ICAR-ATARI, Pune

ANNUAL ACTION PLAN OF KVKs DURING 2021

(1st January to 31st December, 2022)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address with PIN code	Telephone		E mail	Website address & No. of visitors (hits)
	Office	Fax		
KVK-Vadodara (Mangalbharti) At & Po.Golagamdi, Ta.Sankheda, Dist. Chhotaduepur.-391125	08141150500	-	kvkvdr@gmail.com	www.kvkvadodara.org (125768)

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

Address	Telephone		E mail	Website address
	Office	Fax		
Mangalbharti At. & Po.Golagamdi, Ta.Sankheda, Dist. Chhotaduepur.-391125	08141150500	-	kvkvdr@gmailcom	www.kvkvadodara.org

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

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. Bharat M. Mehta	08141150500	094268 34346	bmehta_61@rediffmail.com

1.4. Year of sanction: 1995

1.5. Staff Position (as on March 31, 2019)

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	If Permanent, Please indicate		Date of joining
				Current Pay Band	Current Grade Pay	
1.	Senior Scientist and Head	Dr.B.M.Mehta	-	37400-9000-67000	9000	17/9/2013
2.	Subject Matter Specialist	C. R. Patel	Agronomy	15600-5400-39100	5400	23/6/2011
3.	Subject Matter Specialist	M. C. Brahmbhatt	Horticulture	-do-	5400	11/7/2011
4.	Subject Matter Specialist	J. P. Meena	Animal Science	-do-	5400	7/7/2011
5.	Subject Matter Specialist	Vacant				
6.	Subject Matter Specialist	B. L. Dhayal	Ext.Edu	-do-	5400	23/8/13
7.	Subject Matter Specialist	V.D.Patel	Plant.Prot	-do-	5400	06/02/17
8.	Programme Assistant	K. K. Sutaria	-	9300-4200-34800	4200	1/12/2008
9.	Computer Programmer	M.R.Kulkarni	-	-do-	4200	21/01/2008
10.	Farm Manager	Hariom Sharma	-	-do-	4200	2/9/2013
11.	Accountant/Superintendent	V.V.Shah	-	-do-	4200	04/06/2001
12.	Stenographer	C.M.Raval	-	5200-2400-20200	2400	2/9/2013
13.	Driver 1	R.N.Prajapati	-	5200-2000	2000	17/01/2008
14.	Driver 2	Z. S.Vora	-	-do-	2000	27/6/2011
15.	Supporting staff 1	P.B.Rathwa	-	5200-1800	1800	5/9/2003
16.	Supporting staff 2	J.R.Tadvi	-	-do-	1800	29/7/2002

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	1.30
2.	Under Demonstration Units	2.00
3.	Under Crops	8.00
4.	Horticulture	1.50
5.	Pond	0.50
6.	Others if any	6.70

1.7. Infrastructural Development:

A. Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	2001	561.43	18,23,216/-	-	-	-
2.	Farmers Hostel	ICAR	2011	300.75	26,57,744/-			
3.	Staff Quarters (8+6=14)	ICAR	2001	694.61	29,23,910/-	-	-	-
4	Fencing	ICAR	2006	1709 Rmt.	3,45,000/-	-	-	-
5	Rain Water harvesting system	ICAR	2007	62x39mt.	9,78,000/-	-	-	-
6	Threshing floor	ICAR	2010	41.82 (sqmt)	1,93,440/-	-	-	-
7	Farm godown	ICAR	2010	55.76 (sqmt)	2,86,422/-	-	-	-
8	Implement shed	ICAR	2010	55.76	2,99,000/-			

B. Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor with implements (Massey Ferguson)	01/11/19	6,50,000=00	211 hrs.	Good Working condition
Mahindra Bolero	29/03/10	6,25,000=00	210608	Poor condition
Bajaj Discover	09/02/11	48,251=00	93875	Poor condition

C. Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Electronic type writer	30/03/95	16,380=00	Poor condition due to technical fault
Steel cupboard	30/03/95	3,300=00	Good
Iron cupboard	30/03/95	3,100=00	Good
Iron Table	30/03/95	6,370=00	Good
Chair	30/03/95	5,860=00	Good
Tractor Plough	31/03/95	15,000=00	Good
Slide Projector	31/03/95	16,500=00	Poor condition due to fault
Overhead Projector	31/03/95	10,500=00	Poor condition
VCR (onida)	01/09/96	14,300=00	Poor condition
Micro Scope	19/09/96	3,500=00	Poor condition

Camera (Canon)	28/09/96	2,350=00	Poor condition due to fault
Moving trolley	28/09/96	6,500=00	Good
Store well	30/09/96	10,800=00	Good
Store well	30/09/96	3,200=00	Good
Office table	30/09/96	6,525=00	Good
Office chair	30/09/96	1,400=00	Good
Glass door cupboard	30/09/96	3,900=00	Good
Office Table	30/09/96	2,175=00	Good
Office chair	30/09/96	350=00	Poor condition
Colour T.V.(crown)	15/10/96	18,800=00	Poor condition
Office Table	30/10/96	3,200=00	Good
Office chair	30/10/96	350=00	Good
Microphone PCM with set accessories	11/03/98	8,495=00	Poor condition
Slide Projector with remote	01/04/98	11,300=00	Poor condition
Glass door cupboard	04/03/2000	3,150=00	Good
Wind wheel	20/10/2000	15,00=00	Good
Store well	31/01/2001	29,000=00	Good
Office chair	31/01/2001	3,000=00	Good
Table	31/01/2001	11,500=00	Good
File rake	31/01/2001	5,100=00	Good
Museum room self	28/02/2001	20,900=00	Good
Dias	01/03/2001	9,056=00	Poor condition
Library table	15/03/2001	22,000=00	Poor condition
Plastic chair	30/03/2001	11,900=00	Poor condition
Multi panel kit-12	31/03/2001	11,954=00	Poor condition
Flash kit-4	31/03/2001	12,5000=00	Good
Eco display with 3 panel	31/03/2001	5,773=00	Good
Info panel wall type	31/03/2001	6,611=00	Good
Kitchen mixture	31/03/2002	1,995=00	Good
Cupboard & stand	31/03/2003	9,975=00	Good
Xerox machine (Canon-7160)	30/03/2004	79,800=00	Poor condition
Rotavator (rotary)	31/12/2004	49,000=00	Poor condition
Office Table	30/09/2005	33,500=00	Poor condition
Office chair	30/09/2005	9,600=00	Good
File rake	30/09/2005	6,400=00	Good
Computer with Accessories (Compaq)	14/02/2006	64,500=00	Poor condition
Steel cupboard	26/02/2006	10,440=00	Good
Plastic chair	26/02/2006	4,560=00	Poor condition
Pneumatic cotton planter	28/03/2006	47,400=00	Under TMC-MM-II Grant
Power weeder	28/03/2006	33,500=00	Under TMC-MM-II Grant
Computer table	31/03/2006	3,165=00	Poor condition
Office table	31/03/2006	3,165=00	Poor condition
Computer chair	31/03/2006	4,310=00	Poor condition
Plastic chair	31/03/2006	8,125=00	Poor condition
Rake	31/03/2006	16,235=00	Poor condition
Storage cupboard	31/03/2006	25,250=00	Under STL grant
Storage cupboard	31/03/2006	5,150=00	”
Cupboard	31/03/2006	4,500=00	”
Angel rake	31/03/2006	7,100=00	”
Store well	31/03/2006	12,300=00	”
Office table	31/03/2006	7,500=00	”
Stand frame rake	31/03/2006	6,200=00	”
Revolving chair	31/03/2006	43,10=00	”
Revolving stool	31/03/2006	2,700=00	”
Plastic stool	31/03/2006	755=00	”
Store well cupboard	31/03/2006	15,000=00	”
Fixed wall steel cupboard	31/03/2006	85,021=00	”
Hot Plate Rectangular (Nova-NV-8535)	28/02/2006	7,500=00	Poor condition due to fault

