ICAR-ATARI, Pune
DETAILS OF ACTION PLAN OF KVK, TAPI, GUJARAT
2018-19
(1st April 2018 to 31st March 2019)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail	Website address & No. of visitors (hits
Krishi Vigyan Kendra Navsari Agricultural University Bhenskatri Road, Panvadi Vyara, Dist. Tapi, Gujarat-394 650	Office (02626) 221869	FAX (02626) 221869	kvkvyara@nau.in kvkvyara@yahoo.co.in	tapi.kvk6.in and 56431 visitors

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

Address	Telephone		E mail	Website address
	Office	FAX		
Director of Extension Education Navsari Agricultural University Navsari	(02637) 282026	(02637) 282706	dee@nau.in deenaunvs@yahoo.co.in	nau.in

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

Name	Telephone / Contact		
	Office	Mobile	Email
Dr.Pramod Kumar Verma	(02626) 221869	7575011107	drverma@nau.in

1.4. Year of sanction: 2004 (As ZARS KVK – 2000), Full fledged KVK in the year 2006.

1.5. Staff Position

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	If Permanent, Please indicate			If Temporary, pl. indicate the consolidated amount paid (Rs./month)
					Current Pay Band	Current Grade Pay	Date of joining	
1	Programme Coordinator	Dr.P.D.Verma	Senior Scientist & Head	Extension Education	23230	8000	7/11/2016	Temporary
2	Subject Matter Specialist	Dr. C. D. Pandya	Scientist	Extension Education	25520	7000	29/07/2009	Temporary
3	Subject Matter Specialist	Prof. Arti N. Soni	Scientist	Home Science	22220	6000	04/04/2008	Temporary
4	Subject Matter Specialist	Dr. J. K. Movaliya	Scientist	Veterinary Science	16920	6000	1/11/2016	Temporary
5	Subject Matter Specialist	Dr. S.M.Chavan	Scientist	Plant Protection	18320	6000	10/01/2013	Temporary
6	Subject Matter Specialist	Dr. M. R.Gami	Scientist	Agronomy	18320	6000	01/03/2013	Temporary
7	Subject Matter Specialist	Prof. Pravinkumar Modi	Scientist	Horticulture	18320	6000	14/03/2013	Temporary
8	Programme Assistant	Mr. N.N.Makani	Prog. Assi.	--	9300-34800-G.P.-4000	38090 Fix	13/07/2015	Temporary
9	Computer Programmer	Nisheeta R. Patel	Comp. Prog.	--	44900	--	21/08/2008	Temporary
10	Farm Manager	Mr. V. N. Parmar	Farm Manager	--	46200	--	23/08/2007	Temporary
11	Accountant / Superintendent	**Vacant**	Acct. / Super.	--	9300-34800 G.P. 4200	--	--	--
12	Stenographer	**Vacant**	Steno.	--	5200-20200 G.P. — 2400	--	--	--
13	Driver	Mr. C. I. Patel	Driver	--	23800	--	23/08/2007	Temporary
14	Driver	**Vacant**	Driver	--	5200-20200 G.P. 1900	--	--	--
15	Supporting staff	**Vacant**	Supp. Staff	--	4440-7400 G.P.-1400	--	--	--
16	Supporting staff	**Vacant**	Supp. Staff	--	4440-7400 G.P.-1400	--	--	--

1.6. Total land with KVK (in ha):

Sl. No.	Item	Area (ha)
1	Under Buildings	2.50
2.	Under Demonstration Units	0.50
3.	Under Crops	5.23
4.	Horticulture	0.80
5.	Pond	-
6.	Others if any, Poly House, Shed Net House, Vermi-compost Unit	0.45

1.7. Infrastructural Development:

A) Buildings

Sl. 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	31/3/2011	516	-	-	-	-
2.	Farmers Hostel	ICAR		248		-	-	-
3.	Staff Quarters (5)	ICAR	31/3/2011	348	-	-	-	-
4.	Demonstration Units (9)	ICAR	31/3/2017	--	876014=00	-	-	-
5	Fencing	-	-	-	-	-	-	-
6	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-
8	Farm godown	-	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2001	3,31225.00	3550 hrs.	Working
Motorcycle	2011	48,816.00	10,490	Working

C) Equipments & AV aids

Sl. No.	Name of Equipments/ Instruments/ Farm Machineries	No.	Date of Purchase	Cost (Rs.)	Present Status
(1)	Furniture (Godrej)				
1	Table T-9	4	30/3/2001	26636	Working
2	Table T-104	1	30/3/2001	8515	Working
3	Chair CH-186	20	30/3/2001	43300	Working
4	Chair PCH-7000 D	1	30/3/2001	8168	Working
5	Chair CH-7 B	4	30/3/2001	5692	Working
6	Store Well – Glass Door	1	30/3/2001	9259	Working
7	Slotted Angel Racks	4	30/3/2001	4900	Working
(2)	Mahindra Tractor model 575 DI 45 HP & Accessories	1	30/3/2001	3,31,225	Working
(3)	Photo Copier NP 7160 Canon NPG-1	1	31/3/2001	117274	Not working
(4)	Furniture (Godrej)				

Sl. No.	Name of Equipments/ Instruments/ Farm Machineries	No.	Date of Purchase	Cost (Rs.)	Present Status
1	Table –T- 402	5	27/12/2002	24600	Not good
2	Comp. Table C-6	1	27/12/2002	5255	Working
3	Store Well – Glass Door	1	27/12/2002	9330	Working
4	Store Well Plane	2	27/12/2002	16000	Working
5	Chair CHR-7B	15	27/12/2002	22350	1-Not good
6	Chair PCH-5000 2 T	2	27/12/2002	7230	1-Not good
7	Filing Cabinet	1	27/12/2002	7900	Working
(5)	Computer & Peripherals	1	28/12/2002	51850	Working
(6)	3 KVA on line UPS	1	28/12/2002	38000	Not working
(7)	HP Laser Jet 1200 Printer	1	28/12/2002	20600	Not working
(8)	MSXP standard edition with Indian Longwise Proofing tools	1	30/12/2002	6450	Not Working
(9) 1	CD writer	1	28/12/2002	3025	Working
2	HP Scan jet 2300c Scanner	1	28/12/2002	3700	Not Working
(10) 1	Ceramic steel white writing board 4'x6'	1	21/2/2003	9000	Working
2	Ceramic chalk writing board 4'x 6'	1	21/2/2003	9000	Working
(11) 1	Over Head Projector	1	22/3/2003	27690	Working
2	Plastic screen with tripod stand	1	22/3/2003	4500	Not Working
(12) 1	LG 29 CA Color TV 29"	1	21/3/2003	26990	Working
2	Thomson 5 in 1 VCD player	1	21/3/2003	6990	Not Working
(13)	P.A. System				
1	Amplifier SSA 250	1	22/3/2003	9400	Working
2	Eco Mixture DMX 40	1	22/3/2003	3249	Working
3	Full Range Speaker SRX 250 D	4	22/3/2003	24472	Working
4	Microphone				
	ALD 101 x LR	1	22/3/2003	1140	Not Working
	ATP 20 M	1	22/3/2003	489	Not Working
	WM 201	1	22/3/2003	1615	Not Working
5	Unit Horn Combination UHC 30 x T	1	22/3/2003	1188	Not Working
6	Micro Phone Stand		22/3/2003		Working
	DGN	1	22/3/2003	456	Working
	DGT	1	22/3/2003	285	Working
	ATS:5	1	22/3/2003	100	Working
(14)	A.V. Trolly	1	22/3/2003	4132	Working
(15)	Laminated Chart with wooden Frame size 20" x 30"	33	22/3/2003	24420	Not good
(16)	Sony Digital Handy cam	1	22/3/2003	32750	Not Working
1	Power adapter	1	22/3/2003		Not Working
2	Battery	1	22/3/2003		Not Working
3	Remote Control	1	22/3/2003		Not Working
4	AV Connecting Cable	1	22/3/2003		Not Working
5	Belt shoulder strap	1	22/3/2003		Not Working
6	Handy Cam Recording Caset	1	22/3/2003		Not Working

Sl. No.	Name of Equipments/ Instruments/ Farm Machineries	No.	Date of Purchase	Cost (Rs.)	Present Status
(17)	Automatic slide Projector	1	22/3/2003	13695	Working
(18)	Portable Generator EXK 2000 AC	1	24/3/2003	38200	Working
(19)	Education Exhibition Panel System	1	25/3/2003	13500	Working
1	News Paper Stand	1	25/3/2003	3500	Working
2	Displayer/Book/ Magazine Stand	1	25/3/2003	3500	Working
3	Notice Writing Board with Acrylic Shutter	1	25/3/2003	4450	Working
(20)	Stainless steal Vessels	23	28/3/2003	19450	Working
(21)	Modem	1	31/3/2003	2020	Working
(22)	Laminated Charts with Plywood Framing size 24”x30”	5	12/3/2004	3000	Not good
(23)	Colour Enlargement charts	33	29/3/2004	24420	Not good
(24)	Jeep Mahindra & Mahindra Bolero D.I.	1	2/12/2004	430500	Working
(25)	Bolero Accessories		2/12/2004	21650	Working
(27)	Whirlpool freeze	1	27/3/2006	15800	Working
(28) 1	Electronic Automatic Kel Pus Microprocessor based eight place macro block digestion system model KES-08L	1	27/3/2006	88120	Not Working
2	Electronic Kel plus micro processor based Automatic Distillation system model distil EM	1	27/3/2006	142300	Not Working
(29)	Double still with thermo sensor hr (All glass) cat No 2348	1	27/3/2006	33924	Working
(30)	Nova Rotary shaking machine				
1	(a)Capacity 16 flasks of 250 ml	1	28/3/2006	24500	Not Working
2	(b)Capacity 25 flasks of 250 ml	1	28/3/2006	29750	Not Working
3	Nova Hot plate Rectangular model NV-8535 stainless steel				
	(a) Size 12” x 20”	1	28/3/2006	8500	Not Working
	(b) Size 18” x 24”	1	28/3/2006	11250	Not Working
4	Nova willy mill stain lese steel camber Size 10.0 x 50 mm	1	28/3/2006	31900	Not Working
(31)1	Laboratory Table	4	27/3/2006	34400	Working
2	Racks	6	27/3/2006	9000	Working
3	Stools	12	27/3/2006	5400	Working
4	Steel cupboard storewell	4	27/3/2006	19200	Working
5	Steel cupboard storewel	4	27/3/2006	14000	Working
6	Steel racks	4	27/3/2006	8600	
7	Partition racks	3	27/3/2006	22500	Working
8	Office chair	4	27/3/2006	4000	Working
(32)	Systronics make				
1	Micro controller based Digital spectrophotometer model -106	1	27/3/2006	26800	Not Working
2	Systronics make micro controller	1	27/3/2006	35200	Not Working

