

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

1.	Dr. Z. P. Patel, Hon'ble Vice Chancellor, NAU, Navsari	Chairman
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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.	Dr. D. R. Bhandari, 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), Bhenskatri, 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

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

22.1 Approval of the minutes of 21st Scientific Advisory Committee meeting

The action taken report on the minutes of 21st SAC meeting held on 24-01-2022 at KVK, Waghai are as follow:

21.1.1	Encouragement of natural farming through KVK activities.	We had conducted 8 on campus training, 7 Off campus training, 23 on – off Sponsored training and other extension activities like lecture delivered, Kisan Mela, Kisan goshti, Exhibition, Workshop etc and total 587 farmers were benefited.
21.1.2	Awareness program on watermelon cultivation.	1 field visit regarding IPDM in Watermelon crop was conducted with 9 beneficiaries.
21.1.3	Instruct different relevant departments for develop area specific mineral mixture for dangs district.	With help of relevant departments We had conducted 4 training and other extension activities like 1 lecture delivered, 1 scientist visit to farmers field, 1 farmers scientist interaction for create awareness about mineral mixture. Total 153 farmers was participated.
21.1.4	Provide direct marketing channel between farmers & customers.	8 stall of Dangs is arranged in Veer narmad youth festival in surat the platform to the farmers. Training on certification on process of organic farming, Market Led Extension (MLE) and Use of E-Market channel was given to 81 farmers for direct marketing of agricultural produce and total 22 Uni. technology sell to 1769 farmers
21.1.5	Arrange training program on control of viruses in vegetable crops.	Organized 04 training programme in wich 133 farmers was participated, Is also provide in the 3 farmers fair were at KVK, Waghai.
21.1.6	Prepare demonstration unit of local/deshi variety on KVK farm.	Demonstrated 08 local varieties (Futiya lal, Futiya safed, Amba mor, Kala bhat, Krushn kamod, Mumbai giri, Lalkada & Indrani) of paddy on KVK, Farm.

22.2: Review of work done during the period of January- 2022 to December-2022

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-2022 to December-2022):

1. On campus trainings:

Discipline	No. of courses	No. of Participants		
		Male	Female	Total
Crop Production	09	292	31	323
Horticulture	08	166	14	180
Plant Protection	04	72	26	98
Animal Science	07	45	204	250
Home Science	01	05	25	30
Extension Education	04	36	64	100
Total	33	616	364	981

2. Off campus trainings:

Discipline	No. of courses	No. of Participants		
		Male	Female	Total
Crop Production	05	112	32	144
Horticulture	10	204	161	365
Plant Protection	06	118	48	166
Animal Science	03	47	66	113
Home Science	03	34	76	110
Extension Education	04	47	78	125

Total	31	562	461	1023
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3. Sponsored trainings (on & off campus):

Discipline	No. of Courses	No. of participants		
		Male	Female	Total
Crop Production	10	354	135	489
Horticulture	10	362	87	449
Plant Protection	12	392	127	519
Animal Science	06	220	70	290
Home Science	06	250	108	358
Extension Education	10	353	65	418
Total	54	1931	592	2523

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
Horticulture	7-11-03-2022	Woman empowerment through preparation Of Holi colors	KVK, Waghai	0	33	33
Total		1		0	33	33

Grand Total of Trainings (1 to 4)	No. of Courses	Male	Female	Total
	119	3109	1450	4560

B. Frontline Demonstrations:

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

I. 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	25	5	14.68	11.15	13.30	10.23	30.01	20000	53200	33200	2.66	18000	40920	22920	2.27
Gram	ICM	New variety	GJG 3	25	5	12.75	11.50	11.89	08.60	38.26	16000	54694	38694	3.42	13800	39500	25760	2.90

* 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

II. FLDs on Other crops (*Kharif 2022*):

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	GNN 6	25	5	16.50	12.45	14.61	11.12	31.38	12000	43830	31830	3.65	10000	31136	21136	3.11
Little millet	ICM	New variety	GV 3	25	5	14.40	12.20	13.15	9.77	34.60	10000	38135	28135	3.81	8000	24425	16425	3.05
Paddy	ICM	New variety	GR 17	25	5	30.00	26.40	28.41	23.26	22.14	20000	51138	31138	2.56	25000	41868	16868	1.67
Horticultural pulse crops (2022)																		
French bean	ICM	New variety	Arka Komal	10	1.0	140	134	138.3	122.3	13.30	45400	179790	134390	3.96	55700	195680	139980	3.51
French bean	ICM	New variety	Arka Suvridha			135	127	131.8	117.6	12.14	45400	171340	125940	3.78	55700	188160	132460	3.38

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.										
Horticultural other crops (2022)																		
Okra	INM	New variety	Novel, Bio fertilizer	25	2.5	111	91	101.56	99.20	2.38	101468	355460	253992	3.50	105660	347200	241540	3.29
Bittergourd	INM	New variety	Novel, Bio fertilizer	25	2.5	83	69	77.68	75.86	2.43	98000	213620	115620	2.18	100592	208615	108615	2.07
Plant Protection (2022)																		
Pigeon pea	IPM	Pheromone trap	Local varieties	25	5	14.3	13.1	13.37	10.16	31.66	20000	53488	33488	2.67	19500	40662.4	21162.4	2.08
Gram	IDM	<i>Trichoderma</i>	Local varieties	25	5	10.8	10.2	10.47	9.38	11.62	15000	45046.8	300468	3.03	14000	40368.4	25868.4	2.78
Bittergourd crop	IPM	Cue Lure trap	Hybrid	20	2	87	81	84.65	78.3	8.14	50000	143905	93905	2.87	49500	133110	83610	2.68
Mango	IPM	Fruit fly trap	Local varieties	25	5	60	55	57.48	48.48	18.73	50000	212676	162676	4.2	49500	179376	129876	3.6
Paddy	IPM	Yellow sticky trap & Pheromone trap	Hybrid	25	5	115	104	108.56	95.68	13.47	35000	108560	73560	3.1	34500	95680	61180	2.77
Finger millet	IDM	<i>Pseudomonas</i>	Local varieties	25	5	13.3	12.2	12.78	10.10	26.55	12000	38352	26352	3.1	10000	30324	20324	3.03
Paddy	IPM	Pheromone trap (Stem borer)	Hybrid	25	5	25.1	23	24.27	21.59	12.45	27476	43689.6	16231.6	1.59	26346	38872.8	12526.8	1.47

* 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

III. FLD on Livestock (Rabi, Summer-2022):

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.	Fodder management	Introduction of new variety of Fodder Sorghum "GFS 5"	20	20	336 (q/ha)	280 (q/ha)	20.00	-	-	2500	80000	54500	3.13	28500	68000	39500	2.38
2.	Nutrition management	Mineral mixture	30	30	6.4	5.4	18.51	-	-	2300	5200	2900	2.26	2200	4500	2300	2.04
Dairy cow (Adaptive trial)																	
1.	Nutrition management	Mineral mixture	50	50	5.9	5.0	18.0	-	-	5700	9912	4212	1.73	5300	8400	3100	1.58

* 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

IV. FLD on Other Enterprise: (Kharif, Rabi, Summer-2022):

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units	Yield (Kg)		% 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	38	38	10 Kg/ 1 Kg spawn	-	-	300	1600	1300	5.3
Home science	Kitchen garden	Organic kitchen garden	100	100	65 unit	25	160	500	1800	1300	3.6

V. FLDs under other schemes (Other than KVK-ICAR Budget-TSP, Adaptive trial, (Rabi, Summer-2022):

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														
Green gram (TSP)	ICM	New variety	GM 6	50	10	8.72	7.53	8.07	5.52	46.33	20000	58127	38127	2.91
Gram (Adaptive)	ICM	New variety	GJG 3	40	8	12.75	11.35	11.95	8.60	38.95	16000	54970	38970	3.44
Other crops														
Paddy (ICAR-NCEP)	ICM	New variety	Pusa1850	10	2	31.34	29.06	30.20	24.52	23.16	22000	54360	32360	2.47
Paddy (Adaptive trial)	ICM	New variety	GR 7	85	85	32.95	28.70	31.15	24.25	28.45	20000	56070	36070	2.80
Horticultural crops														
Indian bean	ICM	New variety	GNIB 22	11	1.1	28	37.5	34.5	26.33	29.88	41736.36	120750	79013.64	2.89

* 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 (2022-23)

Sr. No.	Discipline	Season	Crop/ Enterprise	Variety/ Technology Input	Area (ha)	No. of Demo.
1.	Crop Production	<i>Khharif</i> , 2022-23	Pigeon pea	GT-105	5	26
2.	Horticulture	<i>Khharif</i> , 2022-23	Mango	Kesar	3	30
3.	Animal Science	<i>Rabi</i> 2021-22	Poultry	Birds- Rhode Island Red	20 Unit	20
Total					8 ha/20 Unit	76

IX. Demonstrations given under other schemes (*khharif/Rabi/Summer*,2022-23):

Sr. No.	Scheme/ Particulars of the FLD	Season	Crop	Variety/ Component/ Technology	Area/Unit	No. of Demo.
I	Adaptive trial (Phase-2)					
	Crop production	Rabi, 2022-23	Gram	GJG 3	6.66 ha	50
1.	Horticulture	Rabi, 2022-23	Greater yam	Hemlata	0.12 ha	17
2.		Rabi, 2022-23	Mango	Kesar	1.1 ha	11
3.	Plant Protection	Rabi, 2022-23	Pigeon pea	Pheromone trap	20 ha	100
4.		Rabi, 2022-23	Bittergourd	Cue lure trap	40 ha	100
5.	Animal Science	<i>Rabi</i> 2022-23	Poultry	Birds- Rhode Island Red	20 Unit	20
6.	Extension education	Rabi, 2022-23	Kitchen garden kit	Okra GAO 5, Cowpea AVCP 1, Botalgaurd GABH 1, Pegeon pea GT 105	150 unit	150
Total					67.88 ha & 170 unit	448

Farmers Feedback on the demonstrated technologies:

Sr. No.	Discipline	Feed Back
1.	Crop Production	Green gram variety GM 6 gave very good yield as compare to local varieties.
2.		Farmers want seeds of indigenous varieties of paddy from university or <i>Bijnigam</i> .
3.	Horticulture	Need some basic recommendation of Natural farming from the university.
4.		Required Govt. sector hybrid variety of Okra and bitter gourd for dang district.
5.		Variety of tomato <i>Arka rakshak</i> gave higher yield than GT 7 variety.
6.	Plant Protection	Standardized method of preparation of <i>Agniastra</i> , <i>Neemastra</i> and <i>Dashparni arka</i> .
7.	Animal Science	Sorghum variety can be grow throughout the year as multi cut variety under irrigated conditions which is very useful for manage of green fodder requirement of livestock throughout year.

Technical Feedback for research/ extension activities

Sr. No.	Discipline	Feed Back
1.	Crop Production	Paddy variety GR 17 gives more trilling than other.
2.		Standardized the preparation method of <i>Jeevamrut</i> , <i>Ghanjeevamrut etc.</i>
3.	Horticulture	Provide Marketing Facility for Product of Natural farming.
4.	Plant Protection	Need variety which is resistance to sucking pest in okra (Okra highly effected by sucking pest)
5.		Need good variety from university in okra (farmers mostly grow private hybrid)
6.	Animal science	To develop nutritional feed for milch animals.
7.	Extension Education	Provide marketing facility particular in Ahwa and Subir block of Dang district.

C. On Farm Trials (OFTs):

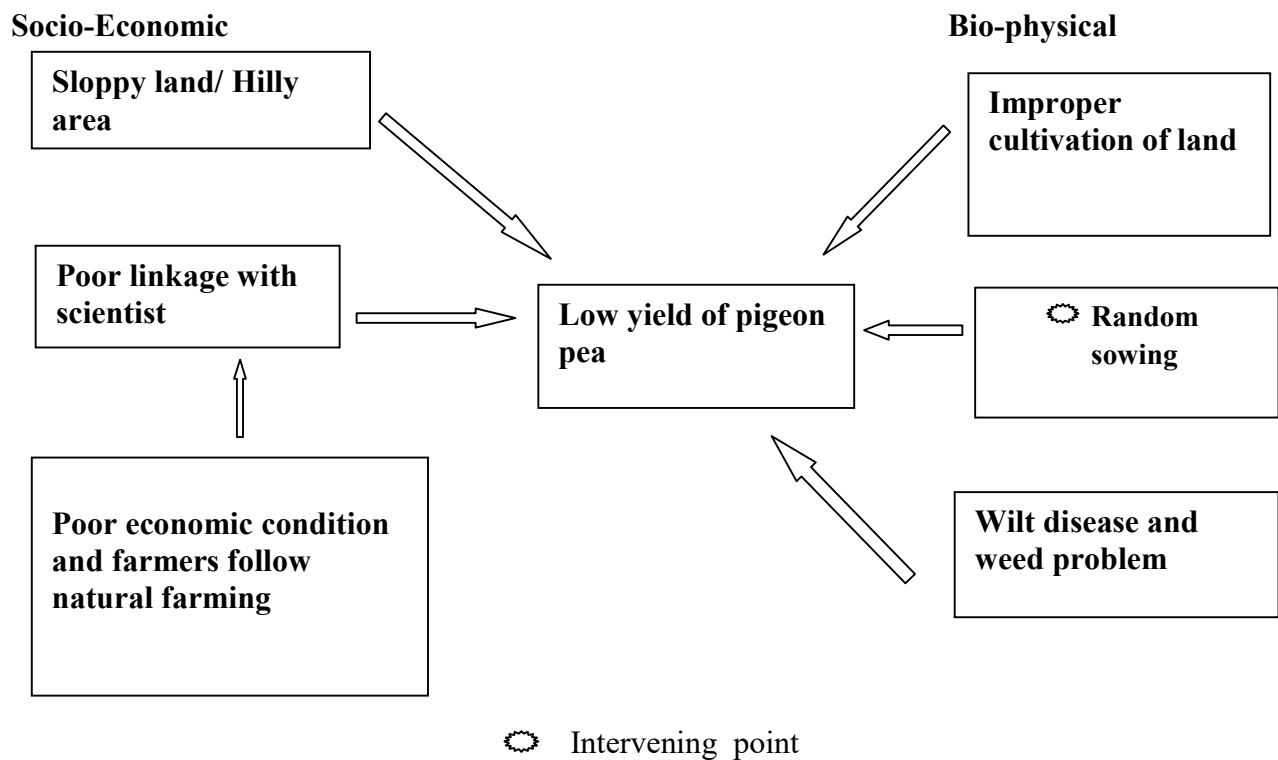
OFT-1

Title: Spacing management in pigeon pea

Background:

In dang district, productivity of pigeon pea is low because of improper cultivation of land and random sowing method followed by farmers. Due to this severe wilt problem in seedlings and weed problems which ultimately affect the growth and yield of pigeon pea. Pigeon pea requires well cultivated land and specific spacing for its growth and development. Improper cultivation with random sowing reduce the plant population and ultimately its reduce the crop yield.