Rotary shaker (Nova-NV-853)	28/02/2006	25,250=00	Good
Voltage stabilizer (Nova-NV/14)	28/02/2006	16,000=00	”
“EL” Microprocessor Flame Photometer (Model-CL-387)	28/02/2006	35,250=00	Under STL grant
“EI” Microprocessor based pH meter (Model-1012)	28/02/2006	15,275=00	Poor condition due to fault
“EI” Microprocessor based Conductivity/TDS meter (Model-1601)	28/02/2006	17,450=00	Poor condition due to fault
Single pan balance ‘K-Roy” (Model: K-14 Deluxe)	28/02/2006	11,950=00	Good
Electronic Balance: Multi-function series (Model: Swis-310)	28/02/2006	14,900=00	Good
Visible Spectrophotometer (FGSL-177 Scanning)	02/03/2006	55,944=00	Good
Electronic Automatic Kel Plus Micro-processor based Twelve Place macro block Digestion System (Model: KES 12 L)	16/03/2006	96,020=00	Poor condition due to fault
Electronic Kel Plus Micro- processor based Automatic Distillation System (Model: DISTY-EM)	16/03/2006	1,25,350=00	Poor condition due to fault
Sampling Augers (Hand size 3”)	25/03/2006	1,200=00	Good
Sampling Augers (Hand size 6”)	25/03/2006	2,150=00	Good
Extension Rod - Size: 3”	25/03/2006	800=00	Under STL grant
Size: 6”	25/03/2006	1,050=00	Good
Refrigerator 330 Lit (Ken star-SR)	27/03/2006	15,000=00	Good
Stabilizer	27/03/2006	500=00	Poor condition due to fault
‘Nova’ Willey mill stainless steel body	06/03/2006	21,550=00	Poor condition due to fault
‘Nova’ Horizontal shaker-Kahn-Platform	06/03/2006	24,975=00	Poor condition due to fault
“Mac” Electrically Heated all glass Distillation apparatus (Model: MSW-193)	06/03/2006	16,350=00	Poor condition due to fault
Test Sieves Size: 3.35mm	25/03/2006	475=00	Good
Size: 2.00 mm	25/03/2006	475=00	“
Soil Hydrometer Range: 58-92%	25/03/2006	700=00	“
High speed stirrer: IS: 2720IV)	25/03/2006	11,400=00	“
Hand/Sugar Refractometer	25/03/2006	2,500=00	“
Hanna Pocket pH Meter	25/03/2006	2,600=00	”
Hanna Pocket TDS Meter	25/03/2006	2,450=00	”
Aero Blast Sprayer (Aspee-Mod.No.ATB/6HDP)	06/02/2007	86080=00	Under TMC-MM-II
LCD Projector (Panasonic-Model. No.-PT-PISD1500luens.	16/03/07	73010=00	Poor condition and not working condition so, this projector is buyback and purchase new Projector EPSON-EX-31
DVD Handy Cam (Sony.Model:608E	20/03/07	20500=00	Poor condition
Digital Camera (Orite Mod.No.-C8000	20/03/07	9200=00	
Trolley With Cabinet	16/03/07	10688=00	
Projector Screen with Stand (Size:52”70)	16/03/07	11560=00	Poor condition
Seed cum fertilizer drill	28/11/10	30000=00	Under ICAR grant Poor condition
Projector EPSON-EX-31	24/3/17	33700=00	Working Conditions
Hitachi Air Condition No.2	23/3/17	80000=00	Working Conditions

Nikon Digital Camera D-5300 & Sony Handy-cam PJ-675	14/3/17	94800=00	Working Conditions
RO with Cooler	20/3/17	79990=00	Working Conditions
Computer with Accessorizes No.3	14/3/17	149953=00	Working Conditions
Office Table (7+2)	28/3/17	41800=00	Working Conditions
STRF METER	18/11/2015	95200=00	Working Conditions
Mridaparikshak	30/03/2017	90300=00	Faulty instruments

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

Sl.No.	Date
1. Scientific Advisory Committee	January ' 2021 (Already completed)

2. DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
Crop	Agril. Alone Agril. Horticulture Agril.-Animal Husbandry Agril.-silviculture
Enterprise	Agriculture and Animal Husbandry

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	Middle Gujarat zone III	Average rain fall is 800-1000 mm. Geographically Vadodara district is located between 21^0 49' to 22^0 49' north latitude and 72^0 51' to 74^0 17' east longitude

b) Topography

S. No.	Agro ecological situation	Characteristics
1	Sandy loam soil with high rain fall	Altitude (in meter above MSL): 25-75 Taluka : Vadodara, Padara, Savli, Dabhoi, Waghodia
2	Medium black soil with high rain fall	Altitude (in meter above MSL): 75-150 Taluka: Pavijetpur, Chhotaudepur, Naswadi, Karjan
3	Deep black soil with high rain fall	Altitude (in meter above MSL): 25-75 Taluka: Dabhoi, Sankheda, Shinor, Karjan
4	Light soil with high rain fall	Altitude (in meter above MSL): 150-300 Taluka: Chhotaudepur (tribal base)

2.3 Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Black soil	Moderate to severe erosive Poor soil Fertility Poor Irrigation facility	88864
2	Medium black	Water logging Very Poor Permeability Poor Soil Physical condition Low to medium in N & P Content	208646
3	Sandy loam	Highly erosive Shallow to medium in depth Poor permeability Low to medium N & P content	174021
4	Sandy	Sandy soils are often dry, nutrient deficient and fast-draining. They have little (or no) ability to transport water from deeper layers through capillary transport.	36305
5	Salt affected	saline soils are those which have an electrical conductivity of the saturation soil extract of more than 4 dS/m at 25°C , Sodium and chloride are by far the most dominant ions	4888

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

Sr. No	Crop	Vadodara			Chhotaudepur		
		Area (ha)	Production (Mt)	Productivity (qt. /ha)	Area (ha)	Production (Mt)	Productivity (qt. /ha)
A	Kharif :						
1	Cotton (Lint)	81044	342768	7.19	80265	433362	9.18
2	Pigeon Pea	31321	40600	12.99	20515	32331	15.75
3	Paddy	34698	68700	19.80	21362	33666	15.76
4	Maize	645	1142	17.70	30903	17400	5.60
5	Bajara	900	1600	16.50	0	00	0
6	Castor	48719	99200	20.36	4117	6843	16.62
7	Green gram	47	16	3.40	200	82	3.34
8	Black gram	87	50	5.74	737	42	5.64
9	Soybean	11100	18300	16.44	10100	17300	17.07
B	Rabi						
1	Maize	5000	11200	22.57	25100	64700	25.80
2	Wheat	23300	60300	25.83	400	1300	34.71
3	Gram	300	400	14.49	200	300	13.57
C	Summer						
1	Groundnut	22	47	21.36	187	400	21.55
2	Bajara	4045	9065	22.41	0	0	0
3	Green gram	361	426	6.39	423	500	11.82
4	Sesamum	162	79	4.87	133	63	4.73
	Horticultural crops						
1	Fruits	19441	672106	34.57	12270	590684	48.14
2	Vegetables	31274	577075	18.45	14564	285428	19.60

2.5. Weather data (2021-22)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Morning	After
April'21	0.0	40.4	23.1	74	14
May'21	23.0	39.5	26.9	80	29
June'21	121.0	36.4	26.2	90	46
July'121	226.0	34.2	26.7	94	60
Aug'21	**153.0**	32.2	25.7	99	69
Sept'21	407.0	31.5	25.5	100	79
Oct'21	56.5	33.8	22.8	96.1	47
Nov.'21	9.0	33.3	19.8	75.0	30
Dec.'21					

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

Category	Population(00 No)	Production (mt)	Productivity(kg/day)
Cattle			
Crossbred	4860	33.71	11.85
Indigenous	2694	102	5.53
Buffalo	5878	253	6.24
Sheep	132	4.12	932
Goats	2916	13.45	0.66
Poultry			
Hens	3323	160.55	125
Desi	-	-	-
Category		Production (Q.)	Productivity
Fish (Reservoir)	-	-	-

Statistical Report Govt.of Gujarat (2020-21)

2.7. Details of Operational area / Villages

Sl No	Tehsil	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Sankheda	Sankheda	**Saradiya, Raipur, Sundarpura,Kathmandva,Targod, Navapura, Ambapura ,Vagetha, Deroli,Amalpur,Kapdiya,Fajalpura,Bamroli, Kandewar**	***Kharif*** Cotton Pigeonpea Castor Banana Vegetables ***Rabi*** Maize **Summer** Greengram Groundnut	**Cotton :** 1. Higher application of nitrogenous fertilizers 2. Improper water management 3. No use of micronutrients 4. Problem of pest & diseases 5. Depends only on manual weeding **Pigeon pea** 1. Improper spacing 2. Use of higher seed rate 3. Improper pest and disease management 4. Improper water management 5. Depends only on manual weeding **Castor** 1. Use of higher seed rate 2. Improper spacing 3. Indiscriminate use of fertilizer 4. Improper water management 5. Problems of wilt, rootrot and semi looper **Banana** 1.No use of tissue culture plants 2. Not follow seed treatment to rhizome 3. Excess use of fertilizer 4. Excess use of water 5. Improper disease management **Maize** 1. Use of higher seed rate 2. Improper spacing 3. Higher application of nitrogenous fertilizer 4. Improper water management **Greengram** 1. Use of local seeds 2. Use of higher seed rate 3. Improper water management 4. Improper pest and disease management	INM IWM IPM Water Mgt. ICM INM IPM IWM ICM INM IWM IPM ICM IPM IDM IWM ICM INM IWM ICM IPM`

