ICAR-ATARI, Pune

DETAILS OF ACTION PLAN OF KVKs DURING 2021

(1st January 2021 to 31st December 2021)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address with PIN code	Telephone		E mail	Website address & No. of visitors (hits)
Krishi Vigyan Kendra Navsari Agricultural University Eru Char Rasta Navsari-396 450 Gujarat	Office (02637) 282009	FAX (02637) 282008	kvknavsari@yahoo.com kvknavsari@nau.in	www.nau.in

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

Address	Telephone		E mail	Website address
	Office	FAX		
Directorate of Extension Education, Navsari Agricultural University Eru Char Rasta Navsari-396 450 Gujarat	(02637) 282706	(02637) 282706	dee@nau.in	www.nau.in

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

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. C. K. Timbadia	9825386435	9725006012	cktamreli@yahoo.com

1.4. Year of sanction: 2006

1.5. Staff Position (as on December 31, 2020)

				If Permanent, Please indicate			If Temporary, pl. indicate the consolidated amount paid (Rs./month)
Sl. No.	**Sanctioned post**	**Name of the incumbent**	**Discipline**	**Current Pay scale**	**Basic Pay**	**Date of joining**	
1.	Senior Scientist and Head	Dr. C. K. Timbadia	Ext. Edu.	131400-217100	152300	03.07.06	Permanent
2.	Subject Matter Specialist	Dr. K. A. Shah	Agronomy	68900-205500	70900	06.02.12	Permanent
3.	Subject Matter Specialist	Prof. P. P. Patel	Fisheries	15600-39100	7000	01.02.13	Permanent
4.	Subject Matter Specialist	Dr. P. H. Nayaka	Plan Protection	68900-205500	68800	23.5.13	Permanent
5.	Subject Matter Specialist	Smt.Nital N.Patel	Home Science	57700-182400	68800	02.01.14	Permanent
6.	Subject Matter Specialist	Prof. R.A. Gurjar	Horticulture	57700-182400	68800	08.01.13	Permanent
7.	Subject Matter Specialist	Dr. S. R. Salunkhe	Ext. Edu.	57700-182400	66800	12.08.15	Permanent
8.	Programme Assistant	Pradipbhai G. Rathwa	Agronomy	38090	38090	20.08.20	Fix
9.	Computer Programmer	Mr. C. B. Naik	-	39900-12660	49000	14.08.08	Permanent
10.	Farm Manager	Mr. A. N. Lad	Soil science	39900-12660	44900	20.10.11	Permanent
11.	Accountant/Superintendent	Narendrabhai Maganbhai Patel	Senior clerk	35400-112400	52000	31.3.90	Permanent
12.	Stenographer	Vacant	-	-	-	-	-
13.	Driver 1	Vacant	-	-	-	-	-
14.	Driver 2	Shri H.Z.Chauhan	-	19900-63200	26000	23.8.07	Permanent
15.	Supporting staff 1	Vacant	-	-	-	-	-
16.	Supporting staff 2	Vacant	-	-	-	-	-

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	550 sq.m.
2.	Under Demonstration Units	-
3.	Under Crops	19.45
4.	Horticulture	-
5.	Pond	1.00 ha
6.	Others if any	-

1.7. Infrastructural Development:

A. Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	30-11-08 20-7-10	550 sq.m.	---	-	-	-
2.	Farmers Hostel	ICAR		-		-	-	-
3.	Staff Quarters (6)	ICAR	2012	-	-	-	-	-
4.	Demonstration Units (2)	-	-	-	-	-	-	-
5	Fencing							
6	Rain Water harvesting system	Under RKVY Project constructed (37000 litre capacity)						
7	Threshing floor	ICAR	-	-	1.44			
8	Farm godown	ICAR	-	-	3.88			
9	ICT lab	RKVY	-	-				
10	Other							
	Farm godown	State Plan Scheme	March-14	-	5.00 lakh			
	Farmer’s urinal	State Plan Scheme	March-17	-	5.00 lakh			

	Block Paving	State Plan Scheme	March-17	-	2.00 lakh			
	Seed hub godown	ICAR	March 18		35.00 lakh			
	Fish Pond	State Plan Scheme	March-18	-	2.25 lakh			
	Vehicle Shed	State Plan Scheme	March-18	-	3.80 lakh			
	Road Expansion	State Plan Scheme	March-18	-	4.00 lakh			

B. Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero Jeep	2006	4,50,000/-	254639	Replacement is highly needed
Tractor	2006	4,15,000/-	-	Good
Power tiller with all accessories	2011	1,46,475/-	-	Good
Power tiller trailer	2011	26,500/-	-	Good
Bajaj Discover	2011	49,800/-	66184	Good
Tempo Traveler	--	--	-	Good
Qualis	--	--	362539	Good
Mobile soil testing Van	2008	26,30,000/-	--	Replacement is highly needed
Bolero Jeep	2020	6,86,850		Good

C. Equipments& AV aids

Name of the equipment / Implements	Year of purchase	Cost (Rs.)	Present status
(a) Office equipments			
Under KVK			
Toshiba Xerox machine	2007	60,000/-	Replacement is needed
Printers	2008	21,650/-	Replacement is needed
Summit analytical balance	2011	97,020/-	Good
Precision balance readability	2011	12,128/-	Good
Sonar make Willy grinder	2011	24,236/-	Good
Sonar make laboratory Oven	2011	17,260/-	Good
LG refrigerator	2011	17,295	Good
Laboratory hot plate	2011	15,929/-	Good

Systronics flame photometer	2011	42,525/	Good
Systronics pH system with electrode & temp. prob.	2011	13,800/-	Good
Systronics Conductivity meter	2011	14,800/-	Good
Systronics digital spectrometer	2011	90,100/-	Good
REMI make Rotary shake brusher	2011	50.000/-	Good
Muffle furnace	2011	32,201/-	Good
Photocopier	2017	1,50,000/-	Good
RO water purified (100 li.) with cooler	2017	79,600/-	Good
Nikon copier digital camera (P-900)	2017	29,650/-	Good
Nikon copier digital camera (S-7000)	2017	9,.850/-	Good
Under RKVY project			
Nikon model SLR camera	2009	48,600/-	Replacement is needed
Sony digital camera	2009	19,038/-	Replacement is needed
Sony 45E handy cam	2009	19,991/-	Replacement is needed
Autoclave vertical	2009	89,000/-	Good
B.O.D. incubator	2009	1,35,300/-	Good
Laminar air flow	2009	85,900/-	Good
Sartorius analytical balance	2009	80,000/-	Good
Sartorius top loading balance	2009	21,000/-	Good
REMI make centrifuge	2009	38,800/-	Good
Systronics make flame photometer	2009	41,900/-	Good
Systronics make pH system with electrode	2009	19,100/-	Good
Systronics make conductivity TDS meter	2009	18,900/-	Good
Systronics spectrophotometer	2009	2,90,100/-	Good
Nitrogen distillation unit	2009	2,35,000/-	Replacement is needed
Himedia make colony counter	2009	17,668/-	Good
Himedia make automatic loop sterilizer	2009	12,908/-	Good
MSW-452 “MAC” stone bottle dust cover	2009	44,800/-	Good
Rotary flask shaker	2009	25,800/-	Good
LG A.C.	2009	20,000/-	Good
Automic absorption spectrophotometer	2009	5,75,000/-	Replacement is needed
LG refrigerator (290 lit.)	2009	16,521/-	Replacement is needed
Microscope	2009	9,550/-	Good
Photomicrography	2009	4,500/-	Good
Stereo microscope	2009	4,900/-	Good
Stereo microscope with magnification	2009	4,900/-	Good

R.O. plant (25 LPH) with cooler	2010	38,500/-	Replacement is needed
Generator 15 kva	2010	2,00,000/-	Good
R.O. plant (25 LPH)	2010	15,500/-	Replacement is needed
R.O. plant (25 LPH) with cooler	2010	38,500/-	Replacement is needed
Printer CANON	2010	13,100/-	Replacement is needed
LG A.C. (1.5 ton)	2010	1,05,600/-	Replacement is needed
Milk analyzer	2011	1,50,000/-	Good
Laser printer Canon 3 in 1	2011	13,000/-	Replacement is needed
Weighing scale - 100 kg	2011	7000/-	Replacement is needed
LG refrigerator 548 ysx4	2011	40,947/-	Good
Generator 35 kva	2012	6,06,205/-	Good
(b) Farm Equipments			
Under KVK			
Tractor Trailer	2006	85,000/-	Good
Cultivator (Fixed type)	2006	14,000/-	Good
Submersible pump set	2008	24,474/-	Good
Power Sprayer	2010	23,090/-	Good
Paddy winnower fan	2010	26,500/-	Good
Monoblock electric fan	2011	6,900/-	Good
Multi crop seed cum fertilizer drill	2011	45,000/-	Good
Multi crop thresher	2011	1,40,000/-	Good
Rotavator	2017	85,000/-	Good
Garden tools (cutter)	2017	64,700/-	Good
Under RKVY project			
CHAFF cutter with accessories	2011	2,05,941/-	Good
Feed pellet ting machine	2011	10,51,859/-	Good
Topland Diesel engine	2012	31,900/-	Good
Audio Visual Aids			
Under KVK			
“PROTON Impact 65 T” In built P.A. System with speaker with cordless microphone	2010	17,800/-	Replacement is needed
PROTON Enson EM 310 Boundary mike	2010	4,361/-	Replacement is needed
VIVITEK multimedia DLP projector (No.-2)	2010	99,990/-	Replacement is needed
Lenovo Desk top	2010	50,356/-	Replacement is needed
View sonic multimedia projector	2017	75,050/-	Good
Ahuja portable combo amplifier with accessories	2017	63,402/-	Good
Presentation digital podium	2017	1,49,800/-	Good
Under RKVY project			
Sony multimedia projector	2009	1,30,476/-	Replacement is needed
Motorized screen	2009	24,762/-	Good
Samsung LCD TV	2009	54,783/-	Replacement is needed
Dell Laptop	2009	1,57,520/-	Replacement is needed

dB UHF hand held wireless mic	2009	29,700/-	Replacement is needed
dB UHF Tie pin wireless mic	2009	9,850/-	Replacement is needed
Speech reinforcement sound system with accessories	2009	47,619/-	Replacement is needed
Sony EX50 multimedia projector	2009	62,857/-	Replacement is needed
Data processor Note book (Laptop)	2011	23,000/-	Replacement is highly needed

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

Sl.No.	Date
1. 13th Scientific Advisory Committee	16/12/2020

2. DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
1.	Agri - horticulture system
2.	Agri - horti- silviculture system
3.	Agri - horti- livestock production system
4.	Horti- livestock production system
5.	Horti- livestock - inland aquaculture production system