Problem: See the problem cause diagramme



Treatments: 02	T ₁ : Farmers Practices (Random sowing) T ₂ : 45 x 15 cm T ₃ : 60 x 20 cm
Details of OFT:	
Variety	GNP 2
Seed rate	20 kg/ha
Season	<i>Kharif</i> – 2019-20
No. of villages	01 (Dokpatal)
No. of farmers	10
Area/treatment/farmer	0.03 ha (3 treatment/ each farmer)
Total area of OFT	1.0 ha
Observation recorded	Yield (kg/ha)
Name of critical inputs	Seed, Novel organic fertilizer, <i>Rhizobium</i>

Performance of the technology with performance indicators:

Result: 3rd year

Treatment	<i>Kharif-2019</i>			<i>Kharif-2020</i>			<i>Kharif-2021</i>		
	T ₁	T ₂	T ₃	T ₁	T ₂	T ₃	T ₁	T ₂	T ₃
Yield (Kg/ha)									
Highest	9.55	11.05	12.25	10.50	12.40	13.40	10.50	14.10	14.40
Lowest	8.75	9.90	11.55	08.60	10.50	10.60	8.10	11.10	12.00
Average	9.13	10.56	11.82	09.47	10.97	12.10	9.42	12.09	12.96

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

Farmers Feedback

1. Farmers are impressed by recommended practices.
2. It is easy for farmers to remove weed in 60 x 20 cm sowing of Pigeon pea rather than farmer practices.
3. Higher yield in recommended practices due to easy weeding and less competition of nutrients between plants and less infection of wilt.

Final recommendation for micro level situation:

On the basis of the study carried out for three years it is summarized that T₃ – recorded the highest yield in comparison to T₁, However yield with T₃ was comparatively higher than T₁. So it is concluded that T₃: (60 x 20 cm) proved the best line spacing in tribal area of Dangs.

Constraints identified and feedback for research: Nil

Process of farmer's participation and their reaction:

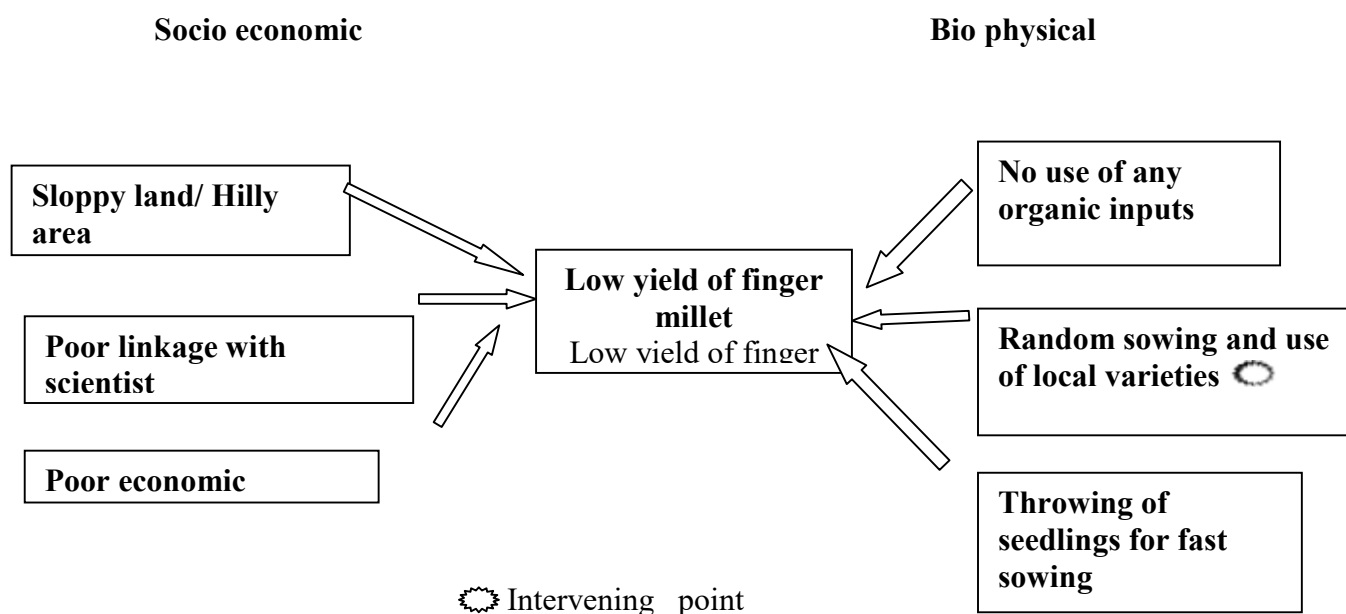
1. Field day, Method demonstration, OFT visit etc.
2. Farmers are ready to adopt this technology.

OFT-2:

Title: Varietal evaluation 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

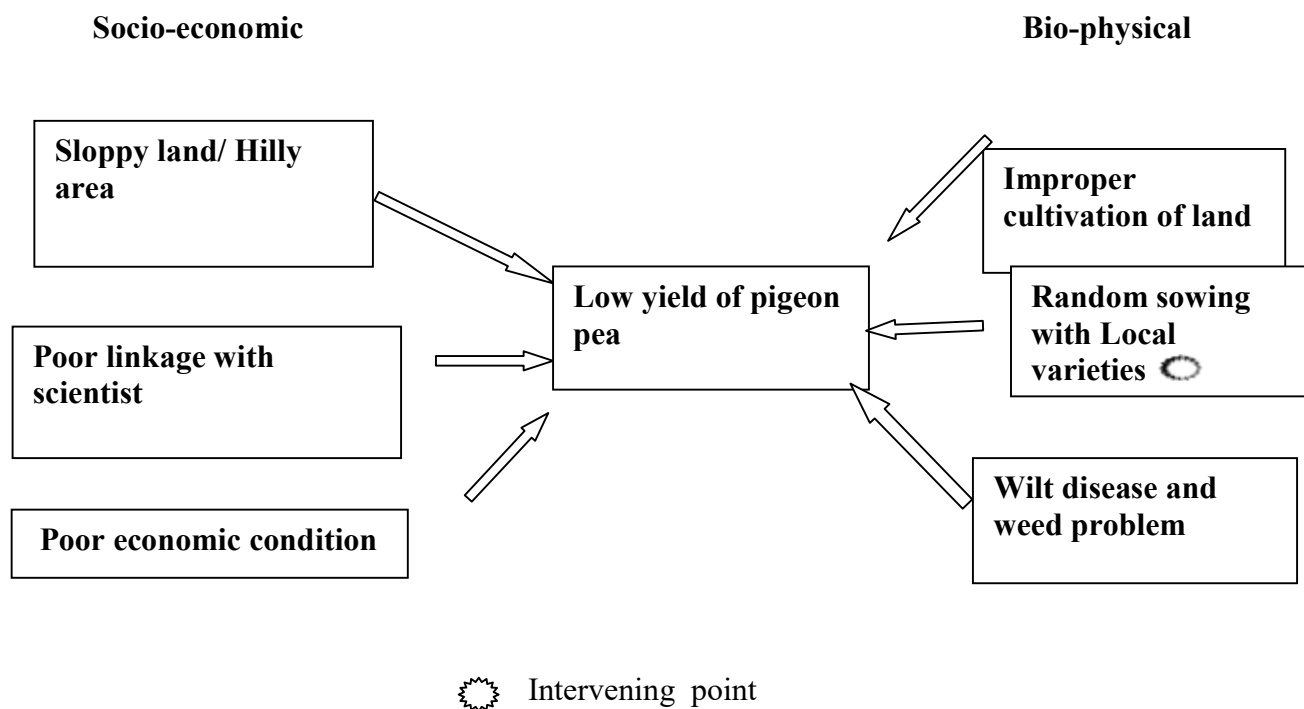
Treatment	<i>Kharif-2022</i>		
	T ₁	T ₂	T ₃
Yield (Kg/ha)			
Highest	11.00	12.50	14.50
Lowest	9.90	11.00	13.00
Average	10.50	11.95	13.66

OFT-3:

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 : GG 5 T ₃ : GJG 6
4	Variety	As per treatment
5	Seed rate	60 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	Pulse Research Station, JAU, Junagadh
11	Name of critical input	Seed, Novel organic fertilizer, <i>Rhizobium</i> and PSB
12	Appro. Cost per OFT	1500/-

Note: Not conducted due to lack of grant

OFT-4:

Title: Varietal assessment of Tomato in the Dangs (Assessment)

Background:

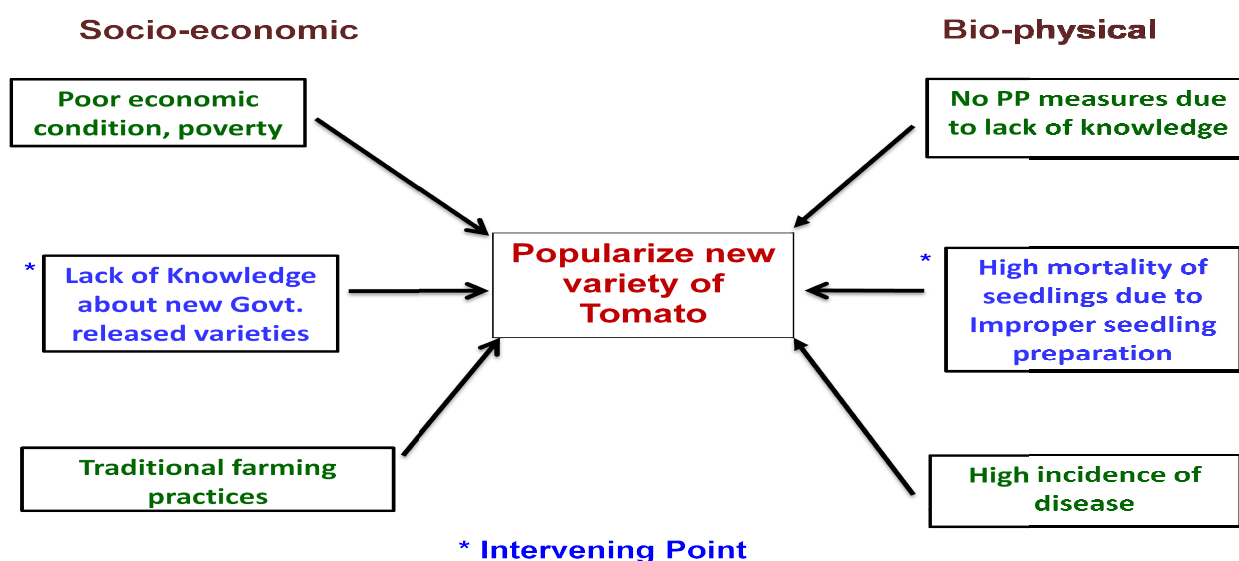
In the Dangs district, mostly hybrid variety of tomato (private company) is grown with low yield potential due to lack of knowledge about proper seedling preparation and lack of knowledge about new released variety of State Agricultural Universities and Government Institutions.

Tomato variety GT-7 (301.0 q/ha) performed well under South, Middle and North Gujarat regions. This variety showed less damage by fruit borer, whitefly as well as leaf miner.

Tomato variety “Arka Rakshak” is a First F1 hybrid with triple disease resistance to Tomato Leaf Curl Virus, Bacterial Wilt and Early blight. Fruits square round, large (90-100g), deep red colored and firm. Suitable for fresh market and processing.

OFT has been framed for comparing farmer adopted private company variety to “GT-7” and “Arka Rakshak” variety.

