

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

(1st January 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	Telepho	ne	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 03002	-		
Dist. Porbandar, Gujarat				

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

Address with PIN code	Teleph Office	ione FAX	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 / Contact				
Dr. H.D. Wadan	Office	Mobile	Email		
Dr. H.R. Vadar	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

A. D	Stage							
S.	Name of	Source of	Complete			Incomplete		
No.			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		27,500	\mathcal{E}
Rotavator tractor operated	2008-09	96,000	Running
Planter tractor operated	2008-09	44,000	Running
Tractor drawn harrow cum	2008-09		Running
cultivator cum intercultivator		37,500	C
frame 86"			
Samsung double door refrigerator	2008-09	17,650	Running
Electrolux grill microwave / oven	2008-09	9,580	Running
Panasonic LCD projector	2008-09	1,03,912	Running
Multi purpose groundnut cum	2008-09		Running
wheat thresher		1,14,000	
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	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)	2016-17	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	Dowloon down Domostory Victiviano
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

	. Agro-Chinatic Zonc						
Sl. No.	Agro-climatic Zone	Characteristics					
1	South Saurashtra	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

D. 10	. 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 (Ghed)	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. Area, Production and Productivity of major crops cultivated in the district (2022)

S. No	Crop	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	2,600 2.27				
	Major Horticultural c	rops					
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

2.5. Weather data (2022)

Month	Painfall (mm) Tem		rature ⁰ C	Relative H	Relative Humidity (%)	
Month	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	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)	-	-	-					

^{*} Coconut production is in '000 nuts & productivity in nuts

[#]Total cotton productivity

2.7. Details of Operational area / Villages

2.7. Details of Operational area / Villages						
Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas	
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

		·J ·		
0	FT]	FLD	
(1)		(2)		
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers	
5	15	43.0	235	

Training		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

3.1. B	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	FLDs Training Ext. Activities		
	Coriander	 Powdery mildew in coriander 		Mander 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		
	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

	D. D	ctuins of Off.	L al III I I I al S/	recimology	ASSESSIIIC	ni proposeu c	•u1 1116	, 2022				
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 Gir 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 - Azatobacter & PSB culture	11 each	400/-	3	1200/-	Yield, Economi cs	3

3.3. Frontline Demonstrations

A. Details of FLDs to be organized (Oilseeds, 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 (na)	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
Kitchen Gardening (Kharif)	Improved variety of 5 crops	50	5	Seed	Yield
Kitchen Gardening (<i>Rabi</i>)	Improved variety of 5 crops	50	5	Seed	Yield

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

A. ON Campus

	No of			No. o	f Par	ticipa	ants	
Thematic Area	No. of Courses		Other	rs	\$	SC/ST	Γ	Grand
	Courses	M	F	Т	M	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	U	20	U	U	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

		A	nnuai .	Action	Pian-	2023,	1/. N.Y-i	Porbanda
V Home Science/Women empowerment								
Household food security by kitchen gardening	1	0	1.5	1.5		_	_	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	1	0	20	20	Λ	Λ	0	20
of rural Women	1	U	20	20	0	0	U	20
VI Agril. Engineering								
VII Plant Protection					T		T T	
Integrated Pest Management	1	20	0	20	0	0	0	20
Integrated Disease Management	3	55	0	55	10	0	10	65
VIII Fisheries								
IX Production of Inputs at site								
*								
X Capacity Building and Group Dynamics								
XI Agro-forestry								
XII Others (Pl. Specify)	10	0.45	0.5	240	20	_	35	255
TOTAL	18	245	95	340	30	5	35	375
(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
TOTAL	2	30	0	30	5	0	5	35
				i C	i	iV	.i	
(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								
(E) Vocational training	1	15		15	0	Λ	Λ	15
Resource Conservation Technologies Nursery raising	1	15	0	15	0	0	0	15
Dairy Management	1 1	0	15	15	0	0	0	15
TOTAL	3	30	15	45	0	0	0	45
G. TOTAL	35	545	195	740	88	27	115	
G. IUIAL	33	343	173	/4V	00	41	112	855

B. OFF Campus

	NI 6		No. of Participants							
Thematic Area	No. of Courses	Others			SC/ST			Grand		
	Courses	M	F	Т	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		

Seed production	2	60	0	60	10	0	10	70
II Horticulture		T T			T		T	
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								
d) Plantation crops								
Production and Management technology	1	20	5	25	5	0	5	30
e) Tuber crops								
f) Spices								
Production and Management technology	2	40	0	40	10	0	10	50
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	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
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	20	^	20	_		_	25
pesticides	1	30	0	30	5	0	5	35
<u>*</u>								
VIII Fisheries								
IX Production of Inputs at site								
T T T T T T T T T T T T T T T T T T T								
X Capacity Building and Group Dynamics								
XI Agro-forestry								
XII Others (Pl. Specify)								
TOTAL	23	450	70	520	100	25	125	645
		100	. 0		1200			
(B) RURAL YOUTH								
Value addition	1	0	30	30	0	5	5	35
TOTAL	1	0	30 30	30	0	<u> </u>	5 5	35
G. TOTAL	24	······	30 100	550	100	30	130	680
G. IUIAL	4 +	430	100	220	TAA	JU	130	UOU