2.	Naswadi	Naswadi	**Dhamasiya,Pochamba,Payakui,Kolamba,Akona.**	***Kharif*** Cotton Paddy Castor ***Rabi*** Wheat Gram **Summer** Greengram Groundnut	**Paddy** 1.Use of local seeds 2.Application of higher dose nitrogenous fertilizer 3.No use of micronutrients 4. T.P. at random method 5.In adequate and delayed plant protection 6.Use more seed rate 7.Problem of BLB, Hopper and stem borer **Wheat** 1. Use of local seeds 2. Delayed sowing 3. Use of higher rate of seed 4. Improper water management 5. Improper nutrient management 6. No use of micronutrients and Bio-fertilizers **Greengram** 1. Use of local seeds 2. Use of higher seed rate 3. Improper water management 4. Improper pest and disease management	ICM SRI INM IPM INM IWM ICM ICM INM IPM
3.	Waghodia	Waghodia	**Goraj, Rojyapura,Nurpuri,Dolapura.**	***Kharif*** Cotton, Pigeonpea, Castor Vegetables ***Rabi*** Maize Gram **Summer** Greengram	**Cotton :** 1. Higher application of nitrogenous fertilizers 2. Improper water management 3. No use of micronutrients 4.Problem of pest & diseases 5. Depends only on manual weeding Pigeonpea 1. Improper spacing 2. Use of higher seed rate 3. Improper pest and disease management 4. Improper water management 5. Depends only on manual weeding Castor 1.Use of higher seed rate 2.Improper spacing 3.Indiscriminate use of fertilizer 4.Improper water management 5. Problems of wilt, rootrot and semi looper Maize 1. Use of higher seed rate 2. Improper spacing 3. Higher application of nitrogenous fertilizer 4. Improper water management Greengram 1. Use of local seeds 2. Use of higher seed rate 3. Improper water management 4. Improper pest and disease Management	INM IWM IPM Water Mgt. ICM INM IPM IWM ICM INM IWM IPM ICM INM IWM ICM IPM
4.	Kawant	Kawant	**Khatiyawat, Baladgam, Mudamore,Kherka,Karajwant,Raypur,Piplada,Kanlalva, Gordha,Jamba.**	***Kharif*** Cotton, Pigeonpea, Castor Vegetables ***Rabi*** Maize Gram **Summer** Greengram	**Cotton :** 1. Higher application of nitrogenous fertilizers 2. Improper water management 3. No use of micronutrients 4.Problem of pest & diseases 5. Depends only on manual weeding **Pigeonpea** 1. Improper spacing 2. Use of higher seed rate 3. No use of micronutrients 4. Improper pest and disease management 5. Improper water management 6. Depends only on manual weeding **Maize** 1. Use of higher seed rate 2. Improper spacing 3. No use of micronutrients	INM IWM IPM Water Mgt. ICM INM IPM IWM ICM INM IWM IPM ICM INM

					4. Higher application of nitrogenous fertilizer 5. Improper water management	IWM
5.	Pavijetpur	Pavijetpur	**Ranbhunghati,Butiyapura,Kallarani, Haripura,**	***Kharif*** Cotton, Pigeonpea, Castor Vegetables ***Rabi*** Maize Gram **Summer** Greengram	Paddy 1.Use of local seeds 2.Application of higher dose nitrogenous fertilizer 3.No use of micronutrients 4. T.P. at random method 5.In adequate and delayed plant protection 6.Use more seed rate 7.Problem of BLB, Hopper and stem borer Cotton : 1. Higher application of nitrogenous fertilizers 2. Improper water management 3. No use of micronutrients 4.Problem of pest & diseases 5. Depends only on manual weeding Maize 1. Use of higher seed rate 2. Improper spacing 3. No use of micronutrients 4. Higher application of nitrogenous fertilizer 5. Improper water management	INM IWM IPM Water Mgt. ICM INM IPM IWM ICM INM IWM
6	Bodeli	Bodeli	**Kapdiya,Nana Butiyapura,Ranbunghati, Mota Butiyapura,Navapura, Kathmandva, Pitha, Bhagwanpura,Dholiya, Vaniyadri,Kosum, Amalaug, Tandlja, Khodiya, Dholpur, Timbi, Ladhod, Desan, Sajva, Dhebarpura,Deroli,Gordhanpura,Mota Raska.**	***Kharif*** Cotton Pigeonpea Castor Banana Vegetables ***Rabi*** Maize **Summer** Greengram Groundnut	Cotton : 6. Higher application of nitrogenous fertilizers 7. Improper water management 3. No use of micronutrients 9. Problem of pest & diseases 10. Depends only on manual weeding Pigeon pea 1. Improper spacing 2. Use of higher seed rate 3. Improper pest and disease management 4. Improper water management 5. Depends only on manual weeding Castor 6. Use of higher seed rate 7. Improper spacing 8. Indiscriminate use of fertilizer 9. Improper water management 10. Problems of wilt, rootrot and semi looper Banana 1.No use of tissue culture plants 2. Not follow seed treatment to rhizome 3. Excess use of fertilizer 4. Excess use of water 5. Improper disease management Maize 1. Use of higher seed rate 2. Improper spacing 3. Higher application of nitrogenous fertilizer 4. Improper water management Greengram 1. Use of local seeds 2. Use of higher seed rate 3. Improper water management 4. Improper pest and disease management	INM IWM IPM Water Mgt. ICM INM IPM IWM ICM INM IWM IPM ICM IPM IDM IWM ICM INM IWM ICM IPM`
7.	Chhotaudepur	Chhotaudepur	**Dhandoda,Raipur, Nani Dumali,Moti Dumali,Rojkuva , Kanas, Rangpur, Gunata**	***Kharif*** Cotton, Pigeonpea, Castor Vegetables	**Cotton :** 1. Higher application of nitrogenous fertilizers 2. Improper water management 3. No use of micronutrients	INM IWM IPM Water

				Rabi Maize Gram **Summer** Greengram	4.Problem of pest & diseases 5. Depends only on manual weeding **Pigeonpea** 1. Improper spacing 2. Use of higher seed rate 3. No use of micronutrients 4. Improper pest and disease management 5. Improper water management 6. Depends only on manual weeding **Maize** 1. Use of higher seed rate 2. Improper spacing 3. No use of micronutrients 4. Higher application of nitrogenous fertilizer 5. Improper water management	Mgt. ICM INM IPM IWM ICM INM IWM IPM ICM INM IWM

2.8. Priority thrust areas:

Crop/Enterprise	Thrust area
Cotton	Integrated Nutrient Management Integrated Pest Management Integrated Weed management Varietal evaluation
Rice	Varietal evaluation Water Management Integrated Weed Management Integrated Nutrient management Integrated pest Management
Pigeonpea	Varietal evaluation Production and use of organic inputs Integrated pest Management
Gram	Varietal evaluation Production and use of organic inputs Integrated pest Management
Wheat	Integrated crop management Varietal evaluation Integrated weed management Integrated Nutrient management
Maize	Varietal evaluation Integrated Nutrient Management Integrated weed management
Castor	Integrated Pest & Disease Management Varietal evaluation Integrated Nutrient Management Water Management
Green gram	Varietal evaluation Integrated Pest & Disease Management
Urd bean	Varietal evaluation Integrated Pest & Disease Management
Soybean	Varietal evaluation///Integrated Pest & Disease Management
Cucurbits	Integrated Pest & Disease Management//Integrated Nutrient management
Banana	Integrated Nutrient Management //Integrated Weed management//Water Management
Vegetables	Integrated Pest & Disease Management Integrated Nutrient management
Animal husbandry	Management of Dairy animal for maximize the milk production Clean milk production, Animal Health management
Home science	Nutritional security for women and child popularize the drudgery reduction technology//Value addition Income generation activity

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
08	38	117 ha (22 FLD)	594

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
87	2510	520	21261

Seed Production (q)	Planting material (Nos.)	Fish seed prod. (No's)	Soil Samples
(5)	(6)	(7)	(8)
Greengram (15 q) Pigonpea (25 q) Soybean (15 q) Paddy(55q)	330000	-	300

3.1. B. Operational areas details proposed during 2022

Sr.No.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (Ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Proposed Intervention (OFT, FLD, Training, extension activity etc.)*
1.	Cotton	Injudicious use of chemical pesticides and lack of knowledge	535	Ambapura, Sundarpura	OFT On Assessment of IPM module for sucking pest in cotton
		Not using of bio pesticides	2020	Pitha, Vaniyadri	Training & method demonstration.
		Not using IPM Module.	1520	Sundarpura Butiyapura	FLD on IPM. Training and Field day.
		Non use of improved varieties.	220	Raipur,Kanalwa	FLD on Introduction of High density verity GTHH-49. Training and Field day.
		Not follow proper weed management practices.	1020	Raipur,Kanalwa	Training and Group meeting
		Not use of bio-fertilizer and Micro nutrient.	2020	Raipur,Kanalwa	Training and Group meeting
3	Maize	Not using of bio pesticides	570	Kathmandva, Navapura	FLD on bio-pesticide and Training and Field day.
		Not follow proper weed management practices.	220	Kathmandva, Navapura	Training and Group meeting
		Not use of bio-fertilizer and Micro nutrient.	270	Kathmandva, Navapura	Training and Group meeting
4	Urdbean	Non use of improved varieties.	470	Rangpur,Surshi	FLD on High yield Variety PU-31/NUL-7/IPU-2-43
		Not follow proper weed management practices.	270	Rangpur, Surshi	Training and Group meeting
		Not using IPM Module.	270	Rangpur, Surshi	Training and Group meeting
5	Soybean	Non use of improved varieties.	330	Kalarani, Raypur	FLD on High yield Variety KDS-344/NRC-37 and Field day
		Not follow proper weed management practices.	370	Kanalva, Gordha	Training and Group meeting
		Not using IPM Module.	350	Kanalva, Gordha	Training and Group meeting