Problem cause diagram



1	OFT Title	Varietal assessment of Tomato in the Dang District
2	Prioritized problem	Low yield of Farmers adopted hybrid variety (due to lack of knowledge about proper scientific cultivation method)
3	Technology Assessed	T ₁ : Farmers practices (Hybrid varieties) T ₂ : Gujarat Tomato-7 T ₃ : Arka Rakshak

4	Variety	“Gujarat Tomato-7” and “Arka Rakshak”
5	Seed rate	250-300 gram/ha for Improved variety & 100-150 gram/ha for Hybrid variety
6	Season	<i>Kharif</i> – 2019-20 to 2021-22
7	No. of trials	10 (0.02 ha per treatment and 0.06 ha per farmer)
8	Total area of OFT	0.6 ha
9	Observation to be studied	Yield of Tomato (kg/ha)
10	Source of Technology	Navsari Agricultural University, Navsari (2017-18) ICAR-IIHR, Bangalore, (2013)
11	Name of critical input	Seeds, Novel organic liquid fertilizer, PSB and <i>Azotobacter</i> and KMS (Novel & other Bio-fertilizer given for adoption of organic farming)

Result : 3rd year

Sr. No.	Year	No of trial	Area (ha)	Yield(Q/ha)		
				T ₁ : Farmers practices (Hybrid varietie-vaishali)	T ₂ : Gujarat Tomato-7	T ₃ : Arka Rakshak
1.	2019-20	10	0.6	308.00	224.00	467.00
2.	2020-21	10	0.6	298.00	200.00	455.00
3.	2021-22	10	0.6	302.00	188.00	458.00
	Average			302.66	204.00	460.00

Note: Secondary parameters could not be possible on farmer’s field)

Final recommendation for micro level situation:

On the basis of the study carried out for three years it is summarized that T₃ – recorded the highest yield in comparison to T₁, However yield with T₃ was comparatively higher than T₁. So it is concluded that T₃: (Arka Rakshak) proved the best Variety for the tribal area of Dangs.

Constrains identified and feedback for research: Small size of fruit compare to private sector variety

Process of farmer’s participation and their action:

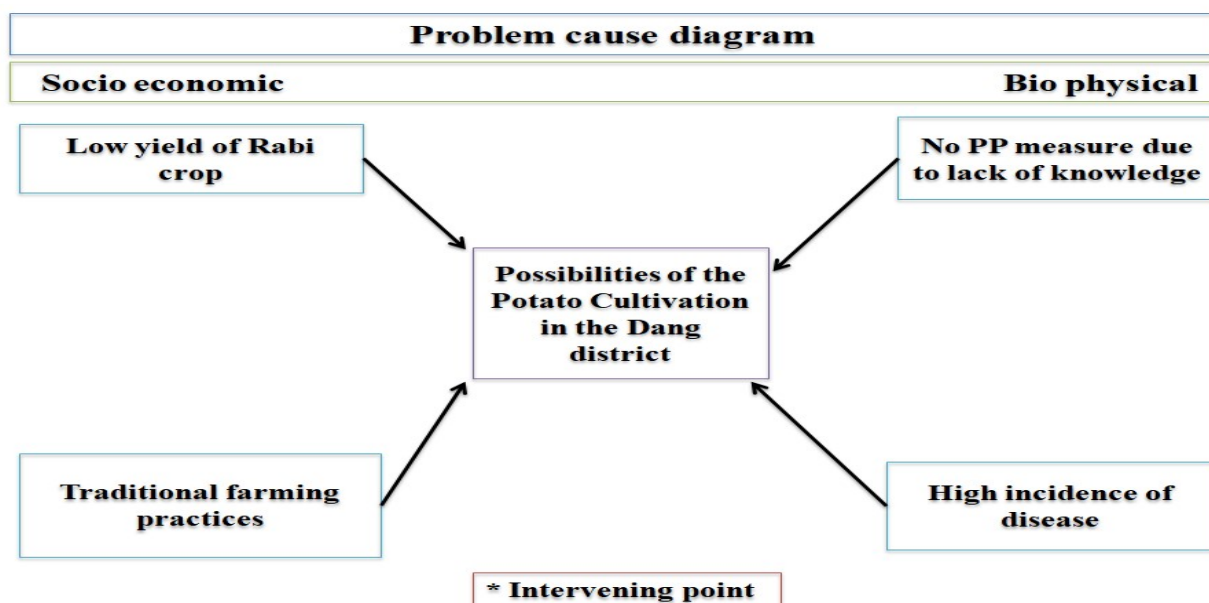
1. Method demonstration, OFT visit etc.
2. Farmers are ready to adopt this technology.

OFT-5:

Title: Possibilities of Potato cultivation in the Dang district (Assessment)

Background:

In Dang district, chickpea is commonly grown in winter crops. Considering the soil of Dang district and as per the suggestion of Scientific Advisory Committee, it is possible to cultivate potato in Dang district. This on-farm trial is designed to test potato cultivation in the Dang district. According to the agriculture department of Dang district, the chickpea crop in Dang district yields about 2.5 quintals. The estimated production of potato(Var. Kufri badshah) is 50 tons per hectare



Details of OFT

1	Prioritized problem	Possibilities of Potato cultivation in The Dangs district
2	Technology Assessed	T ₁ : Farmers practices (Gram) T ₂ : Potato crop(Kufri Badshah)
3	Variety	“Kufri badshah”
4	Seed rate	2500-3000 kg/ha for one row planting
5	Season	Rabi– 2022
6	No. of trials	06 (1.66 guntha per treatment and 3.33 guntha per farmer)
7	Total area of OFT	20 guntha (0.2 ha)

8	Observation to be studied	Yield of potato (kg/ha)
9	Source of Technology	Central Potato Research station , Kufri Himachal Pradesh (1980)
10	Name of critical input	Tuber (50 kg per farmer)

Result : 2nd year

Sr. No.	Year	No of trial	Area (ha)	Yield(Q/ha)	
				T ₁ : Farmers practices (Gram)	T ₂ : Potato crop(Kufri Badshah)
1.	2021-22	10	0.6	10.83	139.50
2.	2022-23	Input not given due to the lack of grant.			

OFT-6:

Title: Varietal assessment of Indian bean in the Dangs (Assessment)

Background:

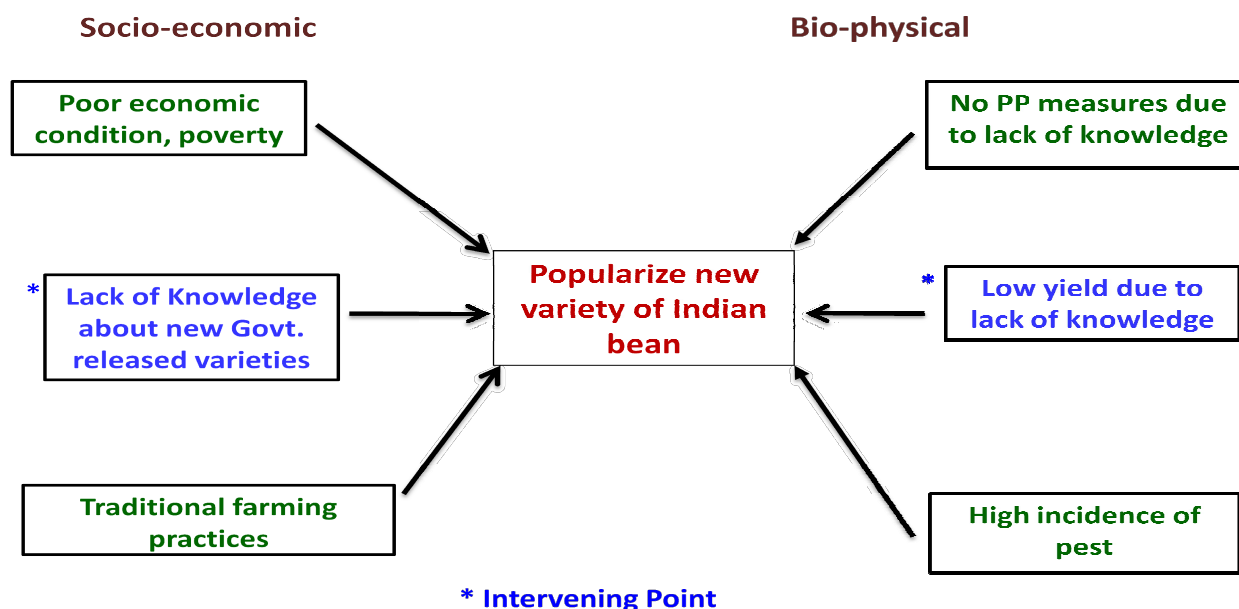
In the Dangs district, mostly Desi (Katargam) and other indeterminate variety of Indian bean is grown with low yield potential due to lack of knowledge about proper scientific cultivation and lack of knowledge about new released variety of State Agricultural Universities and Government Institutions.

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.

GNIB 22 (>40.00 Q/ha) performed well under South Gujarat regions. This variety is 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> – 2021-22
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)

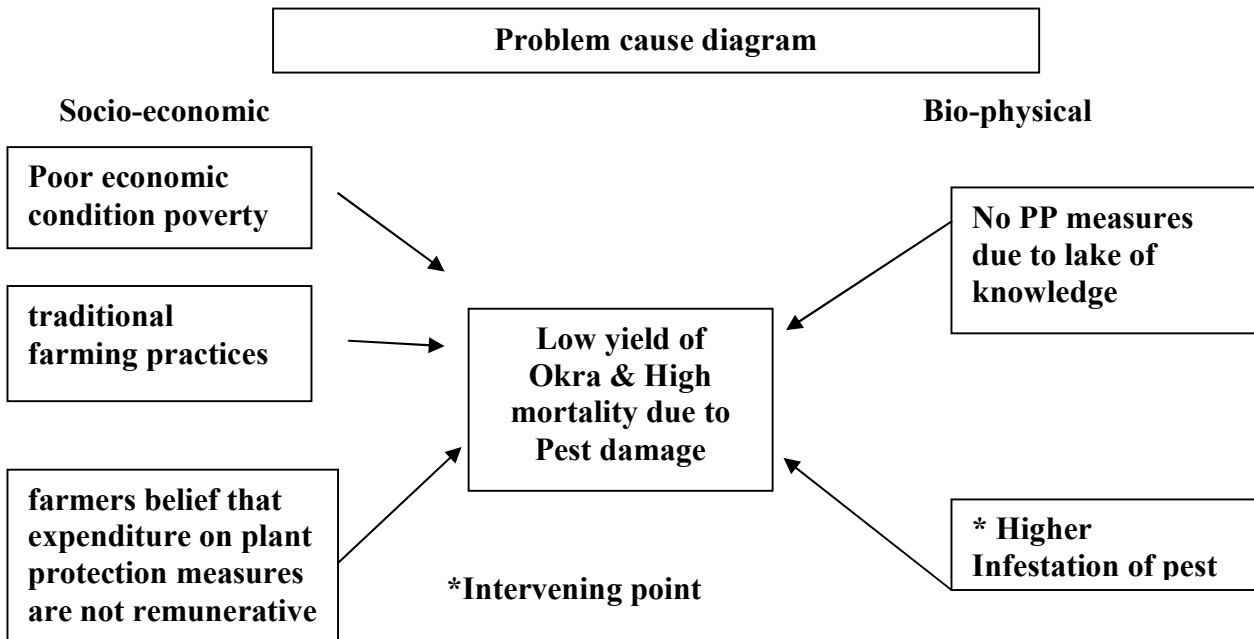
10	Source of Technology	Navsari Agricultural University, Navsari (2016-17)
11	Name of critical input	seeds, Novel organic liquid fertilizer, PSB <i>Rhizobium</i> and KMB (Novel & other Bio-fertilizer given for adoption of organic farming)

Note: Not conducted due to lack of grant

OFT 7: 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) 300ppm/1500 ppm
Season	<i>Kharif</i> - 2021
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 : 2nd Year

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) 300ppm/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.				

OFT-8:

Title: Assessment of pheromone trap technology for the management of leucinodes orbonails in Brinjal

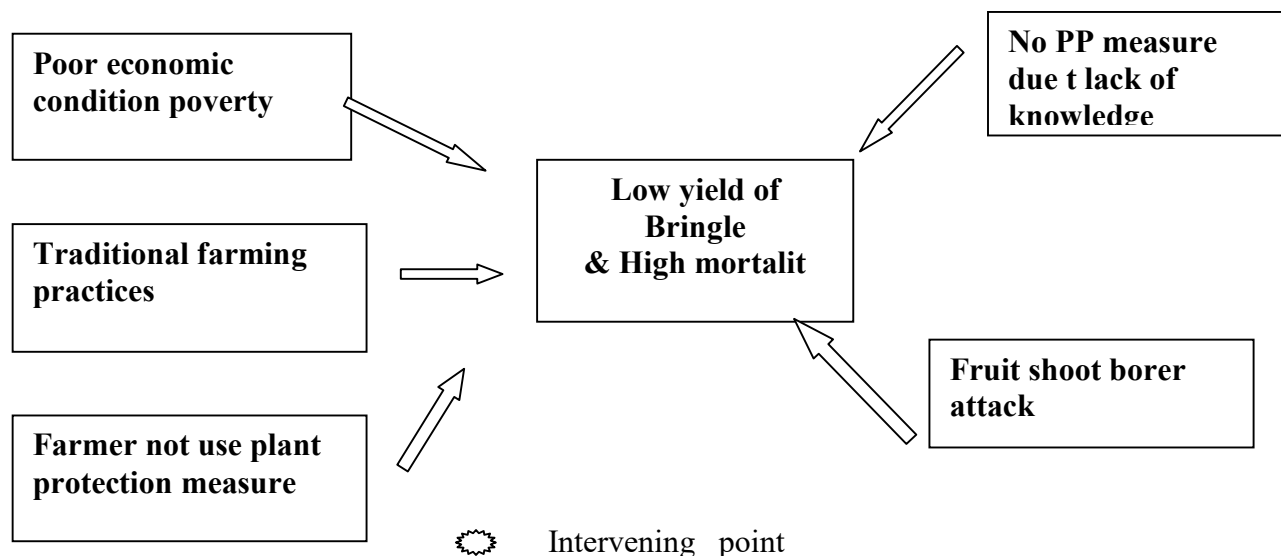
Background:

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 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.

