangs	„
6.	Dr. A. P. Patel (Associate Professor) Agronomy, College of Agriculture, NAU, Waghai, Dangs	„
7.	Professor & Head, Department of vegetable Science, ACHF, NAU, Navsari	„
8.	Project Director, ATMA, Ahwa, Dangs	„
9.	Deputy General Manager, NABARD, Ahwa, Dangs	„
10.	District Agriculture Officer, Ahwa, Dangs	„
11.	Assistant Director of Horticulture, Ahwa, Dangs	„
12.	Area manager, AKRSPI, Ahwa, Dangs	„
13.	District Animal Husbandry Officer, Ahwa, Dangs	„
14.	Shri Bendubhai Mahadubhai Gaikwad, (Progressive Farmer), Nadagkhadi, Ta.- Waghai, Dangs	„
15.	Smt. Baliben Laljibhai Gamit, (Progressive Women Farmer), Bhenshkatri, Ta.- Waghai, Dangs	„
16.	Shri Kashirambhai G. Birari, (Agri Entrepreneur), Jamlapada, Ta.-Waghai, Dangs	„
17.	Smt. Bhartiben Chintubhai Patel, (Chair person of Women SHG), Waghai, Dangs	„
18.	Senior Scientist & Head, KVK, NAU, Waghai, Dangs	Member Secretary
Invitee members		
19.	Dr. J.J.Pastagia, Principal, College of Agriculture, NAU, Waghai, Dangs	Invitee
20.	Dr. Mahaveer Choudhari, Principal, Agril. Polytechnic, NAU, Waghai, Dangs	Invitee
21.	Chairman, Khapri Co. Mandli, Waghai, Dangs	Invitee
22.	Manager, State bank of India, Waghai, Dangs	Invitee
23.	Mr. Govindbhai Machhi, Uga-Chichpada, Waghai, Dangs	Invitee
24.	Shree Maganbhai K. Gaykawad, Chichond, Waghai, Dangs	Invitee
25.	Chairman, Ambedkar sevadham trust, Ahwa, Dangs	Invitee
26.	Chairman, APMC market yard, Waghai, Dangs	Invitee
27.	Mahalkshmi sakhi mandal, Waghai, Dangs	Invitee
28.	Range Forest officer, Waghai, Dangs	Invitee
29.	Divyeshbhai Mohanbhai Sable, Sati, Ahwa, Dangs	Invitee
30.	Nandaben Nileshbhai Patel, Sati, Ahwa, Dangs	Invitee

Note: All Scientist, Programme Assistant & farm manager of KVK is active participants as special invitees.

23.1 Approval of the minutes of 22nd Scientific Advisory Committee meeting

The action taken report on the minutes of 22nd SAC meeting held on 07-01-2023 at KVK, Waghai are as follow:

22.1.1	Create awareness regarding grading in vegetable crop.	Carried out 7 training programmes with 241 farmers in attendance.
22.1.2	Popularization of single eye bud technique in sugarcane.	Conducted two training programmes with ninety farmers in attendance.
22.1.3	Create awareness on reduction of cost of cultivation in the dang district.	A total of 3577 farmers benefited from our 09 training and 08 awareness programs, which included farmers meetings, Kisan Melas, exhibitions and other events. 25 farmers received Napier grass sets as FLD and other farmers received hand weeders as FLD.

23.2: Review of work done during the period of January- 2023 to December-2023

Thrust area

Dangs is basically a forest dominated rainfed area with high rainfall. It has hilly and undulating terrain, scattered plots with negligible area under irrigation. The infrastructure facilities like road transports, marketing *etc.* are very poor. Besides, most of the population is tribal which are economically poor.

The Major thrust areas are as under:

- ✚ Increase productivity of the major field crops, fruits and vegetables by introduction of new technologies
- ✚ Increasing milk production by dissemination of latest technology
- ✚ Management of natural Resources (Soil and water conservation)
- ✚ Empowerment of tribal women for sustaining livelihood
- ✚ Popularization of suitable farming system and value addition
- ✚ Protected cultivation and high-tech agriculture
- ✚ Integrated farming system
- ✚ Farm mechanization
- ✚ Introduction of new crops like sunflower, bajra, strawberry, pineapple, tuber crops, *etc.*
- ✚ Decrease cost of cultivation by use of available resource
- ✚ Preparation Bio-pesticide and fertilizer in home base
- ✚ Adopted mulching practices for decalcify of evaporation
- ✚ Use turmeric powder in small injury in livestock
- ✚ Feeding drumstick in milch animal
- ✚ Preparation of natural pesticide & fertilizer in home base.

A. Training achievements: (January-2023 to December-2023)**1. On campus trainings:**

Discipline	No. of courses	No. of Participants		
		Male	Female	Total
Crop Production	7	185	35	220
Horticulture	10	344	88	432
Plant Protection	5	37	97	134
Animal Science	6	22	120	142
Extension Education	5	102	70	172
Total	33	690	410	1100

2. Off campus trainings:

Discipline	No. of courses	No. of Participants		
		Male	Female	Total
Crop Production	4	108	28	136
Horticulture	6	131	102	233
Plant Protection	6	95	96	191
Animal Science	4	50	48	98
Extension Education	2	42	30	72
Total	22	426	304	730

3. Sponsored trainings (on & off campus):

Discipline	No. of Courses	No. of participants		
		Male	Female	Total
Crop Production	13	340	242	582
Horticulture	11	182	321	503
Plant Protection	13	150	496	646
Animal Science	11	71	392	463
Extension Education	12	261	233	494
Total	60	1004	1684	2688

Sponsored: ATMA, FTC, DWDA, AKRSP, Sevadham trust, Dept. of Agriculture, Horticulture, Animal Husbandry *etc.*

4. Vocational training programmes for Rural Youth:

Discipline	Period	Training title	Identified thrust area	No of participants		
				Male	Female	Total
Crop Production	04 to 08/12/2023	Seed production at farmers field	Increase productivity of the major field crops	17	13	30
Horticulture	16 to 20/06/2023	Seedling preparation in Plug tray	Protected cultivation	7	25	32
	1,8,9,11,12/12/2023	Preparation of Jeevamrit and Ghanjeevamrit	Preparation of natural pesticide & fertilizer	11	4	15
Plant Protection	11 to 16/12/2023	Preparation of neem based pesticides	Preparation Bio-pesticide	2	29	31
Animal Science	26 to 29/12/2023	Backyard poultry rearing	Introduction of new poultry birds	16	9	25
Total				53	80	133

5. In Service Training

Discipline	Period	Training title	Identified thrust area	No of participants		
				Male	Female	Total
Horticulture	22/06/2023	Natural Farming	Preparation of natural pesticide & fertilizer	3	55	58
Extension Education	21 & 22-11-2023	Entrepreneurship development in veterinary science and livestock production	Empowerment of tribal people	0	50	50
Total				3	105	108

Grand Total of Trainings (1 to 5)	No. of Courses	Male	Female	Total
		122	2176	2583

B. Frontline Demonstrations:

Performance of Frontline demonstrations (*Rabi, Kharif-2022, Summer-2023*)

Frontline demonstration on pulse crops:

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)			Check	% Increase in yield	Economics of demonstration* (Rs./ha)				Economics of check (Rs./ha)			
						Demo					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	15.25	12.50	13.80	10.62	29.94	20000	62100	42100	3.11	18000	47790	29790	2.66

* 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 2023*):

Category & Crop	Thematic Area	Name of the technology	Variety/ Input	No. of Farmers	Area (ha)	Yield (q/ha)			Check	% Change in Yield	Economics of demonstration* (Rs./ha)				Economics of check (Rs./ha)			
						Demo					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(Gira)	25	5	16.35	13.40	14.57	9.95	46.43	12000	58280	46280	4.86	10000	39800	29800	3.98
Little millet	ICM	New variety	GNV 3	25	5	14.30	11.70	13.11	9.75	34.46	10000	45885	35885	4.59	8000	34125	26125	4.27
Paddy	ICM	New variety	GR 17	25	5	28.20	25.05	27.48	22.10	24.34	20000	49464	29464	2.47	25000	39780	14780	1.59
Horticultural other crops (2023)																		
Mango	ICM	New variety	Kesar	30	3	80% Survival rate												
Plant Protection (2023)																		

Category & Crop	Thematic Area	Name of the technology	Variety/ Input	No. of Farmers	Area (ha)	Yield (q/ha)			Check	% Change in Yield	Economics of demonstration* (Rs./ha)				Economics of check (Rs./ha)			
						Demo					Gross Cost	Gross Return	Net Return	BCR** (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						H	L	Av.										
Mango	IPM	Fruit fly trap	Local varieties	25	5	65	61.5	63.06	52.9	19.44	50000	239658.4	189658.4	4.79	49500	201020	151520	4.06
Fingermillet	IDM	Pseudomonas	Local varieties	25	5	13.5	12	12.96	9.9	29.86	12000	51856	39856	4.32	10000	39984	29984	3.99
Paddy	IPM	Beauveria bassiana	Hybrid	25	5	26	24.5	25.28	21.59	17.14	25000	48039.6	23039.6	1.92	24500	40943.6	16443.6	1.67

* 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 Livestock (Rabi, Summer-2023):

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.	Poultry farming	Introduction of new improved birds- Rhode Island Red	20	10 Poultry	142 eggs/year	89 eggs/year	59.5	-	-	2000	5200	3200	2.6	1400	3100	1700	2.21
Dairy cow (Adaptive trial)																	
1.	Poultry farming	Introduction of new improved birds- Rhode Island Red	20	10 Poultry	135 eggs/year	85 eggs/year	58.8	-	-	2000	4900	2900	2.45	1400	2900	1500	2.07
2.	Fodder management	Sorghum GFS 6	108	13.5 ha	322	265	21.51	-	-	26000	80500	54500	3.09	27000	66250	39250	2.45
3.	Fodder management	Sorghum CSV 21F	28	3.5 ha	310	257	20.62	-	-	26000	77500	51500	2.98	27000	64250	37250	2.37

* 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: (Kharif, Rabi, Summer-2023):

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (Kg/ha)		% change in yield	Economics of demonstration (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	BCR (R/C)
					Extension education	Kitchen garden kit					

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
						Hand weeder (KVK regular)	Kitchen garden, pulses									

FLDs under other schemes (Other than KVK-ICAR Budget-TSP, Adaptive trial, (Rabi, Summer-2023):

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															
Oilseed															
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Pulse crops														
Gram (TSP)	ICM	New variety	GJG 3	50	6.66	16.00	12.84	14.64	10.75	36.19	16500	73200	56700	4.44
Green gram (TSP)	ICM	New variety	GM 6	50	7.50	10.19	8.52	9.41	6.16	52.76	20000	67752	47752	3.39
Other crops														
Paddy (Adaptive trial)	ICM	New variety	GR 17	30	15	31.38	22.18	27.72	21.98	26.11	20000	49896	29896	2.49
Horticultural														
Mango	ICM	New variety	Kesar	11	1.1	80% Survival rate								
Okra	ICM	New variety	Purna rakshak	20	0.05	76	62	70.25	96.2	-26.76	80000	210750	130750	2.63
Indian bean	ICM	New variety	GNIB 22	20	2.0	41	29	35.35	26.25	35.31	41627.5	88375	46747.5	2.12
Green Gram (natural farming)	ICM	New variety	GM 6	16	0.24	5.9	4.8	5.23	6.08	-13.98	14643.75	34043.75	19400	2.32
Plant Protection														
Pigeon pea	IPM	Pheromone trap	Local varieties	100	20	14.5	13.1	13.55	10.18	33.17	20000	53905	33905	2.69
Bitterguard	IPM	Cue lure trap	Local varieties	100	41	98	92	96.06	81.57	17.89	60000	240150	180150	4.00

* 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 (2023-24)

Sr. No.	Discipline	Season	Crop/ Enterprise	Variety/ Technology Input	Area (ha)	No. of Demo.
1.	Crop Production	<i>Kharif, 2023-24</i>	Chickpea	GJG 3	5	25
2.	Horticulture	<i>Rabi, 2023-24</i>	Mango	Kesar	5	50
3.		<i>Rabi, 2023-24</i>	Okra	NOVEL & Bio fertilizer	2.5	25
4.		<i>Rabi, 2023-24</i>	Indian been	GNIB 22	0.50	5
5.	Plant Protection	<i>Rabi, 2023-24</i>	Bittergourd	Cue lure trap	5	25
6.		<i>Rabi, 2023-24</i>	Cashewnut	Beauveria	5	25
7.	Animal Science	<i>Rabi 2023-24</i>	Sorghum	CSV 21F	2.5	20
Total					25.5 ha	175

IX. Demonstrations given under other schemes (*kharif/Rabi/Summer,2023-24*):

Sr. No.	Scheme/ Particulars of the FLD	Season	Crop	Variety/ Component/ Technology	Area/Unit	No. of Dem o.
I	Adaptive trial (Phase-2)					
1.	Crop production	Rabi, 2023-24	Pigeon pea	GT 105	5 ha	25
2.		Rabi, 2023-24	Pigeon pea (CFLD)	GT 104	20 ha	50
3.	Horticulture	Rabi, 2023-24	Brinajal	GNRB 1	0.4 ha	40
4.		Rabi, 2023-24	Indian been	GNIB 22	1.4 ha	14
5.	Plant Protection	Rabi, 2023-24	Mushroom	Mushroom	60 Unit	60
6.	Extension education	Rabi, 2023-24	Line sowing crops	Tween wheel hoe	31 unit	31
Total					26.8 ha & 91 unit	220

Farmers Feedback on the demonstrated technologies:

Sr. No.	Discipline	Feed Back
1.	Crop Production	GT 105 variety of pigeon pea is more preferable than others in dangs.
2.		CFMV 2 (Gira) variety of finger millet was found more suitable than local in dangs.
3.	Horticulture	The pulses vegetable seed should be included in the kitchen gardening kit.
4.	Plant Protection	Cue lure trap was found good for control of fruit fly.
5.	Animal Science	Improved birds RIR are more economic than local birds with respect to egg production.
6.		Use of chaff cutter for cutting fodder It resulted into prevents wastage of fodder.
7.	Extension	More focus to be given to the FPO
8.	Education	Twin wheel hoe was found more suitable in dang district area.