6	Green gram	Low productivity due to Non use of improved varieties.	170	Jamli, Bhagvanpura	OFT on assessment of performance of different varieties of summer green gram FLD on High yield Variety GAM-5 and Field day and training.
		Not follow proper weed management practices.	120	Jamli, Bhagvanpura	Training and Group meeting
		Not using IPM Module.	120	Jamli, Bhagvanpura	Training and Group meeting
7	Pigeon pea	Non use of improved varieties.	270	Golagamdi, Manjrol	FLD on High yield Variety / GJP-1 / GT-106 and Field day.
		Low productivity due to Non use of improved varieties.	170	Golagamdi, Manjrol	OFT on assessment of performance of different varieties under unirrigated and rainfed condition
		Not follow proper weed management practices.	170	Golagamdi, Manjrol	Training and Group meeting
		Not using IPM Module.	170	Golagamdi, Manjrol	Training and Group meeting
8	Sesame	Non use of improved varieties.	120	Vaniyadri	FLD on GT-5/3 and Field day.
9	Chilli	Non use of improved varieties.	120	Tokarva,Vaniyadri Fajalpura,Kathmandava	OFT on Assessment of Variety of Chilii Arka Harita and Kashi Gaurv. Training on cultivation Practices, IPM and INM
10	Okra	Low yield Use of YVM susceptible varieties. Poor Knowledge of improved cultivation practices Improper use of fertilizer and pesticides.	170	Shithol,Nana Butiyapura,Tokarva Ranbhun ghati Targol, sagadhra	OFT On Assessment of Varieties of Okra Training on improved cultivation Practices like INM,IPM
11	Tomato	Low yield Poor Knowledge of improved cultivation practices Improper use of fertilizer and pesticides.	220	Kalarani,Khodiya Panej,Fajalpura Ambapura,	OFT On Assessment of pest and disease resistant Varieties of Tomato Healthy seedling Provision Training on INM and IPM in tomato
		High infection of TLMV, Late blight Yield losses due to diseases	220	Kalarani,Khodiya Panej,Fajalpura Kathmandava	FLD on Arka Rakshak Healthy seedling Provision Training on improved cultivation Practices
12	Banana+ Cabbage	Not following inter cropping in banana	120	Ambapura,Muldhar Fajalpura,	FLD on Inter Cropping with Cabbage(1:4) Training on INM and Irrigation management FLD on Banana Special fertilizer
13	Kitchen Garden	• Poor health and nutritional status of farm families	100 Nos	Kacchata,, Sundarpura, Khodiya	FLD & Training on Kitchen garden (Nutritional security by kitchen garden) FLD on Vegetable Special fertilizer
14	Poultry	Low body weight Less eggs production	All local native breeds	Kanlva, sundrapura,vatvtiya	OFT On Assessment of kadaknath & Ankleshwar under Back yard poultry
15	Buffalo	Low milk yield	220	Sundrapura, bhagwanpura,vatvatiya	. Training and Group meeting
16	Sorghum	Low yield of fodder	250	Vanyadri, sundarpur , saradiya,butiyapura	FLD on Cofs-29 and OFT on GAFS-11 , GAFS-12, CSV-46F

		Non use of improved varieties	170	Vanyadri, sundarpur , saradiya,butiyapura	FLD on Cofs-29
17	Oat	Non use of improved varieties	170	Vanyadri, sundarpur , saradiya,butiyapura	FLD on OS-405
18	Feed Supplement for milking Buffalo	• Low milk yield and poor reproduction in buffalo	320	Vanyadri, sundarpur ,saradiya,butiyapura, bhagwanpura	FLD on Mineral Mixture and common salt
		• Low milk yield and poor reproduction in buffalo	250	Vanyadri, sundarpur ,saradiya,butiyapura, bhagwanpura	FLD on Stavari powder
		• Imbalance feeding	320	Vanyadri, sundarpur , saradiya,butiyapura ,bhagwanpura	. Training and Group meeting

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			02		02					04
Integrated Pest Management				01	01					02
TOTAL			**02**	**01**	**03**					**06**

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

Thematic areas	**Cattle**	**Poultry**	**Sheep**	**Goat**	**Piggery**	**Wormiculture**	**Fisheries**	**TOTAL**
Production and Management								
Feed and Fodder	2							2
TOTAL	**2**							**2**

B. Details of On Farm Trial / Technology Assessment during 2022

Sr. 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
1	**Green gram**	• Low productivity of Green gram due to non use of improved.	Assessment of performance of different varieties of summer Green gram under irrigated condition.	**Treatments** T_1 : Farmers practices : Green gram (cv.GAM-5) T_2 : To be assessed : Green gram (cv.GM-6) T_3 :To be assessed : Green gram (cv. Virat/IPM 205-7)	AAU.Anand (2015) NAU.Navsari(2018) IIPR,Kanpur (2016)	Seed of cv.GAM-5 cv.GM-6 cv. Virat/IPM 205-7	(8kg) (8kg)	1500	3	5000	Yield of variety Benefit cost ratio
2	**Pigeon pea**	• Low productivity of Pigeon pea due to non use of improved varieties	Assessment of performance of different varieties of Pigeon pea under un irrigated/ rainfed condition.	Treatments T_1 : Farmers practices (AGT-2) T_2 : To be assessed : GT-104 T_3 : To be assessed : GJP-1	AAU.Anand (2011) NAU.Navsari(2018) JAU,Judagadh (2015)	Seed of AGT-2 GT-104 GJP-1	(2kg) (2kg)	600	3	2000	Yield of variety Benefit cost ratio
3	**Chilli**	• Low yield • Use of YVM susceptible varieties. • Poor Knowledge of improved cultivation practices • Improper use of fertilizer and pesticides.	Assessment of Varieties of Chilli	**Treatments** T1 : Farmers practice T2: Arka Harita T3: Kashi Gaurav	IIHR, Bengaluru (2012) IIVR,Varanasi (2012)	Seedling of Chilii	15000 (Nos.)	10000	3	30000	Plant Population /plant No. of Fruit /plant Period of 1st and last picking
4	**Okra**	• Low yield • Use of YVM susceptible varieties. • Poor Knowledge of improved cultivation practices • Improper use of fertilizer and pesticides.	Assessment of Varieties of Okra	**Treatments** T1: Guj. Junagadh Okra Hybrid 4 (GJOH-4) T2: Kashi Vardan/kashi Kranti T3: Arka Nikitha	1. JAU, Junagadh (2014-15) 2. IIVR, Varanasi (2015 and 2011) 3. IIHR, Bengaluru (2017)	Seeds of Okra	14kg	10000	3	30000	No. of Plant infected due to YVM at 30, 60,90 DAS Insect pest population Yield of Verity

5	Lucerne (F)	• Low green fodder yield • Non use of Improved Verities	Assessment of different varieties of Lucerne	**Treatments :** T1 : Farmers Practies T2 : Anand-3 (AAU, Anand) T3 : RL-88 (IGFRI-Dharwad)	AAU , Anand IGFRI-Dharwad (2015)	Seed Anand-3 (2kg) RL-88 (2kg)	2kg 2kg	1000	10	10000	• Green fodder yield • No. of Cutting • BCR
6	Sorghum (F)	• Low Green fodder yield • Non use of Improved Verity • Low Productivity of diary animals due to imbalance feeding	Assessment of Different verity of Sorghum	Treatments T_1: Farmers practice – . T_2: GAFS-11 (AAU,Anand-2018) T_3: GAFS-12 (AAU,Anand-2019) T_4: CSV-46F (NAU,Navsari-2020)	AAU , Anand (2018) AAU , Anand (2019) (NAU,Navsari-2020)	Seeds of GAFS-11, GAFS-12 CSV-46F	15 kg 15kg 15kg	12000	10	1200	• Green fodder yield • No. of Cutting •BCR
7	IPM	• Higher infestation of Pink ball worm	**Assessment of savaj MDP technology for the management of pink boll worm in Cotton**	**Treatments** T_1 : Farmers practices (Convetional insecticides and recent chemicals are used as tank mixture with higher dose) T_2 : To be assessed : Five spray of *Beauveria Bassiana* 80 gm/ 10 ltr of water at 5% half opening of flowers and remaining four spray after 10 Days interval T_3 : To be assessed : 1000 drops of savaj MDP pest at place pf between two twinges at flowering initiation stage and remaining two treatment after 30 days interval	JAU, Junagadh 2018	*Beauveria Bassiana* 80 gm/ 10 savaj MDP 160gm	850 800	1650	3	4950	• Yield of Crop • Cost of Cultivation • Benefit Cost Ratio
8	IPM	Yield loss due to high infestation of TLCV,BW,EB	**Assessment of pest and disease resistant varieties in Tomato**	T_1 : Farmers practices (no use of resistant varieties) T_2 : To be assessed : Arka Vishesh OR Arka Samrat Varieties T_3: To be assessed : Arka Apeksha Varieties	ICAR-IIHR, Bengaluru 2016-18	Seedling of Arka Vishesh OR Arka Samrat Varieties Arka Apeksha Varieties	15000 Nos.	10000	3	30000	• No.of Infected plant due to pest and disease at 30,30,.90 DAS • Yield of Crop • Cost of Cultivation • BCR

3.3. Frontline Demonstrations

A. Details of FLDs to be organized (Oilseeeds, pulses, cereals, cotton, commercial crops, horticulture crops, vegetables, spices and condiments, fodder crops, etc)

