

Annual Action Plan (2023)





Senior Scientist & Head

Krishi Vigyan Kendra Junagadh Agricultural University Khapat – 360 579 Porbandar (Gujarat)

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ICAR-ATARI, Pune ANNUAL ACTION PLAN OF KVKs DURING 2023 (1stJanuary to 31st December, 2023)

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
Krishi Vigyan Kendra	Office	FAX		
Junagadh Agricultural University				
Adityana Road, Opp. Saint Joseph	94089 03062		kvkkhapat@jau.in	-
School, Khapat-360579	94089 05062	-		
Dist. Porbandar, Gujarat				

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

Address with PIN code	TelephoneFAX		E mail	Website address
	(1)0285- 2671784 (2)0285-2672080-90			www.jau.in

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

Name		Telephone / C	ontact
Dr. H.R. Vadar	Office	Mobile	Email
	94089 03062	94265 43628	hrvadar@jau.in

1.4. Year of sanction& type of host organization: 2005 (SAU)

1.5. Staff Position (as on 31st December, 2022)

				If Perm	anent, plea	se indicate	If
Sl No	Sanctioned post	Name of the incumbent	Discipline	Current Pay Band	Current Grade Pay	Date of joining	Temporary, pl. indicate the consolidated amount paid (Rs. /month)
1	Senior Scientist and Head (I/C)	Dr. H.R. Vadar	Soil & Water Engineering	131400- 217100	-	01-07-2021	-
2	Scientist	Dr. H.A. Patel	Animal Hus.	57700- 182400	-	06-04-2015	-
3	Scientist	V.M. Savaliya	Horticulture	57700- 182400	-	01-08-2017	-
4	Scientist	Vacant	-	-	-	-	-
5	Scientist	Vacant	-	-	-	-	-
6	Scientist	Vacant	-	-	-	-	-
7	Scientist	Vacant	-	-	-	-	-
8	Programme Assistant (Lab. Tech.)	D.N. Hadiya	Genetics & Plant Breeding	39900- 126100	-	07-08-2018	Fix Pay
9	Programme Assistant (Computer)	R.R. Shida	-	39900- 126100	-	25-06-2019	-

10	Farm Manager	A.M. Gamit	Genetics & Plant Breeding	39900- 126100	-	02-08-2018	Fix Pay
11	Assistant	B.S. Bokhariya	-	44900- 142400	-	12-06-2008	-
12	Stenographer	Vacant	-	-	-	-	-
13	Driver 1	Vacant	-	-	-	-	-
14	Driver 2	Vacant	-	-	-	-	-
15	Supporting staff 1	Vacant	-	-	-	-	-
16	Supporting staff 2	Vacant	-	-	-	-	-

1.6. Total land with KVK (in ha): 20.59

S. No.	Item	Area (ha)
1	Under Buildings	2.451
2	Under Demonstration Units	0.337
3	Under Crops	14.66
4	Horticulture	2.798
5	Pond	0.344
6	Others if any	-
	Total	20.59

1.7. Infrastructural Development

A. Buildings

			Stage					
S.	Name of	Source of	Source of Complete			Incomplete		
No.	building	funding	Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1	Administrative Building	ICAR	2007	588	30,78,850	-	-	Completed
2	Farmers Hostel	ICAR	2008	288	21,02,300	-	-	Completed
3	Staff Quarters	ICAR	2007	446	28,38,616	-	-	Completed
4	Fencing	ICAR	2009	500 RM	-	-	-	Completed
5	Rain Water harvesting system	ICAR	2009	-	10,00,000	-	-	Completed
6	Threshing floor	ICAR	2014	164.87	1,52,338	-	-	Completed
7	Farm godown	ICAR	2009	129	-	-	-	Completed
8	Mini soil testing Kit	ICAR	2017	-	90,300	-	-	-
9	Godown	ICAR	2014	62.86	4,06,425	-	-	Completed

B. Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor (Farmtrac)	2005	3,80,000	61257 Hrs	Medium
Scorpio Jeep	2017	11,86,893	78078	Good
Motorcycle (Hero Splender)	2010	47,000	33822	Good

C. Equipment & AV aids					
Name of the equipment / Implements	Year of purchase	Cost (Rs.)	Present status		
LCD projector	2008-09	1,00,000	Running		
Zerox machine	2008-09	1,24,000	Running		
R.O. plant	2008-09	24,450	Running		
HCl laptop computer	2008-09	47,500	Damaged		
Food processor	2008-09	5,495	Running		
Multipurpose bullock drawn pipe	2008-09		Running		
frame implement head peace	2000-07	27,500	Rummg		
Rotavator tractor operated	2008-09	96,000	Running		
Planter tractor operated	2008-09	44,000	Running		
Fractor drawn harrow cum	2008-09	++,000	Running		
cultivator cum intercultivator	2008-09	37,500	Kulling		
frame 86"		57,500			
Samsung double door refrigerator	2008-09	17,650	Running		
	2008-09	9,580			
Electrolux grill microwave / oven	2008-09	1,03,912	Running		
Panasonic LCD projector		1,03,912	Running		
Multi purpose groundnut cum wheat thresher	2008-09	1,14,000	Running		
	2000.00	a 4 a 000	י מ		
Cotton shredder	2008-09	2,42,000	Running		
Solar street light	2008-09	28,000	Running		
Solar lanterns	2008-09	4,800	Running		
Solar cooker	2008-09	3,300	Running		
Mobile seed grading unit	2008-09	16,85,000	Not working		
Decorticators	2008-09	95,850	Running		
Winnowing fan	2008-09	8,500	Running		
Chaff cutter	2008-09	30,188	Running		
High tech sprayer pump	2008-09	1,850	Running		
Split AC (2)	2008-09	59,980	Running		
Sony handycam	2009-10	24,750	Running		
Honda portable genset	2009-10	47,088	Damaged		
PA conference system	2010-11	9,200	Running		
Chairmen unit	2010-11	43,001	Running		
Delegate unit	2010-11	3,839	Damaged		
Water cooler & purifier	2010-11	39,165	Running		
Water cooler	2010-11	24,955	Running		
Dell desktop computer	2010-11	38,619	Running		
HP laser printer	2010-11	11,336	Running		
Groundnut grader	2010-11	42,000	Running		
Winnower	2010-11	37,000	Running		
LG Refrigerator	2010-11	19,610	Running		
Multicrop cleaner cum grader	2010-11	2,30,000	Running		
Laptop HP	2010-11 2011-12	49,875	Not working		
Samsung laser printer	2011-12	9,450	Not working		
Canon SLR camera	2011-12	44,750	Working		
Sony projector	2011-12	75,600	Running		
Vestar AC (2)	2011-12	75,000	÷		
			Running		
Recoh digital zerox machine	2016-17	1,46,000	Running		
Water cooler	2016-17	33,500	Running		
Acer desktop (3)	2016-17	1,02,345	Not working		
Samsung Printer	2016-17	12,546	Running		
Integrated community computer (K-YAN)	2016-17	1,19,777	Running		