Technical Feedback for research/ extension activities

Sr. No.	Discipline	Feed Back
1.	Crop Production	Farmers demanding for local varieties seeds of paddy from university.
2.	Horticulture	Hemlata variety of greater yam is more susceptible to anthracnose compare to local variety.
3.		Farmers required round shape based variety of Greater yam.
4.	Plant Protection	Required effective organic control for brinjal mite.
5.		Farmers required Govt. sector hybrid variety of okra which is suitable for off season.
6.	Animal Science	To develop area specific mineral mixture for dang district.
7.	Extension Education	Need recommendation for management of false smut in paddy in organic/Natural farming in dangs.
8.		Need recommendation of natural farming practices of paddy, finger millets, Green gram, Ground nut, Chickpea, Mango, Okra, and Watermelon etc.

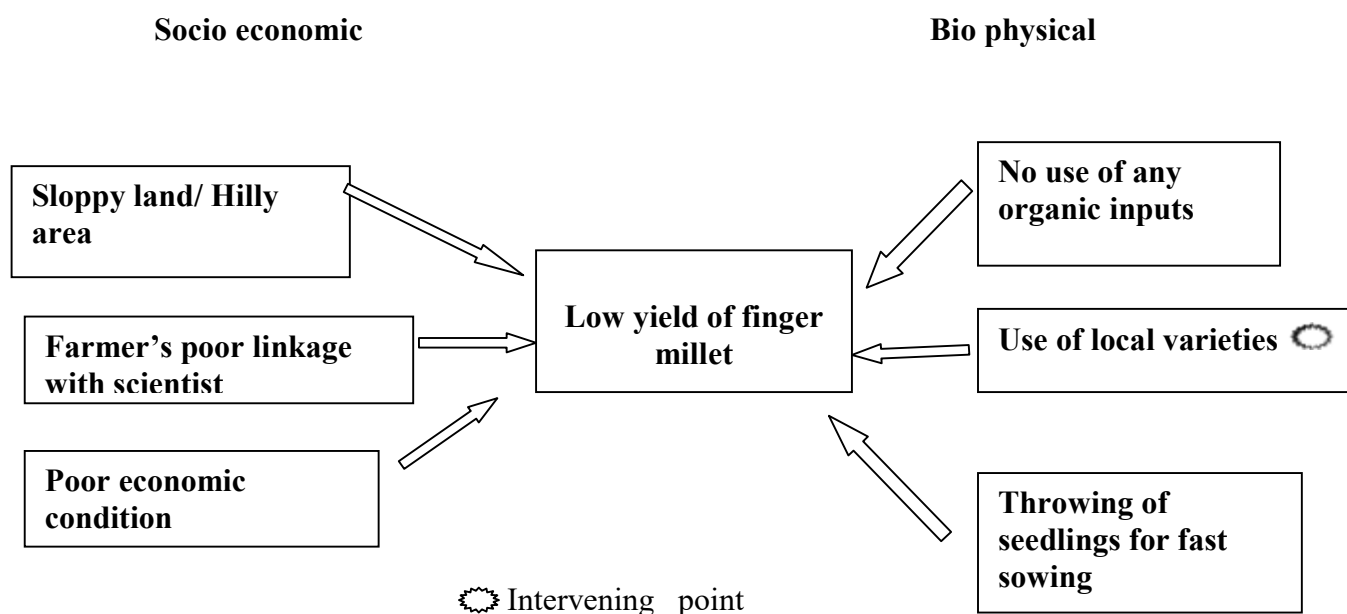
C. On Farm Trials (OFTs):

OFT-1:

Title: Varietal assessment of finger millet

Finger millet is a main staple food for tribal farmers of Dang district and also it emerging as a important nutritive cereal crop due to its high nutrient content. In Dang district, finger millet is normally grown on poor and marginal soils with local varieties. Finger millet requires healthy seedlings of high yielding varieties. Most of the farmers use local varieties of finger millet which reduce the number of productive tillers, small seeded less finger and susceptible to pest and diseases, so ultimately its reduce the crop yield.

Problem: See the problem cause diagramme



1.	OFT Title	Varietal evaluation of finger millet
2.	Prioritized problem	Use of local varieties
3.	Technology Assessed	T ₁ : Farmers Practices (Local varieties) T ₂ : GNN 8 T ₃ : CFMV 2 (Gira)
4.	Variety	As per treatment

5.	Seed rate	5 kg per ha
6.	Season	<i>Kharif</i> – 2022 to 2024
7.	No. of trials	10
8.	Total area of OFT	3.0 ha
9.	Observation to be studied	Yield (kg/ha)
10.	Source of Technology	Hill Millet Research Station, NAU, Waghai
11.	Name of critical input	Seed, Novel organic fertilizer, PSB and <i>Azotobacter</i>
12.	Appro. Cost per OFT	500/-

Performance of the technology with performance indicators:

Result: 1st year

Treatment	<i>Kharif-2022</i>		
	T ₁	T ₂	T ₃
Yield (q/ha)			
Highest	11.00	12.50	14.50
Lowest	9.90	11.00	13.00
Average	10.50	11.95	13.66

Result: 2nd year

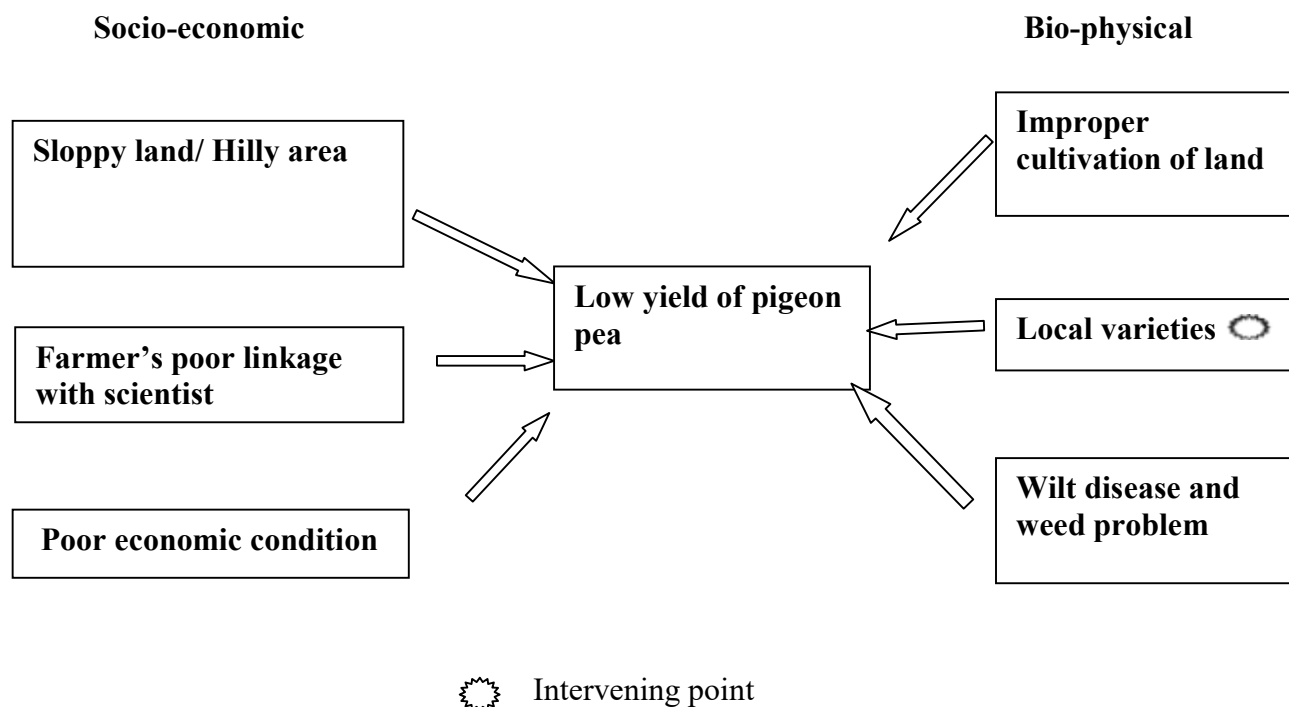
Treatment	<i>Kharif-2023</i>		
	T ₁	T ₂	T ₃
Yield (q/ha)			
Highest	10.20	12.10	14.60
Lowest	8.50	10.40	12.70
Average	9.26	11.39	13.68

OFT-2:

Title: Varietal evaluation of chickpea

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.

Problem: See the problem cause diagramme



1.	OFT Title	Varietal evaluation of chickpea
2.	Prioritized problem	Use of local varieties
3.	Technology Assessed	T ₁ : Farmer variety (Local varieties) T ₂ : GJG 6
4.	Variety	As per treatment
5.	Seed rate	60 kg per ha
6.	Season	Rabi– 2023-24 to 2025-26
7.	No. of trials	10
8.	Total area of OFT	3.0 ha
9.	Observation to be studied	Yield (kg/ha)
10.	Source of Technology	Pulse Research Station, JAU, Junagadh
11.	Name of critical input	Seed, Novel organic liquid nutrients, <i>Rhizobium</i> and PSB
12.	Appro. Cost per OFT	1500/-

- **Result awaited**

OFT-3:

Title: Varietal assessment of Indian bean in the Dangs district

Background:

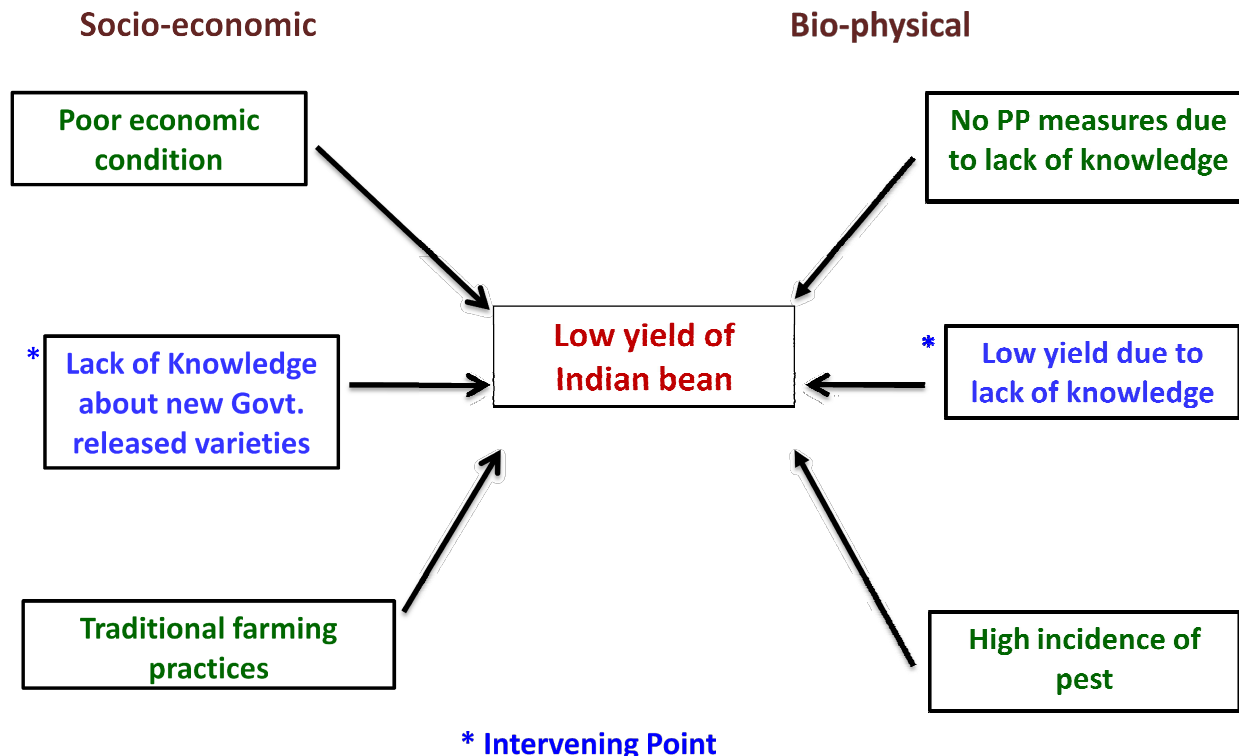
In the Dangs district, mostly Desi (Katargam) and other indeterminate variety of Indian bean is grown with low yield potential due to lack of knowledge about proper scientific cultivation and lack of knowledge about new released variety of State Agricultural Universities and Government Institutions.

GNIB 22 (>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.