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

a. Soil type

Sl. No.	Agro-climatic Zone	Characteristics
1	South Gujarat Heavy Rainfall Zone	Rainfall: 2500 mm and more Type of Soil: Deep black with few patches of coastal alluvial, laterite and medium black soils. Soil Characteristics : Most of the area cultivated ,some area non Cultivated under sallow and Past forest Soil fertility: Nitrogen-poor, Phosphorus medium, Potash High.

b. Topography

S. No.	Agro ecological situation	Characteristics
1	AES-I	Undulating, fine textured, shallow to medium depth, high to very high rainfall-rain fed, paddy, hill millet and pulses zone.
2	AES-III	Leveled, fine textured, deep, medium depth, rainfall-partly-irrigated, paddy, pulses, sugarcane, Mango, sapota zone
3	AES-IV	Leveled, fine textured, deep, salt affected, low rainfall, irrigated-paddy, sugarcane-wheat zone

2.3. Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Clay, deep	Moderately drained	Navsari
2	Clay, clay loam, moderately	Moderately to poorly drained, salt	Jalalpore

	deep	affected	
3	Clay, clay loam, deep	Moderately to poorly drained, salt affected	Gandevi
4	Clay, silty clay, shallow, loamy, deep	Well drained, undulating, erosion affected	Chikhli
5	Clay, silty, loamy, shallow	Well drained, moderate to strong undulating, erosion affected	Vansda

2.4. Area, Production and Productivity of major crops cultivated in the district (2019-20)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)
Field crops (Kharif Crops)				
1	Paddy (Irri)	53047	204643.66	38.57
2	Paddy (un irri.)	0	0	0
3	Sorghum	18	27.35	15.19
4	Ragi	0	0	0
5	Green gram	0	0	0
6	Black gram	334	201.97	6.04
7	Pigeon pea	582	576.49	9.90
8	Groundnut	0	0	0
Field crops (Rabi/Summer Crops)				
9	Sugarcane	15720	1130110.8	718.9
10	Rabi Sorghum	211	245.82	11.65
11	Gram	2602	4080.33	15.68
12	Maize	123	309.77	25.18
13	Wheat	91	297.29	32.67
14	Mustard	01	1.93	19.32
Horticultural crops				
Fruit Crops				
15	Mango	33504	294835	88
16	Sapota	8132	101894	125.3
17	Ber	5	42	84
18	Banana	3183	176657	555
19	Guava	2	26	130
20	Papaya	414	26165	632
21	Cashew Nut	340	316	9.29
22	Coconut	599	5062	84.50
Vegetable crops				
23	Onion	92	1601	174.02
24	Brinjal	3070	60356	196.59
25	Cabbage	223	5136	230.31
26	Okra	6617	83970	126.90
27	Tomato	192	4378	228.02
28	Cauliflower	127	2484	195.59
29	Cluster bean	762	7498	98.39
30	Cowpea	892	7154	80.20

31	Cucurbits	10962	191638	174.82
Flower crops				
32	Rose	108	948	87.77
33	Mary gold	744	7343	98.69
34	Spider lily	1354	14244	105.19
Spices and condiments crops				
35	Turmeric	889	19656	221.10
36	Ginger	139	2790	200.71

Source: District agriculture department.

2.5. Weather data (2020-21)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
Jan-20	00.0	29.0	11.6	87	55
Feb-20	00.0	32.5	15.4	83	40
March-20	00.0	33.4	18.2	89	49
April-20	00.0	37.1	23.2	90	54
May-20	00.0	36.2	26.8	84	61
June-20	117.0	33.2	25.6	95	77
July-20	674.0	31.8	25.2	95	86
Aug-20	1265.0	29.5	24.5	98	92
Sep-20	210.0	32.4	24.7	94	78
Oct-20	005.0	34.9	22.5	91	63
Nov-20	0.00	33.6	16.7	80	49
Dec-20	039.0	30.7	14.8	86	59
Total	**2310.0**				

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

Category	Population	Production	Productivity
Cattle			
Crossbred	95594	89230 tones	NA
Indigenous	60725	19630 tones	NA
Buffalo	102142	69620 tones	NA
Sheep	3000	4 metric tones	NA
Goats	87207	3390 tones	NA
Pigs	369	NA	NA
Crossbred	NA	NA	NA
Indigenous	NA	NA	NA
Rabbits	NA	NA	NA
Poultry			
Hens	245300	129.72 lakhs	NA
Desi	189800	447.79 lakhs	NA
Category		Production (Q.)	Productivity
Fish (Reservoir)			
Marine	53 km	17191 MT	-
Inland	412.06 ha	269 MT	652.8 kg/ha
Prawn			
Scampi	735 ha.	65 MT	88.4 kg/ha
Shrimp	845 ha.	796.7 MT	942.8 kg/ha

2.7. Details of Operational area / Villages

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Navsari	Navsari	Posara Vada Kachhol	-Paddy -Sugarcane -Spider lily -Vege. -Mango -Sapota - Animal Husbandry -Fisheries - Food preservation	1. Injudicious use of fertilizer, pesticides and Irrigation water and other inputs 2. Difficulty for timely availability of certified seed and planting materials 3. Less availability of labours at the time major agricultural operations during crop seasons 4. No seed treatment in any crop 5. Heavy infestations of weeds 6. Traditional Management of animals 7. Aquatic weed infested village ponds availability 8. Lack of knowledge & scientific information regarding fish feeds & nutrition	1. Fertilizer, weed and Irrigation water management. 2. Pests and disease management 3. Soil health conservation 4. Integrated farming 5. Seed production 6. Scientific management of livestock 7. Disease management in animals 8. Composite fish culture 9. Water quality management 10. Value addition

Jalalpore	Jalalpore	Dambhar Abrama Bhutsad	-Paddy -Sugarcane -Wheat -Mango -Sapota -Vegetable -Animal Husbandry -Fish culture -House hold food security	1. Frequent flooding of farms during rainy season. 2. Coastal area salinization. 3. Injudicious use of fertilizer, pesticides and Irrigation water 4. Old orchard of mango and sapota 5. Less knowledge about tuber crops. 6. No Crop rotation. 7. Traditional Method of kitchen garden 8. Nutrition deficiency in animals. 9. No deworming in animal 10. Lack of knowledge & scientific information regarding fish feeds and nutrition	1. Orchard management 2. Soil health conservation. 3. IPDM 4. Integrated farming 5. Water Harvesting and storage 6. Cropping system 7. Production technology 8. Feed management in animals 9. Health management in animals 10. Fish nutrition 11. Fish disease management 12. Value addition 13. Kitchen gardening
Gandevi	Gandevi	Undhch Mohanpore Kachholi	-Paddy -Pulses -Mango -Sapota -Sugarcane -Vegetable -Animal Husbandry - Fishing - Drudgery reduction	1. Lack of knowledge of pruning 2. Less availability of labors at the time major agricultural operations during crop seasons. 3. Injudicious use of fertilizer, pesticides and Irrigation water 4. Heavy infestations of weeds. 5. No crop rotation 6. No knowledge on orchard management. 7. Lack knowledge on ornamental crops 5. Mismanagement of calf 8. Lack of knowledge about production of quality animals 9. Lack of skill for conducting fish farming 10. Reduction in quantity of fresh water prawn	1. Soil health conservation 2. Crop diversification 3. Seed Production 4. Nutrient use efficiency 5. Production technology on ornamental crops 6. Pests and disease management 7. Rejuvenation of old orchards 8. Cultivation of fruits 9. Scientific calf rearing 10. Fish culture in village pond 11.Women and child care 12. Methods of prawn culture

Chikhli	Chikhli	Talavchora Degam Agasi	-Paddy -Gram -Green gram -Sugarcane -Mango -Sapota -Tubers -Vegetable -Livestock -Fish	1. Injudicious use of fertilizer & pesticides 2. Lacking in production technology of tuber crops 3. Less availability of labours at the time major agricultural operations during crop seasons 4. Heavy infestations of weeds 5. Severe Snail problem during Kharif season 6. Traditional calf rearing 7. Nutritional deficiency in animals 8. Weed infested shallow village ponds	1. Fertilizer, weed and Irrigation water mgmt. 2. Organic farming 3. Mechanization of agricultural operations 4. Production technology 5. Value addition in tuber crops 6. Seed treatment 7. IPDM 8. Soil health conservation 9. Water harvesting & recharge 10. Scientific calf rearing 11. Quality animal products 12. Fish culture method 13. Agriculture marketing

Vansda	Vansda	Satimal Kukda Kureliya/ kelkutch	-Paddy -Pulses -Mango -Sapota -Pointed gourd -Vegetables Animal Husbandry -Fishery	1. Irrigation shortage during summer season 2. Injudicious use of fertilizer, pesticides. 3. High incidence of pests and diseases in vegetable crops. 4. No knowledge about cropping system 5. Lack knowledge on protective cultivation 6. No availability of seed and seedling materials 7.Taditional methods of rearing animals 8. No deworming in animals 9. No awareness on Fish culture species 10. Weed infested village pond	1. Organic farming. 2. Water Harvesting and storage. 3. Integrated farming 4. Pests and disease management 5. Soil health conservation 6. Crop diversification 7. Disease management in animals 8. Feed management in animal 9. Fish stocking & Fish composition rate 10. Pond water quality management
Khergam	Khergam	Gholar Bahej Chimanpada	-Pointed gouard -Vegetables -Animal Husbandry	1. Fragmented land holding 2. Poor financial status of farmers 3. Low productivity of milk animals	1. Mix farming concept (Agri.+Horti.+livestock)

2.8. Priority thrust areas:

Thrust area	
Soil health conservation	Kitchen gardening
Integrated farming	Seed treatment
Seed production	Fish culture method
Scientific management of livestock	Organic farming
Quality feed management for animal	Crop diversification
Value addition	Feed management in calf
IPDM	Disease management in animals
Cropping system	Fish stocking & fish composition

3. TECHNICAL PROGRAMME

3.1. A. Details of targeted mandatory activities by KVK

OFT		FLD	
(1)		(2)	
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers
6	36	350.9	1948

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
85	2669	486	3950

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (No's)	Soil Samples
(5)	(6)	(7)	(8)
85	13500	7000	400