Sl. No.	Name of Equipments/ Instruments/ Farm Machineries	No.	Date of Purchase	Cost (Rs.)	Present Status
	based flame photometer compressor model-128				
3	Systronics make micro controller based PH meter	1	27/3/2006	10900	Not Working
4	Systronics make micro processor based conductivity meter	1	27/3/2006	12800	Not Working
(33)	Hot air oven	1	27/3/2006	21200	Working
(34) 1	Chemical Balance	1	27/3/2006	75000	Working
2	CENTRO FIX WATERBATH	1	27/3/2006	10800	Not Working
3	CENTRO FIX – Muffle furnace	1	27/3/2006	29500	Not Working
4	Automatic autoclave	1	27/3/2006	21000	Working
(35)	City weigh balance model ST-10 Cap- 10 kg	1	27/3/2006	10640	Working
(36) 1	LG AC-1.5 ton	1	31/3/2006	23740	Not Working
2	Micro kjeldahl Assembly	1	31/3/2006	10700	Not Working
(37)	Burner maker type with stop coke	8	31/3/2006	2000	Not Working
(38)	Voltas make water cooler	1	31/3/2006	26500	Working
(39) 1	Soft Pin up Board	25	29/11/2007	96250	6-not good
2	Single Pole Stand	26	29/11/2007	35360	Working
(40)	Microscope for Computer	1	17/3/2008	294028	Working
(41) 1	SDZ – TR – PL – HL Microscope controlled Transformer	1	15/3/2008	209444	Working
2	OP – 150 R Fibre Optic Illumivater	1	15/3/2008		Working
3	GMTV – 33 H High Resolution Coloured CCTV system	1	15/3/2008		Working
(42)	Colony Counter – MSW – 408	1	15/3/2008	5668	Working
(43)	Oven Universal – MSW – 213	1	15/3/2008	65788	Working
(44)	Insect Rating Case	5	17/3/2008	14000	Working
(45)	LG A/C machine 2.0 Ton Split AC with Remote	2	17/3/2008	58680	Not Working
(46)	LG Refrigeration–280 Lit. Model - 295TMG4	1	25/3/2008	18000	Working
(47)	Phillips Grinder – 1618	2	25/3/2008	6000	Working
(48)	Sony Cyber Shot – DSC – W 90	1	25/3/2008	14800	Working
(49) 1	Pressure Cooker – 8 lit.	1	24/3/2008	4500	Working
2	S/A/S Tope – 17''	1	24/3/2008		Working
3	S/A/S Tope – 21''	1	24/3/2008		Working
4	S. S. Cover	2	24/3/2008		Working
(50) 1	Insect Display show cases	4	24/3/2008	17420	1-Not Working
2	Insect Show cases cabinet	1	24/3/2008		Working
(51) 1	Compaq Computer – 3250 IL	1	25/3/2008	28950	Working
2	MS XP Professional Vista License	1	25/3/2008	6000	Working

Sl. No.	Name of Equipments/ Instruments/ Farm Machineries	No.	Date of Purchase	Cost (Rs.)	Present Status
	Copy				
(52)	Top Loading Balance – BH 200 H	1	19/3/2008	28120	Working
(53)	Digital Conductivity TDS Meter Model - 307	1	24/3/2008	11648	Working
(54)	Digital PH meter Model - 802	1	24/3/2008	7006	Working
(55)	Distillation Apparatus (5 – Lit)	1	24/3/2008	15912	Not Working
(56)	H/P Laser Jet Printer - 1022	1	25/3/2008	10990	Working
(57)	Steel Rack KV-110 78''x36''x15''	5	25/3/2008	9844	Working
(58) 1	Steel Cupboard – 78''x36''x19''	2	23/3/2008	11100	Working
2	Computer Table	1	23/3/2008	3300	Working
3	Computer Chair	2	23/3/2008	5200	Not Working
(59)	Shaking Incubator – 24 BL	1	25/3/2008	95387	Working
(60)	CentriFuge – R – 24 Voltage stabilizer 3.0 KVA	1 1	25/3/2008 25/3/2008	32025 6630	Working
(61)	Double Pan Balance Analytical Weight Box	1 1	24/3/2008	3640	Working
(62)	Gas Cylinder, Regulator, Gas Stove	1	13/3/2008	1930	Working
(63)	B.O.D. Incubator - 270	1	22/3/2008	90534	Not Working
(64)	KLENZFLO Horizontal laminar clean air work station – 1500c	1	28/3/2008	138320	Working
(65)	Crompton Greaves Fans	4	28/3/2008	6800	1-Not Working
(66)	Humidifier (S.S. Body)	1	30/3/2008	11034	Working
(67)	ASPEE Tractamount Bloover fro Intranational	1	30/3/2008	99960	Working
(68)	Panasonic Multifunctional Device Copy/Print/Scan/Fax	1	28/03/2010	14900	Working
(69)	Eco Display Unit Size : 6' x 2'	1	28/03/2010	9625	Working
(70)	DIM System size : 36'' x 24''	2	28/03/2010	19250	Working
(71) 1	Podium	1	28/03/2010	4200	Working
2	Podium	1	28/03/2010	4200	Working
(72) 1	LCD Projector - Mo.D.832 Mx	1	06/01/2011	66305	Not Working
2	VIVITEK Dongel	1	06/01/2011	16910	Not Working
3	WALTOP 6'' Interactive RF Pod	1	06/01/2011	14863	Not Working
4	Motorized Screen size – 5'x7'	1	06/01/2011	12905	Working
5	Impact 65 T (PA system)	1	06/01/2011	17800	Working
(73) 1	23'' – LCD Computer	1	15/10/2010	33420	Working
2	Branded CPU E-Machine		15/10/2010	''	Working
3	Printer – Canon	1	15/10/2010	8500	Working
4	UPS – Umax 600 VA	1	15/10/2010	1850	Not Working
5	HP Scanner	1	15/10/2010	4500	Working

Sl. No.	Name of Equipments/ Instruments/ Farm Machineries	No.	Date of Purchase	Cost (Rs.)	Present Status
6	Q.H. Internet Security	1	15/10/2010	1150	Working
(74)	Crystal EPABX system set and accessories	1	11/02/2011	49219	Working
(75) 1	Power Tiller	1	18/02/2011	149430	Working
2	Multi crop Thresher	1	18/02/2011	23100	Working
		1	18/02/2011	26000	Working
3	Power Sprayer	1	18/02/2011	24850	Working
4	Winnower	1	18/02/2011	24150	Working
5	Seed cum Ferti. drill	1	18/02/2011	28880	Working
(76) 1	Steel Cupboard 18”X 36”X 78”	9	8/1/2011	58977	Working
2	Visitor Chair	25	8/1/2011	48475	2-Not Working
3	Rack- 6 X 3 X 1 foot	15	8/1/2011	43170	Working
4	Rivolving Chair	6	8/1/2011	21810	3-Not Good
***(77)**1	Gayatri two-way Leveller Heavy Duty	1	11/3/2011	12600	Working
2	Gayatri Cultivator Heavy Duty	1	11/3/2011	20700	Working
***(78)**	Plough & Harrow	1	17/2/2011	19000	Working
***(79)**1	Rotavator- 5.25	1	13/3/2011	60380=95	Working
2	Hydrolic trailor	1	13/3/2011	102380=90	Working
(80)	Varoon Vinowing Monoblock Electric Fan	1	25/3/2011	6900	Working
(81)	Splender Pro Kick Spoke	1	31/3/2011	41860	Working
(82)	Sub-mersible pump set 2 H.P. with accessories	1	28/3/2011	14600	Working
(83) 1	Steel Cupboard	13	28/12/2012	71500	Working
2	Table (4 X 2.5) rek	10	28/12/2012	35000	Working
3	Steel Coat (6 X 3.5)	10	28/12/2012	40000	Working
4	Sofa set- Tipoi	1 set	28/12/2012	17500	Working
5	Chair-Table-Tipoi	1 set	28/12/2012	7500	Working
6	News paper stand	3	28/12/2012	3150	Working
7	Computer Table-Chair	2	28/12/2012	12558	Working
8	Water cooler	2	28/12/2012	84000	Working
9	Post weigh balance	2	28/12/2012	2100	Working
10	Steel cupboard	2	28/12/2012	37000	Working
(84)1	Sofa three seater waiting chair	20	13/01/2012	62980	Working
2	Fix Chair	10	13/01/2012	23090	Working
(85)	10 H.P. 4 stage falkan sub-mersible	1	04/02/2012	64125	Working

Sl. No.	Name of Equipments/ Instruments/ Farm Machineries	No.	Date of Purchase	Cost (Rs.)	Present Status
	pump set with accessesories	set			
(86) 1	Electronics media Microprocessor – PH meter model - 1012	1	23/03/2012	13000	Working
2	Electronics media Microprocessor – Spectrophoto meter model – 2305	1	23/03/2012	33950	Working
3	NOVA fermentor (Digital Microprocessor Pid control)	1	23/03/2012	360000	Working
4	Swisser Table top balance model – swit – 105 10 kg	1	23/03/2012	8775	Working
5	NOVA digital hot air oven 24"x24"x36"	1	23/03/2012	36900	Not Working
(87) 1	HD Handy cam (video camera)	1	27/03/2012	71025	Working
2	Digital Camera HD (15-30 mega pixel)	1	27/03/2012	66660	Working
3	Double distilled water RO plant for lab use	1	27/03/2012	24860	Working
4	Refrigerator 310 lit with stb 1 KVA	1	27/03/2012	29035	Working
(88)	2 HP 8 Stage Neck Motor	1	20/12/2014	8500	Working
(89)	Photocopier machine (Digital Colour Multi function office machine (Richo) MP (2004SP))	1	21/3/2017	1,50,000	Working
(90)	AVECO E-GURU Interactive white Board- Model-1R80, size-1816mmX1410X36mm, Projection Size-656mmX1250mm, Aspect Ratio:4:3	1	24/3/2017	41,975	Working
(91)	Voltas AC-1.5 tonType-Split	2	18/3/2017	72,000	Working
(92)	Carrier Split AC-2.0 ton- 3 star, Model-24 k Superia	2	24/3/2017	84,000	Working
(93)	Chaff cutter power operated, BKV2HPCFAT, 3 Blades, 1440 RPM, 50H, 220V, 12A	1	17/3/2017	22491	Working
(94)	Information Kiosk thin client based free standing-Type Model SK-19-T	1	10/3/2017	90250	Working
(95)	Lenovo Computer-All in One	2	14/03/2017	92398	Working
(96)	Paddy Thresher with Motor	1	20/03/2017	23500	Working
(97)	RO with water cooler -50 LPH with 100 litre LPH SS storage	1	02/03/2017	79000	Working
(98)	Laser Printer-Brother Model No. 2321 D	2	21/03/2017	14760	Working
(99)	Colored Laser Printer-CP 1025	1	21/03/2017	18000	Working
(100)	Scanner-Canon	2	21/03/2017	8476.20	Working
(101)	Maize Dhusker cum sheller-1000 kg/cobs/hour capacity	2	14/03/2017	182000	Working
(101)	7.5 HP Motor	1	24/03/2017	18200	Working
(102)	1.5 HP 10 stage motor ISI with accessories	1	24/03/2017	19688	Working

Sl. No.	Name of Equipments/ Instruments/ Farm Machineries	No.	Date of Purchase	Cost (Rs.)	Present Status
(103)	Winnowing Fan	1	24/03/2017	35000	Working
(104)	Haier Deep Freezer-588 litre capacity	2	24/03/2017	66000	Working
(105)	Pulvarizer Machine	1	24/03/2017	35675	Working
(106)	Soyabean Processing Unit	1	24/03/2017	325248	Working
(107)	PKV Custard Apple pulper Machine-0.5 HP Single Phase Motor-Capacity 70 kg/hour	1	24/03/2017	78775	Working
(106)	PKV Mini Dall Mill	1	28/03/2017	93000	Working

***77, 78 and79 purchased from University Grant not from ICAR**

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

Sl.No.	Details	Date
1.	Scientific Advisory Committee	12/02/2019

2. DETAILS OF DISTRICT

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

Sl. No.	Farming system/enterprise
1	Agriculture and Animal Husbandry along with an Agro forestry
2	Agriculture and horticulture
3	Agro-forestry

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-I	• It consists of three taluka of Tapi district i.e. Songadh, Vyara and Valod taluka • It has an intensive rainfall over 1500 to 2200 mm per annum • Rain mostly received during month of July- August • The zone has clay soil with normal pH and EC, medium organic Carbon and phosphorous and high in potash
2	South Gujarat Rainfall Zone-II	• It consists of two taluka i.e. Uchchhal and Nizar. • Rainfall of the area varying between 1000 to 1500 mm per annum • This zone has black soil of medium to heavy texture • 75 per cent of the area is rainfed.

b Topography

Sl.No.	Agro ecological situation	Characteristics
1	Situation I	• The total geographical area is about 5.57 lack ha. Which is 58 per cent of the zone and of which 53 Per cent is under forest • Cultivated area is 15.29 per cent as it is a heavy rainfall situation • 5 per cent area is under doubled crop • Major Field crops grown are paddy, minor millets, pulses, sorghum and oilseeds like ground nut and soybean.

2	Situation III	• The total geographical area is about 2.22 lack ha, which is 25.21 per cent of the zone and 59.3 Per cent is under cultivation • Cultivated area is 1.64 lakh ha. • 14.5 per cent area is under doubled crop. Soil of this situation is deep and fine textured.