1.8. Details of SAC meetings to be conducted in the year				
	Sl.No.	Particulars	Proposed date of meeting	
	1	Scientific Advisory Committee	07-02-2023	

2. DETAILS OF JURISDICTION AREA UNDER KVK (No. of talukas)

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

S. No	Farming system/enterprise	Names of talukas covered
1	Rainfed Farming System	Dombondom Donovovy Kutivono
2	Cattle/ Buffalos	Porbandar; Ranavav; Kutiyana

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

a. Agro-Climatic Zone

Sl. No.	Agro-climatic Zone	Characteristics		
1		Porbandar district is located between 21° to 22° N latitude and 69° to 70° E longitude. Khapat - N 21° 40' 12" and E 69° 37' 14" Soil: medium black & silty loam with calcareous in nature pH: of the soil is ranging from 7.50 to 8.58 Water: EC value up to 8.1 mm / cm Average Rainfall: 668 mm Temperature Range: 12.0° C to 39.0 °C		

b. Topography

S. No.	Agro ecological situation	Characteristics
1	Shallow black soil with low rainfall	Soil: Sandy clay loam to clay with Rainfall: <750 mm
2	Hilly soil with low rainfall	Soil: Sandy clay loam to sandy clay with Rainfall: <750 mm
3	Medium black soil with low rainfall	Soil: Sandy clay to clay with Rainfall: <750 mm
4	Deep black soil with low rainfall (<i>Ghed</i>)	Soil: clay with Rainfall: <750 mm
5	Mix red & black soil with medium rainfall	Soil: Sandy clay loam to clay loam with Rainfall: 750-1000 mm

2.3. Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Sandy clay loam to clay	Rainfall: <750 mm	34241
2	Sandy clay loam to sandy clay	Rainfall: <750 mm	46080
3	Sandy clay to clay	Rainfall: <750 mm	86627
4	Clay	Rainfall: <750 mm	56880
5	Sandy clay loam to clay loam	Rainfall: 750-1000 mm	5707

2.4. <i>A</i>	2.4. Area, Production and Productivity of major crops cultivated in the district (2022)							
S. No	Сгор	Area (ha) Production (000 T)		Productivity (Kg/ha)				
	Major Field crops							
1	Groundnut	78,800	156.10	1981				
2	Cotton	4,100	3.72	907#				
3	Wheat	25,200	92.31	3663				
4	Gram	53,800	106.95	1988				
5	Green gram	6,200	8.21	1324				
6	Sesame (Summer)	2,600	2.27	875				
	Major Horticultural cro	ops						
1	Cumin	14,000	11.14	796				
2	Coriander	13,400	22.85	1705				
3	Coconut*	750	6750	9000				
4	Mango	431	3.6	8420				

Source: District Agriculture Department & District Horticulture Department, Porbandar * Coconut production is in '000 nuts & productivity in nuts

#Total cotton productivity

2.5. Weather data (2022)

Month	Doinfall (mm)	Tempe	rature ⁰ C	Relative H	ımidity (%)
INIOIIUII	Rainfall (mm)	Maximum	Minimum	Maximum	Minimum
January-22	52	28.00	09.00	79.00	41.00
February-22	-	32.00	11.00	76.50	37.50
March-22	-	33.00	18.00	73.50	34.50
April-22	-	34.50	19.50	79.50	48.50
May-22	-	37.00	26.00	80.00	67.00
June-22	105	35.00	26.50	87.00	65.00
July-22	533	32.00	25.00	89.00	69.00
August-22	360	35.00	24.00	88.00	67.00
September-22	126	30.00	21.00	89.74	74.00
October-22	-	31.00	23.00	77.00	60.00
November-22	-	29.00	17.00	72.00	51.00
December-22	-	28.00	14.00	75.00	44.00
Total	1176	-	-	-	-
Average	-	32.04	19.50	80.52	54.88

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

Category	Population (No.)	Production (Per unit)	Productivity (Per unit)
Cattle			
Crossbred	-	-	-
Indigenous	84,711	-	-
Buffalo	1,44,573	-	_
Sheep	21,675	-	-
Goats	17,891	-	-
Pigs			
Crossbred	-	-	-
Indigenous	-	-	-
Rabbits	-	-	-
Poultry			
Hens	2069	-	-
Desi	-	-	-
Category		Production (Q.)	Productivity (Per Unit)
Fish (Reservoir)	7586 (Fisherman)	9,12,544	-
Fish (Farm ponds)	-	-	-

		tional area / V		Maion problem	Idontified Thurst
Taluka	Name of		Major crops &	Major problem	Identified Thrust
	the block	village	enterprises	identified	Areas
Porbandar	Cluster I	Bokhira Pandavadar Mander Chikasa Mocha	Groundnut Wheat Cumin Coriander Sorghum Gram Fenugreek	 White grub & stem rot in groundnut Wilt & blight in cumin Powdery mildew in coriander 	 IPM (Management of white grub in groundnut) INM Improved package of practices IDM (Management of stem rot in groundnut) Poor quality water
Ranavav	Cluster II	Digvijaygadh Adityana Bordi Bhoddar Khambhala	Groundnut Cotton Sorghum Wheat Cumin Pearl millet	 White grub & stem rot in groundnut Pink ball worm & sucking pest in cotton Wilt & blight in cumin 	 IPM (Management of white grub in groundnut; pink ball worm in cotton) INM Improved package of practices IDM (Management of stem rot in groundnut) INM in Horticulture
Kutiyana	Cluster III	Tarkhai Revadra Kavalka Mohabatpara Devda	Groundnut Cotton Castor Sorghum Wheat Cumin Gram	 White grub & stem rot in groundnut Pink ball worm & sucking pest in cotton Wilt & blight in cumin 	 IPM (Management of white grub in groundnut; pink ball worm in cotton) INM Improved package of practices IDM (Management of stem rot in groundnut) Problematic soil Poor quality irrigation water

2.8. Priority thrust areas

Crop/Enterprise	Thrust area				
Groundnut	Integrated Nutrient Management, Integrated Pest & Disease Management, Soil moisture conservation, Improved variety, Natural farming				
Cotton	Integrated Pest Management, Integrated Nutrient Management, Natural farming				
Wheat	Integrated Nutrient Management, Soil moisture conservation				
Cumin	Integrated disease management, irrigation management, Natural farming				
Coriander	Improved variety, IDM				
Chick pea	Improved variety, INM, Natural farming				
Sorghum	Soil moisture conservation				
Horticulture	Improved package of practices of spices, PHT in fruits & vegetables				
Fisheries	Integrated fish farming, freshwater aquaculture, seaweed cultivation				
Farm women	Income generating activities, Value addition in agricultural produce, women & child care				

3. TECHNICAL PROGRAMME

3.1. A. Details of targeted mandatory activities by KVK

0	FT	Fl	L D	
(1)	(2)		
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers	
5	15	43.0	235	

Tra	ining	Extension Activities		
(3)	(4)		
Number of Courses	Number of Participants	Number of activities	Number of participants	
59	1535	23	2645	