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs with cost (Rs.)	Season and year	Area (ha)	No. of farmers/ Demon.	Parameters identified
Crop Production									
1	Soybean	*JS-20-34 (Indore-2014)*	ICM	Varietal	Seed (25 kg/Acre) Variety-JS-20-34 Seed Treatment (*Trichoderma viride* @ 10 gm/kg seed) **Cost Rs.50000/-**	Kharif -22	10.0	25	• Maturity days • No. Of pods per plant • Test weight of Grain
2	Greengram	*GAM-5 (AAU,Ananad 2015)*	ICM	Varietal	GAM-5 Seed (8 kg) Cost Rs.30000/-	Summer-22	10.0	25	•Yield of Variety •Disease index for YVMV •No. of effective pods •Maturity days •Sucking pest infestation
3	Blackgram	*NUL-7(Nimal Seeds PVt.ltd/ IPU-2-43 (IIPR,Kanpur)*	ICM	Varietal	*IPU-2-43/PU-31 Seed (6 kg)* Cost Rs.15000/-	Kharif -22	10.0	25	• Disease index for YVMV • No. of effective pods per plant • Maturity days • Sucking pest infestation
4	Pigeon pea	GJP-1 *JAU-Junagadh (2015*) GT-106	ICM	Varietal	*GJP-1* / GT-106 *Seed (6 kg)* Cost Rs.15000/-	Kharif -22	10.0	25	• Yield of Variety • No. of grain per pods • Maturity days • No. of branch per plant • No. of branch per plant • Sucking pest and pod borer infestation
5	Paddy	GAR-14 *(AAU,Anand -2018)*	ICM	Varietal	*GAR-14 Seed (10kg)* Cost Rs.5000/-	Kharif -22	8.0	20	• Yield & BCR • Maturity Days • No.of Renicals
6	Cotton	GTHH-49 (SDAU, SKnagar)	ICM HDP	Varietal	GTHH-49 (400 gm) Bio NPK (1 ltr) Consortia+ Micro Nutrient (10 kg/acre) Cost Rs.33000/-	Kharif-22	10.0	25	Productivity, Quality & Cost of Production
7	Sesame	Variety-GT-5/3	ICM	ICM	*Seed (3 kg/ha) Variety-GT-5/3 Cost:Rs.11500/-*	Summer-22	10.0	25	•Yield of Variety BCR

Sl. No.	**Crop**	**Variety**	**Thematic area**	**Technology for demonstration**	**Critical inputs**	**Season and year**	**Area (ha)**	**No. of farmers/ Demon.**	**Parameters identified**
Horticulture									
8	Banana	Banana Special fertilizer	INM	INM	Special fertilizer for Banana (IIHR) (2kg/dem) Cost -12000/-	Kharif-22	5.0	20	Productivity
9	Vegetable	Vegetable Special fertilizer	INM	INM	Special fertilizer for Vegetable (IIHR) (2kg/dem) Cost -12000/-	Kharif-22	5.0	20	Productivity
10	Tomato	Pvt.Co.F1 Var.	INM	INM	Azatobactor, PSB, Micronutrients Grade-4 Cost -25000/-	Kharif-22	5.0	20	Productivity, Quality and cost of production.
11	Banana+ Cabbage	Pvt.Co.F1 Var.	Intercropping	Intercropping	Inter Cropping with Cabbage(1:3) *Cost Rs.50000/-*	Kharif-22	5.0	12	Cost of control measure, Additional Income Generation. .
Animal Husbandry									
12	Sorghum	Cofs-29	Fodder Produ	Fodder Produ.	Seed COFS-29 (2 kg/ demo) Cost Rs.20000/-	Kharif-22	5.0	25	Production of Fodder
13	Oat	OS-405	Fodder Produ.	Fodder Produ.	Seed OS-405 (10 kg/ demo) Cost Rs.12500/-	Rabi-22	5.0	25	Production of Fodder
14	Feed Supplement for milking Buffalo	Mineral Mixture and Common salt	Animal nutrition	Feed supplement	Anubhav Chelated mineral mixture (5 kg) Common salt (3 kg) Cost Rs.12500/-	Rabi-22	20 animals	20	Productivity of Milk
15		Stavari (Powder)	Animal nutrition	Feed supplement	Satavari Root Powder 50g/day/animal For 60 days Cost Rs.15000/-	Rabi-22	20 animals	20	Milk Production and Reproduction performance

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/ Demon.	Parameters identified
Home Science (Other FLD)									
16	Kitchen Garden	Different vegetables	Nutritional Garden	Improved varieties of vegetables	Seeds & Seedlings **Cost Rs15000/-**	Rabi-21	100 Nos.	100	Production and cost saving.
17	Kitchen Garden	Different vegetables	Nutritional Garden	Improved varieties of vegetables	Seeds & Seedlings ***Cost Rs15000/-***	Kharif- 21	100 Nos.	100	Production and cost saving.
Plant Protection									
18	Cotton	Pvt.Hy. (Bt)	IPM	Management of Pink boll worm	*Use Pheromone trap with Pectino lure(40 no./ha)* *Alternate spray of Pesticide Emamectin benzoate 5 SG @ 5 gm/10 lit. of water OR Indoxacarb 15.8 EC 5 ml/10 lit of water at 15 days interval starting from the pest infestation to manage pink boll worm.* ***Cost Rs.23500/-***	Kharif-22	8.0	20	Pest population and cost of control measures.
19	Cotton	Pvt.Hy. (Bt)	IPM	Management of Sucking pest in Cotton	*Use **solar yellow sticky trap** @ 1/Acre* *Alternate spray of **Beauveria bassiana** (40 gms/10 lit. of water) and **Thiamethoxam 25 WG 0.01%** @ (4 g/10 lit. of water) at 15 day interval starting from the pest infestation* ***Cost Rs.20000/-***	Kharif-22	8.0	20	Pest population and cost of control measures.

20	Maize	Pvt.Hy.	IPM	Management of falls army worm	➢ *Installation of **pheromone traps** @ 5/Acre.* ***Poison baiting:** Keep the mixture of 25 kg rice bran + 5 kg jaggary for 24 hours to ferment. Add **250 g Thiodicarb 75 WP** just half an hour before application in the field and applied into the whorl of the plants when crop stage 25-30 DAS OR Spray **Emamectin benzoate 5 SG** 5 gm OR **Chlorantraniliprole 18.5 SC** 3 ml OR Spray of **Metarhizium anisopliae** 40 gm in 10 ltr of water at starting from the pest infestation* **Cost Rs.20000/-**	Rabi-22	8.0	20	Pest population and cost of control measures.
Other FLD									
21	Mushroom	-	-	-	Seed 5kg/ Farmers Cost Rs.13500/-	Rabi-22	10	10	
22	Vermi Composing	-	-	-	Vermi bed + Cost Rs.24000/- Earthworm 2kg/ Farmers	-	12	12	
					Total		**117**	**594**	

Sponsored Demonstrations (CFLDs on O & P/Others)

Crop	Area (ha)	No. of farmers
- CFLD on Pulses – Greengram (Under NFSM) –*Summer*	20	50
- CFLD on Oilseeds – - Soybean (Under NMOOP)- *Kharif-22*	10	25
- CFLD on Oilseed – Sesame (Under NMOOP) –*Summer-23*	10	25

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	25	-	500
2	Farmers Training	25	-	750
3	Media coverage	25	-	125
4	Training for extension functionaries	5	-	150

C. Details of FLD on Enterprises

a. Farm Implements

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators
-	-	-	-	-	-	-

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

A. ON Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	1	5	5	10	10	5	15	25
Cropping Systems	1	5	5	10	10	5	15	25
Integrated Farming	2	10	10	20	20	10	30	50
Seed production	1	5	5	10	10	5	15	25
II Horticulture	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
a) Vegetable Crops	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Production of low volume and high value crops	3	15	15	30	30	15	45	75
Nursery raising	1	5	5	10	10	5	15	25
Export potential vegetables	1	5	5	10	10	5	15	25
IV Livestock Production and Management	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Dairy Management	1	5	5	10	10	5	15	25
Poultry Management	1	5	5	10	10	5	15	25
Goat Management	1	5	5	10	10	5	15	25
Disease Management	1	5	5	10	10	5	15	25
Feed management	1	5	5	10	10	5	15	25
VII Plant Protection	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Integrated Pest Management	2	10	10	20	20	10	30	50
Integrated Disease Management	2	10	10	20	20	10	30	50
Bio-control of pests and diseases	1	5	5	10	10	5	15	25
TOTAL	**20**	**100**	**100**	**200**	**200**	**100**	**300**	**500**

(B) RURAL YOUTH								
Production of organic inputs (IPM)	1	10	5	15	10	5	15	30
Nursery Management of Horticulture crops	1	10	5	15	10	5	15	30
Dairy Farming	1	10	5	15	10	5	15	30
Entrepreneurial development of famers.	1	0	15	15	0	15	15	30
Seed Production	1	10	5	15	10	5	15	30
TOTAL	**5**	**40**	**35**	**75**	**40**	**35**	**75**	**150**
I Extension Personnel								
Integrated Pest Management	1	10	5	15	10	5	15	30
Protected cultivation technology	1	10	5	15	10	5	15	30
Dairy Farming	2	20	10	30	20	10	30	60
Livestock feed and fodder production	1	10	5	15	10	5	15	30
Low cost and nutrient efficient diet designing	1	10	5	15	10	5	15	30
Production and use of organic inputs	2	20	10	30	20	10	30	60
Any other (Sponsored Progremme)	5	50	25	75	50	25	75	150
TOTAL	**13**	**130**	**65**	**195**	**130**	**65**	**195**	**390**
G. Total	**38**	**270**	**200**	**470**	**370**	**200**	**570**	**1040**