2.3 Soil Types

Sl. No.	Soil type	Characteristics	Area in ha
1	Hilly Area – Light soil	Lateritic and eroded shallow soil with high infiltration rate	130023
2	Plain area- Heavy Black soil	Heavy Black to medium black with medium to poor drainage, in some area it is water logged and salt affected.	208779

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

Sl. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)
Rabi-Summer-2016-17				
1	Wheat	4756	14506	30.50
2	Rabi Sorghum	2227	3341	15.00
3	Maize	725	1350	18.62
4	Gram	2009	2109	10.50
5	Sugarcane	25803	2112637	818.75
6	Indian bean (Val)	799	759	9.50
7	Castor	200	180	9.00
Kharif – 2017				
1	Irrigated Paddy	32537	100865	31.00
2	Un-irrigated Paddy	20946	41892	20.00
3	Kharif – Sorghum	10098	12522	12.40
4	Kharif – Maize	1219	1646	13.50
5	Soybean	14479	16651	11.50
6	Kharif – Pigeon pea	19941	19044	9.55
7	Kharif – Green gram	422	338	8.00
8	Black gram	1100	605	5.50
9	Kharif Groundnut	317	507	16.00
10	Irrigated Cotton	1233	3267	26.50
11	Un-irrigated Cotton	6975	8789	12.60

Source: District Agriculture department – Tapi.

Horticultural Crops: (2016-2017)

Sl. No	Crop	Area (ha)	Production (MT.)	Productivity (MT/ha)
A	**Fruits**			
	Mango	5550	51282	9.24
	Sapota	110	1226.5	11.15
	Lemon	30	339.9	11.33
	Ber	3	12.99	4.33
	Banana	1550	93000	60.00
	Guava	22	223.3	10.15

Sl. No	Crop	Area (ha)	Production (MT.)	Productivity (MT/ha)
	Pomegranate	51	510	10.00
	Date palm	7	0	0.00
	Papaya	2080	127920	61.50
	Custard apple	45	371.7	8.26
	Aonla	19	139.08	7.32
	Cashew nut	275	470.25	1.71
	Coconut	62	510.88	8.24
	Others	335	2683.35	8.01
B	**Vegetables**			
	Brinjal	3720	69378	18.65
	Cabbage	135	3138.75	23.25
	Okra	9930	135544.5	13.65
	Tomato	655	15065	23.00
	Cauliflower	330	6402	19.40
	Cluster bean	720	6840	9.50
	Cowpea	785	6272.15	7.99
	Cucurbits	3790	67196.7	17.73
	Others	2265	29445	13.00
C	**Creepers**			
	Bottle gourd	585	13405	22.91
	Bitter gourd	525	8175	15.57
	Sweetgourd	185	4155	22.46
	Smooth gourd	185	1915	10.35
	Ridge gourd	125	1575	12.60
	Cucumber	135	2206.10	16.34
	Ponited gourd	735	12157.21	16.54
	Watermelon	275	8770.60	31.89
	Pumpkin	120	2745	22.88
	Ivy gourd	610	8271.5	13.56
	Indian bean	125	1474.5	11.80
	Broad bean	115	1681.64	14.62
	Spine gourd	70	665.15	9.50
D	**Spices**			
	Chilli-Dry	1150	1840	1.60
	Ginger	35	694.40	19.84
	Turmeric	70	1438.50	20.55
	Fenugreek	110	210	1.91
	Ajawain	80	60	0.75
D	**Flowers**			
	Rose	60	540	9.00
	Marigold	262	2593.8	9.90
	Mogra	75	653	8.71
	Lily	11	88	8.00
	Others	135	1181.25	8.75

Source: District Horticulture Department - Tapi

2.5. Weather data (2017-18)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
April-2017	0	26.5	24.3	75.2	55.3
May-2017	0	26.2	24.3	84.4	62.9
June-2017	120	28.7	23.3	83.0	57.9
July-2017	608	27.8	24.6	93.0	76.0
August-2017	188	30.6	25.8	91.4	73.1
September-2017	110	32.2	24.5	91.7	69.9
October-2017	61*	34.8	22.9	86.6	57.8
Nov-2017	00	34.2	15.6	92.8	36.0
Dec.2017	65.5**	29.8	16.7	81.8	43.5
Jan-2018	0	32.9	14.7	79.5	37.4
Feb.-2018	0	33.9	15.5	74.3	47.3
March-2018	0	39.1	22.0	84.0	96.4

Source: Regional Rice Research Station, NAU, Vyara

* Delay in harvesting of *Kharif* crops

** Okhi Cyclon

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

Category	Population	Production ('000 tones)	Productivity (kg/day)
Cattle			
Crossbred	54700	112.41	5.63 (Milk)
Indigenous	34800	33.86	2.66 (Milk)
Buffalo	91200	107.43	3.22 (Milk)
Sheep	1000	1.17 metric tones	1.090 kg wool/sheep
Goats	46000	3.90	0.232(Milk)
Pigs	2723	--	--
Rabbits	1576	--	--
Poultry			
Desi	143100	150.70 lakh egg	118 eggs per layer/year
Improved	107100	332.53 lakh egg	356 eggs per layer/year
Donkey	1943	--	--

Source: *34th Survey Report of Estimates of major Livestock Products for Year:2016-17 , Gujarat State*

2.7 Details of Operational area / Villages (2015-16)

Sl. No.	Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Vyara	Vyara	Dolara	Paddy, Sugarcane, Gram, Groundnut, Okra, Cucurbitaceous vegetables, Animal Husbandry	• Lack of knowledge about scientific package of practices among farmers/ Farm women • Lack of awareness about organic farming • Lack of irrigation facility • Lack of Knowledge about value addition of Agril. produce • Low milk production • Poor livestock management • Drudgery among farm women during Agril. practices • Lack of knowledge about Health & Nutrition • Sickle cell Anemia	• Integrated Crop Management (ICM) and precision Farming • Organic farming • Integrated Nutrient Management • Integrated Pest and Disease Management • Soil and Water conservation • Crop diversification • Women empowerment and self reliability through Entrepreneurial development • Health & Nutrition for vulnerable groups, Malnutrition and Sickle cell anemia awareness • Drudgery reduction technology for farm women • Value addition in Agricultural crops • Breeding, Feeding & Dairy management of milch animals • Low cost green house and small scale Nursery Management • Off-season cultivation of high valued crops • Capacity building and Group dynamics
2			Zankhari	Paddy, Sugarcane, Gram, Groundnut, Okra, Cucurbitaceous vegetables, Animal Husbandry	• Lack of knowledge about scientific package of practices among farmers/ Farm women • Lack of awareness about organic farming • Lack of irrigation facility • Lack of Knowledge about value addition of Agril. produce • Low milk production • Poor livestock management • Drudgery among farm women during Agril. practices • Lack of knowledge about health & nutrition • Sickle cell Anemia	• Integrated Crop Management (ICM) and precision Farming • Organic farming • Integrated Nutrient Management • Integrated Pest and Disease Management • Soil and Water conservation • Women empowerment and self reliability through Entrepreneurial development • Health & Nutrition for vulnerable groups, Malnutrition and Sickle cell anemia awareness • Drudgery reduction technology for farm women • Value addition in Agricultural crops • Breeding, Feeding & Dairy management of

Sl. No.	Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
						milch animals • Low cost green house and small scale Nursery Management • Off-season cultivation of high valued crops • Capacity building and Group dynamics
3	Dolvan	Dolvan	Bardipada	Paddy, Sugarcane, Gram, Groundnut, Okra, Cucurbitaceous vegetables, Animal Husbandry	• Lack of technological knowledge(ICM, INM,IPDM) among farmers/ Farm women • Lack of awareness towards animal disease management • Lack of Knowledge about value addition of Agril. produce • Undulated land and poor fertility status of soil • Drudgery among farm women during Agril. practices • Lack of knowledge about health & nutrition • Sickle cell Anemia • Low milk production per animal	• Integrated Crop Management (ICM and precision Farming • Organic farming • Integrated Nutrient Management • Integrated Pest and Disease Management • Soil and Water conservation • Women empowerment and self reliability through Entrepreneurial development • Health & Nutrition for vulnerable groups, Malnutrition and Sickle cell anemia awareness • Drudgery reduction technology for farm women • Value addition in Agricultural crops • Breeding, Feeding & Dairy management of milch animals • Low cost green house and small scale Nursery Management • Off-season cultivation of high valued crops • Capacity building and Group dynamics
4			Jamaliya	Paddy, Sugarcane, Gram, Groundnut, Okra, Cucurbitaceous vegetables, Animal Husbandry	• Lack of technological knowledge(ICM, INM,IPDM) among farmers/ Farm women • Undulated land and poor fertility status of soil • Lack of awareness towards animal disease management • Poor economic condition • Lack of Knowledge about value addition of Agril. produce • Drudgery among farm women during Agril. practices • Lack of knowledge about health & nutrition	• Integrated Crop Management (ICM and precision Farming • Organic farming • Integrated Nutrient Management • Integrated Pest and Disease Management • Soil and Water conservation • Women empowerment and self reliability through Entrepreneurial development • Health & Nutrition for vulnerable groups, Malnutrition and Sickle cell anemia awareness • Drudgery reduction technology for farm

Sl. No.	Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
					• Sickle cell Anemia • Low milk production	women • Value addition in Agricultural crops • Breeding, Feeding & Dairy management of milch animals • Low cost green house and small scale Nursery Management • Off-season cultivation of high valued crops • Capacity building and Group dynamics
5	Valod	Valod	Kaher	Paddy, Sugarcane, Gram, Pigeon pea, Okra, Brinjal, Cucurbitaceous vegetables, Animal Husbandry	• Lack of technological knowledge about crop production • Injudicious use of pesticides in vegetables • Lack of awareness about organic farming • Lack of knowledge about fruits & vegetable preservation • Lack of knowledge about insect – pest identification & their management • Poor animal management • Drudgery among farm women during Agril. practices • Lack of knowledge about health & nutrition	• Integrated Crop Management (ICM and precision Farming • Organic farming • Integrated Nutrient Management • Integrated Pest and Disease Management • Soil and Water conservation • Women empowerment and self reliability through Entrepreneurial development • Health & Nutrition for vulnerable groups, Malnutrition and Sickle cell anemia awareness • Drudgery reduction technology for farm women • Value addition in Agricultural crops • Breeding, Feeding & Dairy management of milch animals • Low cost green house and small scale Nursery Management • Off-season cultivation of high valued crops • Capacity building and Group dynamics
6			Kalamkui	Paddy, Sugarcane, Gram, Pigeon pea, Okra, Brinjal, Cucurbitaceous vegetables, Animal Husbandry	• Lack of technological knowledge about crop production • Injudicious use of pesticides in vegetables • Lack of awareness about organic farming • Lack of knowledge about fruits & vegetable preservation • Lack of knowledge about insect – pest identification & their management	• Integrated Crop Management (ICM and precision Farming • Organic farming • Integrated Nutrient Management • Integrated Pest and Disease Management • Soil and Water conservation • Women empowerment and self reliability through Entrepreneurial development

Sl. No.	Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
					• Poor animal management • Drudgery among farm women during Agril. practices • Lack of knowledge about Health & Nutrition • Poor food grain storage	• Health & Nutrition for vulnerable groups, Malnutrition and Sickle cell anemia awareness • Drudgery reduction technology for farm women • Value addition in Agricultural crops • Breeding, Feeding & Dairy management of milch animals • Low cost green house and small scale Nursery Management • Off-season cultivation of high valued crops • Capacity building and Group dynamics
7	Songadh	Songadh	Ukhalda	Paddy, Sugarcane, Sorghum, Gram, Groundnut, Pigeon pea, Okra, Cucurbitaceous vegetables, Animal Husbandry	• Lack of knowledge about new agricultural technology • Lack of awareness about scientific rearing of Animal Husbandry & poultry • Scarcity of water • Lack of awareness about organic farming • Poor food grain storage practices • Lack of awareness about Health & Nutrition • Drudgery among farm women during Agril. practices • Lack of Knowledge about value addition of Agril. produce • Sickle cell Anemia • Poor economic condition	• Integrated Crop Management (ICM and precision Farming • Organic farming • Integrated Nutrient Management • Integrated Pest and Disease Management • Soil and Water conservation • Women empowerment and self reliability through Entrepreneurial development • Health & Nutrition for vulnerable groups, Malnutrition and Sickle cell anemia awareness • Drudgery reduction technology for farm women • Value addition in Agricultural crops • Breeding, Feeding & Dairy management of milch animals & poultry management • Off-season cultivation of high valued crops • Capacity building and Group dynamics
8			Bedvan-pra-Bhensrot	Paddy, Sugarcane, Sorghum, Gram, Groundnut, Pigeon pea, Okra, Cucurbitaceous vegetables,	• Lack of knowledge about new agricultural technology • Low adoption of new technology • Lack of awareness about scientific rearing of Animal Husbandry • Scarcity of water • Lack of awareness about organic farming	• Integrated Crop Management (ICM) and precision Farming • Organic farming • Integrated Nutrient Management • Integrated Pest and Disease Management • Soil and Water conservation • Women empowerment and self reliability