3.1. B. Operational areas details proposed during 2020

S. No.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (Ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Proposed Intervention (OFT, FLD, Training, extension activity etc.)*
1.	Fish Farming	inefficient utilization of available water resources such as village tanks and khet talavadi and low production per unit area	200 ha.	Aat,Onjal,Matvad,Kothamadi,Pitha,Dandi,Ancheli,Nandarkha, Kamboya, Soldhara, Chijgam, Kanera	FLD and Training
2.	Paddy	Lack of scientific knowledge of seed treatment, use of bio fertilizer and integrated nutrient management, low yield	21400 ha.	Mandir,Hansapore,Mohanpur, Abarama,Chimanpada, Dharampuri, Sara, Kelkuch, Kukda, Gholar,Vedchha, Dambhar, Mogravadi	FLD and Training & Extension activity
3.	Pigeon pea	Lack of scientific knowledge of seed treatment, use of bio fertilizer and land configuration	700 ha.	Mandir,Hansapore,Mohanpur, Abarama,Chimanpada, Dharampuri, Sara, Kelkuch, Kukda, Gholar,Vedchha, Dambhar, Mogravadi	FLD and Training & Extension activity
4.	Chick pea	Lack of scientific knowledge of scientific cultivation & newly released recommended variety	638 ha.	Mandir,Hansapore,Mohanpur, Abarama,Chimanpada, Dharampuri, Sara, Kelkuch, Kukda, Gholar,Vedchha, Dambhar, Mogravadi	FLD and Training & Extension activity
5.	Green gram	Lack of scientific knowledge of scientific cultivation & newly released recommended variety	278 ha.	Mandir,Hansapore,Mohanpur, Abarama,Chimanpada, Dharampuri, Sara, Kelkuch, Kukda, Gholar,Vedchha, Dambhar, Mogravadi	FLD and Training & Extension activity

* Support with problem-cause and interventions diagram

3.2.Technologies to be assessed

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	1	0	0	0	1	1	0	0	0	3
Seed / Plant production	0	0	0	0	0	0	0	0	0	0
Weed Management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	1	0	0	0	1
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Integrated Farming System	0	0	0	0	0	0	0	0	0	0
Mushroom cultivation	0	0	0	0	0	0	0	0	0	0
Drudgery reduction	0	0	0	0	0	0	0	0	0	0
Farm machineries	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	1	0	0	0	0	1
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
Resource conservation technology	0	0	0	0	0	0	0	0	0	0
Small Scale income generating enterprises	0	0	0	0	0	0	0	0	0	0
TOTAL	**1**	**0**	**0**	**0**	**2**	**2**	**0**	**0**	**0**	**5**

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

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Wormi culture	Fisheries	TOTAL
Evaluation of Breeds	0	0	0	0	0	0	0	0
Nutrition Management	0	0	0	0	0	0	0	0
Disease of Management	0	0	0	0	0	0	0	0
Value Addition	0	0	0	0	0	0	0	0
Production and Management	0	0	0	0	0	0	1	1
Feed and Fodder	0	0	0	0	0	0	0	0
Small Scale income generating enterprises	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	**1**	**1**

B. Details of On Farm Trial / Technology Assessment during 2020

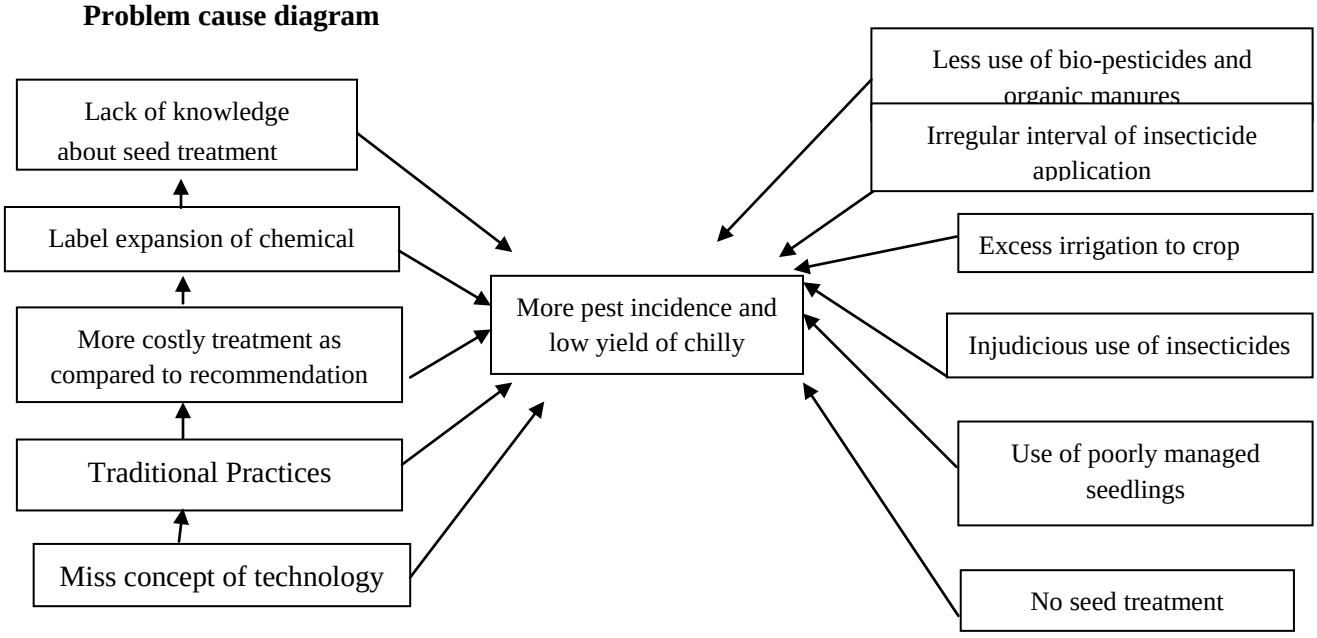
S. No.	Crop / enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology	Name of critical input	Qty per trial	Cost per trial	No. of trials	Total cost for the intervention(Rs.)	Parameters to be studied	Team members
1	Chilly	Leaf curling infestation, low yield	Sucking pest management in chilly	-	Navsari	Spinosad, tricodama, imidacloprid, yellow stickly trap & Blue sticky trap	42 ml,1kg,100 ml,10,10	1800	6	10800	Incidence of sucking pests,predator and parasitoid & yield	Prabhu Nayaka, K.A.Shah,Sumit Salunkhe

OFT-1

Title of OFT	:	Sucking pest management in chilli
Description about the problem	:	Farmers of south Gujarat are not practicing integrating approach in management of chilli thrips and mites. Many farmers preparing seedling without the seed treatment and transplanting without seedling root dip (either bio or chemical) this results heavy loss of chilli yield in farmer's field.
Causes of problem	:	Lack of knowledge of seed treatment and injudicious use of pesticides are the main case of pest resurgence
Treatment	:	T1: Farmers practice (Actual practice) no use of seed treatment and traps for the management of sucking pests.
		T2: seed treatment with imidacloprid 70%ws @ 400-600 g/100 kg seed and foiliar spray propagate in initial stage of spinosad 45% sc @ 64 ml in 200 lit of water. Before transplanting seedling root dip *trichoderma viridae* 5 gm/lit for 30 minutes and use of Blue and yellow sticky traps
		T3 : Propergite 57 EC @ 2.5 ml/lit & water of mites and spinosad 45% EC @ 64 ml/ in 200 lit of water for sucking as well as borer control in chilli.
Methodology	:	The above assessment will be conduct during kharif-2017. Six numbers of farmers will select randomly from adopted villages. The required data will collect and analysis will be done to draw conclusions. The result of OFT will be disseminate to the farmers. All the statistical procedures will follow in OFT
Observation	:	1.Observe and count pests all different places on the field

		2.Observe and count parasitoid and predators
		3. Yield kg/ha
		4.Economics of each treatment

Problem cause diagram

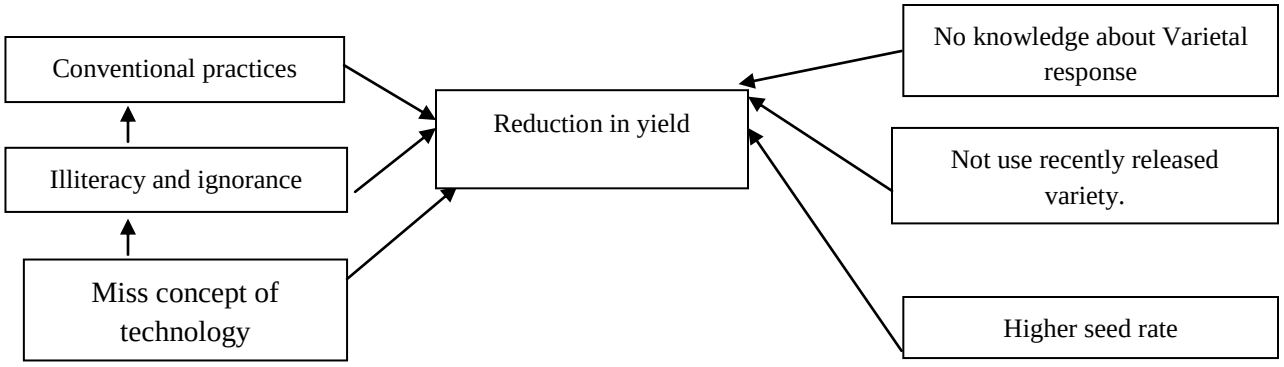


Socio-economic **Bio-physical**

OFT-2

Title of OFT	:	New variety in Brinjal (NSRP 1) (Recommendation year- 2016)
Description about the problem	:	Farmers of south Gujarat are not adopting recommended variety. Generally farmers are sowing old local verities which is susceptible to many diseases and low yielding hence farers get very low yield
Causes of problem	:	Lack of knowledge about recommended/new varieties
Treatments	:	T1 : Farmer's practice
		T2 : NSRP-1 Brinjal it gives 23% more yield rather than GJB-3 and GOB-1 respectively
		T3 : NSRP-1 Brinjal + Novel spray
Methodology	:	The above assessment will be conduct kharif-2017. Six numbers of farmers will select randomly from adopted villages. The required data will collect and analysis will be done to draw conclusions. The result of OFT will be disseminate to the farmers. All the statistical procedures will follow in OFT
Observation	:	1. Height of the plant
		2. Numbers of fruits plant
		3. Yield kg/ha