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	3	30	15	45	30	15	45	90
Cropping Systems	1	10	5	15	10	5	15	30
Integrated Farming	1	10	5	15	10	5	15	30
Water management	2	20	10	30	20	10	30	60
Seed production	1	10	5	15	10	5	15	30
Integrated Crop Management	1	10	5	15	10	5	15	30
Production of organic inputs	1	10	5	15	10	5	15	30
II Horticulture	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
a) Vegetable Crops	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Production of low volume and high value crops	2	20	10	30	20	10	30	60
Off-season vegetables	1	10	5	15	10	5	15	30
Nursery raising	1	10	5	15	10	5	15	30
Export potential vegetables	1	10	5	15	10	5	15	30
Protective cultivation (Green Houses, Shade Net etc.)	2	20	10	30	20	10	30	60
b) Fruits	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Training and Pruning	1	10	5	15	10	5	15	30
Cultivation of Fruit	1	10	5	15	10	5	15	30
Micro irrigation systems of orchards	1	10	5	15	10	5	15	30
IV Livestock Production and Management	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Dairy Management	3	30	15	45	30	15	45	90
Poultry Management	1	10	5	15	10	5	15	30
Rabbit Management/goat	1	10	5	15	10	5	15	30
Disease Management	1	10	5	15	10	5	15	30
Feed management	2	20	10	30	20	10	30	60
Production of quality animal products	2	20	10	30	20	10	30	60

VII Plant Protection	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Integrated Pest Management	4	40	20	60	40	20	60	120
Integrated Disease Management	4	40	20	60	40	20	60	120
Bio-control of pests and diseases	2	20	10	30	20	10	30	60
X Capacity Building and Group Dynamics	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Leadership development	2	20	10	30	20	10	30	60
Group dynamics	5	50	25	75	50	25	75	150
Entrepreneurial development of farmers/youths	3	30	15	45	30	15	45	90
G. Total	**50**	**500**	**250**	**750**	**500**	**250**	**750**	**1500**

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	4	35	20	55	40	20	60	115
Cropping Systems	2	15	10	25	20	10	30	55
Integrated Farming	3	20	15	35	30	15	45	80
Water management	2	20	10	30	20	10	30	60
Seed production	2	15	10	25	20	10	30	55
Integrated Crop Management	1	10	5	15	10	5	15	30
Production of organic inputs	1	10	5	15	10	5	15	30
II Horticulture								
Production of low volume and high value crops	5	35	25	60	50	25	75	135
Off-season vegetables	2	15	10	25	20	10	30	55
Nursery raising	1	10	5	15	10	5	15	30
Export potential vegetables	2	15	10	25	20	10	30	55
Protective cultivation (Green Houses, Shade Net etc.)	2	20	10	30	20	10	30	60
Training and Pruning	1	10	5	15	10	5	15	30
Cultivation of Fruit	1	10	5	15	10	5	15	30
Micro irrigation systems of orchards	1	10	5	15	10	5	15	30
IV Livestock Production and Management								
Dairy Management	4	35	20	55	40	20	60	115
Poultry Management	2	15	10	25	20	10	30	55
Rabbit Management/goat	2	15	10	25	20	10	30	55
Disease Management	2	15	10	25	20	10	30	55
Feed management	3	25	15	40	30	15	45	85
Production of quality animal products	2	20	10	30	20	10	30	60
VII Plant Protection								
Integrated Pest Management	6	50	30	80	60	30	90	170
Integrated Disease Management	6	50	30	80	60	30	90	170
Bio-control of pests and diseases	3	25	15	40	30	15	45	85
X Capacity Building and Group Dynamics								
Leadership development	2	20	10	30	20	10	30	60
Group dynamics	5	50	25	75	50	25	75	150
Entrepreneurial development of farmers/youths	3	30	15	45	30	15	45	90

(B) RURAL YOUTH	0	0	0	0	0	0	0	0
Production of organic inputs (IPM)	1	10	5	15	10	5	15	30
Nursery Management of Horticulture crops	1	10	5	15	10	5	15	30
Dairy Farming	1	10	5	15	10	5	15	30
Entrepreneurial development of famers.	1	0	15	15	0	15	15	30
Seed Production	1	10	5	15	10	5	15	30
I Extension Personnel	0	0	0	0	0	0	0	0
Integrated Pest Management	1	10	5	15	10	5	15	30
Protected cultivation technology	1	10	5	15	10	5	15	30
Dairy Farming	2	20	10	30	20	10	30	60
Livestock feed and fodder production	1	10	5	15	10	5	15	30
Low cost and nutrient efficient diet designing	1	10	5	15	10	5	15	30
Production and use of organic inputs	2	20	10	30	20	10	30	60
Any other (Sponsored Progremme)	5	50	25	75	50	25	75	150
G. Total	88	770	450	1220	870	450	1320	2540

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	25	350	150	500	10	5	15	360	155	515
KisanMela	2	1000	500	1500	10	5	15	1010	505	1515
KisanGhosthi	5	200	70	270	6	2	8	206	72	278
Exhibition	5	5000	2000	7000	10	5	15	5010	2005	7015
Film Show	50	500	150	650	0	0	0	500	150	650
Farmers Seminar	6	200	150	350	10	5	15	210	155	365
Workshop	6	200	150	350	10	5	15	210	155	365
Group meetings	30	200	100	300	0	0	0	200	100	300
Lectures delivered	75	3000	1500	4500	0	0	0	3000	1500	4500
Newspaper coverage	15	0	0	0	0	0	0	0	0	0
Radio talks	5	0	0	0	0	0	0	0	0	0
TV talks	5	0	0	0	0	0	0	0	0	0
Popular articles	12	0	0	0	0	0	0	0	0	0
Extension Literature	05	0	0	0	0	0	0	0	0	0
Advisory Services.										
Scientific visit to farmers field	75	100	50	150	0	0	0	100	50	150
Farmers visit to KVK	150	2000	1500	3500	0	0	0	2000	1500	3500
Diagnostic visits	12	200	100	300	0	0	0	200	100	300
Exposure visits	05	200	100	300	0	0	0	200	100	300
Ex-trainees Sammelan	01	200	100	300	0	0	0	200	100	300
Soil health Camp	5	100	50	150	6	2	8	106	52	158
Animal Health Camp	5	100	50	150	6	2	8	106	52	158
Agri mobile clinic	0	00	00	00	00	00	0	0	0	0
Soil test campaigns	2	100	50	150	6	2	8	106	52	158
MahilaMandals meetings	12	0	150	150	0	10	10	0	160	160
Celebration of important days	5	300	100	400	6	2	8	306	102	408
Pre Kharif workshop	1	50	25	75	6	2	8	56	27	83
Pre Rabi workshop	1	50	25	75	6	2	8	56	27	83
Total	520	14050	7070	21120	92	49	141	14142	7119	21261

3.6. Target for Production and supply of Technological products

Target for Production and supply of Technological products SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
1	Green gram	GAM-5	15
2	Pigeon pea	Vaishali (BSMR-853)	25
3	Soybean	NRC-37	15
4	Paddy	GAR-13	55
			110

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS	Kagdi lime and drum stick and mango	Kagdi lime, PKM-1, Kesar, Rajapuri,Langado	10000
VEGETABLES	Chilli	F1	100000
	Tomato	F1	100000
	Brinjal	F1	20000
	Cabbage	F1	50000
	Cauliflower	F1	50000
		Total	**330000**

VALUE ADDED PRODUCTS

Crop / Commodity	Name of the product	Quantity to be prepared (kg or litre)	Sale value (Rs)
Fruit crops	NIL	NIL	NIL
Vegetables	NIL	NIL	NIL
Cereals and Millets	NIL	NIL	NIL
Oilseeds and pulses	NIL	NIL	NIL
Spices and condiments	NIL	NIL	NIL
Any other (Pl specify)	NIL	NIL	NIL
	Total	NIL	NIL

3.7. Action plan for management of KVK instructional farm

Total land with KVK : 20 ha Cultivable land : 15.64 ha (Irrigated : 15.64 ha, Rainfed : …. ha)

Micro-irrigation facility available at KVK : No.