Seed Production (q)	Planting material (Nos.)	Livestock, poultry strains and Fish seed prod. (No's)	Soil and water Samples
(5)	(6)	(7)	(8)
150	10000	-	100

3.1. B. Operational areas details proposed during 2023

S. No.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (Ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Proposed Intervention (OFT, FLD, Training, extension activity etc.)*
1	Groundnut	• White grub & stem rot in groundnut			OFTs Training Ext. Activities
	Cumin	• Wilt & blight in cumin		Bokhira Pandavadar Mander	FLDs Training Ext. Activities
	Coriander	 Powdery mildew in coriander 		Chikasa Mocha	FLDs Training Ext. Activities
	Cattle/ Buffalos	• Milk Fever & Mastitis			OFTs Training Ext. Activities
2	Groundnut	• White grub & stem rot in groundnut			OFTs Training Ext. Activities
	Cotton	• Pink ball worm & sucking pest in cotton		Digvijaygadh Adityana Bordi	FLDs Training Ext. Activities
	Cumin	• Wilt & blight in cumin		Bhoddar Khambhala	FLDs Training Ext. Activities
	Cattle/ Buffalos	• Milk Fever & Mastitis			OFTs Training Ext. Activities
3	Groundnut	• White grub & stem rot in groundnut			OFTs Training Ext. Activities
L	Cotton	 Pink ball worm & sucking pest 		Tarkhai Revadra	FLDs Training

	in cotton	Kavalka	Ext. Activities
Cumin	• Wilt & blight	Mohabatpara	FLDs
	in cumin	Devda	Training
			Ext. Activities
Cattle/	• Milk Fever &		OFTs
Buffalos	Mastitis		Training
			Ext. Activities

* Support with problem-cause and interventions diagram

3.2. Technologies to be assessed

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetable	Fruits	Flower	Plantati on crops	Tuber Crops	TOTAL
Integrated Nutrient Management	1	-	-	-	1	-	-	-	-	2
Integrated Pest Management	-	1	-	-	-	-	-	-	-	1
Integrated Disease Management	-	1	-	-	-	-	-	-	-	1
TOTAL	1	2	-	-	1	-	-	-	-	4

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

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Wormi culture	Fisheries	TOTAL
Nutrition Management	1	-	-	-	-	-	-	1
TOTAL	1	-	-	-	-	-	-	1

B. Details of On Farm Trials/ Technology Assessment proposed during 2022-23

S No	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Tech.	Name of critical input	Qty per trial	Cost per trial	No. of trial s	Total cost for the Intervent ion (Rs.)	Paramet ers to be studied	Tea m me mbe rs
1	Groundnut	Low yield, quality deterioration of seed in groundnut	Management of collar rot in groundnut using bio- inputs	IDM	JAU, Junagadh	Trichoderma harzianum ; Pseudomonas fluorescens & castor cake	0.5 kg 0.5 kg 100 kg	- 2000/	3	6000/-	Yield, Economi cs, CFU	3
2	Home Science	Pests infestation during storage	Assessment of PICS bag for groundnut storage	PICS bags	JAU, Junagadh	PICS bags	5	700/-	3	2100/-	Weight loss; Insect (Bruchid)damage	3
3	Cattle	Low fat in milk & financial loss	Effect of supplementati on of concentrates on milk production of <i>Gir</i> cow	Nutrient management	Animal Nutrition Research Station, AAU, Anand	Concentrated mixture + Mineral mixture	1	4000/	3	12000/-	Milk yield & Income	3
4	Chili	Low production in Summer chili	Integrated Nutrient Management in Summer chili	INM	NAU, Navsari	Banana pseudostem sap	3 lit.	500/-	3	1500/-	Yield, Economi cs	3
5	Wheat	Reduce yield and soil fertility	Assessment of Nitrogen Management in wheat Crop	INM	JAU, Junagadh	Biofertilizer - <i>Azatobacter</i> & PSB culture	11 each	400/-	3	1200/-	Yield, Economi cs	3

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	Season and year	Area (ha)	No. of farmers/ demon.	Parameters identified
1	Groundnut	GJG-22	Varietal evaluation	Improved variety	Seed	Kharif 2023	4	10	Low productivity of existing variety
2	Cotton	Bt. Variety	IPM	Pheromone trap + Beauveria bassiana	Beauveria, Phromone traps	Kharif- 2023	10	25	Heavy infestation of pink ball warm
3	Kitchen Gardening	Available at JAU, Junagadh	Varietal evaluation	Improved variety of 5 crops	Seed	Kharif- 2023	2.5	50	Balanced nutrition
4	Kitchen Gardening	Available at JAU, Junagadh	Varietal evaluation	Improved variety of 5 crops	Seed	<i>Rabi-</i> 2023-24	2.5	50	Balanced nutrition
5	Chickpea	-	Bio-agent	HNPV & Beauveria bassiana	Bio-agent HNPV & Beauveria	<i>Rabi-</i> 2023-24	4	10	Infestation of pod borer
6	Wheat	GW-451	Varietal evaluation	Improved variety	Seed	<i>Rabi-</i> 2023-24	4	10	Low productivity of existing variety
7	Onion	GJRO-11	Varietal Evaluation	Improved variety	Seed	<i>Rabi-</i> 2023-24	4	10	New & improved variety
8	Onion	Pillipati	IDM	IDM (for disc (root) rot)	Pochonia clemaidospo rium + Trichoderam a harzianum		4	10	Heavy infestation of nematodes
9	Mango	Kesar	IPM	Fruit fly trap	Fruit fly trap	Summer -2023	4	10	Heavy infestation of fruit fly
10	Green gram	GM-4	Varietal evaluation	Imp. Variety	Seed	Summer - 2023	4	10	Low productivity of existing variety
11	Animal Husbandry	-	Nutrition	Nutrition management	Supplement of by Pass Fat	-	-	20	Low Milk productivity
12	Animal Husbandry	-	Nutrition	Nutrition management	Chelated mineral mixture	-	-	20	Low Milk productivity
					Total	-	43.0	235	-

Sponsored Demonstrations (CFLDs on O & P/Others)

S. No.	Crop	Variety	Season and Year	Area (ha)	No. of farmers
1	Gram	GJG-6	Rabi-2023-24	20.0	50
2	Sesame	GJT-5	Summer-2023	20.0	50

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	10	-	300
2	Farmers Training	8	-	250
3	Media coverage	-	-	-
4	Training for extension	-	-	-
	functionaries			

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
-	-	-	-	-	-	-

b. Livestock and Fisheries Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Critical inputs	Performance parameters / indicators
Animal	Buffalo	20	-	Supplement of by	Fat % & milk yield
Husbandry				pass fat	
Animal	Buffalo	20	-	Chelated mineral	Fat % & milk yield
Husbandry				mixture	

c. Other Enterprises (Mushroom, Apiculture, Sericulture, Vermicompst, Value Addition, Women empowerment, etc)