Problem cause diagram



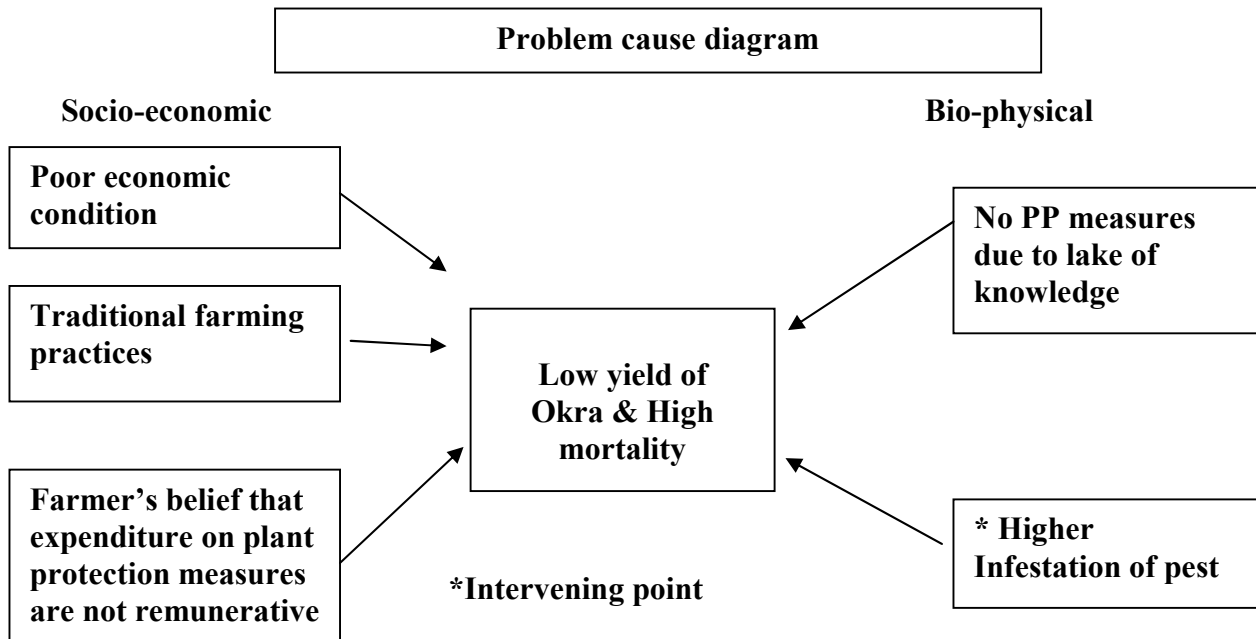
1.	OFT Title	Varietal assessment of Indian bean in the Dang District
2.	Prioritized problem	Low yield of Farmers variety (due to lack of knowledge about proper scientific cultivation method and lack of knowledge about new released variety of State Agricultural Universities and Government Institutions.)
3.	Technology Assessed	T ₁ : Farmers practices (Katargam) T ₂ : GNIB 21 (2014) T ₃ : GNIB 22 (2017)
4.	Variety	“Gujarat Navsari Indian Bean 21 ” and “Gujarat Navsari Indian Bean 22”
5.	Seed rate	25-30 kg/ha
6.	Season	<i>Rabi</i> – 2023-24
7.	No. of trials	06 (0.1 ha per treatment and 0.3 ha per farmer)
8.	Total area of OFT	1.8 ha
9.	Observation to be studied	Primary parameters : Yield of pods (kg/ha)
10.	Source of Technology	Navsari Agricultural University, Navsari (2016-17) Pusa research centre, NAU, NAVsari (2017)
11.	Name of critical input	Seeds, Novel organic liquid nutrients, PSB , <i>Rhizobium</i> and KMB (Novel & other Bio-fertilizer given for adoption of organic farming)

- **Result awaited**

OFT 4: Management of Fruit & Shoot borer of Okra

Background :

Okra (*Abelmoschus esculentus*) is a vegetable crop widely grown during *Kharif/ Rabi* season in dang district. Day by day increasing the area of Okra in this district gives comparatively 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 public variety in Dang district for best performance for growth, yield and quality character for avoid these problem OFT is taken.



Treatments:	T ₁ : Farmers practice T ₂ : Installation of Pheromone trap T ₃ : Spray Azadirachtin (Neem oil based) 1500 ppm
Season	Rabif – 2021-22
No. of villages	01
No. of farmers	06
Area/treatment/farmer	0.2 ha per treatment & 0.6 ha per farmer
Total area of OFT	3.6 ha
Observation to be recorded	Yield of Okra (kg/ha)
Estimated cost of inputs per trial/per farmer	Rs. 4000 (Approx.)

Result:

Sr. No.	Year	No of trial	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	0.2	81.16	99.5	107.00
2.	2022-23	Input not given due to the lack of grant.				
3.	2023-24	Result is awaited				

OFT-5:

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

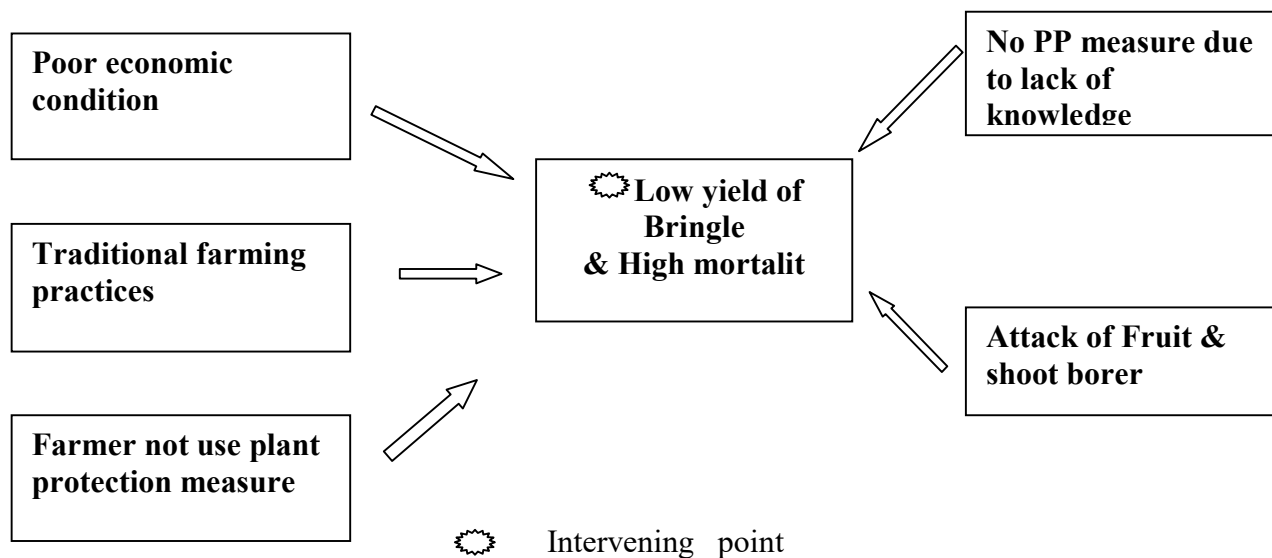
Background:

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 brinjal fruits are moderate source of vitamins and minerals like phosphorus, calcium and iron and nutrition value. Brinjal is infected by fruit & shoot borer. Occasional out brack of this disease causing losses to farmer.

Problem: See the problem cause diagramme

Socio economic

Bio physical



1.	OFT Title	Assessment of pheromone traps technology for the management of Fruit & shoot borer in Brinjal.
2.	Prioritized problem	Low yield of brinjal.
3.	Technology Assessed	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)
4.	Variety	Mixed
5.	Season	Rabi- 2023
6.	No. of village	01
7.	No. of farmer	06
8.	Area/ treatment/farmer	0.2 ha per treatment & 0.6 ha per farmer
9.	Total area of OFT	3.6 ha
10.	Observation to be recorded	Yield of brinjal (kg/ha)
11.	Source of Technology	AAU, Anand & TNAU,TN
12.	Name of critical input	Pheromone trap
13.	Estimated cost of input per trial/per farmer	4000

- **Result awaited**

OFT 6

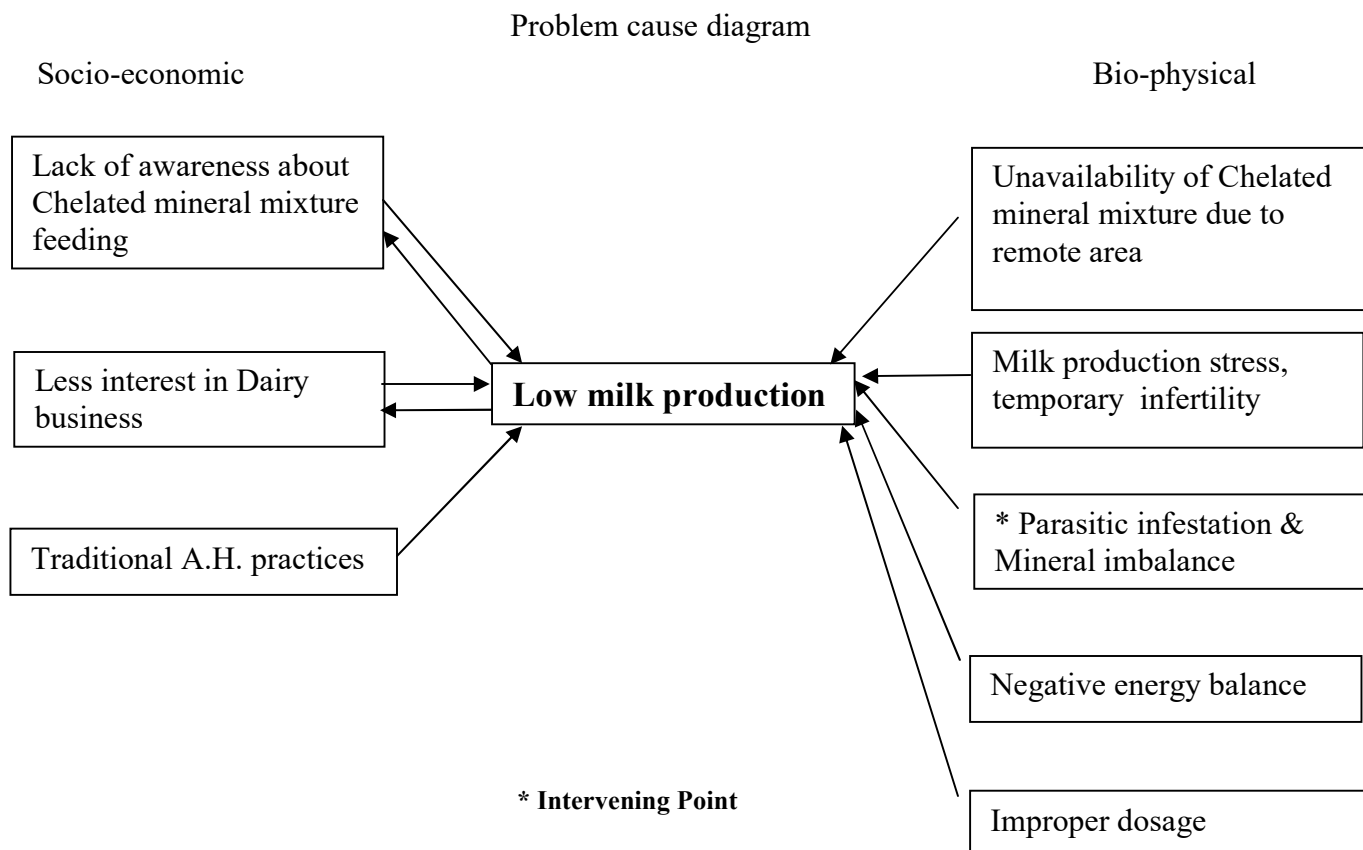
Title: - Use of Chelated minerals in the diet of crossbred HF cows

Background:

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. 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 day 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 affect 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 frames 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.



Problems :

- ✓ Low milk production due to mineral imbalance & parasitic infestation
- ✓ Negative energy balance
- ✓ Milk production stress

Source of technology: NDRI, Karnal

Production system and thematic area: Feeding management

Treatments :

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 + Bolus Fenbendazol @ 1 mg/ 5-7.5 kg body weight

Detail of OFT Programme:

- ✓ No. of Villages : 10
- ✓ No. of animals: 10 crossbred milking cows each group

Parameters to be evaluated/ recorded:

Result: 1st year

Parameter	T ₁	T ₂	T ₃	%Increase
Milk Production (Lit./day)	3.69	4.53	5.43	8.34
Post partum estrus days	146	115	110	-

- **Result awaited**

E. Extension Activities: (January 2023 to December 2023):

Sr. No.	Name of activities	No. of activities	No. of participants		
			Male	Female	Total
1.	Lecture delivered	86	10754	9604	20358
2.	Field visit	36	67	28	95
3.	FLD visit	31	46	20	66
4.	Scientists visit to farmers field	18	191	13	204
5.	Farmers visit to KVK	140	1444	1407	2851
6.	Diagnostic visit	37	76	14	90
7.	Exposure visit	26	72	24	96
8.	Kisan Gosties	03	134	23	157
9.	Animal camps	01	09	07	16
10.	Field day	01	32	0	32
11.	Farmers fair	02	574	466	1040
12.	Method demonstrations	58	976	794	1770
13.	Farmers Scientist interaction	10	60	10	70
14.	Farmers meetings	02	39	17	56
15.	Film show	45	639	936	1575
16.	Exhibition	14	2431	2786	5217
17.	BRS students placement	04	24	08	32
18.	TV, Redio talk	03	00	00	00
19.	Farm school	08	225	71	296
20.	Celebration of important Days	21	720	634	1354
21.	Farmers workshop, Seminar	12	684	412	1096
22.	Survey work	25	2812	448	3260
23.	Swachh bharat abhiyan	01	05	04	09
24.	Video send to Farmers mobile	63	49478	00	49478
25.	Telephone helpline	84	2266	00	2266
Total		731	73758	17726	91484

Sr. No.	Name of activities	Particular
1.	Plant Health Clinic diagnostic services	76
2.	News coverage	134
3.	Success story	05
4.	Popular article	06
5.	Folder, Leaflet	07
6.	Technical report	346
7.	Kisan SMS/Whatsapp SMS	92
8.	Telephone helpline	84
	Total	750

F. Functional linkage with different Organization

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 <i>etc</i>
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.