Problem cause diagram

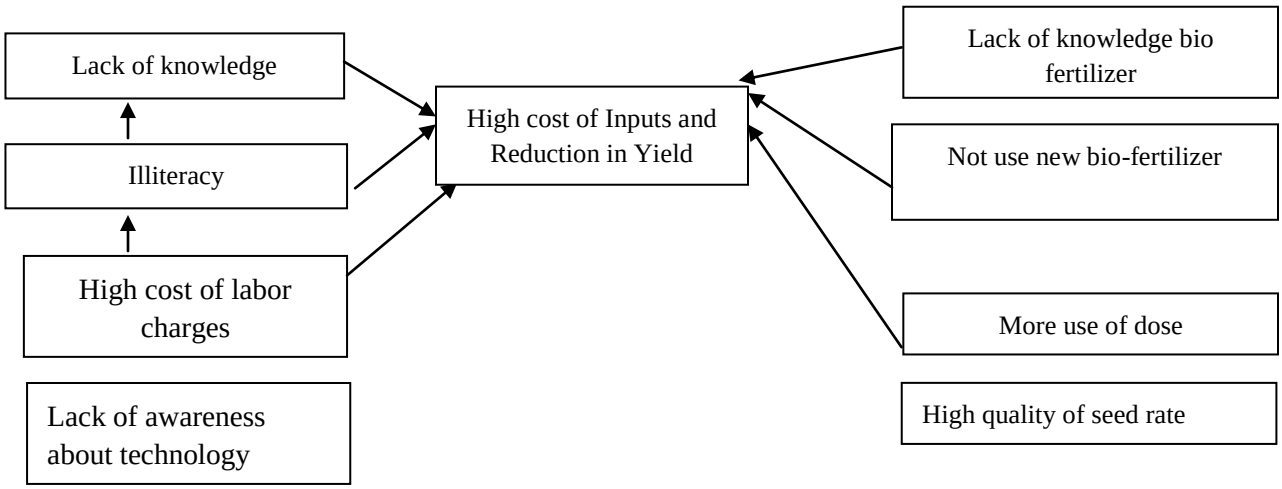


Socio-economic **Bio-physical**

OFT-3

Title Of OFT	Use of Liquid Consortia Npk-1(Kribhco Polyculture) In Sugarcane Crop.
Description About The Problem	Farmers Of South Gujarat Are Not Use Of Polyculter Which Is New Research; Generally Farmers Are Use only Single Culture of Bio Fertilizer Due to that High Cost Of Inputs And Low Production Of Yield.
Cause Of Problem	Lack of Knowledge About The Liquid Consortia Npk-1(Kribhco Polyculture) (Ncof Ghaziabad)
Treatment	T1-Farmers practice
	T2- Sugarcane Bud Setts Treatment In Prepared Solution Of Azotobacter In 10 Ltr Of Water Deep For 30 Minutes And Drenching Of Azotobancter, Psb And Kmb With Normal Irrigation @ 1 Ltr/Acre
	T3 : PSB, Azto, KMB 2 lit/ha at 30 DAS & 90 days soil
Methodology	Above Assessment Conducted During Kharif-2020. With Six Number Of Farmers Will Selected Randomly From Adopted Villages
Observation	1. Height Of Plant
	2.Yield /Acre

Problem cause diagram

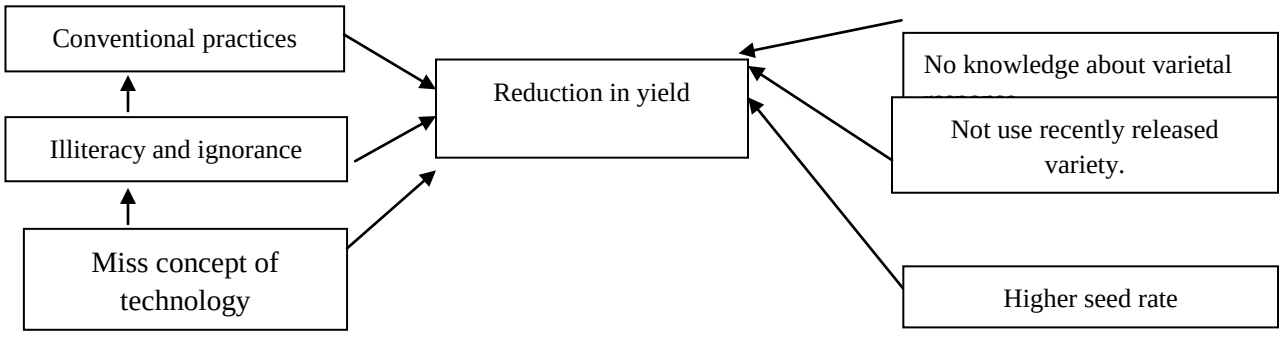


Socio-economic **Bio-physical**

OFT-4

Title of OFT	:	New Variety in hybrid rice GRH-2
Description about the problem	:	Farmers of south Gujarat are not adopting recommended rice GRH-2. Generally farmers are sowing new improve variety rice varieties which are susceptible to many diseases and low yielding hence farmers get very low yield
Causes of problem	:	Lack of knowledge about hybrid rice which are low yielding as compact to hybrid rice
Treatment	:	T1 : Hybrid Rice (Private) Us-312/6444 (Farm)
		T2: GR 3/NAUR-1 yield 5000 kg/ha.
		T3: rice GRH-2 Long cylindrical, 1000 seeding 25 gm yield 6000-6500 kg/ha.
Methodology	:	The above assessment will be conducted during kharif-2020. Six numbers of farmers will be selected randomly from adopted villages. The required data will collect and analysis will be done to draw conclusions. The result of OFT will be disseminate to the farmers. All the statistical procedures will follow in OFT
Observation	:	1. Height of the plant
		2.Numbers of tillers and length of spike
		3. Yield kg/ha

Problem cause diagram

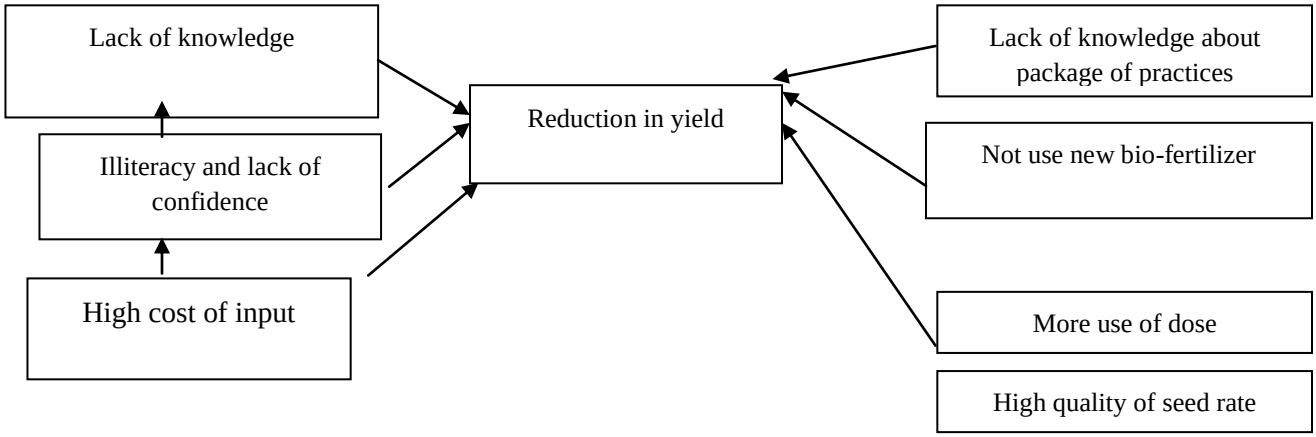


Socio-economic **Bio-physical**

OFT-5

Title Of OFT	Use Of Liquid Consortia Npk-1(Kribhco Polyculture) In Mango Crop.
Description About The Problem	Farmers Of South Gujarat Are Not Use Of Polyculter Which Is New Research, Generally Farmers Are Use Only Single Culture Of Bio Fertilizer Due To That High Cost Of Inputs And Low Production Of Yield.
Cause Of Problem	Lack Of Knowledge About The Liquid Consortia Npk-1(Kribhco Polyculture) (Ncof Ghaziabad)
Treatment	T1-Drenching Of Azotobancter, Psb And Kmb With Normal Irrigation @ 1 Ltr/Acre
	T2- Drenching With Normal Irrigation @ 1 Ltr/Acre (Ncof Ghaziabad)
	T3 - Farmers practices
Methodology	Above Assessment Conducted During Kharif-2020. With Six Number Of Farmers Will Selected Randomly From Adopted Villages
Observation	1.Fruit Weight
	2.TIME OF FLOWERING
	3.YIELD /ACRE

Problem cause diagram

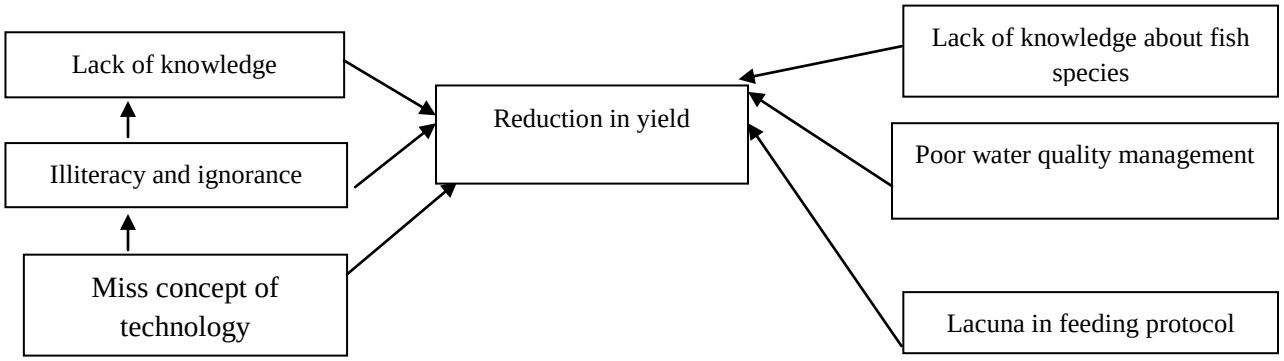


Socio-economic **Bio-physical**

OFT-6

Title of OFT	:	To assess stocking density of pangasius (*Pangasius hypophthalamus*) fish in pond based culture system.
Description about the problem	:	In Navsari district large numbers of village tanks and small ponds are available and people are interested to rear Pangasius fish as it contains less internal spines and easy to make fillet from it. Vietnam is producing this fish in high quantity and exporting fillets to Europe and America. Looking to the Indian local domestic market demand there is an excellent opportunities to earn livelihood and establish entrepreneurship through Pangasius fish value added products such as Fish fingers, fish sticks, fish cutlets, fish samosa and fish Manchurian. But standard protocols of Pangasius farming need to be established as it feeds voraciously on formulated high protein diet. To maintain standard FCR with higher growth rate standard **stocking density** need to be assessed as per climatic condition.
Causes of problem	:	Lack of knowledge about culture system of pangasius fish including Feeding, stocking density and water quality management.
Treatments	:	As many scientists recommended 14-15 numbers/ sq.m stocking density in earthern ponds in West Bengal and other parts of south India. But to assess this stocking density higher stocking density need to be checked as many farmers are practicing high stocking density culture system. The stocking fish seeds will be of 100-110 mm of 20-25 g. So there are four treatments viz. T1-10 numbers, T-2 : 15 numbers, T-3: 20 and T-4: 25 numbers of fish seeds per square meter to evaluate effect of stocking density on fish yield.
Methodology	:	**Fish species**: *Pangasius hypophthalamus* Fish will be stocked in small holding ponds of farmers about 0.05 to 0.1 ha in Navsari district as per above treatments. **Treatments** as above **Feeding** : Fish will be fed with floating feed of 30% protein content formulated specially for Pangasius fish. Initially fish will be fed 4-5 % of their Body weight and subsequently adjusted as per need. Water quality parameters will be observed once in a week and growth in terms of length and weight will be recorded per month. Quantity of feed utilized in each treatment will be recorded.
Observation	:	Fish survival, Fish growth (Length weight), FCR (Food conversion ratio) and Fish yield.