Sl. No.	Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
				Animal Husbandry	• Poor food grain storage practices • Lack of awareness about Health & Nutrition • Drudgery among farm women during Agril. practices • Lack of Knowledge about value addition of Agril. produce • Poor economic condition	through Entrepreneurial development • Health & Nutrition for vulnerable groups, Malnutrition and Sickle cell anemia awareness • Drudgery reduction technology for farm women • Value addition in Agricultural crops • Breeding, Feeding & Dairy management of milch animals • Off-season cultivation of high valued crops • Capacity building and Group dynamics
9	Uchchhal	Uchchhal	Mohini	Paddy, Sugarcane, Cotton, Sorghum, Pigeon pea, Soybean, vegetables, Animal Husbandry	• Lack of knowledge about scientific package of practices of different crops • Lack of knowledge about insects — pests & diseases • Injudicious use of chemical pesticide in cotton • Lack of awareness about organic farming • Scarcity of water • Poor food grain storage practices • Lack of awareness about Health & Nutrition • Drudgery among farm women during Agril. practices • Lack of Knowledge about preservation of Agril. produce • Inadequate intake of fruits & vegetables • Sickle cell Anemia • Poor livestock management • Poor economic condition	• Integrated Crop Management(ICM) and precision Farming • Organic farming • Integrated Nutrient Management • Integrated Pest and Disease Management • Soil and Water conservation • Women empowerment and self reliability through Entrepreneurial development • Health & Nutrition for vulnerable groups, Malnutrition and Sickle cell anemia awareness • Drudgery reduction technology for farm women • Value addition in Agricultural crops • Breeding, Feeding & Dairy management of milch animals • Dry land horticulture • Capacity building and Group dynamics
10			Vadgam	Paddy, Sugarcane, Cotton, Sorghum, Pigeon pea, vegetables, Animal Husbandry	• Lack of knowledge about scientific package of practices of different crops • Lack of knowledge about insects — pests & diseases • Injudicious use of chemical pesticide in cotton • Lack of awareness about organic farming	• Integrated Crop Management(ICM) and precision Farming • Organic farming • Integrated Nutrient Management • Integrated Pest and Disease Management • Soil and Water conservation • Women empowerment and self reliability

Sl. No.	Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
					• Scarcity of water • Poor food grain storage practices • Lack of awareness about Health & Nutrition • Drudgery among farm women during Agril. practices • Lack of Knowledge about preservation of Agril. produce • Sickle cell Anemia • Poor livestock management • Poor Socio-economic condition	through Entrepreneurial development • Health & Nutrition for vulnerable groups, Malnutrition and Sickle cell anemia awareness • Drudgery reduction technology for farm women • Value addition in Agricultural crops • Breeding, Feeding & Dairy management of milch animals • Dry land horticulture • Capacity building and Group dynamics
11	Kukarmunda	Kukarmunda	Kelni	Paddy, Sugarcane, Wheat, Cotton, Sorghum, Pigeon pea, vegetables, Animal Husbandry	• Lack of technological knowledge(ICM, INM,IPDM) among farmers/ Farm women • Lack of knowledge about insect — pest identification & their management • Injudicious use of chemical pesticides • Lack of awareness about organic farming • Poor marketing facility • Lack of availability of Agril. inputs • Poor grain storage practices • Lack of Knowledge about preservation of Agril. produce • Poor Livestock management	• Integrated Crop Management(ICM and precision Farming • Organic farming • Integrated Nutrient Management • Integrated Pest and Disease Management • Soil and Water conservation • Women empowerment and self reliability through Entrepreneurial development • Health & Nutrition for vulnerable groups, Malnutrition and Sickle cell anemia awareness • Drudgery reduction technology for farm women • Value addition in Agricultural crops • Breeding, Feeding & Dairy management of milch animals • Dry land horticulture • Capacity building and Group dynamics
12	Nizar	Nizar	Laxmikheda	Paddy, Wheat, Cotton, Castor, Sorghum, Pigeon pea, vegetables, Animal Husbandry	• Poor marketing facility • Lack of technological knowledge about crop production practices • Injudicious use of chemical pesticide/ fertilizers • Lack of awareness about organic farming • Viral disease problem in fruits & vegetables • Weed management in black soil is a big	• Integrated Crop Management(ICM and precision Farming • Organic farming • Integrated Nutrient Management • Integrated Pest and Disease Management • Soil and Water conservation • Women empowerment and self reliability through Entrepreneurial development

Sl. No.	Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
					problem • High production cost due-to lift irrigation • Poor grain storage practices • Lack of Knowledge about preservation of Agril. produce • Poor Livestock management • Sickle cell anemia	• Health & Nutrition for vulnerable groups, Malnutrition and Sickle cell anemia awareness • Drudgery reduction technology for farm women • Value addition in Agricultural crops • Breeding, Feeding & Dairy management of milch animals • Dry land horticulture • Capacity building and Group dynamics

2.8 Priority thrust areas

1. Introduction of improved variety
2. Balanced fertilizers and eco-friendly pest and disease management
3. Ration balancing for dairy animals
4. Health & Nutrition for vulnerable groups among farm women
5. Drudgery reduction technology for farm women
6. Women/youth empowerment through Entrepreneurial development

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
5	58	Crop based-**80 ha**	285
		Mushroom Cultivation	25
		Farm implements (Drudgery reduction)	15 SHGs
		Animal science	105
		Total	**15 SHGs & 415 farmers**

Training		**Extension Activities**	
(3)		**(4)**	
Number of Courses	Number of Participants	Number of activities	Number of participants
33	815	408	4585

Seed Production (Qtl.)	**Planting material (Nos.)**	**Fish seed prod. (Nos)**	**Soil Samples**
(5)	**(6)**	**(7)**	**(8)**
275.70	As per farmers demand	-	800

3.1. B. Operational areas details proposed during 2018-19

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.)*
	Given below			Dolara, Zankhari, Bardipad, Jamaliya, Kaher, Kalamkui, Ukhalda, Bedvan-pra-Bhensrot, Mohini, Vadgam, Laxmikheda, Kelni	Given below

* Support with problem-cause and interventions diagram

*Interventions to be undertaken

Sl. No	Crop/ Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities
1	Paddy, Indian bean , Tomato, brinjal, okra, chickpea, soybean, sugarcane	Very less production in existing variety and lack of awareness in farmers, Unaware about scientific cultivation of different crop	Assessment of chickpea, okra varieties,	New Varieties of Paddy, Indian bean, Tomato and brinjal	Scientific cultivation of Vegetable crops, Integrated crop management in major crops (Paddy, Cotton, Soybean, Pigeon pea, sugarcane), Water use efficiency in field crops (Paddy, Cotton, sugarcane) Integrated Farming system	Scientific cultivation of Okra, tomato, Indian bean, brinjal	Field visit, Field Day, diagnostic visit, FLD visit, Khedut shibirs, News paper coverage, Exhibitions, *etc*.
2	Paddy	High dose of chemical fertilizers, no use of bil-fertilizers	--	INM in paddy	Integrated Nutrients management in major crops (Paddy, sugarcane, cotton, groundnut)	--	Field visit, Field Day, diagnostic visit, FLD visit, Khedut shibirs, News paper coverage, Exhibitions, *etc*.
3	Mango	Low cost inputs for Organic farming	Foliar application of different organic inputs on mango	Effect of novel organic liquid fertilizer in mango and little gourd	Preparation and use of different organic inputs and vermin-compost, Use of bio	Preparation of different organic inputs, Scientific	Field visit, Field Day, diagnostic visit, fld visit, Khedut shibirs, News paper coverage, Film show, Exhibitions, *etc* .

Sl. No	Crop/ Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities
					fertilizer	cultivation of different crops	
4	Nursery management	Lack of availability of quality planting material	-	-	Nursery management	-	Method demo. and vocational training
5	Ber, custard apple, Jamun, dragon fruit. aloevera	Undulating and uneven soil, scarcity of water	-	-	Cultivation of fruit crops	-	Khedut shibir, group meeting, Field visits, Method demo., Film show, *etc*.
6	Horticultural crops	Lack of awareness about water management as well as post harvest management	-	-	Micro-irrigation system, grading and standardization, protected cultivation	-	Khedut shibir, group meeting, Field visits, Method demo., Film show, *etc*.
7	Okra, cluster bean, cucurbits, cowpea *etc.*	Less income in on-season	-	-	Off season vegetable cultivation	-	Group meeting, Field visit,, diagnostic visit, *etc*.
8	Paddy, Cotton, Brinjal, Pigeonpea, Ridge goard, okra, gram	Injudious use of pesticides,	Assessment of pheromone trap technology for mass trapping of *Earias vitella* Fabricius in Okra	IPM & IDM in paddy, cotton, Brinjal, Pigeonpea, Ridge goard, okra, gram	Integrated Pest and Disease Management in Kharif crops (Paddy, Cotton, Pigeon pea, Gram), Integrated Pest and Disease management in Vegetables and fruits(Brinjal, Okra, Cucurbits, Mango, Papaya), IPDM in *rabi* crops (Okra, Gram, Sugarcane) Ecofriendly use of Agrochemicals in Agriculture, Role of bio-agents and bio-pesticides in IPDM		Field visit, Field Day, diagnostic visit, FLD visit, Khedut shibirs, News paper coverage, Exhibitions,Method Demonstration *etc*.

Sl. No	Crop/ Enterprise	Identified Problem	Interventions				
			Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities
9	Mushroom Cultivation		--	Mushroom Cultivation	Mushroom Cultivation	--	Field visit, Field Day, diagnostic visit, FLD visit, Khedut shibirs, News paper coverage, Exhibitions,Method Demonstration *etc*
10	Paddy, Vegetables, Gram	No use of farm implements	--	Use of Paddy thresher to reduce women drudgery, Use of Twin Wheel Hoe weeder for weeding to reduce women drudgery	Organic Kitchen gardening, Location specific drudgery reduction technologies for farm women, Value addition in fruits and vegetables, Health and Nutritional care of farming women /rural youth	Eco-friendly bag making, Preparation of decorative articles from coconut fibres	Field visit, Field Day, diagnostic visit, FLD visit, Khedut shibirs, News paper coverage, Exhibitions,Method Demonstration *etc*.
11	Goat	Infestation of parasites	--	Narrow-spectrum Anthelmentic for Fluke in goat	Management practices for higher milk production in dairy animals, Backyard Poultry and goattery, Management Prevention of infectious diseases in dairy animals, Feedsand fodder management in dairy animals	--	Field visit, Field Day, diagnostic visit, FLD visit, Khedut shibirs, News paper coverage, Exhibitions,Method Demonstration *etc*.
12	Buffalo	For ration balancing in cattle, repeat breeding due to mineral deficiency,	Effect of Compound cattle feed on milk production of buffalo	Infertility cure in Buffalo, Correction of negative energy balance in buffaloes		--	Field visit, Field Day, diagnostic visit, FLD visit, Khedut shibirs, News paper coverage, Exhibitions,Method Demonstration *etc*.
13	Cattle	Mastitis due to bacterial infection, lower digestibility of feed & fodder		Prevention of Mastitis in Cow, Increase in production performance of Cattle		--	Field visit, Field Day, diagnostic visit, FLD visit, Khedut shibirs, News paper coverage, Exhibitions,Method Demonstration *etc*
14	Backyard Poultry	Lower egg production	--	Scientific feeding by layer mash	Backyard Poultry Management	--	Field visit, Field Day, diagnostic visit, FLD visit, Khedut shibirs, News paper coverage, Exhibitions,Method Demonstration *etc*