Enterprise	Technology demonstrated	No. of farmers	No. of units	Critical inputs	Performance parameters / indicators
U	Improved variety	50	5	Seed	Yield
(Kharif)	of 5 crops				
Kitchen Gardening	Improved variety	50	5	Seed	Yield
(Rabi)	of 5 crops				

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

A. ON Campus

	No of			No. o	f Par	ticipa	nts	
Thematic Area	No. of Courses		Other	rs	ſ	SC/ST	Γ	Grand
	Courses	Μ	F	Т	Μ	F	T	Total
(A) Farmers & Farm Women								
I Crop Production								
Resource Conservation Technologies	1	15	0	15	5	0	5	20
Cropping Systems	1	15	0	15	5	0	5	20
II Horticulture								
a) Vegetable Crops								
Protective cultivation (Green Houses, Shade	1	20	0	20	0	0	0	20
Net etc.)	1	20	0	20	U	0	U	20
b) Fruits								
Value Addition	1	0	20	20	0	0	0	20
c) Ornamental Plants								
d) Plantation crops								
e) Tuber crops								
f) Spices								
Production and Management technology	1	20	0	20	0	0	0	20
g) Medicinal and Aromatic Plants								
III Soil Health and Fertility Management								
IV Livestock Production and Management								
Dairy Management	2	30	10	40	0	0	0	40
Disease Management	2	35	5	40	5	0	5	45
Feed management	1	20	0	20	0	0	0	20
Production of quality animal products	1	15	5	20	5	0	5	25

V Home Science/Women empowerment								
Household food security by kitchen gardening	1	_	15	15	0	5	F	20
and nutrition gardening	1	0	15	15	0	5	5	20
Value addition	1	0	20	20	0	0	0	20
Income generation activities for empowerment	4	_	20		_	~		•••
of rural Women	1	0	20	20	0	0	0	20
					L			
VI Agril. Engineering								
VII Plant Protection								
Integrated Pest Management	1	20	0	20	0	0	0	20
Integrated Disease Management	3	55	0	55	10	0	10	65
Integrated Disease Management	5		U			0		05
VIII Fisheries								
IX Production of Inputs at site								
X Capacity Building and Group Dynamics								
XI Agro-forestry								
XII Others (Pl. Specify)	10		~-	.		-		~
TOTAL	18	245	95	340	30	5	35	375
(B) RURAL YOUTH	-		0		ا <u>ہ</u> ا			•
Production of organic inputs	1	15	0	15	5	0	5	20
	4	1	~			~		
	1	15	0	15	0	0	0	15
Nursery Management of Horticulture crops TOTAL	1 2	15 30	0 0	15 30	0 5	0 0	0 5	15 35
TOTAL	_		-					
TOTAL (C) Extension Personnel	_		-					
TOTAL (C) Extension Personnel Productivity enhancement in field crops	2	30	0	30	5	0	5	35
Nursery Management of Horticulture crops TOTAL (C) Extension Personnel Productivity enhancement in field crops Kitchen Gardening TOTAL	2	30 20	0	30 20	5	0 0	5	35 25
TOTAL (C) Extension Personnel Productivity enhancement in field crops Kitchen Gardening	2 1 1	30 20 0	0 0 40	30 20 40	5 5 0	0 0 10	5 5 10	35 25 50
TOTAL (C) Extension Personnel Productivity enhancement in field crops Kitchen Gardening TOTAL	2 1 1	30 20 0	0 0 40	30 20 40	5 5 0	0 0 10	5 5 10	35 25 50
TOTAL (C) Extension Personnel Productivity enhancement in field crops Kitchen Gardening TOTAL (D) Sponsored Training Programme	2 1 1	30 20 0	0 0 40	30 20 40	5 5 0	0 0 10	5 5 10	35 25 50
TOTAL (C) Extension Personnel Productivity enhancement in field crops Kitchen Gardening TOTAL (D) Sponsored Training Programme Soil Health management (Crop Production)	2 1 1 2 2	30 20 0 20 20 20 20 20 20 2	0 0 40 40 5	30 20 40 60 45	5 5 0 5	0 0 10 10 2	5 10 15 10	35 25 50 75 55
TOTAL TOTAL (C) Extension Personnel Productivity enhancement in field crops Kitchen Gardening TOTAL (D) Sponsored Training Programme Soil Health management (Crop Production) Organic Farming (Horticulture)	2 1 1 2 2 2	30 20 0 20 40 40	0 40 40 40 5 10	30 20 40 60 45 50	5 0 5 8 5	0 0 10 10 2 5	5 10 15	35 25 50 75 55 60
TOTAL TOTAL (C) Extension Personnel Productivity enhancement in field crops Kitchen Gardening TOTAL (D) Sponsored Training Programme Soil Health management (Crop Production) Organic Farming (Horticulture) Integrated Pest Management (Pl. Protection)	2 1 1 2 2 2 2 2	30 20 0 20 40 40 40	0 40 40 40 5 10 10	30 20 40 60 45 50 50	5 0 5 8 5 10	0 0 10 10 2 5 5 5	5 10 15	35 25 50 75 55 60 65
TOTAL (C) Extension Personnel Productivity enhancement in field crops Kitchen Gardening TOTAL (D) Sponsored Training Programme Soil Health management (Crop Production) Organic Farming (Horticulture) Integrated Pest Management (Pl. Protection) Artificial Insemination (Ani. Husbandry)	2 1 1 2 2 2 2 2 2 2	30 20 0 20 0 40 40 50 50	0 40 40 40 5 10 10 20	30 20 40 60 45 50 50 70	5 0 5 5 8 5 10 10	0 10 10 2 5 5 0	5 10 15 10 15 10 10 10	35 25 50 75 55 60 65 80
TOTAL (C) Extension Personnel Productivity enhancement in field crops Kitchen Gardening TOTAL (D) Sponsored Training Programme Soil Health management (Crop Production) Organic Farming (Horticulture) Integrated Pest Management (Pl. Protection) Artificial Insemination (Ani. Husbandry)	2 1 1 2 2 2 2 2	30 20 0 20 40 40 40	0 40 40 40 5 10 10	30 20 40 60 45 50 50	5 0 5 8 5 10	0 0 10 10 2 5 5 5	5 10 15	35 25 50 75 55 60 65 80 65
TOTAL TOTAL (C) Extension Personnel Productivity enhancement in field crops Kitchen Gardening TOTAL (D) Sponsored Training Programme Soil Health management (Crop Production) Organic Farming (Horticulture) Integrated Pest Management (Pl. Protection) Artificial Insemination (Ani. Husbandry) Maintenance of farm machinery (Ag.Eng.) TOTAL	2 1 1 2 2 2 2 2 2 2 2 2 2	30 20 20 40 40 40 50 50	0 40 40 40 5 10 10 20 0	30 20 40 60 45 50 50 70 50	5 0 5 5 10 10 15	0 0 10 10 2 5 5 0 0	5 10 15 10 15 10 15 10 15	35 25 50 75 55 60 65 80 65
TOTAL TOTAL TOTAL TOTAL TOTAL (D) Sponsored Training Programme Soil Health management (Crop Production) Organic Farming (Horticulture) Integrated Pest Management (Pl. Protection) Artificial Insemination (Ani. Husbandry) Maintenance of farm machinery (Ag.Eng.) TOTAL	2 1 1 2 2 2 2 2 2 2 2 2 2	30 20 0 20 40 40 50 50 220	0 40 40 40 5 10 10 20 0 45	30 20 40 60 45 50 50 70 265	5 0 5 5 10 10 15	0 0 10 10 2 5 5 0 0	5 10 15 10 15 10 15 10 15	35 25 50 75 55 60 65 80 65
TOTAL TOTAL (C) Extension Personnel Productivity enhancement in field crops Kitchen Gardening TOTAL (D) Sponsored Training Programme Soil Health management (Crop Production) Organic Farming (Horticulture) Integrated Pest Management (Pl. Protection) Artificial Insemination (Ani. Husbandry) Maintenance of farm machinery (Ag.Eng.) TOTAL (E) Vocational training Resource Conservation Technologies	2 1 1 2 2 2 2 2 2 2 2 2 2	30 20 20 40 40 40 50 50	0 40 40 40 5 10 10 20 0	30 20 40 60 45 50 50 70 50	5 0 5 5 10 10 15	0 0 10 10 2 5 5 0 0	5 10 15 10 15 10 15 10 15	35 25 50 75 55 60 65 80 65
TOTAL TOTAL Content of the second s	2 1 1 2 2 2 2 2 2 10	30 20 0 20 40 40 50 50 220	0 40 40 40 5 10 10 20 0 45	30 20 40 60 45 50 50 70 265	5 0 5 5 10 10 15 48	0 10 10 2 5 5 0 0 12	5 10 15 10 15 10 15 60	35 25 50 75 55 60 65 80 65 325
TOTAL TOTAL (C) Extension Personnel Productivity enhancement in field crops Kitchen Gardening TOTAL (D) Sponsored Training Programme Soil Health management (Crop Production) Organic Farming (Horticulture) Integrated Pest Management (Pl. Protection) Artificial Insemination (Ani. Husbandry) Maintenance of farm machinery (Ag.Eng.) TOTAL (E) Vocational training Resource Conservation Technologies Nursery raising	2 1 1 2 2 2 2 2 2 10 1	30 20 0 20 40 40 50 50 220 15	0 40 40 40 40 5 10 10 20 0 45	30 20 40 60 45 50 50 70 50 265 15	5 0 5 5 10 10 15 48 0	0 10 10 2 5 5 0 0 12 0	5 10 15 10 15 10 15 60 0	35 25 50 75 55 60 65 80 65 325 15
TOTAL TOTAL (C) Extension Personnel Productivity enhancement in field crops Kitchen Gardening TOTAL (D) Sponsored Training Programme Soil Health management (Crop Production) Organic Farming (Horticulture) Integrated Pest Management (Pl. Protection) Artificial Insemination (Ani. Husbandry) Maintenance of farm machinery (Ag.Eng.)	2 1 1 2 2 2 2 2 2 10 1 1 1	30 20 0 20 40 40 40 50 50 220 15 15	0 40 40 40 40 40 40 40 40 40 40 40 40 40	30 20 40 60 45 50 70 50 265 15 15	5 0 5 5 10 10 15 48 0 0	0 10 10 10 2 5 5 0 0 12 0 0 0	5 10 15 10 15 10 15 60 0 0 0	35 25 50 75 55 60 65 80 65 325 15 15