Problem: See the problem cause diagramme

Socio economic

Bio physical



1	OFT Title	Assessment of pheromone traps technology for the management of leucinodes orbonails 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	<i>Kharif</i> – 2022
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

Note: Not conducted due to lack of grant

OFT 9

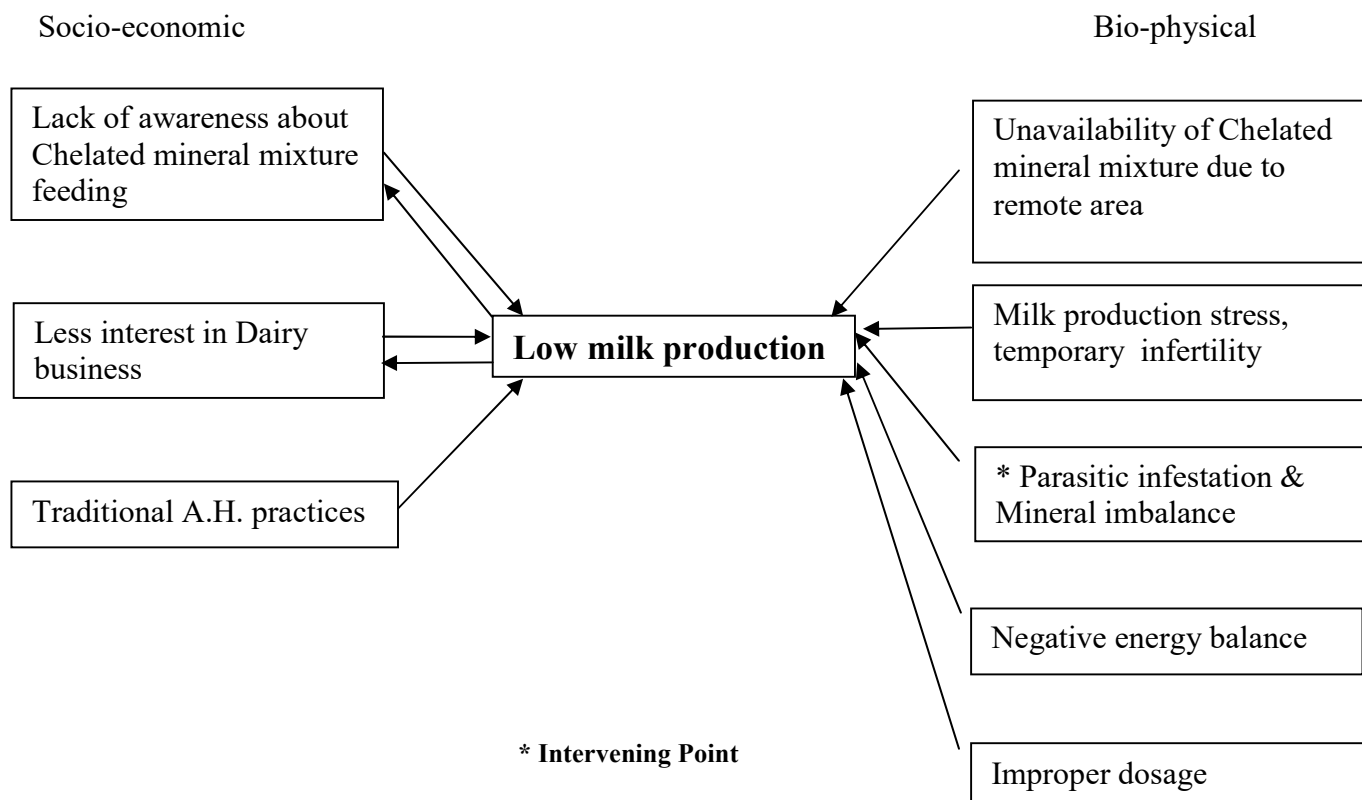
Title: - Use of Chelated minerals in the diet of crossbred HF cows

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 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 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.

Problem cause diagram



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 @ 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	Difference	%Increase
Milk Production (Lit./day)	3.69	4.53	5.43	0.9	8.34
Post partum estrus	146	115	110	-	-

E. Extension Activities: (January 2022 to December 2022):

Sr. No.	Name of activities	No. of activities	No. of participants		
			Male	Female	Total
1.	Lecture delivered	124	6555	3650	10205
2.	Field visit	48	92	65	157
3.	FLD visit	50	90	68	158
4.	OFT visit	13	19	11	30
5.	Scientists visit to farmers field	25	53	39	92
6.	Framers visit to KVK	20	534	135	669
7.	Diagnostic visit	24	42	11	53
8.	Exposure visit	07	102	96	198
9.	Kisan Gosties	07	222	138	360
10.	Field day	02	24	15	39
11.	Farmers fair	02	543	205	748
12.	Method demonstrations	40	670	328	998
13.	Farmers Scientist interaction	31	577	283	860
14.	Farmers meetings	01	7	5	12
15.	TV/Film show	26	747	394	1141
16.	Exhibition	05	1569	608	2177
17.	BRS students placement	08	50	30	80
18.	TV, Redio talk	03	-	-	-
19.	Farm school	06	139	40	179
20.	Celebration of important Days	20	1108	538	1646
21.	Farmers workshop, Seminar	07	2046	677	2723
22.	Survey work	06	128	0	128
23.	Special swachhta campaign 2.0	01	117	145	262

Sr. No.	Name of activities	No. of activities	No. of participants		
			Male	Female	Total
24.	Video send to Farmers mobile	80	54268	-	54268
25.	Telephone helpline	84	2513	-	2513
Total		640	72215	7481	79696

Sr. No.	Name of activities	Particular
1.	Soil sample analyzed	00
2.	Water Sample Collection & Analyzed	00
3.	Plant Health Clinic diagnostic services	66
4.	News coverage	179
5.	Success story	06
6.	Popular article	28
7.	Folder, Leaflet	19
8.	Technical report	445
9.	Kisan SMS/Whatsapp SMS	303
10.	Telephone helpline	84 (2513 farmers)
Total		1130

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, NAU, Navsari, 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.	World Pulses Day	10-02-2022	KVK Waghai	58	12	70
2.	World womens Day	08-03-2022	Ambapada	37	6	43
3.	World meteorological Day	23-03-2022	KVK Waghai	29	32	61
4.	Celebration of Poshan pakhavada	28-03-2022	FTC- Ahwa	0	30	30
5.	World Earth Day	22-04-2022	Vankan	14	6	20
6.	Celebration of World Bee Day	20-05-2022	Lahandabhas & Motidabhas	18	2	20
7.	International Yoga Day	21-06-2022	KVK waghai	26	21	47
8.	Van mahotshav	21-07-2022	KVK Farm	17	0	17
9.	ICAR Foundation Day	16-07-2022	KVK, Waghai	46	15	61
10.	Training on Prakrutik krushi live telecast from vande gujarat chanel-04	05-08-2022	Sajupada	5	15	20
11.	Flag hoisting at waghai with collaboration of college of agriculture, NAU, Waghai	12-08-2022	Waghai	28	1	29
12.	Parthenium awareness week	18-08-2022	Zavda	5	21	26
13.	Posan Abhiyan	17-9-2022	Gaygothan	62	43	105
14.	Mahila Kishan Diwas	15-10-2022	Rajendrapur	5	20	25
15.	Special swachhta campaign 2.0 from octomber 2 to octomber 31, 2022	02nd Octomber to 31 Octtomber 2022	Sajupada, Ambapada, Tekpada, Waghai, Rajendrapur, Uga	117	145	262

Sr. No	Title	Date	Village	Male	Female	Total
16.	National unity day 2022	29-10-2022	Ahwa	48	0	48
17.	Jal sakti Abhiyaan	07-11-2022	Bhneskatri	42	0	42
18.	World Soil Day	05-12-2022	Waghai	56	45	101
19.	Technology week	19 to 23-12-2022	Different village of Dang district	394	119	513
20.	Kisan Day	23-12-2022	KVK, Waghai	101	5	106
	Total			1108	538	1646

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 31 st Dec-2022 (Rs.)	Available amount up to 31 st Dec-2022 (Rs.)
1.	Krushi Vigyan Kendra, Waghai	2704/06/NF	135.89	73,97,208	70,37,881
2.	KVKs revolving fund Waghai	2076/14/KRF	60,03,961	13,80,397	46,23,564
3.	Strengthening of testing of University technologies through Farmers field adaptive trial Phase - II	12306-D	4,00,000	3,50,516	49,484
4.	Atmosphere and Climate Research modeling Observing System and Services (ACROSS)	2121-02	9,92,767	9,72,206	20,561
5.	TSP- Mega seed project	2068-B	80,000	0/-	-
6.	Kisan Bhagidari prathamika hamari	2146-02	99,920	99,920	-
7.	Natural farming	2148-02	2,66,000	-	-
8.	Kisan sanman nidhi	18236	98,764	98,764	-
9.	Cluster Frontline Demonstrations on Pulses funded under NFSM during	2105-B	-	0/-	-

Sr. No.	Name of Scheme	Budget Head	Grant Sanction (Rs.)	Expenditure up to 31 st Dec-2022 (Rs.)	Available amount up to 31 st Dec-2022 (Rs.)
	2019-20				
10.	Sub Mission on Agriculture Mechanization (SMAM)	18136-06	-	0/-	-
11.	Parmparagat Krishi Vikas Yojana (PKVY)	2125-03	-	0/-	-
12.	Implementation of Animal dieses Campaing	2128-04	-	0/-	-
13.	Fertilizer Aplication Awareness Campaing	2129-03	-	0/-	-

I. Details of soil & water samples analyzed:

Sr. No.	Period	No. of water sample	No. of soil sample	SHC issued
1.	Jan-2022 to Dec-2022	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
2018-19	71,65,449.00	5,63,723.00	7,12,719.00	71,68,778.00
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

K.1 Performance of instructional farm (crops) including seed production (2022)

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production		
				Variety	Type of Produce	Kg
Paddy	10/06/22	25/09/22	0.6	GR 17	Certified seed	3150
Paddy	15/06/22	27/09/22	0.6	GR 18	Truthful seed	1750
Paddy	17/06/22	01/10/22	0.6	GNR 08	Truthful seed	1610
Gram	05/11/21	26/01/22	1.4	GJG 03	Certified seed	1425

Green gram	03/02/22	20/04/22	0.10	GM 6	Truthful seed	150
Green gram	05/02/22	22/04/22	0.80	GM 6	Foundation seed	1030
Pigeon pea	01/05/21	20/11//22	0.20	GT 105	Truthful seed	174
Mango	-	-	-	Kesar	-	Auction 1,42,000/-
				Totapuri	-	
				Desi	-	
Strawberry	-	-	-	-	-	20
Seedlings (Tomato, Brinjal, Chilli, Drumstick)	-	-	-	-	-	5940 Nos

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

Sr. No.	Name of the Product	No.	Selling (Rs.)
1.	Guava nector	347	3470
2.	Pineapple nector	296	2960
3.	Orange nector	290	2900
4.	Guava squash	12	960
5.	Pineapple squash	20	1600
6.	Orange squash	10	800
7.	PSB	00	00
8.	Azatobactor	53	5300
9.	Rhizobium	50	5000
10.	Potash	52	5200
11.	Pseudomonas	50	5000
12.	Novel	216	32400
13.	Honey	15	2550
14.	Fruit fly trap	28	1540
15.	Fruit fly block	10	350
16.	Tuvar gnp-2 (kg)	24	2640
17.	Vegetable seed	160	25600
18.	Mango squash	02	200
19.	Paddy (Lalkada) (kg)	09	7200
20.	Lemon plant	100	2000
21.	Vegetable trap	15	1125
22.	Vegetable blok	10	550
22		Total	109345

K.3 University technology which are spread among farmers by FLD, OFT (2022)