Interventions: ON FARM TESTING

S.N.	Particulars	Technology Intervention
1	Assessment of pheromone trap technology for mass trapping of *Earias vitella* Fabricius in Okra (Continue)	Use of pheromone traps (@ 60 traps/ha) for mass trapping of *Erias vitella* male adults
2	Assessment of chick pea variety (Continue)	Variety: GG-3
3	Effect of Compound cattle feed on milk production of buffalo (Continue)	Use of compound cattle feed and area specific minerals mixture
4	Assessment of okra varieties in Tapi district (New)	High yielding variety and Scientific cultural practices
5	Assessment of foliar application of different organic inputs on mango (New)	Use of organic inputs and Scientific cultural practices

Interventions: (PROBLEM CAUSE DIAGRAM)

1. Assessment of okra varieties in Tapi district

Most of the farmers of Tapi district are growing okra crop. Day by day increasing the area of okra in this district gives comparatively lower yield. Large number of hybrids available in the market but cost of seeds as well as higher incidence of pest and diseases. Assessment of such public varieties in Tapi district for best performance variety of okra for growth, yield and quality characters for avoid these problems, OFT is taken

Reasons of low productivity:
1. Lack of knowledge of high yielding new variety.
2. Higher Infestation of pest and disease

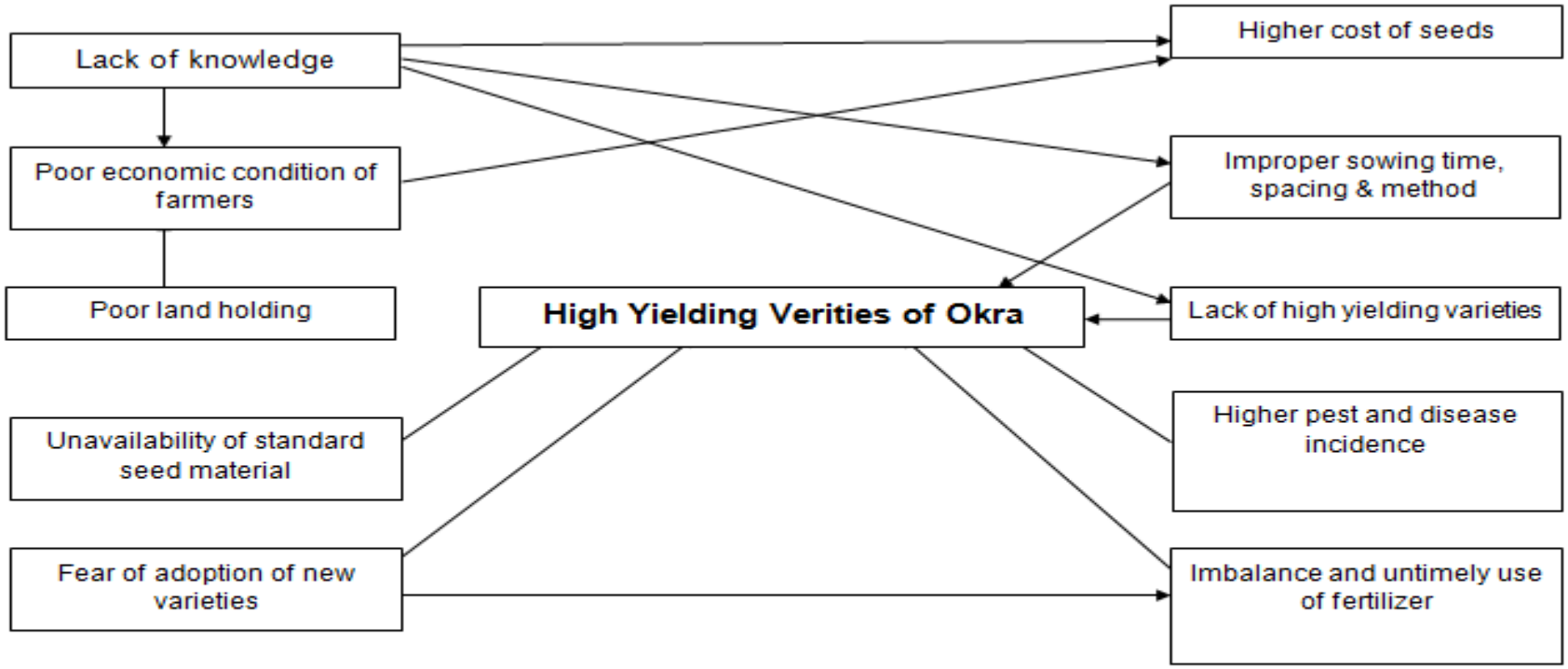
Intervention Point:
1. High yielding variety.
2. Seed treatment with fungicides
3. Use of Recommended fertilizer.
4. Proper sowing method and spacing of okra.

Technology Intervention:
1. High yielding variety.
2. Scientific cultural practices

Treatment: 1) Arka Nikita (IIHR, Banglore)
2) Kashi Bhairav (IIVR, Varanasi)
3) GJOH-4 (JAU, Junagarh)

Plot size: - 0.10 ha
No. of farmers: - 20
Critical input to be supplied: seeds
Observations to be recorded:

1. Days taken for germination
2. Plant height (cm) at 30 & 60 days after planting
3. No. of branches at 30 & 60 days after planting
4. Days taken for first picking
5. No. of pods per plant
6. Yield/plant
7. Yield/ha



PROBLEM CAUSE DIAGRAM

2. Assessment of foliar application of different organic inputs on mango

In Tapi district major cultivated fruit crop is Mango. Foliar application of chemical fertilizers increase cost as well as increase incidence of pest but application of organic fertilizer reduces the cost and pest incidence in mango plant. Assessment of such organic inputs for check best performance in yield and quality characters, OFT is taken

Reasons of low productivity:

- Excess and uneven use of chemical fertilizers
- Lack of awareness about time and methods of fertilizer application

Intervention Point:

1. Foliar application of organic inputs
2. Use of Recommended fertilizer dose
3. Time of nutrient application (November and March)

Technology Intervention:

1. Use of organic inputs
2. Scientific cultural practices

Treatments:

T_1 Jeevamrut 2%

T_2 Panchgavya 2%

T_3 Foliar application of novel organic liquid fertilizer 2%

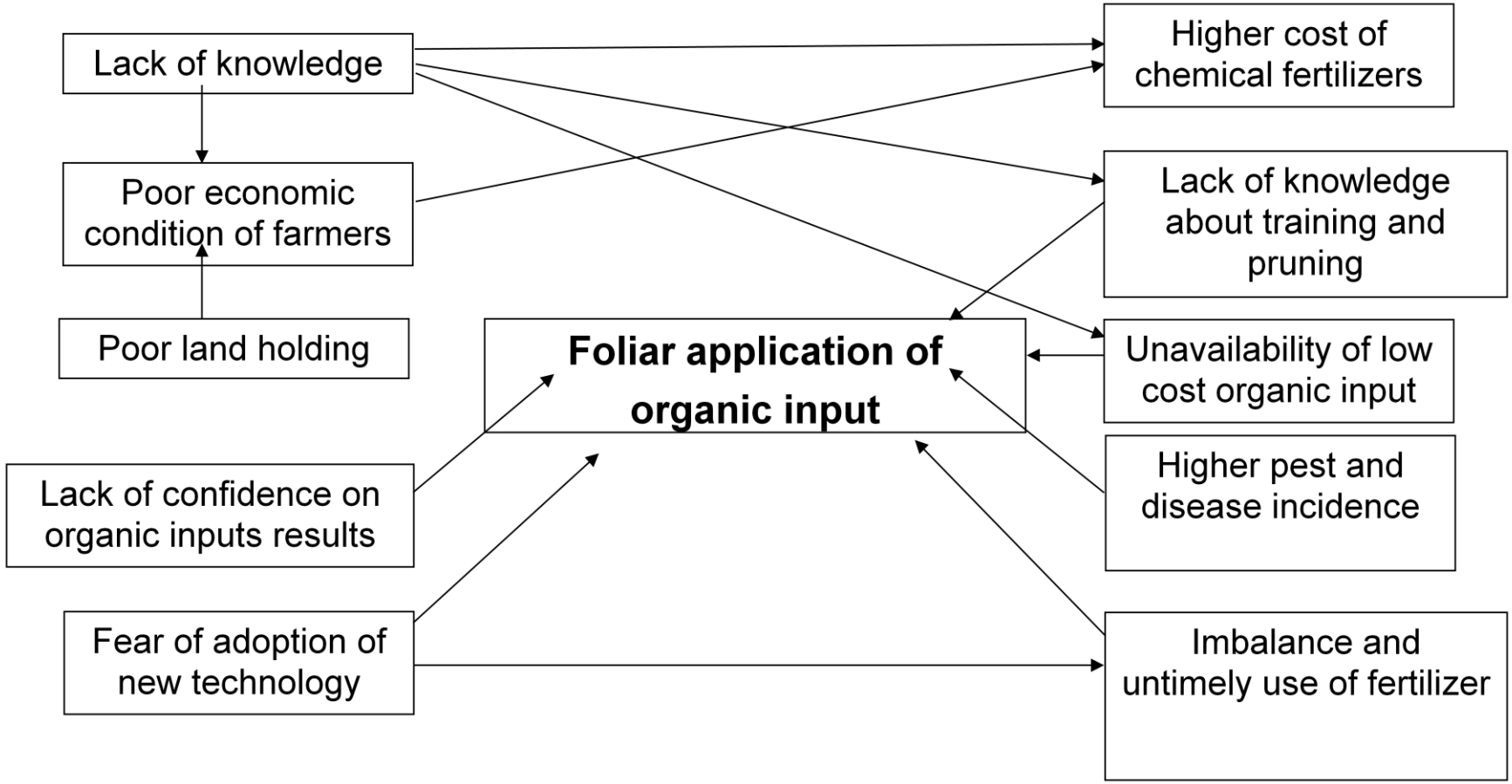
Plot size: - 0.24ha

No. of farmers: - 10

Critical input to be supplied: Organic inputs

Observations to be recorded:

1. Date of Ist flower initiation
2. No. of fruits per panicle (in May)
3. No. of fruits harvest/plant
4. Yield per plant (kg)
5. Yield per hectare (Quintal)
6. TSS (%)



PROBLEM CAUSE DIAGRAM

3.2 Technologies to be assessed and refined

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	0	0	0	0	2	0	0	0	0	2
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 Mgt.	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	1	0	0	0	1
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	**0**	**0**	**0**	**0**	**3**	**1**	**0**	**0**	**0**	**4**

A.2. Abstract on the number of technologies to be refined in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Kitchen garden	Tuber Crops	TOTAL
Varietal Evaluation	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0
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
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0
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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

A.3. Abstract on the number of technologies to be assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds	-	-	-	-	-	-	-	-
Nutrition Management	-	-	-	-	-	-	-	-
Disease of Management	-	-	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-	-	-
Feed and Fodder	1	-	-	-	-	-	-	1

Small Scale income generating enterprises	-	-	-	-	-	-	-	-
TOTAL	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**1**

A.4. Abstract on the number of technologies to be refined in respect of livestock / enterprises