B. OFF Campus

	No. of	No. of Participants							
Thematic Area	Courses		Others			SC/ST	Grand		
	Courses	Μ	F	Т	Μ	M F T		Total	
(A) Farmers & Farm Women									
I Crop Production									
Resource Conservation Technologies	1	30	0	30	5	0	5	35	
Crop Diversification	1	20	0	20	5	0	5	25	

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Seed production	2	60	0	60	10	0	10	70
II Horticulture								
k								
a) Vegetable Crops								
Protective cultivation (Green Houses, Shade	1	15	0	15	5	0	5	20
Net etc.) b) Fruits								
Layout and Management of Orchards	1	20	0	20	5	0	5	25
c) Ornamental Plants	1	20	U	20	5	U	5	23
d) Plantation crops								
Production and Management technology	1	20	5	25	5	0	5	30
e) Tuber crops	1	20	5		5	U	5	50
f) Spices								
Production and Management technology	2	40	0	40	10	0	10	50
g) Medicinal and Aromatic Plants	<u> </u>	40	U	40	10	U	10	50
g) we define and Aromatic Trants		<u> </u>			<u> </u>			
III Soil Health and Fertility Management								
Soil fertility management	2	50	0	50	15	0	15	65
	-		~		1.10	~	1	
IV Livestock Production and Management								
Dairy Management	2	10	25	35	5	10	15	50
Disease Management	3	55	10	65	15	5	20	85
Feed management	1	15	5	20	5	5	10	30
					.11			
V Home Science/Women empowerment								
VI Agril. Engineering								
Post Harvest Technology	1	15	5	20	0	0	0	20
Drudgery reducing technology	1	0	20	20	0	5	5	25
VII Plant Protection				÷	······································			
Integrated Pest Management	1	20	0	20	0	0	0	20
Integrated Disease Management	2	50	0	50	10	0	10	60
Production of bio control agents and bio	1	30	0	30	5	0	5	35
pesticides	1	50	U	50	5	U	5	55
VIII Fisheries								
IX Production of Inputs at site								
X Capacity Building and Group Dynamics								
XI Agro-forestry								
XII Others (Pl. Specify)								
TOTAL	23	450	70	520	100	25	125	645
(B) RURAL YOUTH								
Value addition	1	0	30	30	0	5	5	35
Value addition TOTAL	1	0	<u> </u>	<u> </u>	0	5	5	35
G. TOTAL	<u>1</u> 24			30 550	+	<u> </u>		
G. IUIAL	24	450	100	330	100	30	130	680