Sr. No.	Crop name	Uni. Technology	Quantity	Farmers
1.	Green gram	Variety GM 6	200 kg	50
2.	Paddy	Variety GR 7	2125 kg	85
3.	Paddy	Variety GR 17	25 kg	25
4.	Finger millet	Variety GNN6	25 kg	25
5.	Pigeon pea	Variety GT 105	76 kg	26
6.	Little millet	Variety GNV 3	25 kg	25
7.	Gram	Variety GJG 3	400 kg	50
8.	Finger millet	Variety GNM 8, CFMV 2	10 kg	10
9.	Grateriam	Variety Hemlata	360.06 kg	17
10.	Mango	Kesar	55 Nos	11
11.	Indian bean	GNIB 22	60 kg	20
12.	Okra	GNO 1	5 kg	20
13.	Bittergourd	Cue lure trap	60 trap	20
14.	Mango	Fruit fly trap	75 trap	25
15.	Finger millet	Pseudomonas	25 lit	25
16.	Bittergourd	Cue lure trap	500 tarp	100
Total				534

Sr. No.	Uni. Technology	Liter
1.	Rizobium	120
2.	Azetobecter	218
3.	PSB	338
4.	KMB	313
5.	Novel	245
Total		1234

K.4 DISTRICT AGROMET UNIT (DAMU) PROJECT (Jan.-Dec., 2022)

Sr. no.	Activity	No. of activity	No. of farmers
1.	Farmer Awareness Programme for Agromet Advisory	06	230
2.	Dissemination of Agromet Advisory		
	Whatsapp groups:	06	952

3.	Agromet Advisory Service (Regular basis on every Tuesday & Friday)	103 District level bulletin 315 Block level bulletin (English & Regional Language)	1200
4.	Newspaper coverage	09	-
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>ATMA talim bhavan khate khedutone prakrutik khetini talim apavama aavi</i>	Public App News	06-01-2022
2	<i>Dang Jilaa na waghai krushi vigyan kendra khate parakrutik kheti pradharshan shthal ubhu karayu</i>	DD News Gujarati	11-01-2022
3	<i>krushi vigyan kendr(waghai) ane ATMA tapi dvara KVK khate khedutone capicity bulding upar sponsor talim aapava ma aavi</i>	Public App News	18-01-2022
4	<i>krushi vigyan kendr, waghai khate prakrutik krushi padhdhti sambadhit plot come niddrashan taiyar karavama aavyu</i>	Vasalyam Samachar	21-01-2022
5	<i>krushi vigyan kendr, waghai khate prakrutik krushi padhdhti sambadhit plot come niddrashan taiyar karavama aavyu</i>	Satya Day	21-01-2022
6	<i>Krushi vigyan kendr, waghai khate prakrutik krushi padhdhti sambadhit plot come niddrashan taiyar karavama aavyu</i>	Dhabakar News	23-01-2022
7	<i>Prakrutik krushi padhdhti sambadhit plot come niddrashan taiyar karavama aavyu</i>	Divya Bhaskar News	23-01-2022
8	<i>Krushi vigyan kendr khate prakrutik kheti sambadhit plot come niddrashan taiyar karavama aavyu</i>	Public App News	23-01-2022
9	<i>Krushi vigyan kendr, waghai khate prakrutik krushi padhdhti sambadhit plot come niddrashan taiyar karavama aavyu</i>	Gandhinagar Today	23-01-2022
10	<i>Waghai na Krushi vigyan kendr prakrutik kheti padhdhti sambadhit niddrashan taiyar</i>	Gujarat Gurdian	23-01-2022
11	<i>Krushi vigyan kendr, waghai khate prakrutik krushi padhdhti sambadhit plot come niddrashan taiyar karavama aavyu</i>	Lokarpan News	23-01-2022
12	<i>Dang jilla ma prakrutik kheti padhdhti sambadhit plotnu karavama</i>	Public App News	23-01-2022

I	News coverage/press released		
Sr. No	Title of news coverage	Name of news paper and page no	Date of the press released
13	<i>Dang jillana krushi vigyan kendra khate Mahila Kishan Divas ni ujavani karai</i>	Surat Mitra	23-01-2022
14	<i>Waghai kruishi vigyan khate prakrutik krushi padhdhti sambadhit plot come niddrashan yojayu</i>	Vartman Pravas	23-01-2022
15	<i>Krushi vigyan kendr, waghai khate prakrutik krushi padhdhti sambadhit plot come niddrashan taiyar karavama aavyu</i>	Krishi Prabhat	24-01-2022
16	<i>Waghai kruishi vigyan khate prakrutik krushi padhdhti sambadhit plot come niddrashan taiyar karava ma aavyu</i>	Atal Savera, Surat	24-01-2022
17	<i>Waghai khate prakrutik krushi padhdhti ange niddrashan taiyar karava ma aavyu</i>	Daman Ganga	24-01-2022
18	<i>Krushi vigyan kendr, waghai khate prakrutik krushi padhdhti sambadhit plot come niddrashan taiyar karavama aavyu</i>	Samna Dainik	24-01-2022
19	<i>Krushi vigyan kendr, waghai khate prakrutik krushi padhdhti sambadhit plot come niddrashan taiyar karavama aavyu</i>	Lokarpan News	24-01-2022
20	<i>Krushi vigyan kendr, waghai khate prakrutik krushi padhdhti sambadhit plot come niddrashan taiyar karavama aavyu</i>	Zatpat News	24-01-2022
21	<i>Krushi vigyan kendr khate 21mi vaigyanik salahakar samitini bethak yojai</i>	Public App News	25-01-2022
22	<i>Waghai na Krushi vigyan kendr dvara 21mi vaigyanik salahakar samitini bethak yojai</i>	Zatpat News	27-01-2022
23	<i>Waghai na Krushi vigyan kendr dvara 21mi vaigyanik salahakar samitini bethak yojai</i>	Vatsalyam Samachar	30-01-2022
24	<i>Danga na Waghai KVK ma salahakar samitini bethak yojai</i>	Divya Bhaskar News	30-01-2022
25	<i>Waghai na Krushi vigyan kendr dvara 21mi vaigyanik salahakar samitini bethak yojai</i>	--	30-01-2022
26	<i>Waghai ane ahwa khate akhil bhartiya bakara sudharana yojana antargat surati bakarapalanani talim yojai</i>	Vasalyam Samachar	05-02-2022
27	<i>Waghai krushi vigyan kendr dvara vishv kathol divasni ujavani karavma aavi</i>	Zatpat News	11-02-2022
28	<i>Krushi vigyan kendr Waghai(Dnag) dvara vishv kathol divasni ujavani karavma aavi</i>	--	12-02-2022
29	<i>Waghai krushi vigyan kendr dvara vishv kathol divasni ujavani karavma aavi</i>	--	12-02-2022
30	<i>Dang jillama TSP yojanama kelani vaigyanik kheti par vishay upar talim</i>	Divya Bhaskar News	16/2/2022
31	<i>Dangama kheduto mate kela ni vaigyanik kheti padhdhti ni talim shibirnu aayojan karayu</i>	Gujarat Gurdian	16/2/2022
32	<i>Dang ma (ICAR-AICARP Fruits)ni TSP yojanama kelani vaigyanik kheti par vishay upar talim</i>	Lokarpan News	16/2/2022

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33	<i>Danga jillama ma kela ni vaigyanik kheti padhdhti vishay upar margdarshan Shibir</i>	Nayan Darshan	16/2/2022
34	<i>Dang ma (ICAR-AICARP Fruits)ni TSP yojanama kelani vaigyanik kheti par vishay upar talim</i>	Zatpat News	16/2/2022
35	<i>Dang jillama T.S.P. yojanama kelani vaigyanik kheti par vishay upar talim</i>	Vasalyam Samachar	16/2/2022
36	<i>Pashuona falikaran mate kutrim bijdan karaavo:Dr.Sagar patel</i>	Nayan Darshan	17/2/2022
37	<i>Kheduona talimna bhag rupe dang na krushi vigyan kendr waghai khate agricultur dron nu nidarashan</i>	Jan Adesh News	17/2/2022
38	<i>Waghai krushi vigyan kendr, dvara 3 divasiy pashupalan talim yojai</i>	Zatpat News	17/2/2022
39	<i>Krushi vigyan kendr khate bharti krushi anushadhan parisad(Navi Dilhi) pruskut pashupalan ni 3 divasiy talimnu aayojan karayu</i>	Public App	17/2/2022
40	<i>Krushi vigyan kendr waghai pashupalan talim yojai</i>	--	17/2/2022
41	<i>Waghai kurhsi vigyan kendr na aangane agriculture dron na nidarshan nu aayoujan karavama aavyu</i>	--	18/2/2022
42	<i>Waghai kurhsi vigyan kendr na aangane agriculture dron na nidarshan nu aayoujan karavama aavyu</i>	Zatpat News	19/2/2022
43	<i>Waghai talukana vankan khate krushi vigyan kendr dvara talimanu aayoujan</i>	Surat Mitara	04-03-2022
44	<i>Vankan game kurshi vigyan kendra dvara ambana paak ne laine talimnu aayoujan karavama aavyu</i>	Public App	04-03-2022
45	<i>Waghai KVK ma pashupalan vishay ange tran divasiy talim Azolano upyog thi danna kharch ghatadi utpadan thaki vadhu aavak male</i>	Divya Bhaskar News	05-03-2022
46	<i>Waghai krushi vigyan kendra khate pashupalan vishayk upar tran divasiy talim yojavama aavi</i>	Gujarat Satta	05-03-2022
47	<i>Waghai talukana vankan khate krushi vigyan kendr dvara talimanu aayoujan</i>	Nyaya Darshan	05-03-2022
48	<i>Waghai krushi vigyan kendra khate pashupalan vishayk upar tran divasiy talim yojavama aavi</i>	Ptatinidhi News	05-03-2022
49	<i>Waghai krushi vigyan kendra khate pashupalan vishayk upar tran divasiy talim yojavama aavi</i>	Vasalyam Samachar	05-03-2022
50	<i>Waghai krushi vigyan kendra khate pashupalan vishayk upar tran divasiy talim yojavama aavi</i>	Public App	05-03-2022
51	<i>Waghai krushi vigyan kendra khate pashupalan vishayk upar tran divasiy talim yojavama aavi</i>	Vasalyam App (Dhunt)	05-03-2022
52	<i>Waghai khate vishv Mahila dine aatmnirbhar banavani pratigya</i>	Nyaya Darshan	08-03-2022

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53	<i>Waghai khate Antararastriya Mahila divasni ujavani karai</i>	You Tub Chanal	08-03-2022
54	<i>Dananao neturel color have aakha Gujarat rajyama prashidhdhi melavase</i>	Vasalyam Samachar	11-03-2022
55	<i>Waghai krushi vigyan kendra dvara pashuoma khorak ane dhas-charaa na vyavsthan angeni talim yojai</i>	Vasalyam App	11-03-2022
56	<i>Waghai krushi vigyan kend khate rasayan mukt holi na rango banvavani vyavsayik talim aapavama aavi</i>	Zatpat News	13-03-2022
57	<i>Krushi vigyan kendr wagahi dvara Chichond khate suranni prakruit kheti padhdhti vishayak talim yojai</i>	Vasalyam App	22-03-2022
58	<i>Chichond khate suranni prakruit kheti padhdhti vishayak talim yojai</i>	City Today	23-03-2022
59	<i>Krushi vigyan kendr wagahi dvara Chichond khate suranni prakruit kheti padhdhti vishayak talim yojai</i>	Vasalyam Samachar	23-03-2022
60	<i>Krushi vigyan kendr wagahi dvara Chichond khate suranni prakruit kheti padhdhti vishayak talim yojai</i>	Satya Day	23-03-2022
61	<i>Chichond khate suranni prakruit kheti padhdhti vishayak talim yojai</i>	Nyaya Darshan	23-03-2022
62	<i>Dang jillana ketalak vistaraoma tarikh 8 ane 9 marchna roj varasadani sambhavana vyakt karai</i>	Public App	07-04-2022
63	<i>Waghai krushi vigyan kendra krushi uni.vechaan kenrdrano prarambh karavama avyo.</i>	Divya Bhaskar News	13-04-2022
64	<i>Waghaina krushi vigyan kendr khate "krushi univarsity vechan kendr" no subharbh</i>	Nyaya Darshan	13-04-2022
65	<i>Khedutona samay ane hundiyamanani bachat thase: krushi univarshitya kulapati</i>	Sandesh news	13-04-2022
66	<i>Waghai khate krushi univarsity dvara vechan kendrano shubharbh</i>	Pratinithi News	13-04-2022
67	<i>Waghaina krushi vigyan kendr khate "krushi univarsity vechan kendr" no subharbh karayo</i>	Vasalyam Samachar	13-04-2022
68	<i>Waghaina krushi vigyan kendr khate "krushi univarsity vechan kendr" no subharbh karayo</i>	Zatpat News	13-04-2022
69	<i>Waghaina krushi vigyan kendr khate "krushi univarsity vechan kendr" no subharbh karayo</i>	Vartman Pravah News	13-04-2022
70	<i>Waghaina krushi vigyan kendr khate "krushi univarsity vechan kendr" no subharbh karayo</i>	Public App	13-04-2022
71	<i>Wagahi khate yojayel krushi mela ane kishan bhagidari-prathamikta hamari krykramne laine Dr.J.B.Dobariya e pratikriya aapi</i>	Public App	26-04-2022
72	<i>Wagahi khate yojayel krushi mela ane kishan bhagidari-prathamikta hamari krykramne laine</i>	Public You Tube Chenal	26-04-2022