Problem cause diagram



Socio-economic **Bio-physical**

3.3. Frontline Demonstrations

A. Details of FLDs to be organized -

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs with cost (Rs.)	Season and year	Area (ha)	No. of farmers/ demon.	Parameters identified
1	-	-	Natural resource conservation technology	Solar energy conservation Solar cooker	45000	Rabi-21	25	25	Fuel saving per year
2	Paddy	Available	IPDM	Introduction of IPDM technologies	Pheromone trap, Trichoderma, neem based biopesticide	Kharif-19	10	20	Improved package of practice
3	Pigeon pea	Vaishali	Use of bio pesticides	Use of biopesticide in pest & disease management	B.T., biopesticide, Profenofos, DDVP	Kharif-19	5	10	Introduction of new variety
4	Mango	Available	Fruit fly control	Use of nauroji trap	Nauroji trap	Rabi-20	5	20	Popularized canopy management
5	Little guard	GNLG-1	New Variety	Introduction of new variety	30,000	Kharif-21	4	10	Improved package of practice
6	Pointed guard	GNPG-1	New Variety	Introduction of new variety	15,000	Kharif-21	4	10	Improved package of practice

7	Mango	Sonpari	New Variety	Introduction of new variety	50,000	Kharif-21	20	100	Improved package of practice
8	Suran	Gajendra	New Variety	Introduction of new variety	20,000	Kharif-21	1	8	Improved package of practice
9	Mango	Available	Nutrient management	Novel	48,000	Rabi-21	20	100	Improved package of practice
10	Sapota	Available	Nutrient management	Novel	48,000	Rabi-21	20	100	Improved package of practice
11	Drum stick	PKM-1	New Variety	Plant	1400	Kharif	5	100	Improved package of practice
12	Dragon fruit	Red	New Variety	Plant	2500	Kharif	0.4	50	Improved package of practice
13	Kitchen garden	Available	Residue free vegetable		80000		1	400	Improved package of practice
14	Mango	Bio fertilizer	Available	PSB, KMB, Azto.	75,000	Kharif-21	50	125	Improved package of practice
15	Sapota	Bio fertilizer	Available	PSB, KMB, Azto.	75,000	Kharif-21	50	125	Improved package of practice
16	Fresh water fish farming	Catla, Rohu, Mrigal, Exotic carp	Inland Fisheries	Stocking density & species ratio	Fish fingerling/ yearlings (2,00,000)	Kharif-21	15	150	Fish growth, Survival and production per unit area
17	Fresh water fish farming	Catla, Rohu, Mrigal, Exotic carp	Inland Fisheries	Feeding methods &nutritional management	Fish feed, DORB, GNOC etc., (6,00,000)	Kharif-21	20	200	Fish growth, Survival and production per unit area
18	Fresh water fish farming	*Pungasius*	Inland Fisheries	High stocking density through cage farming in carp pond	Fish seed, fish feed, net cages and netting material (1,50,000)	Kharif-21	5 cages	10	Fish growth, Survival and production per unit area
19	Fresh water fish farming	*Pungasius*	Inland Fisheries	High stocking density in pond	*Pungasius fish seed and feed (40,000)*	Kharif	0.5	10	Fish production per unit area

20	Paddy	GNR-3	INM	Varity + seed treatment with bio fertilizer	22000	Kharif	10	50	Introduction of new variety
21	Paddy	GNR-7	INM	Varity + seed treatment with bio fertilizer	22000	Kharif	10	50	Introduction of new variety
22	Paddy	GNR-17	INM	Varity + seed treatment with bio fertilizer	11000	Kharif	5	25	Introduction of new variety
23	Paddy	GNR-6	INM	Varity + seed treatment with bio fertilizer	11000	Kharif	5	25	Introduction of new variety
24	Paddy	GNR-5	INM	Varity + seed treatment with bio fertilizer	11000	Kharif	5	25	Introduction of new variety
25	Pigeonpea	GT-104	ICM	Varity + seed treatment with bio fertilizer	25000	Kharif	10	50	Introduction of new variety
26	Chichpea	GG-5	ICM	Varity + seed treatment with bio fertilizer	50000	Rabi	10	50	INM and Increase in yield
27	Greengram	GM-6	ICM	Varity + seed treatment with bio fertilizer	75000	Summer	10	50	INM and Increase in yield
28	Sugarcane	Sugarcan	Intercrop	Variety	15000	Rabi	5	25	Intercropping
29							**325.9**	**1923**	

Sponsored Demonstration

Crop	Area (ha)	No. of farmers
As per fund available in university		

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	5	As per requirement	50
2	Farmers Training	5	As per requirement	50
3	Media coverage	5	As per requirement	-
4	Training for extension functionaries	2	As per requirement	50

C. Details of FLD on Enterprises

a. Farm Implements

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators
Twin wheel hoe (Drudgery reduction)	Pulse crop	Rabi-21	25	25	45000 Twin wheel hoe	Labour saving per ha.

b. Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Critical inputs	Performance parameters / indicators
NIL					

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

A. ON Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	1	0	0	0	10	15	25	25
Resource Conservation Technologies	1	20	10	30	0	0	0	30
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	1	0	0	0	20	10	30	30
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0
Seed production	1	10	15	25	0	0	0	25
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	1	10	15	25	0	0	0	25
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	1	20	5	25	0	0	0	25
	6	**60**	**45**	**105**	**30**	**25**	**55**	**160**
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	1	20	5	25	0	0	0	25
Nursery raising	0	0	0	0	0	0	0	0
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0
b) Fruits								
Training and Pruning	1	20	5	25	0	0	0	25
Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	25	0	25	0	0	0	25
Management of young plants/orchards	1	0	0	0	25	0	25	25
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0
c) Ornamental Plants								
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
d) Plantation crops								
Production and Management technology	0	0	0	0	0	0	0	0

Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
f) Spices								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
	4	**65**	**10**	**75**	**25**	**0**	**25**	**100**
III Soil Health and Fertility Management								
Soil fertility management	1	10	25	35	0	0	0	35
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	1	20	10	30	0	0	0	30
Production and use of organic inputs	1	0	0	0	20	5	25	25
Management of Problematic soils	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	1	0	0	0	10	20	30	30
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0
	4	**30**	**35**	**65**	**30**	**25**	**55**	**120**
IV Livestock Production and Management								
Dairy Management	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0
Feed management	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0
	0	**0**	**0**	**0**	**0**	**0**	**0**	**0**
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	1	0	25	25	0	0	0	25
Design and development of low/minimum cost diet	1	0	25	25	0	0	0	25
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	1	0	0	0	0	25	25	25
Storage loss minimization techniques	0	0	0	0	0	0	0	0
Value addition	1	0	25	25	0	0	0	25
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0

Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	1	0	10	10	0	15	15	25
	5	**0**	**85**	**85**	**0**	**40**	**40**	**125**
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
	0	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection								
Integrated Pest Management	2	35	15	50	40	10	50	100
Integrated Disease Management	2	40	10	50	50	0	50	100
Bio-control of pests and diseases	1	15	35	50	0	0	0	50
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
	5	**90**	**60**	**150**	**90**	**10**	**100**	**250**
VIII Fisheries								
Integrated fish farming	1	20	5	25	0	0	0	25
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0
Composite fish culture	1	20	5	25	0	0	0	25
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	1	20	10	30	0	0	0	30
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Fish processing and value addition	1	20	5	25	0	0	0	25
	4	**80**	**25**	**105**	**0**	**0**	**0**	**105**
IX Production of Inputs at site								
Seed Production	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0

Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
	0	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics								
Leadership development	2	20	5	25	20	5	25	50
Group dynamics	1	0	0	0	20	5	25	25
Formation and Management of SHGs	1	20	5	25	0	0	0	25
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	1	0	0	0	20	5	25	25
WTO and IPR issues	0	0	0	0	0	0	0	0
	5	**40**	**10**	**50**	**60**	**15**	**75**	**125**
XI Agro-forestry								
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
	0	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XII Others (Pl. Specify)								
TOTAL	**33**	**365**	**270**	**635**	**235**	**115**	**350**	**985**
(B) RURAL YOUTH								
Mushroom Production	3	30	28	58	6	0	6	64
Bee-keeping	0	0	0	0	0	0	0	0
Integrated farming	1	35	15	50	0	0	0	50
Seed production	0	0	0	0	0	0	0	0
Production of organic inputs	3	40	30	70	20	5	25	95
Integrated Farming (Medicinal)	0	0	0	0	0	0	0	0
Planting material production	1	0	0	0	25	15	40	40
Vermi composting & composting	1	20	5	25	0	0	0	25
Kitchen Gardening	1	25	0	25	0	0	0	25
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0
Leadership development	1	20	0	20	0	0	0	20
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0
Value addition	1	0	25	25	0	0	0	25
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0

Composite fish culture	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0
Shrimp farming	1	25	5	30	0	0	0	30
Pearl culture	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
TOTAL	**13**	**195**	**108**	**303**	**51**	**20**	**71**	**374**
(C) Extension Personnel								
Productivity enhancement in field crops	0	0	0	0	0	0	0	0
Integrated Pest Management	2	30	20	50	30	20	50	100
Integrated Nutrient management	1	0	0	0	20	10	30	30
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Kitchen garden	1	20	10	30	0	0	0	30
Protected cultivation technology	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0
Capacity building for ICT application	1	20	5	25	0	0	0	25
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0
Women and Child care	1	0	30	30	0	0	0	30
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	1	0	0	0	30	20	50	50
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Any other (Pl. Specify)	0	0	0	0	0	0	0	0
TOTAL	**7**	**70**	**65**	**135**	**80**	**50**	**130**	**265**
G. Total	**53**	**630**	**443**	**1073**	**366**	**185**	**551**	**1624**

B. OFF Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	1	20	5	25	0	0	0	25
Resource Conservation Technologies	1	0	0	0	10	20	30	30
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	1	10	20	30	0	0	0	30
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0
Seed production	1	10	15	25	0	0	0	25
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	1	20	10	30	0	0	0	30
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	1	0	0	0	20	15	35	35
	6	**60**	**50**	**110**	**30**	**35**	**65**	**175**
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	1	0	0	0	20	5	25	25
Nursery raising	1	25	0	25	0	0	0	25
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0
b) Fruits								
Training and Pruning	1	20	5	25	0	0	0	25
Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0
c) Ornamental Plants								
Nursery Management	1	20	5	25	0	0	0	25
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0

Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
d) Plantation crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
f) Spices								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
	4	**65**	**10**	**75**	**20**	**5**	**25**	**100**
III Soil Health and Fertility Management								
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	1	20	10	30	0	0	0	30
Integrated Nutrient Management	1	0	0	0	20	2	25	25
Production and use of organic inputs	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0
	2	**20**	**10**	**30**	**20**	**2**	**25**	**55**
IV Livestock Production and Management								
Dairy Management	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management /goat	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0
Feed management	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	1	0	0	0	0	25	25	25
Design and development of low/minimum cost diet	1	0	25	25	0	0	0	25

Designing and development for high nutrient efficiency diet	1	0	0	0	0	25	25	25
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0
Value addition	1	0	25	25	0	0	0	25
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	1	0	0	0	0	25	25	25
	5	**0**	**50**	**50**	**0**	**75**	**75**	**125**
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
VII Plant Protection								
Integrated Pest Management	2	20	6	26	42	53	95	121
Integrated Disease Management	2	10	52	62	11	16	27	89
Bio-control of pests and diseases	1	35	5	40	0	0	0	40
Production of bio control agents and bio pesticides	1	0	0	0	50	50	100	100
	6	**65**	**63**	**128**	**103**	**119**	**222**	**350**
VIII Fisheries								
Integrated fish farming	1	20	15	35	0	0	0	35
Carp breeding and hatchery management	1	20	5	25	0	0	0	25
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0
Composite fish culture	1	0	0	0	20	5	25	25
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	1	20	10	30	0	0	0	30
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0

Fish processing and value addition	0	0	0	0	0	0	0	0
	4	**60**	**30**	**90**	**20**	**5**	**25**	**115**
IX Production of Inputs at site								
Seed Production	0	0	0	0	0	0	0	0
Planting material production (Horti.)	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production (Horti.)	0	0	0	0	0	0	0	0
Organic manures production (A.S.)	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
	0	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics								
Leadership development	2	20	5	25	20	5	25	50
Group dynamics	1	0	0	0	20	5	25	25
Formation and Management of SHGs(HS)	1	20	5	25	0	0	0	25
Mobilization of social capital	1	20	5	25	0	0	0	25
Entrepreneurial development of farmers/youths (Agro.)	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
	5	**60**	**15**	**75**	**40**	**10**	**50**	**125**
XI Agro-forestry								
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems (Agro)	0	0	0	0	0	0	0	0
XII Others (Pl. Specify)	0	0	0	0	0	0	0	0
TOTAL	**31**	**330**	**228**	**558**	**233**	**226**	**462**	**1020**

C. Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	2	20	5	25	10	15	25	50
Resource Conservation Technologies	2	20	10	30	10	20	30	60
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	2	10	20	30	20	10	30	60
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0
Seed production	2	20	30	50	0	0	0	50
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	2	30	25	55	0	0	0	55
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	2	20	5	25	20	15	35	60
	12	**120**	**95**	**215**	**60**	**60**	**120**	**335**
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	2	20	5	25	20	5	25	50
Nursery raising	1	25	0	25	0	0	0	25
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0
b) Fruits	0	0	0	0	0	0	0	0
Training and Pruning	2	40	10	50	0	0	0	50
Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	25	0	25	0	0	0	25
Management of young plants/orchards	1	0	0	0	25	0	25	25
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0
c) Ornamental Plants	0	0	0	0	0	0	0	0
Nursery Management	1	20	5	25	0	0	0	25
Management of potted plants	0	0	0	0	0	0	0	0

Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
d) Plantation crops	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
e) Tuber crops	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
	8	**130**	**20**	**150**	**45**	**5**	**50**	**200**
III Soil Health and Fertility Management								
Soil fertility management	1	10	25	35	0	0	0	35
Soil and Water Conservation	1	20	10	30	0	0	0	30
Integrated Nutrient Management	2	20	10	30	20	2	25	55
Production and use of organic inputs	1	0	0	0	20	5	25	25
Management of Problematic soils	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	1	0	0	0	10	20	30	30
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0
	6	**50**	**45**	**95**	**50**	**27**	**77**	**172**
IV Livestock Production and Management								
Dairy Management	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0
Feed management	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
V Home Science/Women empowerment								

Household food security by kitchen gardening and nutrition gardening	2	0	25	25	0	25	25	50
Design and development of low/minimum cost diet	2	0	50	50	0	0	0	50
Designing and development for high nutrient efficiency diet	1	0	0	0	0	25	25	25
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	1	0	0	0	0	25	25	25
Storage loss minimization techniques	0	0	0	0	0	0	0	0
Value addition	2	0	50	50	0	0	0	50
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	2	0	10	10	0	40	40	50
	10	**0**	**135**	**135**	**0**	**115**	**115**	**250**
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
VII Plant Protection								
Integrated Pest Management	4	55	21	76	82	63	145	221
Integrated Disease Management	4	50	62	112	61	16	77	189
Bio-control of pests and diseases	2	50	40	90	0	0	0	90
Production of bio control agents and bio pesticides	1	0	0	0	50	50	100	100
	11	**155**	**123**	**278**	**193**	**129**	**322**	**600**
VIII Fisheries								
Integrated fish farming	2	40	20	60	0	0	0	60
Carp breeding and hatchery management	1	20	5	25	0	0	0	25
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0
Composite fish culture	2	20	5	25	20	5	25	50
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0

Portable plastic carp hatchery	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0
Shrimp farming	2	40	20	60	0	0	0	60
Edible oyster farming	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0
Fish processing and value addition	1	20	5	25	0	0	0	25
	8	**140**	**55**	**195**	**20**	**5**	**25**	**220**
IX Production of Inputs at site								
Seed Production	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
X Capacity Building and Group Dynamics								
Leadership development	4	40	10	50	40	10	50	100
Group dynamics	2	0	0	0	40	10	50	50
Formation and Management of SHGs	2	40	10	50	0	0	0	50
Mobilization of social capital	1	20	5	25	0	0	0	25
Entrepreneurial development of farmers/youths	1	0	0	0	20	5	25	25
WTO and IPR issues	0	0	0	0	0	0	0	0
	10	**100**	**25**	**125**	**100**	**25**	**125**	**250**
XI Agro-forestry								
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
Sponsored training	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
TOTAL	**65**	**695**	**498**	**1193**	**468**	**366**	**834**	**2027**

(B) RURAL YOUTH								
Mushroom Production	3	30	28	58	6	0	6	64
Bee-keeping	0	0	0	0	0	0	0	0
Integrated farming	1	35	15	50	0	0	0	50
Seed production	0	0	0	0	0	0	0	0
Production of organic inputs	3	40	30	70	20	5	25	95
Integrated Farming (Medicinal)	0	0	0	0	0	0	0	0
Planting material production	1	0	0	0	25	15	40	40
Vermi composting & composting	1	20	5	25	0	0	0	25
Kitchen Gardening	1	25	0	25	0	0	0	25
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0
Leadership development	1	20	0	20	0	0	0	20
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0
Value addition	1	0	25	25	0	0	0	25
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0
Shrimp farming	1	25	5	30	0	0	0	30
Pearl culture	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
TOTAL	**13**	**195**	**108**	**303**	**51**	**20**	**71**	**374**
(C) Extension Personnel								
Productivity enhancement in field crops	0	0	0	0	0	0	0	0
Integrated Pest Management	2	30	20	50	30	20	50	100
Integrated Nutrient management	1	0	0	0	20	10	30	30
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Kitchen garden	1	20	10	30	0	0	0	30
Protected cultivation technology	0	0	0	0	0	0	0	0

Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0
Capacity building for ICT application	1	20	5	25	0	0	0	25
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0
Women and Child care	1	0	30	30	0	0	0	30
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	1	0	0	0	30	20	50	50
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Any other (Pl. Specify)	0	0	0	0	0	0	0	0
TOTAL	**7**	**70**	**65**	**135**	**80**	**50**	**130**	**265**
G. TOTAL	**85**	**960**	**671**	**1631**	**599**	**436**	**1038**	**2669**

Details of training programmes attached in **Annexure -I**

3.5. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	6	240	190	430	5	3	8	215	133	348
Kisan Mela	2	160	90	250	5	2	7	95	152	247
Kisan Ghosthi	4	275	195	470	8	3	11	260	203	463
Exhibition	3	0	0	0	5	2	7	300	277	577
Film Show	25	0	0	0	6	2	8	356	152	508
Farmers Seminar	2	0	0	0	3	2	5	153	114	267
Workshop	6	0	0	0	2	1	3	242	191	433
Group meetings	4	125	100	225	3	1	4	163	91	254
Lectures delivered as resource persons	9	100	50	150	4	1	5	279	196	475
Newspaper coverage	10	50	40	90	0	0	0	0	0	0
Radio talks	4	200	200	400	3	1	4	3	1	4
TV talks	4	60	45	105	3	1	4	3	1	4
Popular articles	10	50	30	80	0	0	0	0	0	0
Extension Literature	12	30	30	60	5	1	6	130	101	231
Advisory Services	150	60	20	80	6	2	8	106	52	158

Scientific visit to farmers field	60			0	5	1	6	55	41	96
Farmers visit to KVK	150			0	5	2	7	205	202	407
Diagnostic visits	40	100	50	150	4	1	5	64	46	110
Exposure visits	2	100	25	125	5	2	7	55	32	87
Ex-trainees Sammelan	1	-	40	40	3	3	6	33	33	66
Soil health Camp	1	-	40	40	3	1	4	63	21	84
Animal Health Camp	-	450	350	800			0	0	0	0
Agri mobile clinic	-	100	100	200			0	0	0	0
Soil test campaigns	5	0	0	0	4	1	5	104	51	155
Farm Science Club Conveners meet	3	30	20	50	2	1	3	102	26	128
Self Help Group Conveners meetings	2	30	20	50		2	2	0	42	42
Mahila Mandals Conveners meetings	2	20	20	40		2	2	0	42	42
Celebration of important days (specify)	7	-	-	0	8	3	11	458	353	811
Krishi Mohostva	1	240	190	430	6	2	8	106	102	208
Krishi Rath	-	160	90	250	0	0	0	0	0	0
Pre Kharif workshop	1	275	195	470	3	1	4	33	21	54
Pre Rabi workshop	1	0	0	0	5	1	6	35	21	56
PPVFRA workshop	1	0	0	0	4	1	5	24	21	45
Any Other (Specify)	-	0	0	0	-	-	0	0	0	0
Total	**486**	**2180**	**1655**	**3835**	**83**	**32**	**115**	**2263**	**1687**	**3950**

3.6. Target for Production and supply of Technological products

SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
CEREALS	Paddy	GNR-3	70
		GR-15/GR-17	15