S. No.	Name of crop	Area (ha)	Variety	Date of sowing / Planting	Date of harvest	Expected yield (q)
1	Crops					
2	Fruit crops					
	Kagdi lime and mango	1.0	Kagdi lime, Kesar, Rajapuri,Langado			10000
3	Vegetable crops		F1			150000
4	Seed production					
	Greengram	2.36	GAM-5	01-03-2022	25-05-2022	15.0
	Pigonpea	2.40	Vaishali	05-10-2022	30-03-2022	25.0
	Paddy	3.20	GAR-13	18-08-2022	16-11-2022	105.0
	Soybean	2.00	NRC-37	17-06-2022	20-11-2022	15.0
5	Fodder crops					
6	Technology cafeteria*					
7	Nutritional Garden*	0.10	15 types of vegetables	15.08.2022	Till date	
9	IFS Model*	Goatery	Surati			04 Nos
		Backyard poultry	Kadaknath & Ankleshwar			100 Birds
		Vermicompost	Verms & compost			25 kg Warms 2000 kg

4. Literature to be Developed/Published

A. KVK News Letter

Date of start : June-2012

Number of copies to be published : 350

B. Literature developed/published

S.No.	Topic	Number
1	Research paper each scientist	01
2	Technical reports	04
3	News letters	02
4	Training manual all discipline	06
5	Popular article	12
6	Extension literature	12
	Total	**37**

B. Details of Electronic Media to be produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette) and video clippings	Title of the programme	Number
1	Video Clipping	Crop related information	05

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

S. No.	Type of social media platform	Title / Purpose	Number
1	YouTube Channel	Vadodara KVK	01
2	Facebook page	Kvk Mangalbharti Vadodara	01
4	WhatsApp groups	11	01
5	Twitter Account	Krishi Vigyan Kendra - Vadodara @kvkvdr	01

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

S. No.	Title of success story / case study identified	Proposed month for case/story to be prepared/ developed
1	Success story on Introduction of Mushroom cultivation in Tribal area of Chhotaudepur	Dec- 2021
2	Success story on adoption of Kitchen gardening	July-2021

6. LINKAGES

6.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Anand Agricultural University, Anand	Technical Support
Model farm, Anand Agricultural University, Vadodara	Technical Support
State Department of Agriculture, and Dept. of Agriculture, District Panchayat, Vadodara / Chhotaudepur	Technical / Financial Support
State Dept. of Horticulture, Vadodara/ Chhotaudepur	Technical / Financial Support
National Horticulture Mission, Vadodara / Chhotaudepur	Technical / Financial Support
Dept. of Animal Husbandry, Vadodara / Chhotaudepur	Technical / Financial Support
ATMA Project, Vadodara / Chhotaudepur	Technical / Financial Support
Central ware housing Corporation	Technical Support
APMC Vadodara / Chhotaudepur	Technical / Financial Support
District Watershed Development Unit, Vadodara / Chhotaudepur	Technical Support
Main Research Station (Cotton), Surat, Navsari Agricultural University	Technical Support
National Bank for Agriculture and Rural Development (NABARD),Vadodara	Technical Support
LEAD Bank Bank Of Baroda/State Bank of India	Technical Support
GGRC	Technical Support
GSFC	Technical Support
Baroda Swarojgar Vikas Sansthan, Vadodara / Chhotaudepur	Technical Support
Prakurti Foundation , Zalod	Technical Support

6.2. Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage
1	05	Training
2	02	FLD
3	02	Farmer scientist Interaction
4	02	Kisan Gosthi
5	02	Farmers school

6.3. Give details of programmes under National Horticultural Mission

S. No.	Programme	Nature of linkage
1	02	Training Progamme,

6.4. Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage
1	**NA**	NA

6.5. Additional Activities Planned including sponsored projects (ProCRA / Pro SOIL/NARI/DAESI/DAMU/DFI, etc.) / schemes during 2021, if involved.

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
1	DAMU	FAP	-	38000	All SMSs

6.5.1. Details of activities planned in DFI villages

Name of DFI village selected	Total No. of families in the village	Interventions planned during 2021 **Farming Systems**	No. of families to be covered under the intervention	Present annual income of the family (Rs /annum)	Expected annual income of the family after intervention (Rs/ annum)
Sundarpura Ta.: Sankheda, Dist.: Chhotaudepur	91	1. Crops +Horti.+ Animal husbandry +Vegetables	40	94300/-	98400/-
		2. Crops + Horticulture+ Animal Husbandry		88200/-	90400/-
Vaniyadri Ta.Bodeli, Dist. Chhotaudepur	125	1. Crops +Horti.+ Animal husbandry +Vegetables	60	134750/-	137650/-
		2. Crops + Horticulture		94300/-	96400/-
		1. Crops + Animal husbandry		94100/-	96600/-

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

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

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

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

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

S. No.	Name of Job Role	Duration (No. of hours)	No. of participants
1	Nursery Worker	200	20
2	Vermicompost producer	200	20

6.6. Activities planned in respect of FPOs / FPCs

1. No. of FPOs / FPCs to be formed: 00
2. No. of existing FPOs / FPCs to be facilitated: 06
3. Type of support to be provided to existing FPOs / FPCs:

S. No	Name of the FPO / FPC	No. of members	Major activities of FPO / FPC	Type of support to be provided by KVK
1	Tribal Organization Fruits and Vegetable Producer Company Ltd	302	Members of Wadi project and try to sell their produce direct consumers	Training and hand holding supports to members
2	Tribal Organization Organic Producer Company Ltd	300	Producer of organic pulses and cereals	Training and hand holding supports to members
3	Tatwa Agriculture Producer Company Ltd	270	Growers of Fruits and vegetables	Training and hand holding supports to members
4	Talwa Pulse Farmers Producer Company Ltd	180	Growers of Pulses and making value addition from the farm produce	Training and hand holding supports to members
5	Kawant Vanvasi Agri Producer Company Limited	735	Producer of Pulses and making Dal from the raw produce	Training and collaboratively laid down FLDs
6	Naswadi Ujjwal Agri Producer Company LTD	700	Produce different types of Dal and cereals and sell in retail markets	Training and collaboratively laid down FLDs

7.0 Convergence with other agencies and departments:

8. Innovator Farmer's Meet 2021

Sl.No.	Particulars	Details
	Are you planning for conducing Farm Innovators meet in your district?	Yes
	If Yes likely month of the meet	Oct '21
	Brief action plan in this regard	

9. Utilization of hostel facilities

S. No.	Programme	No. of days
1	**On Campus**	**80**
2	**Sponsor Training Programme**	**10**
3	**Extension Personal Training**	**24**

10. Details of online activities planned (If any)

S. No.	Type of activities	No. of programmes	Mode of implementation (Video conferencing / Audio Conferencing / Facebook Live / YouTube Live, etc)	No. of participants to be covered
1	Farmers trainings	05	Video conferencing / Audio Conferencing	250
2	Farmers scientist's interaction programme	02	Video conferencing / Audio Conferencing	100
3	Farmers seminars	01	Video conferencing / Audio Conferencing	150
4	Expert lectures	10	Video conferencing / Audio Conferencing	350
5	Any other (Pl. specify)	-	-	-

11. Details of collaborative applied research projects planned if any

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

Annexure - I

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
08.02.2022 12.02.2022	PF	Importance of Mix cropping in pigeonpea and cotton crop.	4	5	5	10	10	5	15	25
25.08.2022 28.08.2022	PF	Weed management and Nutrient Mang. in Paddy Cotton, Soybean Crops	4	5	5	10	10	5	15	25
14.10.2022 17.10.2022	PF	Seed production of cotton & Paddy Crops	4	5	5	10	10	5	15	25
15.12.2022 18.12.2022	PF	Nutrient Mang and Weed Mang.in Maize.	4	5	5	10	10	5	15	25
05.12.2022 08.12.2022	PF	Nutrient Mang and Weed Mang.in Green gram.	4	5	5	10	10	5	15	25
Horticulture										0
08.06.2022 11.06.2022	PF	Healthy seedling preparation of tomato & Chili	4	5	5	10	10	5	15	25
15.07.2022 18.07.2022	PF	Improved cultivation practices in banana	4	5	5	10	10	5	15	25
16.09.2022 19.09.2022	PF	Precision farming of chilli and Tomato	4	5	5	10	10	5	15	25
12.10.2022 15.10.2022	PF	Improved cultivation practices in brinjal	4	5	5	10	10	5	15	25
02-12-2022 05-12-2022	PF	Imp. of MIS in Chili and Tomato	4	5	5	10	10	5	15	25
Livestock prod.										0
21.05.2022 24.05.2022	PF/FW	Back yard poultry management.	4	5	5	10	10	5	15	25
25.06.2022 28.06.2022	PF/FW	Prevention and control of infectious disease of animals.	4	5	5	10	10	5	15	25
20.08.2022 23.08.2022	PF/FW	Feeding, Breeding and housing mang. practices of dairy animals	4	5	5	10	10	5	15	25
04.09.2022 07.09.2022	PF/FW	Goat Farming - A best income generation activities in tribal areas.	4	5	5	10	10	5	15	25
17.12.2022 20.12.2022	PF/FW	Care and Management of Newborn calf	4	5	5	10	10	5	15	25
Pl.Protection										0
11.05.2022 14.05.2022	PF	Preparation of botanical pesticides and their uses to manage pest and disease.	4	5	5	10	10	5	15	25
02.06.2022 05.06.2022	PF	IDM and IPM in Soybean Crop	4	5	5	10	10	5	15	25
3.08.2022 6.08.2022	PF	IPM in cotton	4	5	5	10	10	5	15	25
26.10.2022 29.10.2022	PF	IDM and IPM in Maize	4	5	5	10	10	5	15	25
14.12.2022 17.12.2022	PF	Ecofriendly management of pest and disease of summer sesame	4	5	5	10	10	5	15	25
				100	100	200	200	100	300	500