C. Consolidated table (ON and OFF Campus)					-		
	No. of	No. of Participants						
Thematic Area	Courses	(Othe	rs	5	SC/ST	Г	Grand
	Courses	Μ	F	Т	Μ	F	Т	Total
(A) Farmers & Farm Women								
I Crop Production	Ŧ		•		·•••••		.	
Resource Conservation Technologies	2	45	0	45	10	0	10	55
Cropping Systems	1	15	0	15	5	0	5	20
Crop Diversification	1	20	0	20	5	0	5	25
Seed production	2	60	0	60	10	0	10	70
II Horticulture	T							
a) Vegetable Crops								
Protective cultivation (Green Houses, Shade	2	35	0	35	5	0	5	40
Net etc.)			•					
b) Fruits	-	•		•	_			~~
Layout and Management of Orchards	1	20	0	20	5	0	5	25
Value addition	1	0	20	20	0	0	0	20
c) Ornamental Plants								
d) Plantation crops		_	_		_		_	
Production and Management technology	1	20	5	25	5	0	5	30
e) Tuber crops								
f) Spices								
Production and Management technology	3	60	0	60	10	0	10	70
g) Medicinal and Aromatic Plants								
III Soil Health and Fertility Management								
Soil fertility management	2	50	0	50	15	0	15	65
IV Livestock Production and Management			-	-				_
Dairy Management	4	40	35	75	5	10	15	90
Disease Management	5	90	15	105	20	5	25	130
Feed management	2	35	5	40	5	5	10	50
Production of quality animal products	1	15	5	20	5	0	5	25
			-					
V Home Science/Women empowerment								
Household food security by kitchen gardening	1	•	15	15	•	5	_	20
and nutrition gardening	1	0	15	15	0	5	5	20
Value addition	1	0	20	20	0	0	0	20
Income generation activities for empowerment								
of rural Women	1	0	20	20	0	0	0	20
	1		1	1	.11			L
VI Agril. Engineering								
Post Harvest Technology	1	15	5	20	0	0	0	20
Drudgery reducing technology	1	0	20	20	0	5	5	25
OOOO_	1		1		.ii	-		
VII Plant Protection								
Integrated Pest Management	2	40	0	40	0	0	0	40
Integrated Disease Management	5	105	0	105	20	0	20	125
Production of bio control agents and bio								
pesticides	1	30	0	30	5	0	5	35
A								•••••••••••••••••••••••••••••••••••••••
VIII Fisheries								
IX Production of Inputs at site								
X Capacity Building and Group Dynamics								

XI Agro-forestry								
TOTAL	41	695	165	860	130	30	160	1020
(B) RURAL YOUTH			-					
Production of organic inputs	1	15	0	15	5	0	5	20
Nursery Management of Horticulture crops	1	15	0	15	0	0	0	15
Value addition	1	0	30	30	0	5	5	35
TOTAL	3	30	30	60	5	5	10	70
(C) Extension Personnel								
Productivity enhancement in field crops	1	20	0	20	5	0	5	25
Kitchen Gardening	1	0	40	40	0	10	10	50
TOTAL	2	20	40	60	5	10	15	75
(D) Sponsored Training Programme			-					
Soil Health management (Crop Production)	2	40	5	45	8	2	10	55
Organic Farming (Horticulture)	2	40	10	50	5	5	10	60
Integrated Pest Management (Pl. Protection)	2	40	10	50	10	5	15	65
Artificial Insemination (Ani. Husbandry)	2	50	20	70	10	0	10	80
Maintenance of farm machinery (Ag.Eng.)	2	50	0	50	15	0	15	65
TOTAL	10	220	45	265	48	12	60	325
(E) Vocational training								
Resource Conservation Technologies	1	15	0	15	0	0	0	15
Nursery raising	1	15	0	15	0	0	0	15
Dairy Management	1	0	15	15	0	0	0	15
TOTAL	3	30	15	45	0	0	0	45
G. TOTAL	59	995	295	1290	188	57	245	1535

Details of training programmes attached in Annexure -I

3.5. Extension Activities (including activities of FLD programmes)

Nature of	No. of	<u> </u>	Farmers		· · ·	nsion Off	ficials	Total		
Extension Activity	activities	Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	5	100	25	125	15	10	25	115	35	150
Kisan Mela	1	200	100	300	25	25	50	225	125	350
Kisan Ghosthi	10	150	50	200	-	-	-	150	50	200
Exhibition	2	200	100	300	25	25	50	225	125	350
Film Show	5	100	25	125	-	-	-	100	25	125
Farmers Seminar	5	100	50	150	-	-	-	100	50	150
Workshop	1	30	20	50	-	-	-	30	20	50
Group meetings	4	75	25	100	-	-	-	75	25	100
Lectures delivered as resource persons	20	-	-	-	-	-	-	-	-	-
Newspaper coverage	5	-	-	-	-	-	-	-	-	-
Radio talks	-	-	-	-	-	-	-	-	-	-
TV talks	-	-	-	-	-	-	-	-	-	-
Popular articles	10	-	-	-	-	-	-	-	-	-
Extension Literature	5	-	-	-	-	-	-	-	-	-
	Advisory Services									
Scientific visit to farmers field	15	50	0	50	10	0	10	60	0	60
Farmers visit to KVK	1	500	300	800	100	100	200	600	400	1000

Diagnostic visits	10	30	0	30	10	0	10	40	0	40
Ex-trainees	2	40	10	50	10	10	20	50	20	70
Sammelan										
Soil health Camp	2	-	-	-	-	-	-	-	-	-
Animal Health	2	-	-	-	-	-	-	-	-	-
Camp										
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-
Soil test	2	-	-	-	-	-	-	-	-	-
campaigns										
Farm Science Club	-	-	-	-	-	-	-	-	-	-
Conveners meet										
Self Help Group	-	-	-	-	-	-	-	-	-	-
Conveners										
meetings										
Mahila Mandals	-	-	-	-	-	-	-	-	-	-
Conveners										
meetings										
Celebration of	10	-	-	-	-	-	-	-	-	-
important days										
(specify)										
Krishi Mohostva	1	-	-	-	-	-	-	-	-	-
Krishi Rath	1	-	-	-	-	-	-	-	-	-
Pre Kharif	1	-	-	-	-	-	-	-	-	-
workshop										
Pre Rabi workshop	-	-	-	-	-	-	-	-	-	-
PPVFRA	-	-	-	-	-	-	-	-	-	-
workshop										
Any Other	-	-	-	-	-	-	-	-	-	-
(Specify)							-			
Total	120	1575	705	2280	195	170	365	1770	875	2645

3.6. Target for Production and supply of Technological products Seed Materials

Sl. No.	Сгор	Variety	Quantity (q)
Cereals		1	
	Wheat	GW-451 Truthful	30
Oilseeds			
	Groundnut	GG-20 Breeder	80
	Groundnut	GJG-17 Breeder	25
	Groundnut	GJG-22 Breeder	15
Pulses			
	-	-	-
Vegetables	-	-	-
Others (specify)	-	-	-

Planting Materials

Sl. No.	Crop	Variety	Quantity (Nos.)
Fruits	-	-	-
Vegetables			
	Brinjal	GJLB-4 ; GJB-2	5000
	Tomato	GT-1; JT - 3	5000
Spices			
Forest species			
Flowers and ornamental			
Fodder slips			
		Total	10000

Bio-products									
SL No	Product	Species	Qua	ntity					
Sl. No.	Name	Species	Kg	Lit					
Bio pesticides									
-	-	-	-	-					