G. Special programmes undertaken:

Sr. No	Title	Date	Village	Male	Female	Total
1.	International Woman's Day	07-03-2023	KVK, Waghai	6	47	53
2.	Opening ceremony of "TSP farmer implements and equipment utility center"	29-04-2023	KVK, Waghai	34	19	53
3.	World Yoga day	21-06-2023	KVK, Waghai	11	0	11
4.	World environment day	05-06-2023	KVK, Waghai	51	43	94
5.	Van Mahotsav	14-07-2023	Rajendrapur farm, Waghai	9	22	31
6.	95 th ICAR Foundation Day	16 to 18-07-2023	KVK, Waghai	42	97	139
7.	PM-KISAN SAMMAN program	27-07-2023	KVK, Waghai	61	59	120
8.	Parhenium Awareness week	21/08/2023	KVK, Waghai	30	0	30
9.	Parhenium Awareness week	22/08/2023	Sati	29	7	36
10.	Meri Mitti Mera Desh	14/08/2023	KVK, Waghai	18	3	21
11.	International Youth Day	12-08-2023	KVK, Waghai	12	15	27
12.	Kishori mela (Nari vandan Utsav)	02-08-2023	KVK, Waghai	0	49	49
13.	National Unity Day	30/10/2023	KVK Waghai	16	1	17
14.	Millet recipes compitation	03-10-2023	KVK, Waghai	0	46	46
15.	World Soil Day	12-05-2023	Sati	18	13	31
16.	Awareness programme about natural farming	30-12-2023	KVK, Waghai	264	91	355
	Total			601	512	1113

H. Programmes undertaken by the KVK, which have been financed by State Govt. /Central Govt. or other agencies:

Sr. No.	Name of Scheme	Budget Head	Grant Sanction (Rs.)	Expenditure up to 31st Dec-2023 (Rs.)	Available amount up to 31st Dec-2023 (Rs.)
1.	Krushvi Vigyan Kendra, Waghai	2704/06/NF	14,63,500	12,42,339	2,21,161
2.	KVKs revolving fund Waghai	2076/14/KRF	49,42,640	13,30,449	36,12,191
3.	Strengthening of testing of University technologies through Farmers field adaptive trial Phase - II	12306-D	5,00,000	2,09,055	2,90,945
4.	Atmosphere and Climate Research modeling Observing System and Services (ACROSS)	2121-02	13,23,517	11,74,424	2,55,313
5.	TSP- Mega seed project	2068-B	40,000	-	40,000
6.	Natural farming	2148-02	1,50,000	-	1,50,000
7.	Cluster Frontline Demonstrations on Pulses funded under NFSM during 2019-20	2105-B	1,80,000	63,110	1,16,890
8.	Agri marketing of millets	18267	1,60,000	1,60,000	-
9.	Energy conservation workshop	18265/04	20,000	-	20,000

I. Details of soil & water samples analyzed:

Sr. No.	Period	No. of water sample	No. of soil sample	SHC issued
1.	Jan-2023 to Dec-2023	0	0	0

J. Status of revolving fund in Rs. (for the last 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 next year
2019-20	71,68,778.00	6,93,043.00	5,64,369.00	-
2020-21	71,68,778.00	8,62,872.00	67,72,066.00	72,59,609.00
2021-22	69,82,397.00	2,26,158.00	8,97,689.00	63,10,866.00
2022-23	60,03,961.00	5,33,110.00	13,80,397.00	46,23,564.00
2023-24	59,93,961.00	7,87,517.00	18,38,838.00	49,42,640.00

K.1 Performance of instructional farm (crops) including seed production (2023)

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production		
				Variety	Type of Produce	Kg
Paddy	05/06/23	20/09/23	0.5	GR 18	Truthful seed	1200
Paddy	08/06/23	05/10/23	0.6	GNR 07	Truthful seed	1530
Paddy	12/06/23	25/09/23	0.20	GR 17	Truthful seed	575
Paddy	15/06/23	27/09/23	0.20	GNR 09	Truthful seed	435
Paddy	15/06/23	20/09/23	0.30	GNR 08	Truthful seed	675
Gram	11/11/23	25/02/24	1.2	GJG 06	Certified seed	980
Green gram	20/02/23	25/05/23	0.6	GM 6	Foundation seed	645
Pigeon pea	03/07/23	02/01//24	0.4	GT 105	Foundation seed	228
Mango	-	-	-	Kesar	-	Auction 71,151/- Rs
				Totapuri	-	
				Desi	-	
Seedlings (Brinjal)	20/04/23	04/05/2023	0.05	-	Seedling	7755 Nos
Mango grafting	04/09/23	-	0.05	Sonpari, Kesar	-	4350 Nos

K.2 Sells of NAU Product by KVK, Waghai (Dang)

Sr. No.	Name of the Product	Quantity	Rate	Price
1.	Green gram (GM-6)	50	120	6000
2.	Citrus plant	98	20	1960
3.	Rhizobium	80	100	8000
4.	Azatobactor	280	100	28000
5.	Novel	2332	175	408100
6.	PSB	530	100	53000
7.	Potas	530	100	53000
8.	Azospirillum	530	100	53000
9.	Vegetable trap	16	85	1360
10.	<i>Syudomonas</i>	20	60	1200
11.	Fruit trap	56	55	3080
12.	Vegetable seed	18	10	180
13.	Fruitfly block	28	35	980
14.	Harde	9	80	720
15.	Vegetable block	46	60	2760
16.	Honey (500ml)	5	180	900
Total Rupees				622240

K.3 DISTRICT AGROMET UNIT (DAMU) PROJECT (Jan.-Dec., 2023)

Sr. no.	Activity	No. of activity	No. of farmers
1.	Farmer Awareness Programme for Agromet Advisory	21	1229
2.	Dissemination of Agromet Advisory		
	Whatsapp groups:	07	1528
3.	Agromet Advisory Service (Regular basis on every Tuesday & Friday)	104 District level bulletin 312 Block level bulletin (English & Regional Language)	1300
4.	Newspaper coverage	06	-
5.	Special advisory issued during Tauktae, Gulab and Unseasonal rainfall.	-	-

L. Publications:

I	News coverage/press released		
Sr. No	Title of news coverage	Name of news paper and page no	Date of the press released
1	<i>Wghai: krushini aavak bamani karava khetima kharch ghatadavo padase: navasari krushi univarsityna kul pati dr.Z.P.Patel</i>	Vatsalya samachar	09-01-2023
2	<i>K.V.K, vaghai dvara 22mi salahkar samitini miting gothavai</i>	Gujarat raksha	09-01-2023
3	<i>K.V.K, vaghai dvara 22mi salahkar samitini miting gothavai</i>	Public app	09-01-2023
4	<i>Waghaina krushivigyan kendra, N.A.U., waghai dvra 22mi vigyanik salakar samitini miting</i>	Public app	12-01-2023
5	<i>Dang Jillana subir talukana sajupada game krushi vigyan kendra, waghai dvara prakrutik kheti angeni talim yojai</i>	Vatsalya samachar	21-01-2023
6	<i>Sajupada gam khate krushi vigyank kendra, waghai dvara prakruti kheti ange talim</i>	Public app	21-01-2023
7	<i>Adhunik tantrikata apanvani khetima aatmaribhay banavani khedutone hankal</i>	Nyaydarshan	22-01-2023
8	<i>Sajupada gam khate krushi vigyank kendra, waghai dvara prakruti kheti ange talim</i>	Zatpat news	22-01-2023
9	<i>Prakrutik kheti ange krushi vigyan kendra waghai dvara yojai talim</i>	Gujarat raksha	22-01-2023
10	<i>Triji kakshano bhugrbh panine lagata prashno ane sahbhagi pani vyavysthapan vishayk shibir</i>	Nyaydarshan	25-01-2023
11	<i>Waghai kruhi vigyan kendra khate bhugrbh jalanu sarkshan shibirno 140 khedutoe labh lidho</i>	Vatsalya samachar	25-01-2023
12	<i>Waghai kruhi vigyan kendra na hole khate bhugrbh jala bord pashchim m.kshtra Ahamdavadna sayukt upkrame kraykram yojayo</i>	Public app	25-01-2023
13	<i>K.V.K., Triji kakshano bhugrbh panine lagata prashno ane sahbhagi pani vyavysthapan vishayk shibir</i>	Gujarat raksha	22-01-2023
14	<i>Dangama ji.ma krushi vigyan kenra waghai dvara krushi vikash yojna mate tent falavaya vechan mate upyogi</i>	Public app	28-01-2023
15	<i>Halka dhany ne pradhyany aapvani aajani jaruriyat:Z.P.Patel</i>	Nyaydarshan	04-02-2023
16	<i>Halka dhany ne pradhyany aapva NAU na</i>	Gujarat raksha	04-02-2023

I	News coverage/press released		
Sr. No	Title of news coverage	Name of news paper and page no	Date of the press released
	<i>kulpati Z.P.Patel na adhyaksh sthane krushi univarsity waghai khate bethak yojai</i>		
17	<i>Dnag Jillana lokonu nagali(Ragi) sahte jivan jodayelu chhe. Vijaybhai Patel</i>	Dhabalar	04-02-2023
18	<i>Krushi vigyan kenra waghai khate milet year ange mahiti aapavata Dr. Pratik Javiya</i>	Puplica app	08-02-2023
19	<i>Lhan Dabas gamama khedute stroberyni kheti ma aachchhadan no upayog kari praktik khetino navatar prayog hath dharyo.</i>	Puplica app	09-02-2023
20	<i>KVK & Halka dhany sanshodhan kenrana sayukt upkrame Community holma aantarastryi mitel year nimite khedutone talim apai</i>	Puplica app	10-02-2023
21	<i>Prakrutik kheti ange khedutne aapati talim vishe waghai kvk kahethi vaigyani ane vada shri Dr. J. B. Dobariyaee aapi mahiti</i>	Puplica app	20-02-2023
22	<i>Darbar hol khate praktik khetdut sibir youai</i>	Puplica app	20-02-2023
23	<i>Waghai kurshi Univarshity ma milet varshani ujanai:Dnag Jillana lokonu nagali(Ragi) sahte jivan jodayelu chhe. Vijaybhai Patel</i>	Divyabhaskr	25-02-2023
24	<i>Aantrarashtriy poshak anaj varsh 2023 antargat krushi vigyan kendrathi taluka sevasadan sudhi reli yohai</i>	Puplica app	25-02-2023
25	<i>Krushi vigyan kenra waghai na vityanik Mr.Shreyans chaudhri e darbar holthi milet year ange mahiti aapi</i>	Puplica app	25-02-2023
26	<i>Milet festival ma upasthit (GOPKA) Niyamak M.K.Kureshi ye mahiti aapi</i>	Puplica app	25-02-2023
27	<i>Waghai kurshi vigyan kenra khate mitel varshni ujavani karai</i>	Puplica app	25-02-2023
28	<i>Waghai krushi univarsityma miLeT varshni ujavani : Vijay patele kahyu - Dnag Jillana lokonu nagali(Ragi) sahte jivan jodayelu chhe.</i>	Puplica app	25-02-2023
29	<i>Waghai krushi univarsityma mitel varshni ujavani : Vijay patele kahyu - Dnag Jillana lokonu nagali(Ragi) sahte jivan jodayelu chhe.</i>	You tub chenel	01-03-2023
30	<i>Pardina pariya krushi kendra dvara Waghaima kajuni vaigyanik kheti ange talim</i>	Sandesh news	17-03-2023

I	News coverage/press released		
Sr. No	Title of news coverage	Name of news paper and page no	Date of the press released
31	<i>Tapaksinchai ane plastik mulching thaki divadiyavan na kheduto dvara tarabuchni kheti</i>	Sabdesb news	18/04/2023
32	<i>Tapak sinchai plastic mulchingthi tarabuchni kheti</i>	Divya bhaskar	18/04/2023
33	<i>TAPAK SINCHAI ANE PLASTIC MULCHING THAKI KHEDUTO TARABUCH NI KHETEE TARAF VALYA</i>	Nyayadarshan	18/04/2023
34	<i>Vanana divadiyavan na krushkono kayakalp karti rashtriy krushi vikas yojna</i>	Zatpat news	18/04/2023
35	<i>divadiyavan na krushkono kayakalp karti rashtriy krushi vikas yojna</i>	Janadesh	18/04/2023
36	<i>divadiyavan na krushkono kayakalp karti rashtriy krushi vikas yojna</i>	Kamlam dainik	18/04/2023
37	<i>Dang jillama halvathi madhyam varsadni agahi</i>	Sandesh	07-04-2023
38	<i>Dangma halvathi madhyam varsadni agahi</i>	Divya bhaskar	07-04-2023
39	<i>havaman vibhag dvara halvathi madhyam varsadni agahi</i>	City today	07-04-2023
40	<i>Waghahi kurhi vighyan kendra dvara pahuoni unalama sarsambhal vishe talim aapavama aaavi</i>	Zatpat News	01-05-2023
41	<i>Dang krushi vighyan kendra na havaman shashtry shreyans chaudhari ye havaman ange aapi mahiti</i>	Public app	05-05-2023
42	<i>Krushhi vighyan kendra ane baroda svarojgar sansthana sayukt upkrame pashuoni sarsambhal ange KVK ma talim yojai</i>	Public app	05-05-2023
43	<i>Danga jillana kurhi vighyan kendra dvara pahuoni unalama sarsambhal, Pani ane lilacharanu angeni vishesh talim apai</i>	Public app	06-05-2023
44	<i>Waghahi kurhi vighyan kendra dvara pahuoni unalama sarsambhal, Pani ane lilacharanu angeni talim ayojai</i>	Vatsalyam samachar	06-05-2023
45	<i>kurhi vighyan kendra dvara pahuoni unalama sarsambhal, Pani ane lilacharanu angeni talim ayojai</i>	Gujarat raksha	06-05-2023
46	<i>Waghahi kurhi vighyan kendra dvara pahuoni unalama sarsambhal, Pani ane lilacharanu nu mahtv vishe khedutone talim</i>	Nyaydarshan	07-05-2023
47	<i>Khetivadi bandh thay evo vyavsay nathi ujjval bhavishy banavi sakay chhe</i>	Sandesh news	08-05-2023