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	<i>Dr.J.B.Dobariya e pratikriya aapi</i>		
73	<i>Waghai khate krushi mela ane "Kishan bhagidari prathamikata hamari" kharykramnu aayojan</i>	Dabakaar News	27-04-2022
74	<i>Waghai khate krushi mela ane "Kishan bhagidari prathamikata hamari" kharykramnu aayojan</i>	Nyaya Darshan	27-04-2022
75	<i>Waghai khate krushi mela ane "Kishan bhagidari prathamikata hamari" kharykramnu yojayo</i>	Zatpat News	27-04-2022
76	<i>Waghai khate krushi mela ane "Kishan bhagidari prathamikata hamari" kharykramnu</i>	--	27-04-2022
77	<i>Malinno mahenatkash yuvan majurmathi malik vabyo</i>	City Today	30-04-2022
78	<i>Madhmitha taraboochni aadhunik kheti apanavai 80 divasma 8 lakhno nafo melavto dangno khedut</i>	Daman Ganga	30-04-2022
79	<i>Dangana khedute aadhunik kheti apanvai 80 divasma 120 tan taraboochno pak lani 8 lakhno nafo melavyo</i>	Divya Bhaskar News	30-04-2022
80	<i>Madhmitha taraboochni aadhunik kheti apanavai 80 divasma 8 lakhno nafo melavto dangno khedut</i>	Janadesh News	30-04-2022
81	<i>Malinno mahenatkash yuvan majurmathi malik vabyo</i>	Kamalam Dainik	30-04-2022
82	<i>Malinno mahenatkash yuvan majurmathi malik vabyo</i>	Lokarpan News	30-04-2022
83	<i>Taraboochni aadhunik kheti apanavai 80 divasma 8 lakhno nafo melavto Dangi khedut</i>	Sandesh news	30-04-2022
84	<i>Malin gamana yuva khedut Bivasene 4 hekatarma matr 80 divasni taraboochni kheti kari 8 lakhano nafo kari kheduto mate preranasrot banyo</i>	Saty Day Daink News	30-04-2022
85	<i>Malinno mahenatkash yuvan majurmathi malik vabyo</i>	Public App	30-04-2022
86	<i>Malin gamna yuvane kari tarbuchni kheti</i>	Public app	30-04-2022
87	<i>Prajapati Harshadbhai , vaigyanik,bhagayat (tarbuch ni kheti padhdhti)</i>	Public App	30-04-2022
88	<i>Dang jillana malin gamno mahenatkash yuvan majurmathi malik banyo</i>	Vastalya news	30-04-2022
89	<i>Dangma marchana pakma khot khadha bad, Amba kalmma nafo raline betho thato yuvan</i>	Daman Ganga Times	05-05-2022
90	<i>Korona Kalni Khotne krushi vigyan kendra waghaina margdarshanthi sarbhar karato godadiyano sahasik khedut</i>	Janadesh News	05-05-2022
91	<i>Korona Kalni Khotne krushi vigyan kendra waghaina margdarshanthi sarbhar karato godadiyano sahasik khedut- Hasamukh Bagul</i>	Zatpat News	05-05-2022
92	<i>Korona Kalni Khotne krushi vigyan kendra waghaina margdarshanthi sarbhar karato dodadiyano sahasik khedut</i>	City Today	06-05-2022

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93	<i>Korona Kalni Khotne krushi vigyan kendra waghaina margdarshanthi sarbhar kari Ambana kalamni khetie godadiyano khedutni dasha ane disha badali</i>	Divya Bhasakar	06-05-2022
94	<i>Amba kalmmo uchherine lakhono nafa ralato godadiyano sahasik khedut</i>	Sandesh News	06-05-2022
95	<i>Korona Kalni Khotne krushi vigyan kendra waghaina margdarshanthi sarbhar karato dodadiyano sahasik khedut</i>	Nyaya Darshan	06-05-2022
96	<i>Korona Kalni Khotne krushi vigyan kendra waghaina margdarshanthi sarbhar karato dodadiyano sahasik khedut</i>	Satya Day Dainik News	06-05-2022
97	<i>Amba kalmmo uchherine lakhono nafa ralato godadiyano sahasik khedut</i>	--	06-05-2022
98	<i>Ambana Kalani khetie godadiyano khedutni dasha ane disha badali</i>	Gujarat Raksha News	06-05-2022
99	<i>Godadiya gmano yuvane krushi vigyan kendra margdarshanthi sarbhar karato godadiyano sahasik khedut ange bagayat vaigyanik Harash Prajapatri ye pratikriya aapi</i>	Public App	06-05-2022
100	<i>Korona Kalni Khotne krushi vigyan kendra waghaina margdarshanthi sarbhar karato dodadiyano sahasik khedut</i>	You Tub Chenal	06-05-2022
101	<i>Waghai krushi kendra khate Agri Stall nu Prarambh</i>	You Tub Chenal	06-05-2022
102	<i>Krushi vigyan kendra waghaina margdarshanthi sarbhar karato godadiyano sahasik khedut</i>	Gujarat Raksha News	06-05-2022
103	<i>Godadiyano gamana yuvane kurshi vigyan kendra margdarshanthi aamba kalam taiyar kari any mate banya prarana</i>	Public App	06-05-2022
104	<i>krushi vigyan kendra waghai khate Agri stol vishe vaigyanik pak uptadak Dr.Pratik javiya ye mahiti aapi</i>	Public App	06-05-2022
105	<i>Korona Kalni Khotne krushi vigyan kendra waghaina margdarshanthi sarbhar karato godadiyano sahasik khedut ange bagayat vaigyanik - Harshad A. Prajapati</i>	Gramin Tody App	07-05-2022
106	<i>Prakurit kheti ange vankan gamana khedut manubhai ye aapi mahiti</i>	Public App	08-05-2022
107	<i>Dang jillana Jamalapada prathamik shala khate bhumi suoposhan ane kheti pak jagruti sibir yojai</i>	Public App	08-05-2022
108	<i>Dangna kheduto Dharuvadiya banavi shak-bhajina dharu na uchher dvara melavi rahiya chhe aavak</i>	You Tub Chenal	08-05-2022
109	<i>Dang Jillama aadar pratha ne laine vaigyanik pak uptadak Dr.Pratik javiya ye mahiti aapi</i>	Public App	16-05-2022
110	<i>Jillama panini samasyane nivarava mate shu</i>	Public App	20-05-2022

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	<i>kari shakay te mate waghai khatethi Dr.Pratik javiya ye janavyu</i>		
111	Krushi vigyan kendra khate garib kalyan samelan karykram yojayo	Public App	31-05-2022
112	Krushi vigyan kendra khate garib kalyan samelan karykram yojayo	SamayKranti Video News	31-05-2022
113	<i>Dang jillana mukhy mathak Ahwa ane Waghai khate yojayel "Garib Kalyan samelan" 1100 lokoye labh lidho.</i>	Dhabakar News	01-06-2022
114	<i>Dangma Ahwa tatha Waghai khate yojayel Garib kalyan samelano</i>	Nayan Darsan	01-06-2022
115	<i>Dang jillana mukhy mathak Ahwa ane Waghai khate yojayel "Garib Kalyan samelan" 1100 lokoye labh lidho.</i>	Zatpat News	01-06-2022
116	<i>Krushi Vigyan Kendr,campusma Azadi ka amrut mahotsav garib kalyan melanu aayoujan karyayu</i>	Publick App	02-06-2022
117	<i>Krushi Vigyan Kendr, Waghai khate yog divasni ujavani karai</i>	Gujarat Raksha App	21-06-2022
118	<i>Krushi Vigyan Kendr, Waghai khate yog divasni ujavani karai</i>	Publick App	21-06-2022
119	<i>Krushi Vigyan Kendr, Waghai khate yog divasni ujavani karai</i>	Dhabakar News	22-06-2022
120	<i>Dangana pragatishil khedut Jayeshbhai Mokashine Aoushadhiya pakam best enovetiv farmars award</i>	Divya Bhasakar	26-06-2022
121	<i>Dang Jillana khedutne safed musalini kheti mate best Innovetive farmars award</i>	Gujarat Gardriyan	26-06-2022
122	<i>Dang jillana khedutane Rastriya kaskhanao Best Innovetive farmars award melavyo</i>	Dunt App	26-06-2022
123	<i>Dangana pragatishil khedut Jayeshbhai Mokashine Aoushadhiya pakam Best Innovetive farmars award</i>	Nyaya Darshan	27-06-2022
124	<i>Krushi vigyank kendr, waghai(Dang)na mrgdarshan thi dangana khedrute jubagadh khate Best Innovetive farmars award melavyo</i>	Public App	27-06-2022
125	<i>madhmakhi palan vishe krushi vigyan kendrana bagayat vaigyanik harshad prajapati e pretikriya api</i>	Public App	16-06-2022
126	<i>Krushi vigyan kendr Waghai dvara khedtuto jog suchana apayi</i>	Puplica App	15/7/2022
127	<i>Krushi vigyan kendr vaghai khate 94th ICAR Foundation Day ni Ujavani karavama aavi</i>	Vatsalya Samachar	17/7/2022
128	<i>Dangma aagami 5 divase thae halavo varasad kheduto mate krushi salah</i>	--	20/7/2022
129	<i>Tuvern ni jaivik kheti Organic farming of pigeon pea tuver ni jaivk kheti/cultivation of</i>	You Tub Chanal	20/7/2022

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	<i>pigeon pea</i>		
130	<i>Krishi Darshan - Jaivik Khatarono Upayog Ane Tenu Mahatva</i>	You Tub Chanal	20/7/2022
131	<i>Dangma aagami 5 divase thae halavo varasad kheduto mate krushi salah</i>	Zatpat News	20/7/2022
132	<i>Dangma aagami panch divase thae halavo varasad kheduto mate krushi salah</i>	Divya Bhasakar	21/7/2022
133	<i>Dangma aagami panch divase thae halavo varasad kheduto mate krushi salah</i>	Jandadesh	21/7/2022
134	<i>Krushi Vigyan Kendr, Waghai khate yog divasni ujavani karai</i>	Publick App	21/6/2022
135	<i>Kisanbhaio davara iKhedut Portal pr aavedan karane ki vidhdhi</i>	You Tub Chanal	21/7/2022
136	<i>Dangana Zavada game khetini navintam technology apanavava karykaram yojayo</i>	Dhabakar Pratinithi	27/7/2022
137	<i>Waghai talukana bhadarpada gam khate sajiv tatha prakrtik kheti ange talimanu aayoujan karavama aavyu</i>	Gujarat Raksha App	28/7/2022
138	<i>Dangana : Waghaina Zavada game chomasu paakoni jalavani angeni talim yojai</i>	Madan Vaisnav samachar	08-01-2022
139	<i>Dangana : Waghai talukana Bhadarpada game sajiv tatha prakruik kheti angeni talim yojai</i>	Vatsalya Samachar	08-01-2022
140	<i>Waghai talukana Bhadarpada game kahte sajiv tatha prakruik kheti angeni talim yojai</i>	Zatpat News	08-01-2022
141	<i>Waghai : Krushi kendra khate mantri shri Nareshbhai patelni adhyaxtama yojai prakrutik krushi vishyk khedut shibir</i>	Vatsalya samachar	3-9-2022
142	<i>Ahwa : prakrutik krushi vishyk khedut shibiri yojvama avi</i>	Nyaydarshn	9-9-2022
143	<i>Nagli ane teni vividh banavto lokona aarthik utthanma khub ja mahatvno falo aapi shke :kulpati</i>	Divya bhaskar	17/9/2022
144	<i>Dang:Krushi vigyan kendr Waghai dvara nyutrishn ane tri planteshn par jagruti karkram yojai</i>	Vatsalya samachar	19/9/2022
145	<i>Waghai krushi vigyan kendra khate PM Kisan Samman atargat khedut shibir yojai</i>	Dhabakar	17/10/2022
146	<i>Waghai krushi vigyan kendra khate " khedut shibir" yojai</i>	Nyaydarshn	17/10/2022
147	<i>Waghai krushi vigyan kendra khate PM Kisan Samman samelan atargat khedut shibirnu ayojan karvama aavyu</i>	Zatpat	17/10/2022