C. Consolidated table (ON and OFF Campus))		No. of Participants						
Thematic Area	No. of		Othe			SC/ST		Grand	
Thematic Area	Courses	M	F	T	M	F	T	Total	
(A) Farmers & Farm Women		1 112			1 -1-		<u> </u>	1000	
I Crop Production									
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			·	,	••••••		•	Ţ	
a) Vegetable Crops									
Protective cultivation (Green Houses, Shade	2	35	0	35	5	0	5	40	
Net etc.)	<u> </u>	33	U	33	J	U	J	40	
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									
B/ 1/12042011111 4114 1114 1114 1114 1114 111			.i		.ii		<u>i</u>	<u>I</u>	
III Soil Health and Fertility Management									
Soil fertility management	2	50	0	50	15	0	15	65	
Son fertifity management		1 30	1 0	30	13	<u> </u>	13	103	
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	
Froduction of quanty animal products	1	13	J	20	ן ט	U	J		
V Home Science/Women empowerment									
Household food security by kitchen gardening								<u> </u>	
and nutrition gardening	1	0	15	15	0	5	5	20	
Value addition	1	0	20	20	0	0	0	20	
	1	U	∠U	∠∪	U	U	U	∠∪	
Income generation activities for empowerment of rural Women	1	0	20	20	0	0	0	20	
orrana women		. <u>i</u>	<u> </u>		<u>. [</u>		<u> </u>	<u> </u>	
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	
Draugery reducing technology	1	U		۷0	U	<u>J</u>	J		
VII Plant Protection									
Integrated Pest Management	2	40	0	40	0	0	0	40	
Integrated Test Management Integrated Disease Management	5	105	0	105	20	0	20	125	
Production of bio control agents and bio	J		U						
pesticides	1	30	0	30	5	0	5	35	
			4					<u>i</u>	
VIII Fisheries									
IX Production of Inputs at site									
12x 1 1 oduction 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			T				T	
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		1 1 -	I 0	1 -			T T	
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		Farmers		Exte	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	20	-	-	-	-	-	-	-	-	-
as resource										
persons										
Newspaper	5	-	-	-	-	-	-	-	-	-
coverage										
Radio talks	-	-	-	-	-	-	-	-	-	-
TV talks	-	-	-	-	_	-	-	-	-	-
Popular articles	10	-	-	-	-	-	-	-	-	-
Extension	5	-	-	-	-	-	-	-	-	-
Literature										
Advisory Services		•	***************************************			•	•			
Scientific visit to	15	50	0	50	10	0	10	60	0	60
farmers field										
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

Beed Materials			
Sl. No.	Crop	Variety	Quantity (q)
Cereals			
	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

	٠						-		4	
к	1	n	١_'	n	r	n		11	cts	
L		u	-	u	•	ι,	u	ш		•

SI No	Product Species	Species	Quai	ntity
Sl. No.	Name		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.	Topic	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		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	Activities planned	No. of families to be 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. Innovator 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

		Training Pro	gramme					Al	шех	ure - I
i) Far	mers & Fa	rm women (On Campus)					T			Ţ
-	Q14 . 1		Duration		ımbe		:	mber		G.
Date	Clientele	Title of the training programme	in days	······ ·· ·······	rticip	·····		SC/ST		Total
C	Duo du oti o			M	F	Т	M	F	Т	
·····	Production RY	· · · · · · · · · · · · · · · · · · ·				<u> </u>			<u> </u>	T
Q-1	KI	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-3 Q-4	PF	Production technology of millets	1	15	0	15	5	0	5	20
	culture	Troduction technology of filmets	1	13	U	13				
Q-1	FW	Value addition in flowers & fruits								
Q-1	1 **	(rose, marigold, mango, sapota)	1	0	20	20	0	0	0	20
Q-2	RY	Nursery raising techniques for								
Q 2	10.1	vegetables	1	15	0	15	0	0	0	15
Q-3	PF	Protected cultivation (Green house,	_		_		_	_	_	
Y.		net house, tunnels)	1	20	0	20	0	0	0	20
Q-4	PF	Recent advances in production								
		technologies of spices and	1	20	0	20	0	0	0	20
		vegetables								
Lives	tock prod.		·k		i	ė		å		4
Q-1	PF/FW	Hygienic milk production and	1	15	_	20	_		_	25
		management of mastitis	1	15	5	20	5	0	5	25
Q-1	PF/FW	Housing management in milch	1	15	5	20	0	0	0	20
		animals	1	15	3	20	0	U	0	20
Q-2	PF/FW	ITK practices in disease	1	15	5	20	5	0	5	25
		management of farm animals	1	13	3	20	3	U	3	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	1	0	15	15	0	5	5	20
		importance of kitchen gardening	1	U	13	13	U	ر	3	20
Q-2	FW	Value addition in fruits								
		(Jam/Sarbat/ Squash making from	1	0	20	20	0	0	0	20
		seasonal fruits)								
Q-3	FW	E market and social media	1	0	20	20	0	0	0	20
		awareness for women	1		20	20	U			
	Protection	Ţ			T	T	T	Ţ		T
Q-1	PF	Integrated pest and disease	1	20	0	20	5	0	5	25
		management in vegetable crops	-							
Q-2	PF	Management of white grub in	1	20	0	20	0	0	0	20
		groundnut								
Q-3	PF	Integrated pest and disease	1	20	0	20	0	0	0	20
O 1	DE	management in <i>Kharif</i> crops								
Q-4	PF	Integrated pest and disease	1	15	0	15	5	0	5	20
Tr.:1	<u> </u>	management in Rabi crops							<u> </u>	<u> </u>
Fishe						<u> </u>			<u> </u>	T
C-11 F	PF Localists		_	-	-		_	_		_
2011 F	Iealth			T		<u> </u>			<u> </u>	T.
	PF	_	-	-	-		-	_		-