Livestock

Sl. No.	Туре	Breed	Quantity (No.)
Cattle	-	-	-
Goat	-	-	-
Sheep	-	-	-
Poultry	-	-	-
Pigs	-	-	-
Fisheries	-	-	-
Any other (pl. Specify)	-	-	-

4. Literature to be Developed/Published

A. Literature developed/published

S.No.	Торіс	Number
1	Research papers	2
2	Technical reports	6
3	News letters	4
4	Training manuals	-
5	Popular articles	10
6	Extension literature	5
7	E-publication	-
8	Any other (Please specify)	-
	Total	32

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	-	-	-

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

S. No.	Type of social media platform	Title / Purpose	Number
1	YouTube Channel	-	-
2	Facebook page	-	-
3	Mobile Apps	-	-
4	Whats App groups	KVK – Khapat (Porbandar)	2
5	Twitter Account	-	-
6	Any other (Pl. Specify)	-	-

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

S. No.	Title of success story / case study identified	Proposed month for case/story to be prepared/ developed	
1 Natural Farming		June	
2	Income generation activities	December	

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

- A. Practicing Farmers
- **B.** Rural Youth
- C. In-service personnel

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
- v) Others if any

For FLD:

- i) New variety/technology
- ii) Poor yield at farmer's level
- iii) Existing cropping system
- iv) Others if any

5.3. Field activities

i. Name of villages identified/adopted with block name (from which year)

Name of the village	Name of the block	Taluka	Year
Bokhira	Cluster I	Porbandar	2022
Pandavadar			
Mander			
Chikasa			
Mocha			
Digvijaygadh	Cluster II	Ranavav	2022
Adityana			
Bordi			
Bhoddar			
Khambhala			
Tarkhai	Cluster III	Kutiyana	2022
Revadra		-	
Kavalka			
Mohabatpara			
Devda			

ii. No. of farm families selected per village:

iii. No. of survey/PRA conducted: 15

- iv. No. of technologies taken to the adopted villages 2
- v. Name of the technologies found suitable by the farmers of the adopted villages:
- vi. Impact (production, income, employment, area/technological-horizontal/vertical)
- vii. Constraints if any in the continued application of these improved technologies

6. LINKAGES

6.1. Functional linkage with different organizations

S. No	Name of organization	Nature of Linkage
1	ATMA	Propagation of modern agricultural technology as a resource person and through various extension activities.
2	District Agricultural Officer	Propagation of modern agricultural technology as a resource person and through various extension activities.
3	Jilla Panchyat	Propagation of modern agricultural technology as a resource person and through various extension activities.
4	State Fisheries Department	Propagation of modern agricultural technology as a resource person and through various extension activities.
5	DRDA	Propagation of modern agricultural technology as a resource person and through various extension activities.
6	DWDU	Propagation of modern agricultural technology as a resource person and through various extension activities.

6.2. Details of linkage with ATMA					
S. No.	Programme	Nature of linkage			
1	Training	KVK Scientist as a resource person			
2	Farmer Field school	KVK Scientist as a resource person			
3	Kishan Gosthi	KVK Scientist as a resource person			
4	Farmer Scientist Interaction	KVK Scientist as a resource person			

6.3. Give details of programmes under National Horticultural Mission

S. No. Programme		Nature of linkage	
-	_	-	

6.4. Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage	
-	-	-	

6.5. Additional Activities planned including sponsored projects

(NARI/DAESI/DAMU/DFI/PKVY, Skill Trainings, 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
-	-	-	-	-	-

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

S. No.	Name of the village	ne village Activities planned	No. of families to be
D. 140.	Traine of the vinage		covered
-	_	_	_

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

S. No.	Name of the village	Activities planned	No. of families to be covered
1	Kunvadar	Trainings	10
2	Ramgadh	FLDs	10
3	Degam		10

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

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

6.6. Activities planned in respect of FPOs / FPCs

- 1. No. of FPOs / FPCs to be formed: 1
- 2. No. of existing FPOs / FPCs to be facilitated: 1
- 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
	Vachhraj Agro			
1	Farmer Producer	30	Production of agri seeds	Technical backstopping
	Company Limited			

7. Convergence with other agencies and line departments in the district

S. No.	Name of the department / Agency	Type of convergence	Area (ha) / No. of farmers to be benefited
1	-	-	-

8. Inno	ovator Farmer's Meet 2023		
Sl.No.	Particulars	Details	Expected No. of participants
1	Farm innovators meet planned	September	50

9. Utilization of hostel facilities

S. No.	Month	No. of days to be utilized
-	-	- ·
	Total	

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	2	Video conferencing	50
2	Farmers scientist's interaction programme	1	Video conferencing	50
3	Farmers seminars	-	-	-
4	Expert lectures	-	-	-
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

:) Far	mana 8- Ea	Training Pro	gramme					AI	mex	ure - I
I) Far Date		rm women (On Campus) Title of the training programme	Duration		ımbe rticip		1	mber SC/ST		G.
			in days	M	F	Т	Μ	F	T	Total
Crop	Production	1								
Q-1	RY	Production of inputs for natural farming	1	15	0	15	5	0	5	20
Q-3	PF	Natural farming techniques	1	15	0	15	5	0	5	20
Q-4	PF	Production technology of millets	1	15	0	15	5	0	5	20
Horti	culture									
Q-1	FW	Value addition in flowers & fruits (rose, marigold, mango, sapota)	1	0	20	20	0	0	0	20
Q-2	RY	Nursery raising techniques for vegetables	1	15	0	15	0	0	0	15
Q-3	PF	Protected cultivation (Green house, net house, tunnels)	1	20	0	20	0	0	0	20
Q-4	PF	Recent advances in production technologies of spices and vegetables	1	20	0	20	0	0	0	20
Lives	tock prod.	A				******				
Q-1	PF/FW	Hygienic milk production and management of mastitis	1	15	5	20	5	0	5	25
Q-1	PF/FW	Housing management in milch animals	1	15	5	20	0	0	0	20
Q-2	PF/FW	ITK practices in disease management of farm animals	1	15	5	20	5	0	5	25
Q-3	PF	Silage management techniques	1	20	0	20	0	0	0	20
Q-4	PF/FW	Management of farm animals	1	15	5	20	0	0	0	20
Q-4	PF	Health management in heard	1	20	0	20	0	0	0	20
Agril	. Engg.									
	PF	-	-	-	-	-	-	-	-	-
Home	e Sc.	•								
Q-1	FW	Layout of nutrition garden and importance of kitchen gardening	1	0	15	15	0	5	5	20
Q-2	FW	Value addition in fruits (Jam/Sarbat/ Squash making from seasonal fruits)	1	0	20	20	0	0	0	20
Q-3	FW	E market and social media awareness for women	1	0	20	20	0	0	0	20
Plan]	Protection	4			i	i		i		L
Q-1	PF	Integrated pest and disease management in vegetable crops	1	20	0	20	5	0	5	25
Q-2	PF	Management of white grub in groundnut	1	20	0	20	0	0	0	20
Q-3	PF	Integrated pest and disease management in <i>Kharif</i> crops	1	20	0	20	0	0	0	20
Q-4	PF	Integrated pest and disease management in <i>Rabi</i> crops	1	15	0	15	5	0	5	20
Fishe	ries	÷	1	L	i	i	.4	4		L
	PF	-	-	-	-	-	-	-	-	-
Soil F	Iealth	.i	L	LL		L		L		
	PF	-	-	_	-	-	-	-	-	-