I	News coverage/press released		
Sr. No	Title of news coverage	Name of news paper and page no	Date of the press released
48	<i>Krushu Collage khate dharasabhy vijaybhai patelna adhyaksh sthane smart Agricultura workshop yojayo</i>	Public app	28-05-2023
49	<i>Harshad prajaapti vaigyanik bagayte tarabuchni kheti ange mahite api</i>	DD girnar	04-05-2023
50	<i>Dang jilla sansad Dr. K.C.Patel aroj Awva khate millet corner ni lidhi mulakat</i>	Public app	05-06-2023
51	<i>Krushu vgygan kendra na patanganma sansad K.C.Patel na haste vruksharopn karayu</i>	Public app	05-06-2023
52	<i>Krushu vgygan kendra me vishv paryavaran divas manaya gaya</i>	You tub chenel	05-06-2023
53	<i>Dang jillana pravesch dvara waghai kvk auditoriam khate vishv paryavaran divasni ujavani sansad na adhyaksh sthane yojai</i>	Public app	05-06-2023
54	<i>Waghai kurhi vgygan kendra khate dang jilla kakshano vishv paryavaran dinni ujavani</i>	Nyaydarshan	06-06-2023
55	<i>Waghai khate yojayela dang jillana vishva paryavaran divas ujavani karykaramma mahanubhavo chintaniy vaktavya aapyu</i>	Zatpat news	06-06-2023
56	<i>Dang jillana mohpada game khate krushu kendra dvara pre-kharf workshop yojayo</i>	Public app	16-06-2023
57	<i>Subir talukana antraiyal game pre-kharif workshop ane talim yojai</i>	Gujarat raksha app	16-06-2023
58	<i>Nagali ane varina ghatata jata vistarane vadharavani jarur : Dr. N. M. Chauhan</i>	Nyaydarshan	17-06-2023
59	<i>Atma talim bhavan Ahwa khate dharasabhyna vard khate ragi ane tuverna biyaran ni kitnu vitaran karayu</i>	Public app	23-06-2023
60	<i>Ahwa khate khedutone 805 ragi ane 262 tuvar kitnu vitaran karavyu</i>	Gujarat samachar	24-06-2023
61	<i>waghai krushikendrama ballagan ane balmajurina parinamo ange yojai janajagrtui shibir</i>	Zatpat news	28/06/2023
62	<i>waghai krushikendrama ballagan ane balmajurina parinamo ange yojai janajagrtui shibir</i>	Sandesh news	28/06/2024
63	<i>waghai ma ballagn ange janajagrtui sibir</i>	Divya bhaskar	28/06/2025
64	<i>waghai krushikendrama ballagan ane balmajurina parinamo ange yojai janajagrtui shibir</i>	Janadesh	28/06/2026
65	<i>waghai krushikendrama ballagan ane balmajurina parinamo ange yojai janajagrtui shibir</i>	Vastalya samachar	28/06/2027
66	<i>waghai krushikendrama ballagan ane balmajurina parinamo ange yojai janajagrtui shibir</i>	Nyayadarshan	28/06/2028

I	News coverage/press released		
Sr. No	Title of news coverage	Name of news paper and page no	Date of the press released
67	<i>Krishi vigyan kendra ane vada J.B.Dobariya ye vavani ropani ange mahiti aapi</i>	Public app	13-07-2023
68	<i>Dang jilla na khedtut jog krushi vigyan kendra waghaina Dr.Pratik javiya e aapi mahiti</i>	Public app	13-07-2023
69	<i>Krishi vigyan kendra NAU, waghai dvara Van mahotvav ni ujavani karavama aavi</i>	Gujarat raksha app	14-07-2023
70	<i>Dang:Krishi vigyan kendra NAU, waghai dvara Van mahotvav ni ujavani karavama aavi</i>	Vatshalya samachar	15-07-2023
71	<i>Milet varsh jaher karyu chhe tyare Krishi vigyan kendra ane vada J.B.Dobariya ye milet ange mahiti aapi</i>	Public app	20-07-2023
72	<i>Krishi vigyan kendra waghai khate dangani Dangni mulyvardhit khepedasho ane navintm tantrikta nidrashan uinitanu udhatan karayu</i>	You tub chenel	20-07-2023
73	<i>Krushi vighyan kendra Waghai khate Dangni mulyvardhit khepedasho ane navintm tantrikta nidrashan uinitanu udhatan karayu</i>	Public app	20-07-2023
74	<i>Krishi vigyan kendra waghai khate dangani Dangni mulyvardhit khepedasho ane navintm tantrikta nidrashan uinitanu udhatan karayu</i>	Gujarat mitra	21-07-2023
75	<i>Krishi vigyan kendra waghai khate dangani Dangni mulyvardhit khepedasho ane navintm tantrikta nidrashan uinitanu udhatan karayu</i>	Jandadesh	21-07-2023
76	<i>Waghai Dang me muly vardhit our kheti ki navintam prodhyogiki pradarshan ikai ka udghatan</i>	You tub chenel	21-07-2023
77	<i>Krishi vigyan kendra waghai khate dangani Dangni mulyvardhit khepedasho ane khetini navintm tantrikta nidrashan uinita nu udhatan karavama aavy</i>	Tahelka news	21-07-2023
78	<i>Waghai khate PM kihan Samelan antargat lavi prasarannu ayojan</i>	Nityadarshan	29-07-2023
79	<i>Waghai khate PM kihan Samelan antargat 120 jetlakhedutoe laiv peasaran nihalyu</i>	Vatshalya samachar	29-07-2023
80	<i>KVK waghai khate PM sammelan nu live prasaran nu ayojan karyu</i>	Public app	29-07-2023
81	<i>Waghai khate PM kihan Samelan antargat lavi prasarannu ayojan</i>	Zatapat news	29-07-2023
82	<i>Waghai KVK khate PM kihan Samelan antargat lavi prasarannu ayojan</i>	Sandesh news	30-07-2023
83	<i>Reliance faundetion dvara digital farm school antargat mahit melavine dang jilana sanjaybhai</i>	Tiger e gujarat	26-07-2023

I	News coverage/press released		
Sr. No	Title of news coverage	Name of news paper and page no	Date of the press released
	<i>ae magfali pakama kheti kharch ghatadine utpadanma vadharo karyo</i>		
84	<i>Jillana pravesh Dvara waghai khate 5 mi august 74 mo van mahotsva yojayo</i>	Public app	03-08-2023
85	<i>Jillana pravesh Dvara waghai khate 5 mi august 74 mo van mahotsva yojayo</i>	You tub chenel	03-08-2023
86	<i>Waghai kurshi vigyan kedra khate nari vandan utsva karykaram yojayo</i>	Public app	05-08-2023
87	<i>K.V.K. khate yojayel "MALIKI YOJANA" Antargat Rs.48.74 Lakh na labh aapavama aavya</i>	Public app	06-08-2023
88	<i>Jillana pravesh Dvara waghai khate 5 mi august 74 mo van mahotsva yojayo</i>	Public app	06-08-2023
89	<i>krushi vighyan kendra Waghai khate DronTechnology nu demostration karavama aavyu</i>	Gujarat raksha	10-08-2023
90	<i>Waghai Khate dron Technology nu demostration karayu</i>	Nayany darshan	11-08-2023
91	<i>Waghai Khate dron Technology vishe mahiti aapay</i>	You tub chenel	11-08-2023
92	<i>krushi vigyan kendra, NC waghai me dron prodhyogik ka pradarshan</i>	You tub chenel	11-08-2023
93	<i>Karakirdi margadrsahn sathe waghai khate yojayo aantrastriy yuva divas</i>	Yogana adhana	13-08-2023
94	<i>Danga jillana khedutone naliyerini vaigyanik dhabe kheti karava mate talim aapava aavi</i>	Sandesh news	05-09-2023
95	<i>Krushi vigyan kendra waghai khate naliyerini vaigyanik dhabe kheti padhdhti ange talim yojai</i>	Public app	05-09-2023
96	<i>Waghai kurhi vigyan kendra khate naliyerini vaigyanik kheti kheti padhdhti vishay talim yojai</i>	Zatpat News	06-09-2023
97	<i>Dang jillana chhuta-chhavaya vistaroma bhare varasadni aagahi vachhe khedutmitrone salah</i>	Gujarat raksha app	06-09-2023
98	<i>Waghai kurhi vigyan kendra na demo unit jova khedutonu aagam</i>	Gujarat raksha app	06-09-2023
99	<i>Waghai kurhi vigyan kendra na demo unit jova khedutonu aagam</i>	Nyaydarshan	07-09-2023
100	<i>Waghai kurhi vigyan kendra na demo unit banaya aakrahanu kedra: Jova aavi rahya chhe anek kheduto</i>	Janadesh news	08-09-2023
101	<i>Waghai kurhi vigyan kendra na demo unit</i>	Samana news	08-09-2023

I	News coverage/press released		
Sr. No	Title of news coverage	Name of news paper and page no	Date of the press released
	<i>banaya aakrahannu kedra: Jova aavi rahya chhe anek kheduto</i>		
102	<i>Waghai kurhi vigyan kendra na demo unit banaya aakrahannu kedra: Jova aavi rahya chhe anek kheduto</i>	Zatpat News	08-09-2023
103	<i>Danga jillana khedutone naliyerini vaigyanik dhabe kheti karava mate talim aapava aavi</i>	Vatsalayam news	09-09-2023
104	<i>Waghai kurhi vigyan kendra na demo unit banaya aakrahannu kedra</i>	Divyabhaskar news	10-09-2023
105	<i>Milletmathii banati vividh banavato temaj halaka dhanya pakona demo Dang jillana Waghai kurhi vigyan kendra na demo unit banaya aakrahannu kedra banaya</i>	Sandesh news	10-09-2023
106	<i>Waghai khate kurhi vigyan kendra, dvara khetdutone talim aapavama aavi</i>	Youtube chenel	16/9/2023
107	<i>Dang-Waghai kurhi vigyan kendra dvara Madhyapradesh na khedutone talim apayi</i>	Sandesh news	17-09-2023
108	<i>Kurhi vigyan kendra Wahgai, Dang dvara Madhyapradesh na khedutone talim apayi</i>	Satya day	17-09-2023
109	<i>Kedutone bagayati kheti tarf aagal vadhavani hankal karai</i>	Nyaydarshan	18-09-2023
110	<i>Dang jillana waghai ma miletts krushi melo-2023 antrgat meletts vanagi spardha yojai</i>	Saputara news	03-10-2023
111	<i>Waghai khate pragatishil khedutone award apaya</i>	Youtube Giranar chenel	03-10-2023
112	<i>Halka dhany sansodhan kendr waghai khate pragatishil khedutone award apaya</i>	Public app	05-10-2023
113	<i>Waghai khate pragatishil khedutone award apaya</i>	Youtube Giranar chenel	05-10-2023
114	<i>Aspireshanal block subir khate yojayo "Krushi Melo"</i>	Yugna adhan news	08-10-2023
115	<i>Waghai khate miletts krushi melo -23 antrgat vanagi sprdha yojai</i>	Gujaratraksha	08-10-2023
116	<i>Waghai KVK oditoriyam na patangan khate miletts stall come pradarshan yojayu</i>	Public app	08-10-2023
117	<i>Subir khate krushi melo yojayo</i>	Divyabhaskar news	09-10-2023
118	<i>Subir na mokhamal game krushi melo yojayo, 230 pasuone sarvar apai</i>	Sandesh news	09-10-2023
119	<i>KVK waghai khate ogronic khet pedhasona stallni mulakat darmiyan ek mahilae aapi pratikriya</i>	Public app	11-10-2023
120	<i>Navsari krushi univarsity na vistaran shikshan niyamak dangma stroberini kheti karata khedutoni mulakat lidhi</i>	Dhunt news	11-10-2023

I	News coverage/press released		
Sr. No	Title of news coverage	Name of news paper and page no	Date of the press released
121	<i>Navsari krushi univarsity na vistaran shikshan niyamak dangma stroberini kheti karata khedutoni mulakate pahochya</i>	Saputara news	12-10-2023
122	<i>Navsari krushi univarsity na vistaran shikshan niyamak dangma stroberini kheti karata khedutoni mulakat lidhi</i>	Gujaratraksha	12-10-2023
123	<i>Navsari krushi univarsity na vistaran shikshan niyamak dangma stroberini kheti karata khedutoni mulakat lidhi</i>	Gujarat mitra	13/10/2023
124	<i>Navsari krushi univarsity na vistaran shikshan niyamak dangma stroberini kheti karata khedutoni mulakat lidhi</i>	Sandesh news	13/10/2023
125	<i>Ahwa na sevadham khate taluka kakshano "krushi melo" yojayo</i>	Public app	22/10/2023
126	<i>Waghai krushi vigyan kendra khate milletna marketing vishay upar workshop yojayo</i>	Nayandarshan	10-11-2023
127	<i>Krushi vigyan kendra waghai dang kahte millat na marketing vishay upar 3 divasiy workshopnu aayoujan karayu</i>	Gujart raksha app	10-11-2023
128	<i>Jillama Mahilaona sashaktikaran mate waghai kahate masharoom cativation karysahala yojai</i>	Public app	10-11-2023
129	<i>Svaraj Ashram khate yojayela jilla kashana Ravi krushi mahotsavma 30 jetala pradarshan stall raju karaya</i>	Public app	24/11/2023
130	<i>Ahwana aangane yohayo jilla kashano "Ravi krushi mahotsav": khedut labharthione karaya laabhvanti</i>	Zatpat new	25/11/2023
131	<i>Dangni bhavi pedhine svasth ane tandurast karavani sauni sahiyari javabdaari : Vijaybhai Patel</i>	Samachar news	25/11/2023
132	<i>Dang jillana Ravi Krushi Mahotsavma khedutane labhanvit karaya</i>	Gujarat mitra	26/11/2023
133	<i>Waghai:Dnag jillama vishva jamin divasni ujavani karavama aavi</i>	Tahelka news	06-12-2023
134	<i>Dnag jillama vishva jamin divasni ujavani karavama aavi</i>	Gujarat raksha app	06-12-2023
135	<i>Dnag jillama vishva jamin divasni ujavani karavama aavi</i>	Public app	06-12-2023
136	<i>Dangma sati game khedutone jamin vishayk mahiti apaai</i>	Sandsh news	07-12-2023
137	<i>Waghai khate khedutone vijali bachat ane solar urja vishe margdarshan puru padayu</i>	Nayandarshan	15-12-2023
138	<i>Krushi vigyan kendra, wagh(dang) ane</i>	Gujarat raksha app	15-12-2023