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

B. Details of On Farm Trial / Technology Assessment during 2018-19

S. No.	Crop/ enterprise	Prioritized problem	Title of OFT	Technology options	Source of Technology	Name of critical input	Qty per trial	Cost per trial	No. of trials	Total cost for the OFT(Rs.)	Parameters to be studied	Team members
1	Okra	Due to use of costly hazardous pesticides injudiciously, cost of cultivation increases and ultimately	Assessment of pheromone trap technology for mass trapping of *Earias vitella* Fabricius	1. Farmers practices as injudicious and indiscriminate use of chemical pesticides	AAU, Anand	Pheromone traps, Ervitlure	12-Pheromone traps, 36-Ervitlure	690	5	3450	1. No. of total shoots and damaged shoots from 20 randomly selected plants at 7 days interval	Dr.S.M.Chavan Dr.P.D.Verma

		it reduces the net profit.	in Okra								during early infestation 2. Weight of healthy and damaged fruits at each picking 3. No. of moth catches per trap per week 4. B:C ratio	
				2.Installation of pheromone traps @ 60 traps/ha								
2	Chickpea	Lack of awareness about improved variety chickpea, Poor productivity of chickpea	Assessment of chickpea varieties in Tapi district	1 : Farmers practices (own seed) 2 : GG-2 3 : GG-3	NAU, Navsari	Improved Seeds	24 kg improved seeds	1666	6	10000	- Plant height (cm) - No. Of Branches/ plant - No. of Pod/branches - No. of pod/ plant - Grain yield kg/ha - Economics	Dr.M.R.Gami Dr.P.D.Verma
3	Livestock	Lower productivity	Effect of Compound	1.It will consists of	NDDB, Anand	Sumul Dan as	450-Sumul	9270	6	55620	1. Milk product	Dr.J.K.Movaliya

		of animals	cattle feed on milk production of buffalo	six animals and fed with farmer's practice (raw materials like cotton seed cake, guar bhardo and maize cake etc.) **2**: It will consist of six animals and will be fed with concentrate (Sumul Dan) and mineral mixture as per recommendations on basis of milk production for ninety days.		per BIS Type –II, Area Specific mineral mixture	Dan, 5 kg mineral				ion 2. Dairy feeding cost	Dr.P.D.Verma
4	Okra	.Lack of knowledge of high yielding new variety, Higher Infestation of pest and disease	**Assessment of okra varieties in Tapi district**	1.Arka Nikita 2. Kashi Bhairav 3.GJOH-4	IIHR-Bengaluru, IIVR-Varanasi, JAU-Junagadh	Hybrid Seeds	500 gm-Arka Nikita, 500 gm-Kashi Bhairav, 500 gm, GJOH-4	1800	20	36000	1. Days taken for germination 2. Plant height (cm) at 30 & 60 days after planting 3. No. of	Dr.P.K.Modi Dr.P.D.Verma

											branches at 30 & 60 days after planting 4. Days taken for first picking 5. No. of pods per plant 6. Yield/plant 7. Yield/ha	
5	Mango	Excess and uneven use of chemical fertilizers, Lack of awareness about time and methods of fertilizer application	Assessment of foliar application of different organic inputs on mango	1. Jeevamrut 2% 2 Panchgavya 2% 3 Foliar application of novel organic liquid fertilizer 2%	NAU, Navsari	Organic inputs	Farmers prepared required quantity at their own farm and only novel organic liquid fertilizer 5 lit/farmer will be given	1650	10	16500	1. Date of Ist flower initiation 2. No. of fruits per panicle (in May) 3. No. of fruits harvest/plant 4. Yield per plant (kg) 5. Yield per hectare (Quintal) 6. TSS (%)	Dr.P.K.Modi Dr.P.D.Verma

3.2 Frontline Demonstrations

A. Details of FLDs to be organized.

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs /ha	Season and year	Area (ha)	No. of farmers/ demon.	Parameters identified	Estimated Cost
1	Paddy	GNR-6	ICM	ICM	Seed	Kharif 2018	10	25	No.of Tillers, No. of panicales, No. of grain / panicales, No. of grain/plant, Grain yield/plant, Grain yield kg/ha, Foder yield kg/ha	7500
2	Paddy	NAU Hybrids GNRH-1	INM	INM	Seed, Biofertilizers, Azotobacter &PSB	Kharif 2018	15	40	No.of Tillers, No. of panicales, No. of grain / panicales, No. of grain/plant, Grain yield/plant, Grain yield kg/ha, Foder yield kg/ha	50000
3	Paddy	Purna	ICM	High yielding new variety	seed	Kharif 2018	5	13	No.of Tillers, No. of panicales, No. of grain / panicales, No. of grain/plant, Grain yield/plant, Grain yield kg/ha, Foder yield kg/ha	3450
4	Soybean	NRC-37	ICM	New variety	Seed	Kharif 2018	10	25	plant population, no.of branches, no. of pod/branches, no. of pod/plant, seed yield/plant, seed yield kg/ha	23500
5	Sugar-cane	CON-13073	ICM	High yielding new variety	Sets	Rabi 2018	4	20	Plant height, No. of tillers, TSS, Yield t/ha	150000
7	Cotton	Bt	IPM & IDM	IPM & IDM	Pheromone traps, Bio &, Chemical pesticides	Kharif 2018	4	10	Pest & Disease, Yield and yield attributes	17000
8	Paddy	Released by NAU	IPM & IDM	IPM & IDM	Pheromone traps, Bio &, Chemical pesticides	Kharif 2018	4	10	Pest & Disease, Yield and yield attributes	25500
9	Brinjal	Surti Ravaiya	IPM & IDM	IPM & IDM	Pheromone traps,YST, Bio &, Chemical pesticides	Kharif 2018	4	16	Pest & Disease, Yield and yield attributes	33120
10	Pigeonpea	Vaishali	IPM & IDM	IPM & IDM	Pheromone traps,, Bio &, Chemical pesticides	Kharif 2018	4	10	Pest & Disease, Yield and yield attributes	15200
11	Ridge	Hybrid	IPM &	Management	Fruit fly trap Cue-	Kharif 2018	2	10	% fruit infestation, Yield and yield	6700

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs /ha	Season and year	Area (ha)	No. of farmers/ demon.	Parameters identified	Estimated Cost
	gourd		IDM	of Fruit fly	lure, biopesticides				attributes	
12	Okra	Hybrid	IPM & IDM	IPM & IDM	Pheromone traps, YST,Bio & chemical pesticides	Rabi-2018	4	16	Pest & Disease, Yield and yield attributes	54640
13	Gram	GJG-3	IDM	IDM	Bio-pesticide (Trichoderma)	Rabi-2018	4	10	Disease, Yield and yield attributes	1200
14	Brinjal-	GAOB-2	ICM	New & high yielding variety	Seedlings	Rabi-2018	2	15	Yield and yield attributes	12000
15	Tomato	Arka Rakshak	ICM	Intro.of new variety	Seedling	Rabi-2018	2	15	Yield and yield attributes	16000
16	Indian bean	GNIB-21/GNIB-22	ICM	New variety	Seeds	Kharif-2018	2	30	Yield and yield attributes	16000
17	Mango	Kesar	INM	Effect of Novel organic liquid ferti.	Novel organic liquid fertilizer	2018-19	2	10	Yield and yield attributes	6500
18	Little gourd	GNLG-1	INM	Effect of Novel organic liquid fert.	Novel organic liquid fertilizer	Kharif-2018	2	10	Yield and yield attributes	5200
							80	285		
									Total cost	**443510**

Sponsored Demonstration: --As per budget allotment from other project--

Crop	Area (ha)	No. of farmers

B. Extension and Training activities under FLDs

Sl. No.	Activity	No. of activities	Month	Number of participants
1	Field days	15	2018-19	1500
2	Farmers meeting	34	2018-19	760
3	Media coverage	7	2018-19	--
4	Training for extension functionaries	4	-	90

C. Details of FLD on Enterprises

a. Farm Implements

Name of the implement	Crop/ Enterprise	Season and year	No. of Farm women	Area (ha)	Critical inputs	Performance parameters / Indicators	Estimated cost (Rs.)
Use of Paddy thresher to reduce women drudgery	Paddy	*Kharif*-2018	5 SHGs	-	Paddy thresher (with motor)	Field capacity(ha/hr), Labour requirement (man-h/ha), Cost of operation (Rs./ha/day), drudgery parameters like physical hazards, muscle stress, fatigue *etc*.	75000
Use of Winnowing fan to reduce women drudgery	All crops	2018-19	10 SHGs	-	Winnowing fan (power operated)	Field capacity(ha/hr), Labour requirement (man-h/ha), Economics, drudgery parameters like physical hazards, muscle stress, fatigue *etc*.	70000
Use of Twin wheel hoe weeder to reduce women drudgery	Vege./ Pulses	Rabi-2018-19	50	-	Twin wheel hoe weeder	Field capacity(ha/hr), Labour requirement (man-h/ha), Cost of operation (Rs./ha/day), drudgery parameters like physical hazards, muscle stress, fatigue *etc*.	67500
						Total	**212500**

b. Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. *etc*.	Critical inputs/animal	Performance parameters/ Indicators	Estimated FLD cost Rs.
Goat : Narrow-spectrum Anthelmentic for Fluke	Marwadi	20	50	Triclabendazole tablets	Body weight gain	5000
Buffalo: Infertility cure in Buffalo	Surti	20	20	Trace elements bolus and Clomiphen tablets	Service Period	15000
Buffalo: Correction	Mehsani	15	15	Bypass fat	Milk yield	10000

of negative energy balance in buffaloes.				supplement		
Cattle: Prevention of Mastitis in Cow	H.F	30	30	Saaf Kit (Iodine solution)	No. of Mastitis case	7500
Cattle: Increase in production performance of Cattle	H.F	20	20	Probiotic powder for three month	Milk yield	12000
Poultry-Scientific feeding by layer mash	Backyard Poultry	10	100	Layer Mash	Egg production	25000
		115	**235**		**Total cost**	**74500**

c. FLD on Other enterprises

Entrprise	Name of the technology demonstrated	No. of Farmer	No.of units	Critical inputs	Performance parameters / indicators	Estimated Cost (Rs.)
Mushroom	Mushroom cultivation (Oyster)	25	25	Spawn, Formaline, carbendazim, Plastic bags	Mushroom yield	25000

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	10	20	20
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	1	0	0	0	10	10	20	20
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	1	0	0	0	10	10	20	20
Off-season vegetables	1	0	0	0	10	10	20	20
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	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Houses, Shade Net *etc*.)								
b) Fruits								
Training and Pruning	0	0	0	0	0	0	0	0
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	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
III Soil Health and Fertility Management								
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0
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
IV Livestock Production and Management								
Dairy Management	1	0	0	0	10	10	20	20
Poultry Management	1	0	0	0	10	10	20	20
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

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
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	20	20	20
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	1	0	0	0	0	20	20	20
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0
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	1	0	0	0	10	10	20	20
Integrated Disease Management	1	0	0	0	10	10	20	20
Bio-control of pests and diseases	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
VIII Fisheries								
Integrated fish farming	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
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
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
X Capacity Building and Group Dynamics								
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	1	0	0	0	10	10	20	20
WTO and IPR issues	0	0	0	0	0	0	0	0
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
XII Others (Pl. Specify)								
TOTAL	**11**	**0**	**0**	**0**	**90**	**130**	**220**	**220**
(B) RURAL YOUTH								
Mushroom Production	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Production of organic inputs	1	0	0	0	10	10	20	20
Integrated Farming (Medicinal)	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0
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

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Training and pruning of orchards	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
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	**1**	**0**	**0**	**0**	**10**	**10**	**20**	**20**
(C) Extension Personnel								
Productivity enhancement in field crops	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Nutrient management	2	0	0	0	40	-	40	40
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
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	0	0	0	25	5	30	30
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
WTO and IPR issues	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	0	0	0	20	20	20
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
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	**4**	**0**	**0**	**0**	**65**	**25**	**90**	**90**
G. Total	**16**	**0**	**0**	**0**	**165**	**165**	**330**	**330**

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	0	0	0	10	20	30	30
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0
Integrated Farming	1	0	0	0	10	20	30	30
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	1	0	0	0	10	20	30	30
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	1	0	0	0	10	15	25	25
Off-season vegetables	0	0	0	0	0	0	0	0
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	1	0	0	0	10	20	30	30
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	0	0	0	0	0	0	0	0
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	1	0	0	0	10	20	30	30
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								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
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
III Soil Health and Fertility Management								
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0
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
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	1	0	0	0	10	20	30	30
Feed management	1	0	0	0	10	20	30	30
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	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0
Value addition	1	0	0	0	0	30	30	30
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
technologies								
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	1	0	0	0	0	30	30	30
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	1	0	0	0	15	15	30	30
Integrated Disease Management	1	0	0	0	15	15	30	30
Bio-control of pests and diseases	1	0	0	0	15	15	30	30
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
VIII Fisheries								
Integrated fish farming	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
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
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
X Capacity Building and Group								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Dynamics								
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	1				10	15	25	25
WTO and IPR issues	0	0	0	0	0	0	0	0
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
XII Others (Pl. Specify)								
TOTAL	**14**	**0**	**0**	**0**	**135**	**275**	**410**	**410**
(B) RURAL YOUTH								
Mushroom Production	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
Integrated Farming (Medicinal)	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	1	0	0	0	10	5	15	15
Training and pruning of orchards	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
technology								
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	2	0	0	0	0	60	60	60
TOTAL	**3**	**0**	**0**	**0**	**10**	**65**	**75**	**75**
(C) Extension Personnel								
Productivity enhancement in field crops	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
WTO and IPR issues	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	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
G. Total	**17**	**0**	**0**	**0**	**145**	**340**	**485**	**485**