i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
10.04.2022	PF	ICM system for sustainable crop production of cotton and piegonpea.	1	10	5	15	10	5	15	30
27.04. 2022	PF	Role of waste decomposter in organic farming.	1	10	5	15	10	5	15	30
12.05. 2022	PF	Water mang. in hilly area	1	10	5	15	10	5	15	30
22.05.2022	PF	Weed management in cotton.	1	10	5	15	10	5	15	30
21.06.2022	PF	Nutrient Management in Paddy and Soybean crop.	1	10	5	15	10	5	15	30
23.07.2022	PF	Micronutrients management in Cotton & Maize crop.	1	10	5	15	10	5	15	30
28.08.2022	PF	Weed management in Pigeonpea and Blackgram	1	10	5	15	10	5	15	30
17.09.2022	PF	How to increase water use efficiency in cash crop.	1	10	5	15	10	5	15	30
20.10.2022	PF	Seed production in Paddy and Black gram.	1	10	5	15	10	5	15	30
17.11.2022	PF	Scientific cultivation of Rabi crops.	1	10	5	15	10	5	15	30
Horticulture										0
09.04.2022	PF	Improved cultivation practices of summer okra	1	10	5	15	10	5	15	30
08.05.2022	PF	Use of bio fertilizers and organic manures in chili and tomato cultivation	1	10	5	15	10	5	15	30
17.05.2022	PF	Healthy seedling Production of Chilli and tomato	1	10	5	15	10	5	15	30
15.06.2022	PF	Integrated crop management in papaya	1	10	5	15	10	5	15	30
27.06.2022	PF	Nutrient management in chilli and tomato cultivation	1	10	5	15	10	5	15	30
30.06.2022	PF	INM and important culture practices in banana	1	10	5	15	10	5	15	30
14.07.2022	PF	Importance of MIS and fertigation in Chilli	1	10	5	15	10	5	15	30
11.08.2022	PF	Additional Income generation through farm border plantation	1	10	5	15	10	5	15	30
08.09.2022	PF	Grading and Packaging of chilli and tomato	1	10	5	15	10	5	15	30
07.10.2022	PF	Seedlings production through plug nursery for cabbage and cauliflower	1	10	5	15	10	5	15	30
Live Stock Production.										0
24.04.2022	PF	back yard poultry management	1	10	5	15	10	5	15	30
08.05.2022.	PF	care and management of heifer for better reproductive performance	1	10	5	15	10	5	15	30
29.06.2022	PF	Calf rearing and calf management practices in dairy animals	1	10	5	15	10	5	15	30
14.07.2022	PF	Feed & fodder Management of milch animals	1	10	5	15	10	5	15	30
24.08.2022	PF	Breeding management to reduce calving interval	1	10	5	15	10	5	15	30
08.09.2022	PF	Mineral nutrition to improve fertility	1	10	5	15	10	5	15	30
10.10.2022	PF	Care and Management of animal in advanced pregnancy	1	10	5	15	10	5	15	30
16.11.2022	PF	Prevention and control of parasite	1	10	5	15	10	5	15	30
21.12.2022	PF	clean milk production	1	10	5	15	10	5	15	30
16.12.2022.	PF	Advantage and and importance of urea treatment and silage making	1	10	5	15	10	5	15	30
Extension Education										0
19.04.2022	PF	Awareness training on different govt.scheme realted to agriculture	1	10	5	15	10	5	15	30
24.05.2022	PF	Awareness & Use of different apps of communication media.	1	10	5	15	10	5	15	30
21-06-2022	PF	Awarenss about Govt. Subsidy Scheme in agri.	1	10	5	15	10	5	15	30
21-07-2022	PF	Enterprenuerhship development through dairy farming	1	10	5	15	10	5	15	30
22-08-2022	PF	Awarness about cashless transation & Its benefits.	1	10	5	15	10	5	15	30
19.09.2022	PF	Govt.scheme procedure for implementation	1	10	5	15	10	5	15	30

19.10.2022	PF	use agril. related website for information benefits.	1	10	5	15	10	5	15	30
19.11.2022	PF	Awarmess regarding state Govt. development schemes	1	10	5	15	10	5	15	30
19.12.2022	PF	Information and communication technology in agri.sector	1	10	5	15	10	5	15	30
28.12.2022	PF	Banking solutions for farmers & farm workers	1	10	5	15	10	5	15	30
Pl.Protection										0
30.04.2022	PF	Management of pink boll worm in cotton	1	10	5	15	10	5	15	30
11.05.2022	PF	IDM and IPM in Cotton	1	10	5	15	10	5	15	30
25.05.2022	PF	Pest and Disease Management in Seseme Crop	1	10	5	15	10	5	15	30
15.06.2022	PF	Pest population management at seedling stage in tomato and chilli	1	10	5	15	10	5	15	30
11.07.2022	PF	Pest and Disease Management in soybean Crop	1	10	5	15	10	5	15	30
06.08.2022	PF	Use of Biofertilizer and Biopesticides to management of pest and disease	1	10	5	15	10	5	15	30
18.09.2022	PF	IDM and IPM in Pegionpea	1	10	5	15	10	5	15	30
10.12.2022	PF	Integrated Disease Management in Maize	1	10	5	15	10	5	15	30
15.12.2022	PF	Management of fall army worm in Maize integrated approach (IPM)	1	10	5	15	10	5	15	30
30.12.2022	PF	Preparation of biopesticides and their use in manage pest and disease	1	10	5	15	10	5	15	30
				500	250	750	500	250	750	1500

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Month	Duration (days)	No. of Participants			SC/ST participants			G.Total
					M	F	T	M	F	T	
Nursery Management	Nursery Management	Nursery Management in horticulture crops	01-07-22 to 09-07-22	8	10	5	15	10	5	15	30
Cereal crops	Organic Farming	Organic farming in Cereal crops	15-12-22 22-12-22	8	10	5	15	10	5	15	30
Cotton & Vegetables	Integrated pest & Diseases Management	Low cost inputs production for IPM & IDM at field level	11-09-22 18-09-22	8	10	5	15	10	5	15	30
Goat	Goat Farming	Goat Farming	10-10-22 17-10-22	8	10	5	15	10	5	15	30
				32	**40**	**20**	**60**	**40**	**20**	**60**	**120**

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
On Campus										
20.12.2022	Extension functionaries	Low cost net house and greenhouse	3	10	5	15	10	5	15	30
22.06.2022	Extension functionaries	Dairy Farming	3	10	5	15	10	5	15	30
26.05.2022	Extension functionaries	Contingency Crop Planning/ oil seed cultivation	3	10	5	15	10	5	15	30
02.07.2022	Extension functionaries	Low cost net house and greenhouse	3	10	5	15	10	5	15	30
22.08.2022	Extension functionaries	Dairy Farming	3	10	5	15	10	5	15	30
26.09.2022	Extension functionaries	Contingency Crop Planning/ oil seed cultivation	3	10	5	15	10	5	15	30
25.10-2022	Extension functionaries	PMFBY Information	3	10	5	15	10	5	15	30
22.11.2022	Extension functionaries	Dairy Farming	3	10	5	15	10	5	15	30
		Total	**24**	**80**	**40**	**120**	**80**	**40**	**120**	**240**

iv) Sponsored programme

Discipline	Sponsoring agency	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
a) Sponsored training programme											
Horticulture	Horticulture Dept.	PF	Cultivation of medicinal and aromatic plants	3	5	5	10	15	5	20	30
Animal Sci	ATMA Project	PF	Dairy Farming	3	5	5	10	15	5	20	30
Plant Prot	ATMA Project	PF	IPM	3	5	5	10	15	5	20	30
Agronomy	ATMA Project	PF	Organic Farming	3	5	5	10	15	5	20	30
Ext. Edu	ATMA Project	PF	Leadership Developments	3	5	5	10	15	5	20	30
			Total	**15**	**25**	**25**	**50**	**75**	**25**	**100**	**150**

Annexure - II

Budget - Details of budget utilization (2020-21) up to Dec-2020

S.No.	Particulars	Sanctioned	Released	Expenditure
13.1	**Recurring Contingencies**			
13.1.1	**Pay & Allowances**	**13000000**	**8207309**	**9155215**
13.1.2	**Traveling allowances**	**100000**		**4854**
13.1.3	**Contingencies**	**1100000**		**515745**
13.1.4.1	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance	400000		171704
B	POL, repair of vehicles, tractor and equipments			62808
C	Meals/refreshment for trainees		653050	39868
D	Training material			6039
E	Frontline demonstration except oilseeds and pulses	700000		9456
F	On farm testing			183282
G	Training of extension functionaries			42588
H	Maintenance of buildings			0
13.1	**Total Recurring**	**14200000**	**8860359**	**9675814**
13.4	**GRAND TOTAL (A+B+C)**	**14200000**	**8060359**	**9675814**

Details of Budget Estimate (2021-22) based on proposed action plan

S. No.	Particulars	BE 2021-22 proposed (Rs.)
14.1	**Recurring Contingencies**	
14.1.1	**Pay & Allowances**	**14600000**
14.1.2	**Traveling allowances**	**100000**
14.1.3	**Contingencies**	**1400000**
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	500000
B	POL, repair of vehicles, tractor and equipments	
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	900000
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	
G	Training of extension functionaries	
H	Maintenance of buildings	
I	Establishment of Soil, Plant & Water Testing Laboratory	
J	Library	
14.1	**TOTAL Recurring Contingencies**	**16100000**
14.2	**Non-Recurring Contingencies**	
14.2.1	**Works** Training Hall (Rs.25.00 lacs)	2500000
14.2.2	**Equipments including SWTL & Furniture** Zerox Machine (1.00 lacs) Grain & Grading Machine (5.00 lacs) Hostel Furniture (0.50 lacs) Office Furniture (0.50 lacs)	700000
14.2.3	**Vehicle** (Four wheeler/Two wheeler, please specify) Jeep (9.00 lacs) Tow Wheeler (1.00 lacs)	1000000
14.2	**TOTAL Non-Recurring Contingencies**	**4200000**
14.4	**GRAND TOTAL**	**20300000**