I	News coverage/press released		
Sr. No	Title of news coverage	Name of news paper and page no	Date of the press released
	<i>GEDA, Gandhinagarna sayukt upkdrame urja sanrakshan upar karyashala yojai</i>		
139	<i>Waghai:Dang jillama waghai khate krushi vigyan kendra, waghai(Dang) ane GEDA, Gandhinagarana sayukt upkrame urja sara</i>	Tahelka news	16-12-2023
140	<i>KVK Waghai dvara rambhas jamalapada gam khate Technology saptahna pratham divasni ujanini sharuaat</i>	Gujarat raksha app	18-12-2023
141	<i>KVK Waghai Technology saptahna bija divase nidarshan padhdhati dvara khedutone kheti na pak aayoujanni pratyaksh nidarashan dvara talim</i>	Gujarat raksha app	19-12-2023
142	<i>Danga krushi vigyan kdndra, KVK Waghai Technology saptahna bija divase nidarshan padhdhati dvara khedutone kheti na pak aayoujanni pratyaksh nidarashan dvara talim</i>	Youtub chanal	19-12-2023
143	<i>Dang: Daguniya gam khate Technology saptahana bija divasni ujavani</i>	Youtub chanal	21-12-2023

M. Workshop/ seminar /conference/meetings attended by KVK staff (2023):

Sr. No	Date	Title	Type	Place
1	02-01-2023	KVK review meeting	Review meeting	KVK Waghai
2	07-01-2023	SAC meeting	Review meeting	KVK Waghai
3	19-01-2023	Workshop on Natural Farming	Workshop	Online
4	09-01-2023	KVK Review meeting	Review meeting	KVK, Waghai
5	19-01-2023	Natural farming	Workshop	Online (From ATARI pune)
6	09-01-2023	CSC meeting	Meeting	Online
7	06-01-2023	Review meeting in presence of Prabhari Mantri	Meeting	Collector Office, Ahwa
8	24-01-2023	Training on " Local Ground Water Related Issues and Participatory Ground Water Managment"	Training	KVK Waghai
9	27-01-2023	ATMA governing Board Meeting	Meeting	DDO Office, Ahwa, Dangs
10	30-01-2023	Bimonthly Workshop (T&V) on 30TH Jan., 2023 at ATIC, NAU, Navsari	Workshop	ATIC. NAU, Navsari
11	31-01-2023	Natural Farming	Meeting	Collector Office, Ahwa
12	04-02-2023	KVK review meeting	Review meeting	KVK Waghai
13	09-02-2023	Natural Resource Management for Sustainable Livelihood Security (Special emphasize to south Gujarat)	Workshop	NAU, Navsari
14	14-02-2023	Review meeting on groundnut seed availability and area expansion in Gujarat	Meeting	Online
15	21-02-2022	Discussion on expenditure under TSP budget	Meeting	KVK,waghai
16	16-02-2022	Audit pera meeting	Meeting	ABM conference hall, NAU, Navsari
17	25-02-2022	Millet festival	Workshop	Coa. Waghai, Dangs

Sr. No	Date	Title	Type	Place
18	02-03-2023	KVK review meeting	Review meeting	KVK Waghai
19	10-03-2023	Training on Natural farming	Training	APMC Surat
20	18-03-2023	Internationa Conference on Millets	Conference	online
21	20,21-03-23	NRM AGRESCO sub committee meeting	Meeting	Virtual class room , NMCA, NAU, Navsari
22	09 & 10-03-2023	Horticulture AGRESCO meeting	Meeting	ACH, navsari
23	14,15-03-2023	Plant Protection Agresco	Meeting	Navsari
24	28-03-2023	Animal science AGRESCO	Agresco	NAU,NAVSARI
25	03-03-2023	17th Convocation of NAU, Navsari	Covocation	NAU, Navsari
26	06-03-2023	Natural farming review meeting	Meeting	Collector office, Ahwa, Dangs
27	27-04-2023	KVK review meeting	Review meeting	KVK Waghai
28	06-04-2023	Technological Backstopping Workshop for Technical staff of KVKs	Workshop	SSK, NAU, Navasri
29	20-04-2023	Meeting regarding Crop Planning year 2023-24	Meeting	online
30	18/04/2023	Samiksha bethak regarding natural farming	Meeting	Ahwa
31	19-04-2023	Inogration ceremony of natural farming celing centerr	Khtmahurat	Rambhas
32	10-05-2023	Pre Action Plan meeting	Meeting	KVK, Dediyapada
33	22 to 27-05-2023	Good Agricultural and Allied Practices for Doubling the farmers income	Trining	EEL, Anand
34	11-05-2023	Pre seasonal workshop	Workshop	navsari
35	06-05-2023	Brainstorming workshop	Workshop	navsari

Sr. No	Date	Title	Type	Place
36	31-05-2023	prakrutik khrtini kamgirini samiksha babat	Meeting	Ahwa
37	31-05-2023	Atma governing board ni meeting babat	Meeting	Ahwa
38	15-20/05/2023	Use of social media skills for Extensionist and Scientist	Training	EEI, Anand
39	24-05-2023	KVK Review meeting	Review meeting	KVK Waghai
40	01-05-2023	NAU 1st Foundation	Celebration of foundation day	NAU, Navsari
41	03-05-2023	Meeting with district magistrate collector & district level officers for One District One Product and International millet Year 2023	Meeting	Collector office, Ahwa, Dangs
42	15 & 16-05-2023	Annual Action plan workshop of KVKs in Gujarat & Goa	Workshop	Auditorium hall, ICAR-Directorate of medicinal and aromatic plants research and aromatic plants research, Boriavi, Anand-387310
43	09 to 11-06-23	Climate Change and it's Impact	Conference	SKUAST(S), Srinagar, J&K
44	28-06-2023	Master Trainers for Safe and Judicious use of Glyphosate by PCOs	Training	Online (NIPHM)
45	09-06-2023	virtual meeting on opening of new separate account for the project "Out scaling of natural farming"	Meeting	online
46	21 to 23/06/2023	Innovation to transfer Agriculture, horticulture and Allied sectors	Online conference	online
47	21 to 23-06-2023	Innovation to transform Agriculture, Horticulture and allied sectors (ITAHAS-2023)	Conference	Online

Sr. No	Date	Title	Type	Place
48	28-06-2023	KVK Review meeting	Review meeting	KVK, Vyara
49	21 to 23-06-2023	Innovation to transform agriculture, Horticulture & Allied sector	Conference	Online
50	29 May to 03 June 2023	Video production and Dissemination skills for Agricultural Extension Functionaries	Workshop	EEl, AAU, Anand, Gujarat
51	17-06-2023	AGB meeting	Meeting	ATMA, Ahwa, Dangs
52	24 to 24-06-2023	Evolving Extension Science towards secondary Agriculture for Sustainable Development	Seminar	University of Agricultural Sciences, Bangalore
53	28-06-2023	Monthly Review Meeting Of KVKs of NAU	Meeting	KVK, NAU, Tapi
54	03-07-2023	Review meeting	Meeting	KVK Waghai
55	19-07-2023	Intellectual Property Rights-G. I. Tag & Patenting	Workshop	Examination hall, NAU, Navsari
56	21 to 23-07-2023	4 th international conference on "Innovations to transform Agriculture, horticulture & Allied Sectors"	Conference	Online
57	31-07-2023	District Mission Committee	Meeting	online
58	12-07-2023	Jal sakti report presentation	Meeting	Collector office , Ahwa
59	20 to 22-07-2023	Mushroom cultivation	Training	College of agriculture, Waghai
60	28 to 30 July 2023	6th Annual zonal workshop of KVKs	Workshop	KVK, Aurangabad-1, Maharashtra
61	20 to 22-07-2023	Mushroom cultivation	Trainig	College of agriculture, NAU, Waghai
62	16/09/2023	CWWG meeting	Meeting	COA, NAU, Waghai
63	16/09/2023	Varsh 2023-24 ma vividh yojanana amlikaran mate nidarshan ghatakna input nakki karva mate	Meeting	Collector office, Ahwa



Sr. No	Date	Title	Type	Place
64	04-09-2023	Farm labour meeting	Meeing	Rajendrapur farm, Waghai
65	21-09-2023	Digital scanner operating meeting	Meeing	Central examination hall, NAU, Navsari
66	22-09-2023	પ્રાકૃતિક ખેતી સમીક્ષા બેઠક	Meeing	Collector office, Ahwa, Dangs
67	26-09-2023	આત્મ નિર્ભય આદિવાસી મહિલા ખેડૂત ઉત્પાદન પ્રોડક્શન કંપની લિમિટેડ ની વાર્ષિક સાધારણ સભા	Annual general meeting	Community hall, Waghai
68	12 to 14/10/2023	Transformation of Agro-technologies for enhancing Production under diverse Agro-Ecosystem	National conference	Sandipani school, Saputara
69	16/10/2023	KVK review meeting	Review meeting	KVK, Waghai
70	17/10/2023	34th ZREAC	Meeting	SSK, NAU, Navsari
71	23/10/2023	KVK review meeting	Review meeting	KVK, Waghai
72	12/10/2023 to 14/10/2023	National Conference on Transformation of Agro-technologies for enhancing Production under diverse Agro-Ecosystem	National conference	Saputara
73	30/10/2023	Review meeting	Meeting	KVK,waghai
74	10-02-2023	Millet mela	Seminars	HMRS,wagh ai
75	12 to 14-10-2023	International Conference on transformation of agrotechnologies for enhancing production under diverse agro-ecosystem	International conference	Saputara
76	17-10-2023	NIPHM training, special campaign3	Meeting	Online by ATARI, Pune
77	06-10-2023	Natural farming seminar	Seminar	Rajbhavan, Gandhinagar
78	17-10-2023	34th ZREAC meeting	Meeing	SSK, NAU, Navsari
79	30-10-2023	રવિ કૃષિ મહોત્સવ ૨૦૨૩	Meeing	Collector office, Ahwa, Dangs

Sr. No	Date	Title	Type	Place
80	30-10-2023	પ્રાકૃતિક ખેતી સમીક્ષા બેઠક	Meeting	Collector office, Ahwa, Dangs
81	02-11-2023	PG-RAG NRM group	Meeting	NAU Capuse, Navsari
82	07 to 08/11/2023	Prakrutik Krushi Prashikshak talim	Training	Anaval
83	22/11/2023	Orientation program for Ravi Krushi Mahotsav 2023	Orientation program	NAU Capuse, Navsari
84	18/11/2013	Viksit Bharat Sankalp yatra	-	Koshomda & Kalibel
85	28/11/2013	Viksit Bharat Sankalp yatra	-	Sakarpatal & nanapada
86	02-11-2023	ATMA convergence meeting	Meeting	ATIC, navsari
87	02-11-2023	Recent advances in veterinary sciences and animal husbandry	21 days winter school	online
88	04-11-2023	Rabi Krishi Mahotsav planning	Meeting	ATIC, NAU, Navsari
89	04-12-2023	KVK, review meeting	Review meeting	KVK, Waghai
90	11 to 13/12/2023	Agro-tourism	Training	KVK, Navsari
91	04-12-2023	KVK review meeting	Review meeting	KVK, WAGHAI
92	29/12/2023	KVK review meeting	Review meeting	KVK, WAGHAI
93	20/11/2023 to 10/12/2023	Agriculture in future and future in Agriculture	21 days Training	Online
94	30-12-2023	KVK Review meeting	Review meeting	KVK Waghai
95	21-12-2023	Natural farming meeting in collector officer	Meeting	Collector office, Ahwa, Dang
96	26-12-2023	Impact of climate changes on global food, livestock, livelihood and environmental security: Advanced approaches and mitigation strategies	Meeting	Navsari Agriculture university, Navsari

Sr. No	Date	Title	Type	Place
97	26-12-2023	Impact of climate changes on global food, livestock, livelihood and environmental security: Advanced approaches and mitigation strategies	Conference	Navsari Agriculture university, Navsari
98	20 Nov to 10 Dec 2023	21 day International training on agriculture in future & future in Agriculture	Training	Rajmata Vijayaraje scindia Krishi Vishwavidyal ay, Galior in colloboration with JAU, Gujarat, ICRISAT Hyderabad, ICAR ATARI Jabalpur & AGRI MEEt foundation, UP

N. Administration and staff position as on 31-12-2023:

Sr. No.	Sanctioned post	Name of the incumbent	Discipline	Pay Scale (Rs.)	Grade Pay	Date of Joining	Please attach recent photograph
1.	Senior Scientist & Head	Vacant	--	--	--	--	
2.	Scientist(1) (I/c.Senior Scientist & Head)	Dr. J.B.Dobariya	Extension Education	57700-182400	--	20.08.2015	
3.	Scientist(2)	Dr. P.P.Javiya	Crop Production	57700-182400	--	27-08-2019	
4.	Scientist(3)	Mr.H.A.Prajapati	Horticulture	57700-182400	--	13.02.2017	
5.	Scientist(4)	Dr. S.A.Patel	Animal Science	57700-182400	--	27-08-2019	
6.	Scientist(5)	Mr. B.M.Vahunia	Plant Protection	57700-182400	--	28-08-2019	
7.	Scientist(6)	Vacant	Home science	-	-	-	-
8.	Farm Manager	Mr. R.S.Patel	-	39900-126600	-	08-03-2019	

Sr. No.	Sanctioned post	Name of the incumbent	Discipline	Pay Scale (Rs.)	Grade Pay	Date of Joining	Please attach recent photograph
9.	Computer Programmer	Vacant	-	-	-	-	-
10.	Programme Assistant	Mr. K.V.Patel	-	39900-126600	-	24-9-2015	
11.	Accountant / superintendent	Mr. J. R. Padhiyar	-	39900-126600	-	01/04/2022	
12.	Stenographer	Vacant	-	5200-20200	-	-	-
13.	Driver 1	Vacant	-	5200-20200	-	-	-
14.	Driver 1	Vacant	-	5200-20200	-	-	-
15.	Supporting staff 1	Vacant	-	4440-7440	-	-	-
16.	Supporting staff 2	Mr. D. N. Parmar	-	14800-47100	-	01.08.2011	