ii) Fa	rmers & Fa	arm women (Off Campus)								
			Duration		No. a	of	Nu	mber	of	G.
Date	Clientele	Title of the training programme	in days	pai	rticip	ants		SC/ST	· •	G. Total
			in uays	Μ	F	Т	Μ	F	Τ	10141
·····	Production				T		I	_	T	
Q-1	PF	Natural farming techniques	1	30	0	30	5	0	5	35
Q-2	PF	Advances in production	1	20	•	20	~	0	_	25
		technology of major <i>Kharif</i> crops and INM	1	30	0	30	5	0	5	35
Q-3	PF	Scope of crop diversification in	1	20	0	20	5	0	5	25
		district	1	20	U	20	3	U	3	23
Q-4	PF	Advances in production	1	30	0	30	5	0	5	35
		technologies of Rabi crops		50		50				
	culture	I	1	T	T	ſ	T	r	· •	
Q-1	PF	Cultivation of spices, onion and garlic	1	20	0	20	5	0	5	25
Q-2	PF	Layout and management of mango	4		~	2 0	_	~	_	25
`		orchards and IPDM in mango	1	20	0	20	5	0	5	25
Q-3	PF/FW	Production technology of								
		plantation crops (Date Palm,	1	20	5	25	5	0	5	30
		Coconut)								
Q-4	PF	Production & management								
		technology of spices (cumin,	1	20	0	20	5	0	5	25
		coriander)								
Q-4	PF	Cultivation of leafy vegetable in	1	15	0	15	5	0	5	20
		protected cultivation								
	Stock Prod		1	T	T	ſ	r	r	-	
Q-1	PF	Deworming programme, control of			_			_	_	
		parasites and artificial	1	20	0	20	5	0	5	25
~ -		insemination in farm animals								
Q-2	PF/FW	Disease, nutrition management &	1	20	5	25	5	5	10	35
~ ~		ITK practices in livestock		-	-	_	_	_	_	
Q-2	PF/FW	Importance of vaccination in	1	15	5	20	5	0	5	25
0.2		animals								
Q-3	FW	Care of pregnant animals and care after calving	1	0	20	20	0	10	10	30
Q-3	PF/FW	Artificial insemination:								
Q-2	1 1 / 1 / 1	Importance and proper timing	1	10	5	15	5	0	5	20
Q-4	PF/FW	Fodder management in dairy								
ب -ک	11/1 **	animals	1	15	5	20	5	5	10	30
Agril	Engg.		<u>.</u>	L	L		<u>.</u>	L		
Q-1	PF	Post harvest technology of major					_	_	_	
x -		field crops	1	15	5	20	0	0	0	20
Q-2	PF	Drudgery reducing technologies		~	•	• •	~	_	_	~~
、 -		for farm women in agriculture	1	0	20	20	0	5	5	25
Home	Sc.		4		1	L			.1	
Q-4	RY	Grading and packaging of fruits,	4		20	20	_	_	_	25
`		vegetables	1	0	30	30	0	5	5	35
Plant	Protection		•	•	•	•	å	å	•••••••••••••••••••••••••••••••••••••••	
Q-1	PF	Biological control of pest &	1	30	0	30	5	0	5	35
		diseases in major crops	1	30	U	50	З	U	3	33
Q-2	PF	IPDM in major <i>Kharif</i> crops	1	30	0	30	5	0	5	35
Q-3	PF	Management of white grub in								
		groundnut & pink bollworm in	1	20	0	20	0	0	0	20
		cotton								
Q-4	PF	IPDM in major <i>Rabi</i> crops	1	20	0	20	5	0	5	25
			L	20	v	20	5	v	5	25

Fishe	eries									
	PF	-	-	-	-	-	-	-	-	-
Soil l	nealth				•					
Q-2	PF	Soil fertility management & soil sampling technology	1	30	0	30	10	0	10	40
Q-3	PF	Soil fertility management & soil sampling technology	1	20	0	20	5	0	5	25

iii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Month	Durat ion	No. of Participants				C/S cicip	G. Total	
Enterprise	Thrust Area			(days)	Μ	F	Т	Μ	F	Т	
-	PIS	Production of inputs for organic and natural farming	-	7	15	-	15	-	-	-	15
Vegetables	HOV	Plug Nursery raising technique for business	-	7	15	-	15	-	-	-	15
Animal husbandry	Income Generation	Skill development training for livestock management	-	7	-	15	15	-	-	-	15

iv) Training programme for extension functionaries

Date	Clientele	Title of the training	Duration in days			f Numb ants of SC/S				G. Tot
		programme	in uays	Μ	F	Т	Μ	F	Т	al
On Camp	ous									
-	Ext. Functionaries	Integrated crop management- major crops	2	20	0	20	5	0	5	25
-	<i>Anganwadi</i> worker	Importance of kitchen gardening (Anganwadi worker)	1	0	40	40	0	10	10	50

v) Sponsored programmes

Discipline	Sponsoring	Clientele	Title of the training	No. of		No. of ticipa			Nui S		G. Tota	
-	agency		programme	course	M	F	Т		Μ	F	Т	1
a) Sponso	red training	programn	ne									
Crop Production	ATMA	PF/FW	Soil health management	2	40	5	45		8	2	10	55
Horticulture	ATMA	PF/FW	Production of organic spices	2	40	10	50		5	5	10	60
Plant Protection	ATMA	PF/FW	Integrated management of pink ball worm in cotton	2	40	10	50		10	5	15	65
Ag. Engineering	ATMA	PF/FW	Maintenance of farm machinery	2	50	20	70		10	0	10	80
Animal Husbandry	ATMA	PF/FW	Artificial insemination: Importance and necessity	2	50	0	50		15	0	15	65
			Total	10	217	58	275	5	30	20	50	325
b) Sponso	red research	ı programı	me	-								
			Total	-		-	-	-	-	-	-	-
c) Any sp	ecial progra	mmes		r		-	r			T	T	-
			Total	-		-	-	-	-	-	-	-

Annexure - II

S. No.	Particulars	Proposed BE 2023-24 (Rs. in lakh)
1	Other than NEH & TSP	
1.1	Pay & Allowances	60.00
1.2	Traveling allowances	1.00
1.3	Contingencies	
Α	Research and operational expenses	4.00
В	Administrative expenses	6.00
	TOTAL Recurring Contingencies	71.00
2	Non-Recurring Contingencies	-
	TOTAL Non-Recurring Contingencies	0.00
	GRAND TOTAL	71.00

Details of Budget Estimate (2023-24) based on proposed action plan