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148	<i>Waghai krushi vigyan kendra khate dvara swachhatani ujavani karavama aavi</i>	Dhabakar	01-11-2022
149	<i>Waghai krushi vigyan kendra khate dvara swachhatani ujavani karavama aavi</i>	Nyaydarshn	01-11-2022
150	<i>krushi vigyan kendra waghai khate jamin divasni ujavani karai</i>	Public App	05-12-2022
151	<i>Dang jillama tarikh 13 ane 14 december 2022 na roj chhuta chhvaya vistaraoma varadad padavani sambhavana vyakt karai</i>	Public App	10-12-2022
152	<i>Jillama tarikh 15 thi 17 darmiyan varsdad aavavani sambhavana vyak karai</i>	Public App	15/12/2022
153	<i>Krushi Univ.ni spardhama 175 karmicharioe bhag lidho</i>	Divya bhaskar	17/12/2022
154	<i>Krushi vigyan kendra dvara khedutone salah aapai</i>	Public App	17/12/2022
155	<i>Jillama aagami 4 divasma kamosmi varsadni aagahinana sandarbhe khedutone jog apil</i>	Public App	17/12/2022
156	<i>Sati gam khatethi Krushi vigyan kendrana vaigyan kenra dvara Technology saptahnu aayojan karayu</i>	Public App	19/12/2022
157	<i>Waghai krushi vigyan kedra khate khedutone prakrutik kheti vishayak margdarshan aapayu</i>	Dhabakar News	20/12/2022
158	<i>Dan jilla kalecter jadejae waghai khate Dhanvanrari aarogy rathne lili zandi aapi</i>	Nyaydarshn	20/12/2022
159	<i>Waghai(Dang) khate technology saptahna ujavanina bhag rupe prakrutik kheti vishayk margdarshan</i>	Saty Day	20/12/2022
160	<i>Krushi vigyan kendrana vaigyanik ane vada j.b.dobariya ye sati gam khatethi Technology week ange aapi mahiti</i>	Public App	20/12/2022
161	<i>Waghai krushi vigyan kedrama prkrutik kheti vishayak margdarshan aapayu</i>	Sandes News	21/12/2022
162	<i>Sati gam khatethi Krushi vigyan kendrana vaigyan kenra dvara Technology saptahnu aayojan karayu</i>	Public App	19/12/2022
163	<i>Krushi vigyan kendranana Technology saptah 5ma divasna padhdhti nidarshan dvara khedutone prakrutik uptadako banavavani talim</i>	Public App	21/12/2022
164	<i>Dang Waghai Krushi vigyan kendr khate khedutone prakrutik kheti angenu vistrut margdarshan aapayu</i>	Vatsalya samachar	21/12/2022

I	News coverage/press released		
Sr. No	Title of news coverage	Name of news paper and page no	Date of the press released
165	<i>Dang Waghai Krushi vigyan kendr dvara sati game khate Technology saptahna 3 divasni ujavani karai</i>	Vatsalya samachar	22/12/2022
166	<i>Waghai KVK dvara yojayel Techology Saptah aagal vadhe che</i>	Zatpat News	22/12/2022
167	<i>Kheti ochha khareche saru-gunvatayukt utpadanni mahiti khedutone apaay</i>	Divya bhaskar	23/12/2022
168	<i>Krushi vigyan kedra, Waghai Davara sati gam khate Technology Saptahna 3 divasni ujavani karai</i>	Janadesh News	23/12/2022
169	<i>Waghai khate Technology saptah 2 divse ni ujavanima prakrutik kheti vishayak margdarshan</i>	Nyaydarshn	23/12/2022
170	<i>Sati gam khate technology saptahna 3 divasni ujavani karai</i>	Samana News	23/12/2022
171	<i>Sati gam khate technology saptahna 3 divasni ujavani karai</i>	Sadesh News	23/12/2022
172	<i>Waghai krushi vigyan kedra, waghai dvara sati gam khatetechnology saptahna 3 divasni ujavani karai</i>	Saty Day	23/12/2022
173	<i>Waghai krushi vigyan kedra, waghai dvara sati gam khatetechnology saptahna 3 divasni ujavani karai</i>	Surat Dhvani	23/12/2022
174	<i>Krushi vigyan kendra khate KISAN DAY ni ujavani karavama aavi</i>	Public App	23/12/2022
175	<i>Krushi vigyan kendr dvara sati gamna khedutone talim aapvama aavi</i>	Public App	23/12/2022
176	<i>KVK dvara Chichond game khate krushi pradharsh yojayu</i>	Public App	23/12/2022
177	<i>Waghai krushi vigyan kendr, waghai khate KISAN DAY ni ujavani karavama aavi</i>	Nyaydarshn	24/12/2022
178	<i>Badalata samayma badalati krushi technology apanavava anudodh</i>	Divya bhaskar	25/12/2022
179	<i>Krushi vigyan kendrana vaigyanik harshad prajapati ae sati gam khatethi kitchen garden ange mahiti api</i>	Public app	28-12-2022

M. Workshop/ seminar /conference/meetings attended by KVK staff (2020-21):

Sr. No	Date	Title	Type	Place
1	01-01-2022	Pradhanmantri kisan mandhan yojana	Conference	Online
2	03-01-2022	KVK Review meeting	Meeting	Waghai
3	28-01-2022	RAC meeting of Horticulture - Fruit science	meeting	Online
4	24-01-1900	KVK Review meeting	Meeting	Waghai
5	19-01--2022	Online KVK review meeting of South gujarat	Meeting	Online
6	25-01-2022	KVK Review meeting	Meeting	Waghai
7	18-01-2022 to 07-02-2022	Innovations in Potato Improvement, Production and Utilization of Technologies for Doubling Farmer's Income	Winter School	CPRI, Simla
8	25-02-2022	KVK Review meeting	Meeting	Waghai
9	18-02-2022	Distribution of vari processing machine under ICAR - TSP project	Workshop	Waghai
10	24-02-2022	Smart Agriculture-Bringing back glory of millets	Webinar	Online
11	24-02-2022	Budget webinar- Natural farming scientific approach	Webinar	Online
12	25-02-2022	Food Nutrition health wash (FNHW)	Workshop	Online
13	03-02-2022	KVK review meeting	Meeting	KVK,waghai
14	22,23-02-2022	18th PPSC Agresco meeting	Meeting	Navsari
15	18 -01-2022 to 07-02-2022	Processing and quality evaluation of functional foods of animal origin	Winter school-Training	MATHURA (Online)
16	04-02-2022	NMSA(National mission for sustainable agriculture)	Meeting	Jila Panchayat, Ahwa
17	07-02-2022	100 per cent organic farming	Meeting	Jila Panchayat, Ahwa
18	08-02-2022	17th Annual convocation	Convocation	Central examination hall, NAU, Navsari

Sr. No	Date	Title	Type	Place
19	13-02-2022	Capacity building programme & trade meet with FPO/FPCs cooperative & Export on the occasion of celebrate of "Azadi ka Amrut Mahotsav"	Workshop	Online
20	24-02-2022	18th AGRESCO Social science group meeting	Meeting	Central examination hall, NAU, Navsari
21	26-02-2022	Online training programme on Kisan sarthi	Training	Online
22	8,9-03-2022	NRM Agresco sub committee meeting	Meeting	MSRS, NAU, Navsari
23	24-03-2022	Pan india implementation of Kishan Sarthi	Meeting	Online
24	24-03-2022	KVK Review meeting	Meeting	Waghai
25	05-03-2022 and 07-03-2022	AGRESCO - Horticulture	Meeting	Navsari
26	07-03-2022	Weather watch miting	Meeting	Online
27	03-04-2022	5th foundation day of ATARI Pune	Workshop	Online
28	05-04-2022	Prakrutik Krushi ma Pak sarxan	Seminar	AAU, Anand
29	08-04-2022	KVK Review meeting	Meeting	Waghai
30	25-04-2022	ATMA conversation meeting	Meeting	Waghai
31	08-04-2022	KVK review meeting	Meeting	KVK,waghai
32	25-04-2022	ATMA convergence meeting	Meeting	KVK,waghai
33	29,30 - 04-2022	Emerging Agricultural Marketing Trends and Challenges	Webinar	Online
34	25-04-2022	ATMA conversation meeting	Meeting	Waghai
35	03-04-2022	5th foundation day of ATARI Pune	Workshop	Online
36	05-04-2022	Prakrutik Krushi ma Pak sarxan	Seminar	Online




Sr. No	Date	Title	Type	Place
37	10-05-2022	KVK Review meeting	Meeting	Waghai
38	16-05-2022	KVK Review meeting	Meeting	Waghai
39	25-05-2022	KVK Review meeting	Meeting	Waghai
40	16-05-2022	Pak aayojan 2022-23	Meeting	Online
41	25-05-2022	Jilla kaksha sajiv kheti amlikaranan samitinni bethak babat	Meeting	Jilla Panchayat, Ahwa
42	25-05-2022	ATMA Governing Board (AGB)	Meeting	Jilla Panchayat, Ahwa
43	25-05-2022	ATMA managemnet committee meeting	Meeting	Jilla Panchayat, Ahwa
44	13-05-2022	External examiner	-	COA, NAU, waghai
45	17-05-2022	Meeting of District Level Coordination and Co-operation Committee	Meeting	Ahwa, Dang
46	21,22-05-2022	Workshop for entry of DFI story into Excel	Workshop	Pune, Maharashtra
47	04-05-2022	ATMA conversation meeting	Meeting	Waghai
48	25-05-2022	ATMA governing board	Meeting	Ahwa
49	30-05-2022 to 01-06-2022	Success story writing skills for print & electronic media	Training	KVK, Waghai
50	04-06-2022	Advance estimate Meeting of Dang	Meeting	Online
51	17-06-2022	KVK review meeting	Meeting	KVK, Waghai
52	29 & 30-06-2022	Food for thought: Applied Statistics and its implication	Seminar	NAU Campus, Navsari
53	02-06-2022	National biannual conferance of KVK 2022	Conferance	Solan, Himachal pradesh
54	04-06-2022	Advance estimate meeting	Meeting	Online
55	16-06-2022	DDO meeting	Meeting	Central examination

Sr. No	Date	Title	Type	Place
				hall, NAU, Navsari
56	24 & 25-06-2022	National Seminar-2022 on “Synergetic Extension Approaches for Livelihood Improvement and Agricultural Development”	Seminar	JAU. Junagadh
57	28-06-2022	Natural farming meeting	Meeting	Collector office, Ahwa
58	12-07-2022	KVK review meeting	Meeting	KVK, Waghai
59	16-07-2022	KVK review meeting	Meeting	KVK, Waghai
60	7,8 & 9-07-2022	Annual Zonal workshop of KVKs	Workshop	Anand Agriculture University, Anand
61	26-07-2022	Bimonthly KVK review meeting	Meeting	ATIC, NAU, Navsari
62	26-07-2022	Bimonthly KVK review meeting	Meeting	ATIC, NAU, Navsari
63	25-08-2022	KVK review meeting	Meeting	KVK, Waghai
64	1-08-2022 to 21-08-2022	Entrepreneurship orientation program on medicinal and aromatic plants-V (EOPMAP-V)	Training	Online
65	06-08-2022	Training of flag hoisting	Meeting	Gym, NAU, Navsari
66	13-08-2022	Consultation meet on Emerging challenge in plant protection of major kharif crop	Meeting	Online
67	10-10-2022	CWWG committee Meeting	Meeting	Online
68	2-9-2022	PFMS antargat separate bank A/c kholava babat for DAMU project	Meeting	VC conference hall, NAU, Navsari
69	13-9-2022	Dakshin gujrat ma nagli pakni takniko, mukyavardhan ane nikasni sambhavna	Training	Waghai
70	15 to 17-09-2022	Capacity building on new technologies for technical staff of KVKs	Workshop	NAU, Navsari
71	9-9-2022	Meeting for Assembly election 2022	Meeting	Ahwa
72	22-9-2022	Meeting for Assembly election 2022	Meeting	Ahwa


Sr. No	Date	Title	Type	Place
73	30-9-2022	Innovations in using Information and communication technologies in Agriculture by ATMA	Webinar	online
74	14/09/2022	District Mission Committee meeting	meeting	KVK,waghai
75	15/09/2022 to 17/09/2022	Capacity building on new Emerging Technologies for Technical staff of KVKs	workshop	SSK hall, Navsari
76	13-9-2022	Dakshin gujrat ma nagli pakni takniko, mukyavardhan ane nikasni sambhavna	Training	Waghai
77	30/09/2022	ATMA convergence meeting	meeting	Online
78	09-09-2022	Meeting for Assembly election 2022	Meeting	Ahwa
79	22-09-2022	Meeting for Assembly election 2022	Meeting	Ahwa
80	26-9-2022	Online meeting on Special Campaign 2.0 for disposal of Pending Matters from 2nd October to 31st October, 2022	Online Meeting	Online
81	29-10-2022	Meeting for Assembly election 2022	Meeting	Ahwa
82	07-10-2022	KVK Review meeting	Meeting	KVK Waghai
83	18-10-2022	ZREAC meeting	Meeting	SSK, NAU, Navsari
84	14-10-2022	Crop Wather watch group	Meeting	Online
85	21-10-2022	ગાંઠદાર ચામડીનો રોગનું આર્થિક મહત્વ, ઓળખ, ઉપચાર અને અટકાવ	Webinar	Online
86	01-10-2022	ATMA Convergence meeting	Meeting	ATIC, Navsari
87	01-10-2022	Pre Rabi workshop	Workshop	ATIC, Navsari
88	17 to 19 October 2022	Natural farming, Organic farming and chemical farming in indian agriculture-present scenario and way forward	National conference	Ujjain, MP
89	12-11-2022	Training for Assembly election 2022	Training	Ahwa
90	20-11-2022	Training for Assembly election 2022	Training	Ahwa

Sr. No	Date	Title	Type	Place
91	07-11-2022	KVK Review meeting	Meeting	KVK Waghai
92	28-11-2022	Meeting for Assembly election 2022	Meeting	Ahwa
93	29-11-2022	Meeting for Assembly election 2022	Meeting	Ahwa
94	05-11-2022	Administrative meeting	Meeting	ATIC, Navsari
95	08 to 28-12-2022	Natural farming - Agroecological Approaches under Rainfed Production System	Training (Winter School)	SKN Agriculture University, Jobner, Rajasthan
96	15-16/12/2022	Orientation cum training programme on natural farming	Training	Kurukshetra, Haryana
97	29-12-2022	Formation and promotion of farmer producer organisation	Meeting	Collector office, Ahwa