Date	Clientele	Title of the training programme	Duration		No. of participants			mber SC/ST		G.
		91	in days	M	F	Т	M	F	Т	Tota
Crop	Production	1				•		,		p
Q-1	PF	Natural farming techniques	1	30	0	30	5	0	5	35
Q-2	PF	Advances in production								
		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 district	1	20	0	20	5	0	5	25
Q-4	PF	Advances in production technologies of <i>Rabi</i> crops	1	30	0	30	5	0	5	35
Horti	culture	•			4	1	<u> </u>		-1	
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 orchards and IPDM in mango	1	20	0	20	5	0	5	25
Q-3	PF/FW	Production technology of plantation crops (Date Palm, Coconut)	1	20	5	25	5	0	5	30
Q-4	PF	Production & management technology of spices (cumin, coriander)	1	20	0	20	5	0	5	25
Q-4	PF	Cultivation of leafy vegetable in protected cultivation	1	15	0	15	5	0	5	20
Live S	Stock Prod	uction.		i	A	<u> </u>	Å		·k	i
Q-1	PF	Deworming programme, control of parasites and artificial insemination in farm animals	1	20	0	20	5	0	5	25
Q-2	PF/FW	Disease, nutrition management & ITK practices in livestock	1	20	5	25	5	5	10	35
Q-2	PF/FW	Importance of vaccination in animals	1	15	5	20	5	0	5	25
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: Importance and proper timing	1	10	5	15	5	0	5	20
Q-4	PF/FW	Fodder management in dairy animals	1	15	5	20	5	5	10	30
Agril.	Engg.			•••••		•		,		
Q-1	PF	Post harvest technology of major field crops	1	15	5	20	0	0	0	20
Q-2	PF	Drudgery reducing technologies	1	0	20	20	0	5	5	25

for farm women in agriculture

Grading and packaging of fruits,

Biological control of pest &

IPDM in major *Kharif* crops

IPDM in major Rabi crops

Management of white grub in groundnut & pink bollworm in

diseases in major crops

vegetables

cotton

Home Sc. Q-4

Q-1

Q-2 Q-3

Q-4

RY

Plant Protection

PF

PF

PF

PF

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Fishe	eries									
PF -		-	-	-	-	-	-	-	-	
Soil l	health		•							
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 /	Identified Thrust Area	Training title*	Month	Durat ion	No. of Participants			SC/ST participants			G. Total
Enterprise	Tillust Area			(days)	M	F	T	M	F	T	
-	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	parı	Number of SC/ST					
		programme	iii uays	M	F	Т	M	F	T	al
On Camp										
-	Ext. Functionaries	Integrated crop management- major crops	2	20	0	20	5	0	5	25
-	Anganwadi worker	Importance of kitchen gardening (<i>Anganwadi</i> worker)	1	0	40	40	0	10	10	50

v) Sponsored programmes

Discipline	Sponsoring agency		Title of the training programme	No. of course	No. of participants			- 1	Number of SC/ST			G. Tota
_					M	F	T		M	F	T	1
a) Sponso	red training	programn	ne									
Crop Production	ATMA	PF/FW	Soil health management	2	40	5	45	5	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	27:	5 .	30	20	50	325
b) Sponso	red research	ı programı	me									
			Total	-		-	-	-	-	-	-	-
c) Any sp	ecial progra	mmes					·	,	,	·	·	
			Total	-		-	-	-	-	-	-	-

Annexure - II

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

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		