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	0	0	0	20	30	50	50
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0
Integrated Farming	1	0	0	0	10	20	30	30
Water management	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	2	0	0	0	20	30	50	50
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	2	0	0	0	20	25	45	45
Off-season vegetables	1	0	0	0	10	10	20	20
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	1	0	0	0	10	20	30	30
Protective cultivation (Green Houses, Shade Net *etc*.)	0	0	0	0	0	0	0	0
b) Fruits								
Training and Pruning	0	0	0	0	0	0	0	0
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	1	0	0	0	10	20	30	30
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
III Soil Health and Fertility Management								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0
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
IV Livestock Production and Management								
Dairy Management	1	0	0	0	10	10	20	20
Poultry Management	1	0	0	0	10	10	20	20
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	0	0	0	0	0	0	0	0
Disease Management	1	0	0	0	10	20	30	30
Feed management	1	0	0	0	10	20	30	30
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	20	20	20
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0
Value addition	1	0	0	0	0	30	30	30
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	1	0	0	0	0	20	20	20
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	1	0	0	0	0	30	30	30
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	0	0	0	25	25	50	50
Integrated Disease Management	2	0	0	0	25	25	50	50
Bio-control of pests and diseases	1	0	0	0	15	15	30	30
Production of bio control agents and	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
bio pesticides								
VIII Fisheries								
Integrated fish farming	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
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
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
X Capacity Building and Group Dynamics								
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	2	0	0	0	20	25	45	45
WTO and IPR issues	0	0	0	0	0	0	0	0
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
TOTAL	**25**	**0**	**0**	**0**	**225**	**405**	**630**	**630**
(B) RURAL YOUTH								
Mushroom Production	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Seed production	0	0	0	0	0	0	0	0
Production of organic inputs	1	0	0	0	10	10	20	20
Integrated Farming	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	1	0	0	0	10	5	15	15
Training and pruning of orchards	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
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	2	0	0	0	0	60	60	60
TOTAL	**4**	**0**	**0**	**0**	**20**	**75**	**95**	**95**
(C) Extension Personnel								
Productivity enhancement in field crops	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0
Integrated Nutrient management	2	0	0	0	40	-	40	40
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
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	0	0	0	25	5	30	30

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
WTO and IPR issues	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	0	0	0	20	20	20
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Total	**4**	**0**	**0**	**0**	**65**	**25**	**90**	**90**
G. TOTAL	**33**	**0**	**0**	**0**	**310**	**505**	**815**	**815**

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	15	750	750	1500	5	1	6	755	751	1506
Kisan Ghosthi	10	80	70	150	5	1	6	85	71	156
Exhibition	15	300	300	600	5	1	6	305	301	606
Film Show	30	315	315	630	5	1	6	320	316	636
Farmers Seminar	1	80	70	150	4	1	0	84	71	155
Group meetings	15	75	85	160	5	1	6	76	86	156
Lectures delivered as resource person	50	400	200	600	0	0	0	400	200	600
Newspaper coverage	6	0	0	0	0	0	0	0	0	0
Radio talks	As per AIR allotment	0	0	0	0	0	0	0	0	0
TV talks	As per allotment	0	0	0	0	0	0	0	0	0
Popular articles	7	0	0	0	0	0	0	0	0	0
Extension Literature	10	0	0	0	0	0	0	0	0	0
Advisory Services										
Scientific visit to farmers field	25	25	25	50	5	1	6	30	26	56
Farmers visit to KVK	500	250	250	500	5	1	6	255	251	506
Diagnostic visits	20	20	20	40	5	1	6	25	21	46
Exposure visits	1	25	25	50	5	1	6	30	26	56
Ex-trainees *Sammelan*	1	20	20	40	5	1	6	25	21	46
Animal Health Camp	1	50	50	100	5	1	6	55	51	106
Self Help Group Conveners meetings	2	0	26	26	0	1	1	0	27	2
Mahila Mandals Conveners	1	0	10	10	0	1	1	0	11	11

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
meetings										
Celebration of important days (specify)	1	10	20	30	5	1	6	15	21	36
Krishi Mohotsav (Rabi & Kharif)	2	1500	1500	3000	5	1	6	1505	1501	3006
Pre Kharif workshop	1	30	40	75	0	0	0	30	40	75
Pre Rabi workshop	1	30	40	75	0	0	0	30	40	75
PPVFRA workshop	1	50	50	100	5	1	6	55	51	106
Technology week	1	250	250	500	10	1	11	260	251	511
Telephone helpline	300	200	100	300	5	1	6	205	101	306
Method demonstration	25	125	125	250	5	1	6	130	126	256
Sample diagnosed in PHC	100	100	100	200	1	0	1	101	100	201
Total	**408**	**2295**	**2261**	**4566**	**36**	**8**	**44**	**2331**	**2269**	**4585**

3.6 Target for Production and supply of Technological products

SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
CEREALS	Paddy(Summer)	Gurjari	80.00
	Paddy(Summer)	Jaya	48.00
	Paddy(Kharif)	Gurjari	40.00
	Paddy(Kharif)	Jaya	50.00
	Paddy(Kharif)	GNR-3	35.00
	Paddy(Kharif)	IR-28	15.00
OILSEEDS	-	-	-
PULSES	Green gram	Meha	5.20
	Green gram	CO-4	2.50
VEGETABLES	-	-	-
		Total	**275.70**

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS	Mango	Kesar, Rajapuri, Sonpari	800
SPICES	-	-	-
VEGETABLES	Brinjal	As per farmers demand	As per farmers demand
	Tomato	As per farmers demand	
	Chilli	As per farmers demand	
	Little gourd	As per farmers demand	
	Pointed gourd	As per farmers demand	
	Bittergourd	As per farmers demand	
	Bottle gourd	As per farmers demand	
	Ridge gourd	As per farmers demand	

Sl. No.	Crop	Variety	Quantity (Nos.)
	Onion	As per farmers demand	
	Cauliflower	As per farmers demand	
	Cabbage	As per farmers demand	
FOREST SPECIES	-	-	
ORNAMENTAL CROPS	-	-	
		Total	

Bio-products

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
BIO PESTICIDES	**-**	**-**	**-**	**-**

LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
Cattle	-	-	-	-
GOAT	-	-	-	-
SHEEP	-	-	-	-
POULTRY	-	-	-	-
Pig farming	-	-	-	-
FISHERIES	-	-	-	-

4.1 Literature to be Developed/Published

A. KVK News Letter : Nil

Date of start : --

Number of copies to be published : --

B. Literature developed/published

Sl.No.	Topic	Number
1	Research paper each scientist (Total)	6
2	Technical reports	12
3	News letters	0
4	Training manual all discipline	6
5	Popular article	7
6	Extension literature	10
	Total	**41**

C. Details of Electronic Media to be Produced

Sl. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1	DVD	KVK activities of all disciplines	1
2	DVD	Importance of plug nursery for vegetable crop production	1

D. Success stories/Case studies identified for development as a case. - Success story / Case studies will be prepared as per suggested format.

a. Brief introduction
b. Interventions
c. Output
d. Outcomes
e. Impact
    i) Social economic
    ii) Bio-Physical
f. Good Action Photographs

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

a) PRA
b) Group discussion
c) Field level observation

Rural Youth

a) PRA
b) Group discussion
c**)** Group meeting& Field level observation

In-service personnel

a) Discussion with extension workers
b) Discussion with line department officials
c) Discussion with NGOs

5.2 Indicate the methodology for identifying OFTs/FLDs

For OFT :

i) PRA
ii) Problem identified from Matrix
iii) Field level observations
iv) Farmer group discussions

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):**

Sl.No.	Name of block	Name of Village	Villages adopted in theYear
1	Vyara	Dolara	2015-16
2	Vyara	Zankhari	2015-16
3	Dolvan	Bardipada	2015-16
4	Dolvan	Jamaliya	2015-16
5	Valod	Kaher	2015-16
6	Valod	Kalamkui	2015-16
7	Songadh	Ukhalda	2015-16
8	Songadh	Bedvan-pra-Bhensrot	2015-16
9	Uchchhal	Mohini	2015-16
10	Uchchhal	Vadgam	2015-16
11	Kukarmunda	Kelni	2015-16
12	Nizar	Laxmikheda	2015-16

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

Sl.No.	Name of block	Name of Village	No. of Farm families
1	Vyara	Dolara	461
2	Vyara	Zankhari	666
3	Dolvan	Bardipada	197
4	Dolvan	Jamaliya	40
5	Valod	Kaher	405
6	Valod	Kalamkui	477
7	Songadh	Ukhalda	456
8	Songadh	Bedvan-pra-Bhensrot	132
9	Uchchhal	Mohini	539
10	Uchchhal	Vadgam	112
11	Kukarmunda	Kelni	45
12	Nizar	Laxmikheda	232

iii. No. of survey/PRA conducted : 12

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

ICM, IPM, INM, IDM, Organic farming, Soil & water conservation, High tech horticulture, Small scale nursery management, Value addition, Health & Nutrition, Women empowerment, Drudgery reduction technology, Breeding/feeding/Dairy management of milch animals, Capacity building and Group dynamics

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

New varieties of cereals, pulses, sugarcane, vegetables, IPDM in cereals, pulses, vegetables, Use of bio-fertilizers, Use of twin wheel hoe weeder, Paddy thresher (with motor), Feed & Fodder Management, Nutrition Management, Disease Management in Animals,

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

Production will be increased by adopting new technologies and there by income too. Employment will also be increased due to vocational and skill development trainings. Detail impact analysis will be done.

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

- **Unavailability of timely fund.**
- **Low technical know-how due to lack of literacy among the farmers.**
- **Poor economic condition of the farmers.**
- **Lack of irrigation facility**

6. LINKAGES

6.1 Functional linkage with different organizations

Sl.No.	Name of organization	Nature of Linkage
1.	Dept. of Agriculture	Participation * *Khedut Shibir/Krishi Mela* * Soil Health Card * Extension Activities
2.	Dept. of Horticulture	Participation * Khedut Shibir * Extension Activities, NHB & NHM
3.	ATMA	Participation

Sl.No.	Name of organization	Nature of Linkage
	(Tapi/Navsari/Kheda/Vadodara/Narmada)	* Khedut Shibir / Mahila Shibir * Extension Activities * Training Programmes, FLDs
4.	Main Cotton Res. Station, NAU, Surat	Collaboration – FLD on Cotton IPM Mission in Nizar block
5.	Main Water Management Research Unit, NAU, Navsari	Collaboration – FLD on Soil & Water management, Greenhouse, Drip Irrigation
6.	Research Stations, NAU	Participation – Extension activities, Seeds – FLDs & OFT
7.	FTC, Vyara	Joint implementation – Farmers visit and guest lectures, Farmer's Fair, Trainings
8.	Govt. of Gujarat	Collaboration – *Krishi Mahotsav*, ATMA Convergence
9.	State Bank of India / Bank of Baroda	SHG work – Finance for entrepreneurship-development
10.	Integrated Child Development Services	For technical guest lecture for ICDS Training Centre
11.	RSETI, Vyara	Organizing Self Employment Training for Farm women & organic farming programmes
12.	DIC, Vyara	For Agro-based industries trainings and finance to the needy clienteles.
13.	NAU, Navsari	For Technical products, technical guidance and supports.
14.	JAU, Junagadh	For Technical guidance and FLDs input
15.	SEWA, Vyara	For Training Programmes, Extension activities & technical support
16.	*JIVAN DEEP*AADIVASI *MAHILA* BACHAT ANE DHIRAN KARNARI SAHAKARI MANDALI, Bardipada	For Trainings, FLDs, extension activities
17.	Dr. Ambedkar Vanvasi Kalyan Trust, Surat	Trainings, FLD, Seed distribution
18.	The Nizar Taluka Sangh	Seed Village / Seed Production
19.	*GUJARAT MATIKAM KALAKARI ANE RURAL TECHNOLOGY SANSTHAN*-Bajipura	Vocational training/ Skill development training for rural youth and farm women
20.	*TAPI RACHANATMAK TRUST*, Vyara	For Trainings, FLDs, extension activities
21.	*UTTHAN MAHILA* BACHAT ANE DHIRAN KARNARI SAHAKARI MANDALI, Vyara	For Trainings, FLDs, extension activities
22	BIAF Foundation-Vyara	Training Programme and Extension Activities

6.2 Details of linkage with ATMA

a) Is ATMA implemented in your district **Yes**/No

S. No.	Programme	Nature of linkage
1	Trainings, Extension activities	Technical support

6.3 E-linkage during 2018-19

S. No	Nature of activities	Likely period of completion (please set the time frame)	Remarks if any
	--NIL--	--NIL--	--NIL--

6.4 Give details of programmes under National Horticultural Mission- As per allotment

S. No.	Programme	Nature of linkage
1		

6.5 Nature of linkage with National Fisheries Development Board - Nil-

S. No.	Programme	Nature of linkage
1		

6.6. Additional Activities Planned including sponsored projects (ProCRA / Pro SOIL etc.) / schemes during 2018-19: -NIL-

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

7. Convergence with departments:

Convergence with ATMA, FTC, Agriculture, Horticulture, Animal Husbandry, ICDS, DRDA, RSETI, Gujarat *Matikam Kalakari* and Rural Technology Institute, GLDC, DIC, RFO department of State Govt.