N. Administration and staff position as on 31-12-2022:

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	

Sr. No.	Sanctioned post	Name of the incumbent	Discipline	Pay Scale (Rs.)	Grade Pay	Date of Joining	Please attach recent photograph
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	
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	-	-	-

Sr. No.	Sanctioned post	Name of the incumbent	Discipline	Pay Scale (Rs.)	Grade Pay	Date of Joining	Please attach recent photograph
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	Popularizing line sowing and high yielding pigeon pea variety	Gadhvi, Divantemrun and Jamlapada	-
2.	Group of Farmers	High yielding Indian bean variety "GNIB 22"	Borpada, Chinchod, Koshmal, Chikar, Dokpatal, Moti-Dabdar, Ambapada, Kakarda, Godadiya, Vankan, Bhongadiya, Kalibel, Uga(Chichpada), Divdiyavan	-
3.	Gangoda Jagrutiben Kiranbhai	Mushroom cultivation a source of additional income and women empowerment for tribals in Dang District	Kosmal	94281 19322
4.	Manjulaben Maheshbhai Gamit	Dairy Farming-A boon for tribal women	Biliaamba	-

5.	Dalubhai Pecheryabhai Gamit	Honey bee production by scientific and technical methods	Nishanna	-
6.	Shri Govindbhai Babajubhai Machhi	Adoption of SRI technic for higher production and profit from paddy cultivation	Uga (Chichpada)	8469307706
7.	Shri. Manubhai Sabalbhai Bhoje	Higher Income through Horticulture in the Dangs District	Vankan	
8.	Budhyabhai Balubhai Pawar	Popularizing cue lure trap for control of fruit fly trap in Bitterguard	Lahandabas	94284 94198
9.	Arjunbhai Maharubhai Gayakwad	Economic Empowerment through Innovative Dairy Business in Dangs district Situation Analysis/Problem Statement	Dokpatal	
10.	Kalpanaben Amrutbhai Gaekwad	Stories of value addition	Nadagkhadi	9429784805

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

Sr. No.	Name	Award name	Given by	Date
1.	Dr. P. P. Javiya	Promotion of natural farming and seed production of cereals Awards	Directorate of Extension Education, NAU, Navsari	15 July 2022
2.	Dr. J. B. Dobariya	Best extension scientist award	Society of Krishi Vigyan	17 October 2022
3.		Pre-eminent scientist international award 2022	Chennai Teacher's council	21 November 2022
4.	Mr. Jayeshbhai Mokashi	Best farmers award	Society of extension education, Gujarat	2022
5.	Mr. Manubhai S. Bhoje	Best ATMA farmers award	ATMA agency	2022

20.3. Budget information 2021-22 (B.H.: 2704-06) (Rs.)

Sr. No.	Particulars	Sanctioned	Expenditure
1.1	Recurring Contingencies		
I	Pay & Allowances	135.89	65,63,027
II	Traveling allowances		34,327
III	Contingencies	8.44	7,99,854
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	144.33	73,97,208
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)	144.33	73,97,208

ANNUAL ACTION PLAN –2023

20.4. Operational villages:

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Ahwa Subir Waghai	Ahwa	Lahandabash Gundiya Sati	Cereals: Paddy, Finger millet, little millet Pulses: Gram, Black gram, Pigeon pea	- Use of traditional varieties - Poor quality of seed	-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	Sajupada Bardipada Dhuldha	Oilseeds: Groundnut, Niger	-Improper use of fertilizers- Lack of awareness about plant protection measures	
	Waghai	Zavada Vankan Chichond Bhadarpada	Vegetables: Okra Fruit crops: Mango, Custard apple Floriculture: Rose and Marigold Others: Tuber crops Animal Husbandry	-Scarcity of fodder - Repeat Breeding and Anoestrus -Less interest in dairy business	

20.4.1. 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	07	04	07	48

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.	Weed management in summer crop	01	10	15	25
2.	Scientific cultivation of Hill millets	01	10	15	25
3.	Sowing method of paddy	01	10	15	25
4.	Scientific cultivation of pigeon pea	01	10	15	25
5.	Pre sowing seed treatment to pulses	01	10	15	25
Horticulture					
6.	Integrated nutrition management in mango	01	15	10	25
7.	Integrated nutrition management in okra	01	15	10	25
8.	Integrated nutrition management in indianbean	01	15	10	25
9.	Basic concept of natural farming	01	15	10	25
10.	Scientific cultivation of chilli.	01	15	10	25
Animal Science					
11.	Selection of milch animals	01	15	10	25
12.	Artificial insemination of cattle	01	15	10	25
13.	Golden tips for ideal animal husbandry	01	15	10	25
14.	Importance of mineral mixture & bypass fat	01	15	10	25
Home Science :					
-	-	-	-	-	-
Plant Protection					
15.	Disease management in Natural farming	01	13	12	25
16.	Low cost Mushroom cultivation	01	13	12	25
17.	Bee keeping	01	13	12	25
18.	Eco-friendly use of Agro chemicals in Agriculture	01	13	12	25
19.	IPDM in Paddy	01	13	12	25

Sr. No.	Title of the training programme	Duration in days	Number of Participants		
			M	F	T
Extension Personnel					
20.	Different scheme of natural farming	04	15	10	25
21.	Importance of mass media in agriculture development	01	15	10	25
22.	Importance of natural farming	01	15	10	25
23.	Eco-friendly use of Agro chemicals in Agriculture	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 mulching	01	15	15	30
2.	Importance of soil fertility and its management	01	15	15	30
3.	Water management in gram	01	15	15	30
4.	Science behind natural farming	01	15	15	30
5.	Preparation of different manure for organic farming	01	15	15	30
Horticulture					
6.	Seedling preparation in plug tray	01	10	15	25
7.	Importance and preparation of jeevamrit	01	15	15	30
8.	Application of natural farming in horticultural crops	01	15	15	30
9.	Natural farming in greater yam	01	15	15	30
10.	Care and management of mango grafts	01	10	15	25
Animal Science					
11.	Cattle grooming, feeding & breeding	01	15	15	30
12.	Importance of Vaccination & deforming	01	15	15	30
13.	Importance of Nutrition management of livestock production	01	15	15	30
14.	Care & management of milch animal in winter season	01	15	15	30
Home Science					

Sr. No.	Title of the training programme	Duration in days	Number of Participants		
			M	F	T
-	-	-	-	-	
Plant Protection					
15.	Stored grain pests and their management	01	15	15	30
16.	Role of bio-agents in insect pests and disease management	01	15	15	30
17.	Rodents and their management	01	15	15	30
18.	Pest and Disease management in Vegetable	01	15	15	30
19.	Pest management in Natural farming	01	15	15	30
20.	Pest and disease of fruits crop & their management				
Extension Personnel					
21.	Drone based precision farming	01	15	15	30
22.	Futuristic ICT-led Agricultural Extension Approaches –Kisan Sarthi	01	15	15	30
23.	Customised weather based agro-advisory – A case of Skymet	01	15	15	30
24.	Government initiatives ICT led Extension	01	15	15	30

ii. Sponsored trainings:

Discipline	Title	No. of courses	Sponsoring Agency
Crop production	Natural farming of <i>kharif</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	Production of Owen seed	Seed production at farmers field	Feb -23	05	10	15	25
Horticulture	Reduction of chemical pesticide and Fungicide, Fertilizer Intrigue the use of botanical pesticide and natural farming	Preparation of jeevamrit, ghanjeevamrit, Brahmastra, nimastra, agnistra	May-23	05	15	10	25
Plant Protection	Skill training	Preparation of neem based pesticides	Sep-23	05	10	15	25
Animal Science	Income generation by imparting skill training	Income generation backyard poultry farming	Nov-23	04	15	10	25

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

Approximatory Date	Clientele	Title of the training programme	Duration	Number of Participants		
				M	F	T
Jul-23	Line department, ATMA, Non-Governmental Organizations (NGOs), Agricultural Consultancies (ACs), Supervisors, Members of SHGs & APMC etc.	Popularization of university research	01	15	10	25
Sep-23		Importance of animal health in profitable animal husbandry	01	15	10	25
Dec-23		Entrepreneurship development in veterinary science and livestock production	02	15	10	25

20.4.2. 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, 2023	5.0	25
2.	Paddy	GR 17	New variety	Seeds, Novel, Bio fertilizer Rs. 500	Kharif, 2023	5.0	25
3.	Finger millet	CFMV 2 (Gira)	New variety	Seeds, Novel, Bio fertilizer Rs. 500	Kharif, 2023	5.0	25
4.	Little millet	GNV 3	New variety	Seeds, Novel, Bio fertilizer Rs. 500	Kharif, 2023	5.0	25
5.	Gram	GJG 3	New variety	Seeds, Novel, Bio fertilizer Rs. 1350	Rabi, 2023- 24	5.0	25
6.	Strawberry	-	Novel & Bio fertilizer	2 lit. Novel & 1 lit. Azo.,PSB and KMB	Rabi, 2023- 24	1.0	10
7.	Okra	Novel & Biofertilizers	Novel 8 Bio fertilizer	Inpus, Rs. 11000(2 lit. Novel & 1 lit. Azo.,PSB and KMB)	Rabi, 2023- 24	2.5	25
8.	Mango	Kesar	Graft	Graft, NOLF & Bio- fertilizer Rs. 30,000/-	kharif 2023	5.0	50
9.	Indian bean	GNIB 22	Seed	Seeds, Novel, Bio fertilizer Rs. 35000	Rabi 2023- 24	2.5	25
10.	Paddy	Beauveria bassiana	IPM	beauveria bassiana, Rs.6000	Kharif, 2023	5.0	25
11.	Finger millet	Pseudomonas	IDM	Pseudomonas Rs. 5000	Kharif, 2023	5.0	25
12.	Mango	Fruit Fly trap	IPM	Fruit Fly trap Rs. 4500	Summer 2023	5.0	25
13.	Bittergourd	Cue lure Trap	IPM	Fruit fly trap, Rs. 5500	Rabi 2023	5.0	25
14.	Cashew nut	Beauveria bassiana	IPM	beauveria bassiana, Rs.6000	Rabi 2023- 24	250 tree	25
				Total		56 ha & 250 tree	360

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/CSV 21 F/GFS6/GFS7	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		

20.4.3. On Farm Testing: (5 ongoing)

Sr. No.	Discipline	Title of the OFT
1.	Crop production	Varietal evaluation of finger millet T ₁ : Farmers Practices (Local varieties) T ₂ : GNN 8 T ₃ : CFMV 2 (Gira)
2.		Varietal evaluation of chickpea T ₁ : Farmer variety (Local Varieties) T ₂ : GG 5 T ₃ : GJG 6
3.	Horticulture	Possibilities of Potato cultivation in The Dangs district (Assessment) T ₁ : Farmers practices (Gram) T ₂ : Potato crop(Kufri Badshah)
4.		Varietal assessment of Indian bean in the Dangs (Assessment) T ₁ : Farmers practices (Katargam) T ₂ : GNIB 21 (2014) T ₃ : GNIB 22 (2017)
5.	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
6.		Assessment of pheromone trap technology for the management of leucinodes orbonails 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)

Sr. No.	Discipline	Title of the OFT
7.	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- 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

20.4.4. 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								
Soil health Camp	1	50	50	100	2	0	2	52	50	102
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	305	6810	4765	11575	122	55	177	6905	4795	11700

20.4.6. 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	0.6	GR 17	Seed	3.0 ton	40,500/-	90,000/-	Kharif
Paddy	1.2	GR 18	Seed	5.0 ton	75,000/-	1,50,000/-	Kharif
Pulses							
Gram	1.5	GJG 6	Seed	2.0 ton	50,000/-	1,50,000/-	Rabi
Green Gram	0.5	GM 6	Seed	0.4 ton	20,000/-	40,000/-	Summer
Fruits							
Mango	0.8	Kesar, Rajapuri, Dashehri, Desi, Alphanso, Vasibadami, Sardar, Totapuri	Fruit	0.8 ton	25,000/- (Organic farming)	70,000/-	Open plantation, High Density plantation (5 x 5 mt) and Ultra High Density plantation (2.5 x 2.5)
Vegetables							

Name of the crop	Area (ha)	Details of production (expected)			Expected Amount (Rs.)		Remarks
		Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Nursery & Leafy Vegetables	1600 m ²	Turmeric/ Tomato/ Chilli/ Other vegetables	Tuber/ Fruit/Other	0.2 ton	5,000/-	Demonstretion unit	Net house
Others (specify)							
Seedling of Tomato, Chilly Brinjal,	-	-	-	-	-	-	-

20.4.7. Details of Budget Estimate (2023) based on proposed action plan

S. No.	Particulars	Proposed BE 2023 (Rs.)
1	Recurring Contingencies	
1.1	Pay & Allowances	1,40,00,000/-
1.2	Traveling allowances	2,50,000/-
1.3	Contingencies	20,00,000/-
<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	1,84,75,000/-
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	2,08,75,000/-

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