M. Success farmers for the extension activities

Sr. No.	Name	Title	Address	Mobile No.
1.	Group of Farmers	Line sowing of new variety of finger millet became popular among the farmers of Dang district	Borpada	9428141994
2.	Shri. Hasmukhbhai Rangubhai Bagul	Mango Grafting: An Emerging business for Triable Farmers of the Dang District	Godadiya	9409449437
3.	Thakare Somabhai Pandubhai	Popularizing Beauveria bassiana for control of pest in paddy	Lahandabas	9428494198
4.	Saritaben Yogeshbhai Ganvit	Economic Empowerment through Innovative Dairy Business	Gorya	9427945070
5.	Shri Raut Ishwarbhai Pandubhai	Adoption of natural farming system as a sustainable farming practice	Mahalapada	-

O. Award received by scientist & farmers during the year.

Sr. No.	Name	Award name	Given by	Date
1.	Dr. P. P. Javiya	Exemplary work in Field of Crop Production	Dang District administration	25-02-2023
2.		Young KVK Scientist Award 2023	Agricultural and Environmental Technology development Society (AETDS), UK, India	09-06-2023

3.	Mr. H. A. Prajapati	Paramount achiever Award	International conference on advancement of science and technology for Environments, Society and people (ICASTESP- 2023)	06-07 January 2023
4.		Exemplary work in Field of Horticulture	Dang District administration	25-02-2023
5.		Best KVK Scientist award	SAAST, CSJM university, Kanpur & Agri Meet Foundation	Mar-23
6.		Dr.H.B.Singh award	4 th international conference on "Innovations to transform Agriculture, horticulture & Allied Sectors"	23/06/2023
7.	Mr. B. M. Vahuniya	Awarded for performed exemplary work in field of Plant Protection for the students and farming community of this district and also motivated farmers for their agricultural development	District administration Dang	26-01-2023
8.		Young Scientist Award	Malla Reddy University, Hyderabad, Just agriculture Edu. Group and ISAHRD, Chandigarh	Jul-23
9.	Dr. S. A. Patel	Animal husbandry	74th Republic day, Dang	26/1/2023
10.		Best veterinary Scientist Award	Malla Reddy University, Hyderabad, Just agriculture Edu. Group and ISAHRD, Chandigarh	Jul-23
11.	Dr. J. B. Dobariya	Exemplary work in field of Teaching, Research and Extension for the students and farming community of Dangs district and also motivated farmers for their agricultural development	District Development Officer and Collector of District Majistrate, Ahwa, Dang	26-01-2023

12.		KVK, N.A.U., Waghai-Dangs performed exemplary work in field of Agricultural, Children, rural youth and faarmers	Shri Vijaybhai Patel, Honourable Deputy chief whip of Gujarat Vidhansabha	25-02-2023
13.		Excellent work performance for farmers	Shri Vijaybhai Patel, Honourable Deputy chief whip of Gujarat Vidhansabha	25-02-2023
14.		Best KVK Scientist Award	Indian Society of Extension Education, New Delhi	24-06-2023
15.		Best presentation awards in the 6th Annual zonal workshop of KVKs (Maharastra, Gujarat and Goa)	ICAR-ATARI, Pune & VNMKV, Parbhani	30-07-2023
16.	Mr. S. N. Chaudhari	Exemplary work in Field of Agricultural meteorology	Dang District adminisrtation	25-02-2023
17.	KVK, Waghai	Preparation of best demonstration unit at KVK, NAU., Waghai, The Dangs for create awareness in thee peoples towards agriculture and allied technology	Dang District administration (Millet krishi mela)	03-10-2023

23.3. Budget information 2023 (B.H.: 2704-06) (Rs.)

Sr. No.	Particulars	Sanctioned	Expenditure
1.1	Recurring Contingencies		
I	Pay & Allowances	1,00,81,880	78,69,080
II	Traveling allowances		
III	Contingencies	14,63,500	12,42,339
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	1,15,45,380	91,11,419
1.2	Non-Recurring Contingencies		
I	Works	-	-
II	Equipments including SWTL & Furniture	-	-
III	Vehicle (Four wheeler/Two wheeler, please specify),	-	-
IV	Library	-	-
	Total Non Recurring	-	-
1.3	TSP(Farm Development)	-	-
1.4	GRAND TOTAL (1.1+1.2+1.3)	1,15,45,380	91,11,419

ANNUAL ACTION PLAN –2024

23.4. Operational villages:

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

23.4.1. Training Programme

i. On & off campus trainings:

Discipline	On Campus Trainings				Off Campus Trainings				GT
	I	II	III	IV	I	II	III	IV	
1. Crop Production	1	2	1	1	1	2	1	1	10
2. Horticulture	1	1	2	1	1	3	-	1	10
3. Plant Protection	1	-	2	2	3	-	1	2	11
4. Animal Science	1	1	2	-	2	1	1	-	08
5. Home Science	-	-	-	-	-	-	-	-	00
6. Extension Education	2	-	1	1	-	-	1	3	08
Total	06	04	08	05	07	06	04	07	47

Title of the training programme (On Campus)

Sr. No.	Title of the training programme	Duration in days	Number of Participants		
			M	F	T
Crop Production					
1.	Natural farming in black gram	01	10	15	25
2.	Integrated crop management in Little millet	01	10	15	25
3.	Integrated nutrient management in <i>Kharif</i> crops	01	10	15	25
4.	Weed management in Pigeonpea	01	10	15	25
5.	Irrigation management in Gram	01	10	15	25
Horticulture					
6.	Scientific cultivation of mango	01	15	10	25
7.	Kitchen garden	01	15	10	25
8.	Scientific cultivation of turmeric	01	15	10	25
9.	Scientific cultivation of Okra	01	15	10	25
10.	Scientific cultivation of Indian bean	01	15	10	25
Animal Science					
11.	Importance of indigenous cattle in natural farming	01	15	10	25
12.	Care & Management of milch animal summer season	01	15	10	25
13.	Health care & Disease management	01	15	10	25
14.	Silage making & its importance	01	15	10	25
Home Science :					
-	-	-	-	-	-
Plant Protection					
15.	Disease management in Finger millets	01	13	12	25
16.	Disease management in Paddy	01	13	12	25
17.	Pest management in Summer	01	13	12	25
18.	Bee-Keeping	01	13	12	25
19.	Disease management in Bittergourd	01	13	12	25
Extension Personnel					
20.	Crop residue management through natural farming	04	15	10	25
21.	Doubling farmers income through natural farming	01	15	10	25
22.	Natural farming with sustainability	01	15	10	25
23.	Quantitative techniques for agricultural policy analysis	01	15	10	25

Title of the training programme (Off Campus)

Sr. No.	Title of the training programme	Duration in days	Number of Participants		
			M	F	T
Crop Production					
1.	Importance of Jeevamrut and Ghan-	04	15	15	30

Sr. No.	Title of the training programme	Duration in days	Number of Participants		
			M	F	T
	jeevamrut				
2.	Method of transplanting of Paddy	01	15	15	30
3.	Impact of nipping in gram	01	15	15	30
4.	Importance of mix/inter cropping in natural farming	01	15	15	30
5.	Method of preparation of Farm Yard Manure	01	15	15	30
Horticulture					
6.	Natural farming	01	10	15	25
7.	Natural farming	01	15	15	30
8.	Natural farming	01	15	15	30
9.	Basic concept of Natural farming	01	15	15	30
10.	Importance of Natural farming	01	10	15	25
Animal Science					
11.	Area treatment of Paddy straw	01	15	15	30
12.	Feed & Fodder management of livestock	01	15	15	30
13.	Effect of heat in cattle & their maintenance	01	15	15	30
14.	Grooming of heifer, pregnant & adult cattle	01	15	15	30
Home Science					
-	-	-	-	-	-
Plant Protection					
15.	Pest management in Kharif	01	15	15	30
16.	Pest management in Rabi	01	15	15	30
17.	Mushroom cultivation	01	15	15	30
18.	Stored grain pest managements	01	15	15	30
19.	Pest management in Natural farming	01	15	15	30
20.	Disease managements in millets	01	15	15	30
Extension Personnel					
21.	Agri-business market intelligence ICT and block chain	01	15	15	30
22.	Advances in natural farming in relation to pest and disease management under climate changes	01	15	15	30
23.	Various components of natural farming	01	15	15	30
24.	Water management and disease of crop under natural farming	01	15	15	30

ii. Sponsored trainings:

Discipline	Title	No. of courses	Sponsoring Agency
Crop production	Natural farming of <i>khariif</i> & Rabi crops	04	NGOs, ATMA, FTC, DWDU, NYC, etc
Horticulture	Natural farming of horticultural crops	04	
Plant protection	Mushroom cultivation	04	
Animal Science	Dairy farming & Animal health	04	
Extension Education	Integrated farming system by use of Natural material	04	
Total		20	

iii. Vocational trainings:

Discipline	Identified Thrust Area	Training title	Month	Duration	SC/ST participants		
					M	F	T
Crop Production	Organic farming	Preparation and use of Bijamrut and Ghan-jivamrut in Summer black gram	Feb -24	05	10	15	25
Horticulture	Reduction of chemical pesticide and Fungicide, Fertilizer Intrigue the use of botanical pesticide and natural farming	Preparation of Jeevamrit and Ghanjeevamrit.	May-24	05	15	10	25
Plant Protection	Skill training	Mushroom cultivation	Sep-24	05	10	15	25
Animal Science	Income generation by imparting skill training	Backyard poultry farming	Nov-24	04	15	10	25
Extension Education	Skill training	Preparation of bamboo basket & others bamboo craft product	Jul-24	07	15	10	25

**iv. Training Programmes for Panchayatiraj institutions/Office-bearers & members/
In-service trainings:**

Approximate Date	Clientele	Title of the training programme	Duration	Number of Participants		
				M	F	T
Sep-24	Line department, ATMA, Non-Governmental Organizations (NGOs), Agricultural Consultancies (ACs), Supervisors, Members of SHGs & APMC etc.	Organic pesticides preparation	01	15	10	25
Sep-24		Privation & control of zoonotic disease	02	15	10	25
Aug-24		Concept importance and scope of natural farming in Gujarat	02	15	10	25
Nov 24		ICT and marketing intelligence	02	15	10	25
Nov-24		Natural farming	01	15	10	25

23.4.2. Demonstrations (FLDs):

Sr. No.	Crop	Variety/ particulars	Technology for demonstrati on	Critical inputs with cost (Rs.)	Season and year	Area (ha)	No. of farmers / Demon.
1.	Pigeon pea	GT 105	New variety	Seeds, Novel, Bio fertilizer Rs. 700	Kharif, 2024	5	25
2.	Paddy	GR 18 (Devlikolam)	New variety	Seeds, Novel, Bio fertilizer Rs. 700	Kharif, 2024	5	25
3.	Finger millet	CFMV 2 (Gira)	New variety	Seeds, Novel, Bio fertilizer Rs. 500	Kharif, 2024	5	25
4.	Little millet	GNV 4	New variety	Seeds, Novel, Bio fertilizer Rs. 500	Kharif, 2024	5	25
5.	Gram	GJG 3	New variety	Seeds, Novel, Bio fertilizer Rs. 1350	Rabi, 2024- 25	5	25
6.	Okra	Novel & Biofertilizers	Novel 8 Bio fertilizer	Inpus, Rs. 11000(2 lit. Novel & 1 lit. Azo.,PSB and KMB)	Rabi, 2024	2.5	25
7.	Mango	Kesar	Graft	Graft, NOLF & Bio- fertilizer Rs. 60,000/-	kharif 2024	10	100
8.	Indian bean	GNIB 22	Seed	Seeds, Novel, Bio fertilizer Rs. 37500	Rabi 2024	2.5	25
9.	Paddy	<i>Beauveria bassiana</i>	IPM	beauveria bassiana, Rs.6000	Kharif, 2024	5.0	25
10.	Finger millet	Pseudomonas	IDM	Pseudomonas Rs. 5000	Kharif, 2024	5.0	25
11.	Mango	Fruit Fly trap	IPM	Fruit Fly trap Rs. 4500	Summer 2024	5.0	25
12.	Bittergourd	Cue lure Trap	IPM	Fruit fly trap, Rs. 5500	Rabi 2024	5.0	25
13.	Mushroom	Mushroom Kit	-	Mushroom kit Rs. 20,000	Kharif, 2024	25 Unit	25
				Total		60 ha & 25 Unit	400

Details of FLD on Enterprises

a. Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds /ha. etc.	Critical inputs with cost (Rs.)	Performance parameters / indicators
Sorghum	GFS 5/ GFS 6/ GFS 7/CSV 21 F	20	5.0 ha	Seed Rs. 20000	Yield (Q/ha)
Livestock	Mineral mixture	30	30 Units	Mineral mixture Rs. 20000	Milk production (Lit)
Backyard poultry	RIR	20	20 unit	Birds 25000/-	Egg production
	Total	70	5.0 ha & 50 unit		

23.4.3. On Farm Testing:

Sr. No.	Discipline	Title of the OFT
1.	Crop production	Varietal assessment of finger millet T ₁ : Farmers Practices (Local varieties) T ₂ : GNN 8 T ₃ : CFMV 2 (Gira)
2.		Varietal assessment of chickpea T ₁ : Farmer variety (Local Varieties) T ₂ : GJG 6
3.	Horticulture	Varietal assessment of Indian bean in the Dangs district T ₁ : Farmers practices (Katargam) T ₂ : GNIB 21 (2014) T ₃ : GNIB 22 (2017)
4.	Plant protection	Management of Fruit & Shoot borer of Okra T ₁ : Farmers practice T ₂ : Installation of Pheromone trap T ₃ : Spray Azadirachtin (Neem oil based) 300ppm/1500 ppm
5.		Assessment of pheromone trap for the management of fruit & shoot borer in Brinjal 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)
6.	Anima science	Use of Chelated minerals in the diet of crossbred HF cows 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 T3- T ₁ + Chelated minerals @ 30 gm/cow/day for 120 days + Bol. Fenbendazol @ 1 mg/ 5-7.5 kg body weight

On Farm Testing: (2 new started)

Title 1: Varietal assessment of Brinjal in the Dangs district

Background:

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 Anand Oblong Brinjal2 (>444 Q/ha) will be performed well under South Gujarat regions. The variety contains higher vitamin C, anthocynin as well as total soluble sugars as compared to the check GOB 1. It had low incidence of little leaf disease reaction and number of whitefly per leaf as compared to both the checks GOB 1 and GJB 2.