OTHERS (Specify)			
Fish seed	Fish seed	IMC fish seeds fingerlings and yearlings	7000 nos

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS			
SPICES			
VEGETABLES	Tomato	S-22	2500
	Brinjal	Surati ravaiya	5000
	Chiily	CV-111	2000
	Cabbage	-	2000
	Cauliflower	-	2000
FOREST SPECIES			
ORNAMENTAL CROPS			
		Total	**13500**

Bio-products

Sl. No.	Product Name	Species	Quantity	
			No	**(kg)**
BIO PESTICIDES				
Vermi Compost/Compost	-	-	-	4000

LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			(Nos)	**Unit**
Cattle				
GOAT				
SHEEP				
POULTRY				
Pig farming				
FISHERIES	Fresh water fish	Indian major carps (Catla, Rohu, Mrigal) and Grass carp	2000 kg	0.3 ha

4. Literature to be Developed/Published

A. Literature developed/published

S.No.	Topic	Number
1	Research paper each scientist	6
2	Technical reports	4
3	News letters	-
4	Training manual all discipline	-
5	Popular article	9
6	Extension literature	4
	Total	**23**

B. Details of Electronic Media to be produced

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

C. Details of social media platforms to be started / continued

S. No.	Type of social media platform	Title / Purpose	Number
1	YouTube Channel	-	-
2	Facebook page	KVK, Navsari	1
3	Mobile Apps	Kisan Mitra	1
4	WhatsApp groups	PKVY ,Organic Farming, Farm Leader	3
5	Twitter Account	KVK, Navsari	1
6	Any other (Pl. Specify)	-	-

D.Success stories/Case studies identified for development as a case (Based on previous years success)

S. No.	Title of success story / case study identified	Proposed month for case/story to be prepared/ developed
1	High yield bio fortified variety of paddy GR-15	December-21
2	High yield YVM resistant variety- Greengram-GM-5	June-21
3	High yielding chickpea varety	April-21

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

A. Practicing Farmers

a) Field visit/diagnostic visit and observation

b) Group discussion

c) Feedback from farmers

B. Rural Youth

a) PRA

b) Field visit

C. In-service personnel

a) Feed back

b) Group discussion

5.2. Indicate the methodology for identifying OFTs/FLDs

For OFT:

i) Field level observations

ii) Farmer group discussions

For FLD:

i) New variety/technology

ii) Poor yield at farmers level

iii) Existing cropping system

5.3. Field activities

i. Name of villages identified/adopted with block name (from which year) -New adopted villages will be selected during SAC meeting

ii. No. of farm families selected per village : 130

iii. No. of survey/PRA conducted : 15

iv. No. of technologies taken to the adopted villages 30

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

- Eco-friendly management of pest
- Need based insecticide application
- Introduction of bio-pesticide
- Use of Methyl eugenol trap to control fruit fly
- fish seed stocking density and species ration in village tanks
- Composite fish culture in village tank
- Importance of variety , use of bio fertilizer and land configuration
- High yielding variety and balance use of fertilizer
- High yielding variety and balance use of fertilizer
- Recommended spacing & seed rate and recommended dose of fertilizer
- System Rice Intensification
- Introduction of new variety
- Use of Pre emergence herbicide
- Spraying of CaNo3 & Boron at 50% flowering
- Spray novel liquid fertilizer
- Popularized canopy management
- Introduction of Scientific- Economic- Nutritional kitchen garden

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

Specific technology/skill transferred	No. of beneficiaries	Per cent knowledge
Popularize new variety of paddy-NAUR 1 and GNR-3	3080	92
Introduced new crop-Sweet corn	2115	72
Green manuring	2935	69
New variety of Green gram- Meha	1193	76
INM in paddy	2654	38
Adoption of new tur variety	2356	68
Replacement of paddy through vegetables	1334	48
Use of bio fertilizer in sapota	2740	64
Use of chemical to improve fruit setting.	300	87
INM in vegetables	1089	69
Off Season vegetable Cultivation	991	34
Kitchen gardening	3000	100
Control of fruit fly in mango	4013	90
Awareness regarding pesticide	3628	48

Horizontal spread of technologies

Crop	Technologies	No. of village	No. of farmers	Area in ha.
Paddy	Introduction of New variety	156	6500	2600
	SRI	42	350	140
Sweet-corn	Crop diversification	70	3050	1220
Pigeon pea	New variety	129	3500	1400
Green gram	New variety	105	2815	844
Sugar cane	New variety	217	5400	3400
	Set treatment	155	3930	1572
Indian bean	New variety	29	205	41
Mango	Fruit fly control	175	7560	3024
	Cano$_3$f Boron	37	1180	482
	Paclo butrazole	76	1980	792
Sapota	INM	32	4120	1650
Okra	Off Season cultivation	78	1250	500
Elephant foot yam	New variety	18	160	64
Vegetable	INM	32	753	301
Brinjal/ Okra	IPDM/ Yellow sticky trap	68	1400	280
Kitchen garden	Nutritional	160	5000	50
Fisheries	Inland aquaculture	40	378	36

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

- **Activities of Soil and Water Testing Laboratory**

  Status of establishment of Lab: Yes

1. **Year of establishment : 2010**

2. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	250	250	52	-
Water	150	150	52	-
Plant	-	-	-	-
Total	**400**	**400**	**52**	**-**

6. LINKAGES

6.1. Functional linkage with different organizations

Sl. No.	Name of organization	Nature of Linkage
1	NAU, Navsari	Provides administrative and technical support
2	Kishan Sang, Navsari	Collaborative extension programmes
3	Co operative society of Gandevi Taluka	Seed production
4	Department of Animal Husbandry, Navsari	Collaborative training, extension programmes
5	Bank of Baroda	Collaborative training, extension programmes
6	JCB, Mumbai	Collaborative training programmes
7	Department of Agriculture, Navsari	Organizing Khedut Shibir
8	Department of Forestry, Navsari	Collaborative training, extension programmes
9	Department of Horticulture, Navsari	Collaborative training programmes on Agro-Forestry
10	Department of Fisheries, Navsari	Collaborative extension programmes
11	Central ware house corporation, Ahmadabad	Collaborative training, extension programmes
12	Veterinary College of Navsari	Collaborative training, extension programmes
13	State Bank of India	Collaborative training, extension programmes
14	Cohesion foundation Navsari, NABARD	Collaborative extension programmes
15	ATMA, Tapi, Valsad, Surat, Navsari	Collaborative training and extension programmes
16	Tribal Sub plan, Vansda	Collaborative extension programmes
17	BAIF, Lachhakadi (Vansada)	Collaborative training and extension programmes
18	Ramakrishna Charitable Trust, Surat	Collaborative training, extension programmes
19	P. P. Savani group, Surat	Collaborative training, extension programmes
20	Shri D. L. Patel	Collaborative training, extension programmes
21	Tarsadiya foundation	Collaborative training, extension programmes
22	Red cross Bhavan, Navsari	Collaborative training, extension

		programmes
23	CIBA, Hyderabad	Collaborative training, extension programmes
24	SFAC, New Delhi	Collaborative training, extension programmes
25	Prajapita Brahmakumaries, Navsari	Collaborative training, extension programmes
26	JCI, Navsari	Collaborative training, extension programmes
27	Lioness club Navsari	Collaborative training, extension programmes
28	Manav Kalyankari Trust, Navsari	Collaborative training, extension programmes
29	Lok Seva Trust, Kharel	Collaborative training, extension programmes
30	Gujarat State Water Shed Management, Gandhinagar	Collaborative training, extension programmes
31	Aspee foundation, Mumbai	Collaborative training, extension programmes
32	Gandhi Memorial project, Gujarat Vidyapeeth, Ahmedabad	Collaborative training, extension programmes
33	FAI, New Delhi	Collaborative training, extension programmes

6.2. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage
1	Training	Collaboration with ATMA, Navsari
2	Exposure visit	
3	Soil health day celebration	
4	Khedut Shibir	Collaboration with ATMA, Navsari & NCCSD
5	Guest Lecture	Collaboration with ATMA, Navsari

6.3. Give details of programmes under National Horticultural Mission

S. No.	Programme	Nature of linkage
1	Ultra High Density Plantation in Mango	Department of Horticulture Technical and Financial support

6.4. Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage
1	Skill development trainings in fisheries	Department of Fisheries Technical and financial sponsored

6.5. Additional Activities Planned including sponsored projects (ProCRA / Pro SOIL/NARI/DAESI/DAMU/DFI, etc.) / schemes during 2020, if involved.

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
-	-	-	-	-	-

6.5.1. Details of activities planned in DFI villages

Name of DFI village selected	Total No. of families in the village	Interventions planned during 2021	No. of families to be covered under the intervention	Present annual income of the family (Rs /annum)	Expected annual income of the family after intervention (Rs/ annum)
Mankuniya	803	Organic farming	20 Farmer	20000/-	30000/-
		Capacity building programme	40 Farmer	32,000/-	40,000/-
		Use of bio fertilizer	500 Farmer	7200/-	8500/-

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

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

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

S. No.	Name of the village	Activities planned	No. of families to be covered
1	Mogravadi, Rumla, Gholar	Training, Field visit, Organic input distribution, Khedut shibir, meeting	Total = 40 Famer covered under PKVY

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

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

6.6. Activities planned in respect of FPOs / FPCs

1. No. of FPOs / FPCs to be formed:
2. No. of existing FPOs / FPCs to be facilitated:
3. Type of support to be provided to existing FPOs / FPCs:

S. No	Name of the FPO / FPC	No. of members	Major activities of FPO / FPC	Type of support to be provided by KVK
-	-	-	-	-

7.0 Convergence with other agencies and line departments in the district:

S. No.	Name of the department / Agency	Type of convergence	Area (ha) / No. of farmers to be benefited
1	Agriculture department, DAO, Navsari	Training/workshop/ khedut shibir	200
2	Tribal Sub Plan, Vansda	Training/workshop/ khedut shibir	100
3	Department of Fisheries	Training/workshop/ khedut shibir	100
4	Department of Horticulture	Exposure visit/Training	150
5	Department of Animal Husbandries	Training/Farmer health meeting	100
6	Bank of Baroda, Navsari	Training	50
7	NGO's	-	-

8. Innovator Farmer's Meet 2021

Sl.No.	Particulars	Details	Expected No. of participants
1	Farm innovators meet planned	November-2021	200 farmers will gather for innovator farmer's meet programme

9. Utilization of hostel facilities

S. No.	Month	No. of days to be utilized
1	January-21	5
2	February-21	2
3	March-21	5
4	April-21	4
5	May-21	3
6	June-21	5
7	July-21	5
8	Auguest-21	2
9	Sepetmber-21	3
10	October-21	4
11	November-21	5
12	December-21	2
	Total	**45**