8. Innovator Farmer's Meet 2018- 2019

Sl.No.	Particulars	Details
	Are you planning for conducing Farm Innovators meet in your district?	~~Yes~~/ No
	If Yes likely month of the meet	--
	Brief action plan in this regard	--

9. Farmers Field School (FFS) planned 2018-2019

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

10.1 Technical Feedback of the farmers about the technologies demonstrated and assessed :- Will be collected-

10.2 Technical Feedback from the KVK Scientists (Subject wise) to the research institutions/universities:-Feedback from farmers will be presented in ZREAC

11 Utilization of hostel facilities-As per need-

S. No.	Programme	No. of days
1	--	--

12. ACTION PLAN OF INFRASTRUCTURE IN KVK

A. Action plan of demonstration units (other than instructional farm): NIL

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

B. Action plan of instructional farm (Crops) including seed production

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(Summer)	0.90	Gurjari	TF/Certified	52.00	50000	150000	
Paddy(Summer)	0.64	Jaya	TF/Certified	37.00	35000	105000	
Paddy(Kharif)	1.00	Gurjari	TF/Certified	40.00	50000	116000	
Paddy(Kharif)	1.25	Jaya	TF/Certified	50.00	60000	146000	
Paddy(Kharif)	0.90	GNR-3	TF/Certified	35.00	50000	102000	
Paddy(Kharif)	0.80	IR-28	TF/Certified	15.00	30000	43800	
Pulses							
Green gram/Gram	0.50	Meha	TF/certified	5.20	15000	46800	
Green gram/Gram	0.25	CO-4	TF/certified	2.50	8000	22500	
Fruits	2.00	Different variety of mango graft	General	2000 nos.	40000	70000	
Vegetables		Different seedings in plug tray	Plug tray plant	as per farmers demand			
Others (specify)							

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

Sl. No.	Name of the Product	Qty (expected)	Expected Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
--	--	--	--	--	--

D. Action plan of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production (expected)			Expected Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
--	--	--	--	--	--	--	--

Annexure - I
Training Programmes

i) Farmers & Farm Women (On Campus)

Date	Clien-tele	Title of the training programme	Duration in days	Number of Other participants			Number of SC/ST participants			G. Total
				M	F	T	M	F	T	
Crop Production										
01-04/06/2018	PF/FW	Integrated crop management in major crops (Paddy, Cotton, Soybean, Pigeon pea, sugarcane)	4	-	-	-	10	10	20	20
19-22/09/2018	PF/FW	Integrated Nutrients management in major crops (Paddy, sugarcane, cotton, groundnut)	4	-	-	-	10	10	20	20
Horticulture										
25-28/07/2018	PF/FW	Improved management practices in major vegetable crops (okra, brinjal, cucurbits)	4	-	-	-	10	10	20	20
06-09/09/2018	PF/FW	Integrated Nutrients management in major horticultural crops (Okra, Brinjal, Cucurbits, Papaya, Mango)	4	-	-	-	10	10	20	20
Livestock production										
12-15/06/2018	PF/FW	Management practices for higher milk production in dairy animals	4	-	-	-	10	10	20	20
21-24/08/2018	PF/FW	Backyard Poultry Management	4	-	-	-	10	10	20	20
Home Science										
05-08/06/2018	FW	Organic Kitchen gardening	4	-	-	-	-	20	20	20
14-17/10/2018	FW	Drudgery reducing technologies for farm women in farm operations	4	-	-	-	-	20	20	20
Plan protection										
18-21/07/2018	PF/FW	Integrated Pest and Disease Management in Kharif crops (Paddy, Cotton, Pigeon pea, Gram)	4	-	-	-	10	10	20	20
12-15/09/2018	PF/FW	Integrated Pest and Disease management in Vegetables and fruits(Brinjal, Okra, Cucurbits, Mango, Papaya)	4	-	-	-	10	10	20	20
Capacity Building and Group Dynamics										
07-10/11/2018	PF/FW	Marketing of agriculture produce	4	-	-	-	10	10	20	20

ii) Farmers & Farm Women (Off Campus)

Date	Clien-tele	Title of the training programme	Duration in days	No. of Other participants			Number of SC/ST participants			G. Total
				M	F	T	M	F	T	
Crop Production										
09-12/08/2018	PF/FW	Water use efficiency in field crops (Paddy, Cotton, sugarcane)	4	-	-	-	10	20	30	30
26-29/09/2018	PF/FW	Integrated Farming system	4	-	-	-	10	20	30	30
1-4/02/2019	PF/FW	Integrated Nutrients management in major crops (Paddy, sugarcane, cotton, groundnut)	4	-	-	-	10	20	30	30
Horticulture										
02-05/11/2018	PF/FW	Post Harvest Management of vegetable crops	4	-	-	-	10	20	30	30
26-29/12/2018	PF/FW	Irrigation management in fruits and vegetable crops	4	-	-	-	10	20	30	30
20-22/02/2019	PF/FW	Production of high value vegetable crops	4	-	-	-	10	20	30	30
Live Stock Production.										
18-21/09/2018	PF/FW	Prevention of infectious diseases in dairy animals	4	-	-	-	10	20	30	30
08-11/01/2019	PF/FW	Feedsand fodder management in dairy animals	4	-	-	-	10	20	30	30
Home Science										
22-25/05/2018	FW	Health and Nutrition for tribal farm women	4	-	-	-	-	30	30	30
01-04/01/2019	FW	Value addition in fruits and vegetables	4	-	-	-	-	30	30	30
Plant Protection										
08-11/08/2018	PF/FW	Role of bio-agents and bio-pesticides in IPDM	4	-	-	-	15	15	30	30
19-22/12/2018	PF/FW	Ecofriendly use of Agrochemicals in Agriculture	4	-	-	-	15	15	30	30
16-19/01/2019	PF/FW	IPDM in *rabi* crops (Okra, Gram, Sugarcane)	4	-	-	-	15	15	30	30
Capacity Building and Group Dynamics										
08-11/08/2018	PF/FW	Entrepreneurial development of farmers	4	-	-	-	10	15	25	25

iii) Vocational training programmes for Rural Youth

Crop / Enter-prise	Identified Thrust Area	Training title*	Month	Dura-tion (days)	No. of Other Parti-cipants			SC/ST partici-pants			G.Total
					M	F	T	M	F	T	
Plant Protection	Production of organic inputs	On farm mass production of Bio-agents and Bio-pesticides	Oct.18	15	-	-	-	10	10	20	20
Home Science	Women empowerment through	Eco-friendly bag making	May-June-18	60	-	-	-	-	30	30	30

Crop / Enter-prise	Identified Thrust Area	Training title*	Month	Dura-tion (days)	No. of Other Parti-cipants			SC/ST partici-pants			G.Total
					M	F	T	M	F	T	
	entrepreneurship development										
Home Science	Women empowerment through entrepreneurship development	Preparation of decorative articles from coconut fibres	Nov.18	30	-	-	-	-	30	30	30
Horticulture	Nursery Management	Nursery management of horticultural crops	Aug.18	15	-	-	-	10	5	15	15

iv) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of Other participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
On Campus										
07-08/11/2018	VLWs & Extension workers	Integrated Nutrient management	2	-	-	-	20	-	20	20
05-06/12/2018	VLWs & Extension workers	Protected cultivation of vegetable crops	2	-	-	-	20	-	20	20
23-24/10/2018	Health workers/ Field workers	Health and Nutrition for tribal farm women	2	-	-	-	-	20	20	20
19-21/3/2019	VLWs & Extension workers	ICT application in agriculture	4	-	-	-	25	5	30	30

iv) Sponsored programme : As per need

Annexure - II

Budget - Details of budget utilization (2017-18) up to 31 March 2018

S. No.	Particulars	Sanctioned	Released	Expenditure
13.1	**Recurring Contingencies**			
13.1.1	**Pay & Allowances**	8755000	8755000	7834579
13.1.2	**Traveling allowances**	150000	150000	124779
13.1.3	**Contingencies**			
13.1.4.1	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance	**1569000**	**1569000**	**1548522**
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			
13.1	**Total Recurring**	**1569000**	**1569000**	**1548522**
13.2	**Non-Recurring Contingencies**			
13.2.1	**Works**	--	--	**99686**
13.2.2	**Equipments including SWTL & Furniture**			
13.2.3	**Vehicle** (Four wheeler/Two wheeler, please specify)			
24.2.4	**Library**			
13.2	**Total Non Recurring**	**--**	**--**	**99686**
13.3	**REVOLVING FUND**	--	--	--
13.4	**GRAND TOTAL (A+B+C)**	**10474000**	**10474000**	**9607566**

Details of Budget Estimate (2018-19) based on proposed action plan

S. No.	Particulars	BE 2018-19 proposed (Rs.)
14.1	**Recurring Contingencies**	
14.1.1	**Pay & Allowances**	**100.00**
14.1.2	**Traveling allowances**	**2.00**
14.1.3	**Contingencies**	**24.90**
233A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	3.0
B	POL, repair of vehicles, tractor and equipments	1.50
C	Meals/refreshment for trainees (ceiling up to Rs.40/day/trainee be maintained)	0.50
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	0.50
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	6.88
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	1.22
G	Training of extension functionaries	0.15
H	Maintenance of buildings	5.00
I	Establishment of Soil, Plant & Water Testing Laboratory	1.00
J	Library	0.25

	Others (Extension Activities)	4.90
14.1	**TOTAL Recurring Contingencies**	**24.90**
14.2	**Non-Recurring Contingencies**	
14.2.1	**Works**	69.00
14.2.2	**Equipments including SWTL & Furniture**	22.20
14.2.3	**Vehicle (Four wheeler- Old wheeler is sold)**	20.00
14.2.4	**Library** (Purchase of assets like books & journals)	0.50
14.2	**TOTAL Non-Recurring Contingencies**	**111.70**
14.3	**REVOLVING FUND**	**00**
14.4	**GRAND TOTAL**	**238.60**

Proposed demonstration unit

Sr.No.	Demonstration Unit	Cost (Rs.) in lakh
1.	Low Cost Green House	25000
2	Small scale farm mechanization unit	50000
3	Azolla unit	25000
4	Fish pond	100000
	Total	**200000**

Total Estimated amount for the year 2018-19 to conduct regular activity

Total cost of OFT's, FLD's (inputs), Trainings, Extension Activities, Pay and Travelling

Particulars	Rs.
OFT cost (Rs.)	121570
FLD's cost (Rs.)	755510
Trainings	300000
Extension Activities	458500
Administrative Contingency	600000
Pay & Allowances	10000000
Traveling allowances	200000
Total (Rs.)	**12435580**

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