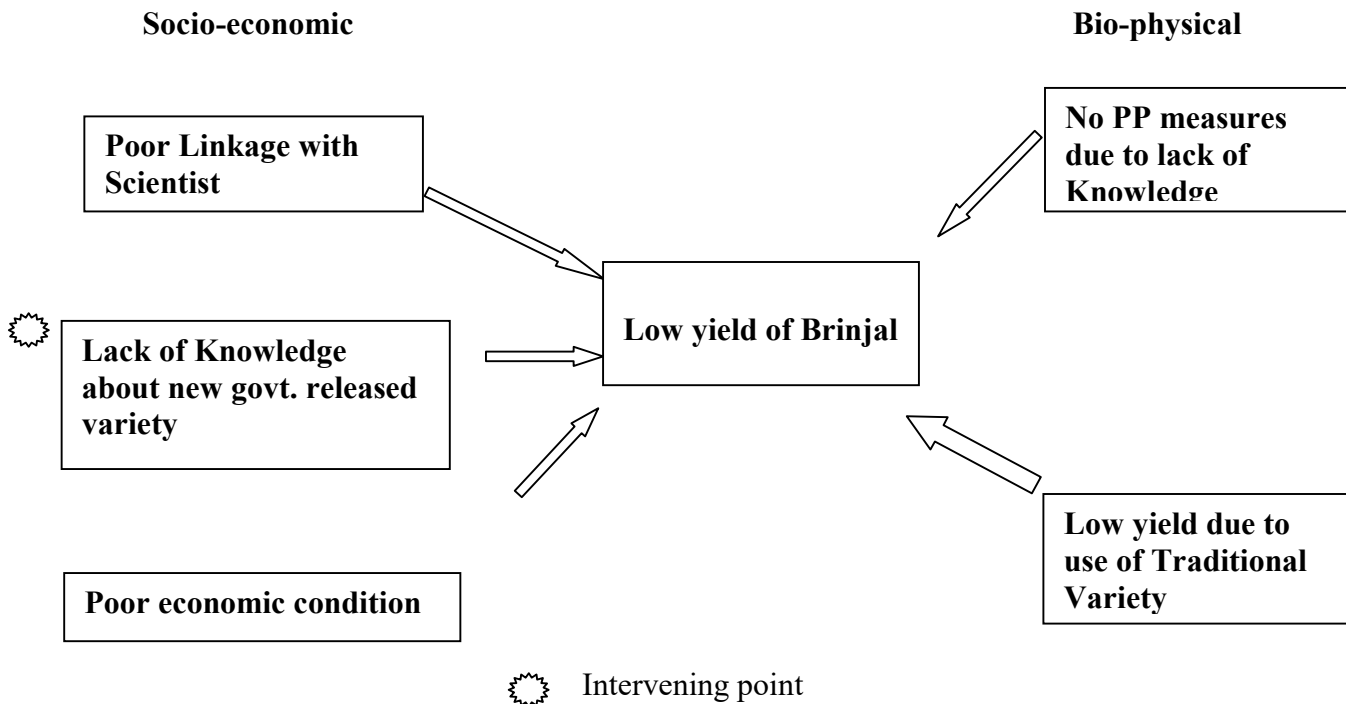
Gujarat Navsari Round Brinjal1 (>380 Q/ha) performed well under South Gujarat regions. GNRB-1 is a high yielding, anthocyanin rich variety which is suitable for cultivation in Kharif and Rabi Season. Most important feature of proposed variety is, it has lesser incidence of little leaf disease, has less 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 Brinjal1” and “Gujarat Anand Oblong Brinjal2” variety.

1.	OFT Title	Varietal assessment of Brijal in the Dang District
2.	Prioritized problem	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.)
3.	Technology Assessed	T ₁ : Farmers practices (Palanpuri) T ₂ : GAOB 1 (2013) T ₃ : GNRB 1(2020)
4.	Variety	“Gujarat Anand Oblong Brinjal 2” and “Gujarat Navsari Round Brinjal 1”
5..	Seedling	200 seedling (0.01 ha) 200 seedling (0.01 ha)
6.	Spacing	90 X 60 cm

6.	Season	<i>Rabi – 2024-25</i>
7.	No. of trials	06 (0.01 ha per treatment and 0.03 ha per farmer)
8.	Total area of OFT	0.18 ha
9.	Observation to be studied	Fruit yield (Q/ha)
10.	Source of Technology	Navsari Agricultural University, Navsari (2020) Anand Agricultural University, Anand (2013)
11.	Name of critical input	Seedlings, Novel organic liquid fertilizer, Azotobacter, PSBand KMB (Novel & other Bio-fertilizer given for adoption of organic farming)
12.	Appro. Cost of OFT	7000/-

Problem: See the problem cause diagramme



Title: 2 Effect of Fresh Azolla as a Feed Supplementation on Milk Yield and Fat Percentage in Dairy Cattle

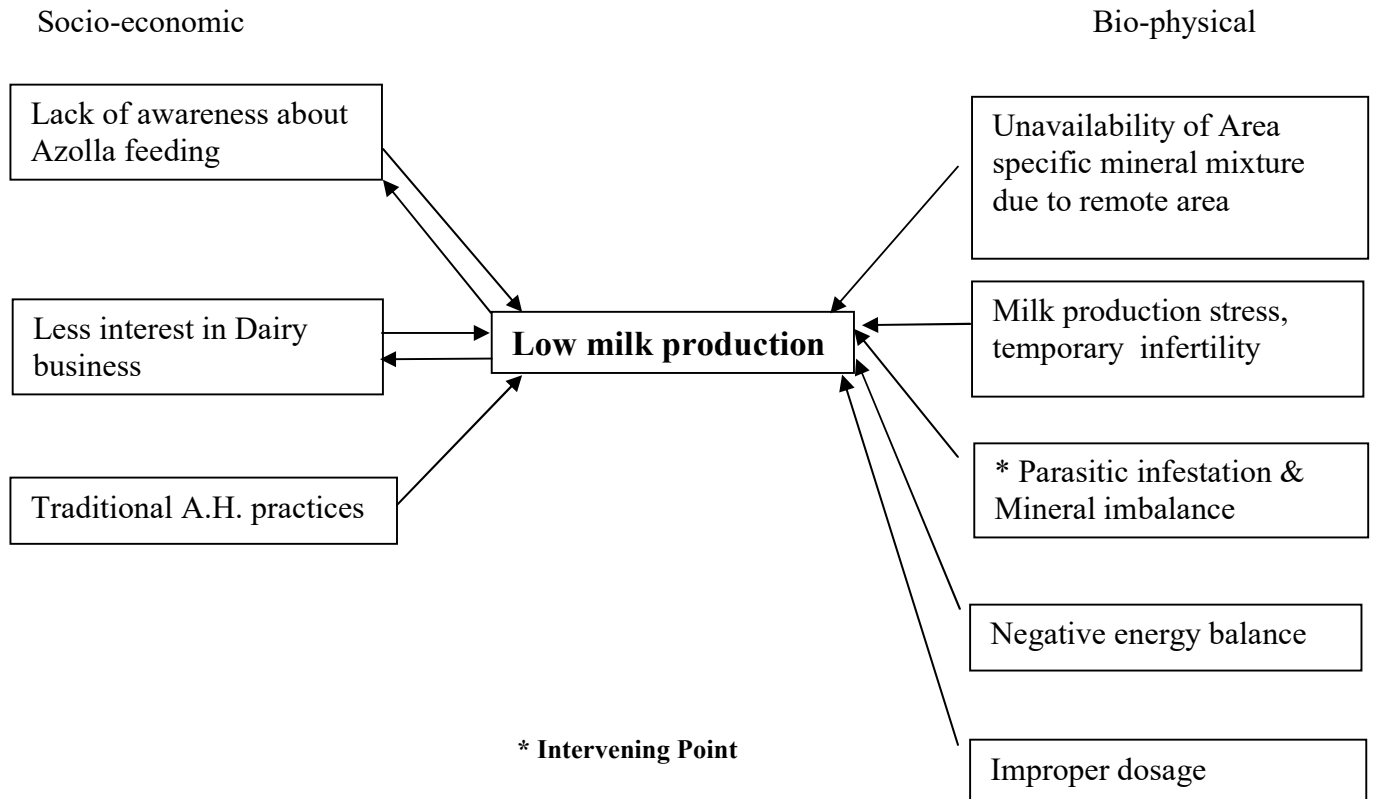
Background :

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 teting.

Problem cause diagram



Problems :

- ✓ Low milk production due to malnutrition & parasitic infestation
- ✓ Negative energy balance
- ✓ Milk production stress

Source of technology: Bhutia *et al.* (2020)

Production system and thematic area: Feeding management

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 : 10
- ✓ No. of animals: 10 crossbred milking cows each group

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

23.4.4. Extension activities

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	5	60	50	110	5	1	6	65	51	116
Kisan Mela	1	500	400	900	15	2	17	515	402	917
Kisan Goshthi	6	100	80	180	4	1	5	104	81	185
Exhibition	3	500	300	800	5	3	8	505	303	808
Film Show	10	150	110	260	5	4	9	155	114	269
Farmers Seminars	1	50	40	90	2	1	3	52	41	93
Workshop	2	50	50	100	2	2	4	52	52	104
Group meetings	7	90	50	140	4	2	6	94	52	146
Lectures delivered as resource persons	30	1950	1300	3250	15	5	20	1965	1305	3270
Newspaper coverage	20	As per need								
Radio talks		As per need								
TV talks		As per need								
Popular articles	5	0	0	0	0	0	0	0	0	0
Extension literature	7	0	0	0	0	0	0	0	0	0
Advisory services	150	1050	800	1850	0	0	0	1050	800	1850
Scientific visit to farmers field	15	250	200	450	10	2	12	260	202	462
Farmers visit to KVK	12	1000	500	1500	25	25	50	1000	500	1500
Diagnostic visits	10	40	20	60	0	0	0	40	20	60
Exposure visits	7	100	150	250	4	1	5	104	151	255
Ex-trainees Sammelan		As per need								
Animal health Camp	1	10	5	15	1	0	1	10	5	15
Agri mobile clinic		As per need								
Soil test campaigns	1	10	10	20	1	0	1	10	10	20
Farm Science Club Conveners meet		As per need								
Self Help Group Conveners meetings		As per need								
Mahila Mandals Conveners meetings		As per need								
Celebration of special days (specify)	10	500	400	900	10	4	14	510	404	914
Krishi Mohotsav	1	350	250	600	12	2	14	362	252	614
Pre Kharif Kisan Mela		As per need								
Pre Rabi Kisan Mela		As per need								
Any Other (Specify)		As per need								
Total	304	6800	4755	11555	121	55	176	6895	4785	11680

23.4.6. Proposed plan of work for instructional farm

Name of the crop	Area (ha)	Details of production (expected)			Expected Amount (Rs.)		Remarks
		Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals							
Paddy	0.5	GR 18	Seed	2.0 ton	40,000/-	90,000/-	Kharif
Paddy	0.6	GNR 7	Seed	3.0 ton	42,000/-	1,00,000/-	Kharif
Paddy	0.5	GR 17	Seed	2.5 ton	40,000/-	90,000/-	Kharif
Paddy	0.2	GNR 8	Seed	0.7 ton	10,000/-	25,000/-	Kharif
Pulses							
Pigeon pea	0.4	GT 105	Seed	0.4 ton	15,000/-	40,000/-	Kharif
Gram	1.6	GJG 6	Seed	1.5 ton	70,000/-	1,12,500/-	Rabi
Green Gram	0.6	GM 6	Seed	0.5 ton	20,000/-	40,000/-	Summer
Black gram	0.2	GU 3	Seed	0.2 ton	8,000/-	20,000/-	Summer
Fruits							
Mango	0.8	Kesar, Rajapuri, Dashehri, Desi, Alphanso, Vasibadami, Sardar, Totapuri	Fruit	0.8 ton	25,000/- (Organic farming)	1,00,000/-	Open plantation, High Density plantation (5 x 5 mt) and Ultra High Density plantation (2.5 x 2.5)
Vegetables							
Nursery & Leafy Vegetables	1600 m ²	Turmeric/ Tomato/ Chilli/ Other vegetables	Tuber/ Fruit/Other	0.2 ton	5,000/-	25,000/-	Net house
Others (specify)							
Napier grass	0.10	-	Setts	40,000 setts	5,000/-	50,000/-	-

23.4.7. Details of Budget Estimate (2024) based on proposed action plan

S. No.	Particulars	Proposed BE 2024 (Rs.)
1	Recurring Contingencies	
1.1	Pay & Allowances	1,30,00,000/-
1.2	Traveling allowances	2,00,000/-
1.3	Contingencies	30,00,000/-
<i>A</i>	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	5,00,000/-
<i>B</i>	POL, repair of vehicles, tractor and equipments	1,00,000/-
<i>C</i>	Meals/refreshment for trainees (ceiling upto Rs.150/day/trainee be maintained)	5,00,000/-
<i>D</i>	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	1,00,000/-
<i>E</i>	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	4,00,000/-
<i>F</i>	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	4,00,000/-
<i>G</i>	Training of extension functionaries	1,00,000/-
<i>H</i>	Maintenance of buildings	1,00,000/-
<i>I</i>	Establishment of Soil, Plant & Water Testing Laboratory	-
<i>J</i>	Establishment of low cost green house	-
<i>K</i>	Library	25,000/-
	TOTAL Recurring Contingencies	1,84,25,000/-
2	Non-Recurring Contingencies	
2.1	Works	20,00,000/-
2.2	Equipments including SWTL & Furniture	3,00,000/-
2.3	Vehicle (Four-wheeler/Two-wheeler, please specify)	50,000/-
2.4	Library (Purchase of assets like books & journals)	50,000/-
	TOTAL Non-Recurring Contingencies (2.1+2.2+2.3)	24,00,000/-
3	REVOLVING FUND	-
	GRAND TOTAL	2,08,25,000/-

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