10. Details of online activities planned (If any)

S. No.	Type of activities	No. of programmes	Mode of implementation (Video conferencing / Audio Conferencing / Facebook Live / YouTube Live, etc)	No. of participants to be covered
1	Farmers trainings	1	Video/Audio conferencing	25
2	Farmers scientist's interaction programme	1	Video/Audio conferencing	20

3	Farmers seminars	1	Video/Audio conferencing	30
4	Expert lectures	5	Video/Audio conferencing	-
5	Any other (Pl. specify)			

11. Details of collaborative applied research projects planned if any

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

Annexure - I

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
January-21	PF/FW	Vermi compost & composting	1 days	20	5	25	0	0	0	25
February-21	PF/FW	Scientific cultivation practices of Summer pulses crops	1 days	10	15	25	0	0	0	25
March-21	PF/FW	Different resource conversation technology to increase the production and productivity of crops	1 days	20	10	30	0	0	0	30
June-21	PF/FW	Importance & benefits of different cropping diversification	1 days	0	0	0	20	10	30	30
July-21	PF/FW	Scientific cultivation practices of kharif crops & its seed production	1 days	10	15	25	0	0	0	25
July-21	PF/FW	Integrated nutrient & weed management	1 days	0	0	0	10	15	25	25
Horticulture										
June-21	PF/FW	ARYA Mango grafting cultivation of vine vegetables	1 days	20	5	25	0	0	0	25
June-21	PF/FW	Kitchen Garden	1 days	20	5	25	0	0	0	25
June-21	PF/FW	Cultivation of Vegetables	1 days	0	0	0	25	0	25	25
July-21	PF/FW	Use of bio fertilizer in mango	1 days	25	0	25	0	0	0	25
Livestock prod.										
	PF/FW									
Agril. Engg.										
	PF									

Home Sc.										
January-21	FW	Value addition of fruit	1 days	0	25	25	0	0	0	25
February-21	FW	Homemade nutritive recipes	1 days	0	25	25	0	0	0	25
February-21	FW	Nutrition for mother & Children	1 days	0	10	10	0	15	15	25
March-21	FW	Formation & management of SHGs	1 days	0	0	0	0	25	25	25
May-21	FW	Old age nutrition & management	1 days	0	25	25	0	0	0	25
Plan prot.										
February-21	PF/FW	Management of fruit fly in mango	1 days	35	15	50	0	0	0	50
April-21	PF/FW	Integrated pest & disease management in field crops	1 days	0	0	0	40	10	50	50
May-2021	PF/FW	Mango orchard management	1 days	40	10	50	0	0	0	50
August-2021	PF/FW	Sapota pest & disease management	1 days	0	0	0	50	0	50	50
September-21	PF/FW	Bio pesticides and its uses in kitchen garden	1 days	15	35	50	0	0	0	50
Fisheries										
March-21	PF/FW	Pond preparation and water quality management for Carp farming	1 days	20	5	25	0	0	0	25
April-21	PF/FW	Poly culture system for carp farming	1 days	20	10	30	0	0	0	30
May-21	PF/FW	Integrated fish farming	1 days	20	5	25	0	0	0	25
June-21	PF/FW	Recent advancement in freshwater fish farming	1 days	1	20	5	25	0	0	0
Soil Health										
May-21	PF/FW	Importance of soil fertility in relation to crop production	1 days	10	25	35	0	0	0	35
November-21	PF/FW	Different method of composting & its benefits on soil health	1 days	0	0	0	20	5	25	25
November-21	PF/FW	Integrated nutrient management in rabi crops	1 days	20	10	30	0	0	0	30
February-21	PF/FW	Importance of different agronomic practices to increase the production of crops	1 days	0	0	0	10	20	30	30
Extension Education										
Feb-21	PF/FW	Information & communication technology	1 days	20	5	25	0	0	0	25

March-21	PF/FW	Transfer of Technology	1 days	0	0	0	20	5	25	25
April-21	PF/FW	Role of ITK in organic farming	1 days	0	0	0	20	5	25	25
July-21	PF/FW	Use of different mobile application	1 days	20	5	25	0	0	0	25
Auguest-21	PF/FW	New approach of agricultural extension education	1 days	0	0	0	20	5	25	25

i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
January-21	PF/FW	Scientific cultivation practices of Summer green gram	1 days	20	10	30	0	0	0	30
January-21	PF/FW	Integrated nutrient & weed management in summer pulses	1 days	1	0	0	0	20	2	25
Octomber-21	PF/FW	Vermi compost & composting	1 days	0	0	0	20	15	35	35
May-21	PF/FW	Importance of seed production of different crop	1 days	10	15	25	0	0	0	25
September-21	PF/FW	Importance of Organic farming & its benefits	1 days	10	20	30	0	0	0	30
January-21	PF/FW	Weed management in sugarcane crops.	1 days	20	5	25	0	0	0	25
Horticulture										
May-21	PF/FW	ARYA mango processing cultivation of vegetables	1 days	0	0	0	20	5	25	25
February-21	PF/FW	Kitchen Garden	1 days	25	0	25	0	0	0	25
March-21	PF/FW	Use of bio fertilizer in sapota	1 days	20	5	25	0	0	0	25
April-21	PF/FW	Cultivation of vine vegetables	1 days	20	5	25	0	0	0	25
Live Stock Production.										
	PF									
Agril. Engg.										
	PF									
Home Sc.										
February-21	FW	Importance & management of SHGs	1 days	0	0	0	0	25	25	25
March-21	FW	Health care & nutrition during pregnancy	1 days	0	0	0	0	25	25	25

April-21	FW	Prevention of anemia through nutrition	1 days	0	0	0	0	25	25	25
June-21	FW	Value addition of local food	1 days	0	25	25	0	0	0	25
July-21	FW	Low cost nutrition diet for women and children	1 days	0	25	25	0	0	0	25
Plant Protection										
January-21	PF/FW	Bio pesticides and its uses in agriculture	1 days	20	6	26	0	0	0	26
January-21	PF/FW	Integrated farming system : Organic farming	1 days	0	0	0	42	53	95	95
January-21	PF/FW	Composting method : NADEP & vermi compost & use of novel	1 days	10	52	62	0	0	0	62
January-21	PF/FW	Compost preparation, vermi compost ant its uses	1 days	0	0	0	11	16	27	27
February-21	PF/FW	Use of Nauroji- stem in house fruit fly trap in mango	1 days	35	5	40	0	0	0	40
March-21	PF/FW	Organic farming : its importance & benefits	1 days	0	0	0	50	50	100	100
Fisheries										
May-21	PF/FW	Value addition through fish filleting technology	1 days	20	10	30	0	0	0	30
July-21	PF/FW	Fish feed and its methods.	1 days	20	15	35	0	0	0	35
November-21	PF/FW	Water quality and health management of fish in culture pond	1 days	20	5	25	0	0	0	25
December-21	PF/FW	Pangasius fish farming	1 days	0	0	0	20	5	25	25
Soil health										
June-21	PF/FW	Important steps for increasing the soil fertility and crop productivity	1 days	20	10	30	0	0	0	30
December-21	PF/FW	Importance of short duration & high value crop sweet corn/Watermelon	1 days	0	0	0	10	20	30	30
Extension Education										
Feb-21	PF/FW	Leadership Development		20	5	25	0	0	0	25
May-21	PF/FW	Role of social media in agril. development		0	0	0	20	5	25	25
June-21	PF/FW	Advantages of central state govt. scheme for agricultural useful		20	5	25	0	0	0	25
Sepetembe	PF/FW	Doubling farmers of income		20	5	25	0	0	0	25

r-21		through new university technology								
Octomber-21	PF/FW	Market channels of farmer product.		0	0	0	20	5	25	25

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Month	Duration (days)	No. of Participants			SC/ST participants			G.Total
					M	F	T	M	F	T	
Home science	Value addition of farm produce	Value addition of fruits & vegetables	December	5	0	25	25	0	0	0	25

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
On Campus										
March-21	PF/FW	Scope of organic farming in south Gujarat		0	0	0	20	10	30	30
June-21	PF/FW	Diseases and pest management in paddy		30	20	50	0	0	0	50
November-21	PF/FW	Horticulture pest management in Navsari district		0	0	0	30	20	50	50
September-21	FW	Women & child health & nutrition		0	30	30	0	0	0	30
September-21	PF/FW	Kitchen Garden		20	10	30	0	0	0	30
November-21	PF/FW	Leadership Development		20	5	25	0	0	0	25
December-21	PF/FW	Scientific methods of preparation of compost & vermi compost		0	0	0	30	20	50	50

iv) Sponsored programmes

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
a) Sponsored training programme											
Crop Production	ATMA, FTC and other local NGO	PF/FW	Organic Farming	3	5	5	10	10	5	15	25
Horticulture		PF/FW	Kitchen Gardening	3	5	5	10	5	10	15	25
Plant Protection		PF/FW	Integrated Pest & Disease management for common crops	2	5	5	10	5	5	10	20

Home science		PF/FW	Balance Nutrient	2	5	5	10	5	5	10	20
Fisheries		PF/FW	Feed Management	2	5	5	10	5	5	10	20
			Total		**25**	**25**	**50**	**50**	**50**	**100**	**110**
b) Sponsored research programme											
-	-	-	-	-	-	-	-	-	-	-	-
			Total								
c) Any special programmes											
Extension	Linkage with agencies	Farmers	International Women day-2021	1	20	70	90	10	60	70	160
	Reliance Foundation	Farmers	Dial Out conference/ Audio video conference	2	20	10	30	0	20	20	50
	Gandhi memorial, Dandi	Farmers	Vanmahostav and vermicompost production	1	25	0	25	0	0	0	25
			Total	**4**	**65**	**80**	**145**	**10**	**80**	**90**	**235**

Annexure - II

Details of Budget Estimate (2020-21) based on proposed action plan

S. No.	Particulars	BE 2020-21 proposed (Rs.)
	Recurring Contingencies	
1.1	**Pay & Allowances**	**147.00**
1.2	**Traveling allowances**	**2.20**
1.3	**Contingencies**	
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	9.35
B	POL, repair of vehicles, tractor and equipments	2.20
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	6.60
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	2.20
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	1.65
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	1.10
G	Training of extension functionaries	1.10
H	Maintenance of buildings	1.65
I	Establishment of Soil, Plant & Water Testing Laboratory	1.10
J	Library	0.55
	TOTAL Recurring Contingencies	**27.50**
2	**Non-Recurring Contingencies**	
2.1	**Works**	19.69
2.2	**Equipments including SWTL & Furniture**	21.56
2.3	**Vehicle** (Four wheeler/Two wheeler, please specify)	0.88
2.4	**Library** (Purchase of assets like books & journals)	0.44
	TOTAL Non-Recurring Contingencies	**42.57**
3	**REVOLVING FUND**	-
	GRAND TOTAL	**219.67**