ICAR-ATARI, Pune

DETAILS OF ACTION PLAN OF KVKs DURING 2022-23

(1st April 2022 to 31st March 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 & No. of visitors (hits)
Krishi Vigyan Kendra, Navsari Agricultural University Dediapada-393040, Dist: Narmada, Gujarat	Office	FAX	kvkdediapada@nau.in kvk_narmada@yahoo.in	http://narmada.kvk6.in/ Visitors- 504156
	02649 234501	-		

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

Address	Telephone		E mail	Website address
	Office	FAX		
Navsari Agricultural University, Eru Char Rasta, Dandi Road, Navsari – 396 450, Gujarat, INDIA.	(02637) 282771-75, 282823	(02637) 283794	registrar@nau.in vc@nau.in dee@nau.in	www.nau.in

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

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. Pramodkumar Verma	02649-234501	7575011107	drverma@nau.in

1.4. Year of sanction & type of host organization: 2006 (SAU)

1.5. Staff Position (as on December 31, 2021)

Sl.	Sanctioned post	Name of the incumbent	Mobile No.	Discipline	If Permanent, please indicate			If Temporary, pl. indicate
					Current	Current	Date of	

No.					Pay Band	Grade Pay	joining	the consolidated amount paid (Rs. /month)
1.	Senior Scientist and Head	Dr. Pramod kumar Verma	7575011107	Ext. Edu.	131400-217100	-	15-08-19	178732/-
2.	Scientist	Vacant	-	Ext. Edu.	57700-182400	-	-	-
3.	Scientist	Vacant	-	Agronomy	57700-182400	-	-	-
4.	Scientist	Dr. H. R. Jadav	8140000465	Entomology	68900-205500	-	30-01-12	96674/-
5.	Scientist	Dr. D. B. Bhinsara	9574976698	Animal Science	57700-182400	-	20-09-19	88835/-
6.	Scientist	Dr. M. V. Tiwari	9408985550	Home Science	57700-182400	-	21-08-15	88364/-
7.	Scientist	Dr. J. H. Gohil	9427543481	Horticulture	57700-182400	-	01/12/2020	90945/-
8.	Programme Assistant	Mr. V. R. Jinjala	9726892689	Agronomy	39900-126600	-	13-08-15	52908/-
9.	Computer Programmer	Mr. M. H. Bhatt	7227801350	Computer Programmer	39900-126600	-	17-08-15	54475/-
10.	Farm Manager	Mr. M. L. Visat	9428352010	Plant Breeding	38,090 Fix	-	11-03-19	38090/-
11.	Accountant/Superintendent	Mr. R. K. Tadavi	9825743927	Head Clark	35400 - 112400	-	01-07-17	70951/-
12.	Stenographer	Vacant	-	-	-	-	-	
13.	Driver 1	Mr. S. M. Saiyed	9624810186	Driver cum Mechanic	19900 - 63200	-	23-08-12	34664/-
14.	Driver 2	Vacant	-	-	-	-	-	-

15.	Supporting staff 1	Vacant	-	-	-	-	-	-
16.	Supporting staff 2	Vacant		-	-	-	-	-

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	05.24
2.	Under Demonstration Units	01.00
3.	Under Crops	10.46
4.	Orchard/Agro-forestry	01.60
5.	Others (bunds, farm roads)	02.00
6.	Farm Pond	00.60
Total		21.60

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	2010	1200	90.00	July-2010	1200	Completed
2.	Farmers Hostel	ICAR	2010	1500	30.43	April-2012	1500	Completed
3.	Staff Quarters (6)	ICAR	2010	370	39.69	Jan-2010	370	Completed
4.	Demonstration Units (6)	ICAR	2017	260	3.86	April-2018	260	Completed
5	Fencing	State	2007	1100	26.00	April-2008	1100	Completed

6	Rain Water harvesting system	ICAR	2012	10	1.00	April-2013	10	Completed
7	Threshing floor	State	2014	200	2.00	April-2014	200	Completed
8	Farm godown	ICAR	2010	110	20.00	April-2011	110	Completed
9	ICT lab	-	-	-	-	-	-	-
10	STL (Soil testing Laboratory)	ICAR	2017	110	16.50	April-2018	110	Completed
11	Implement shed	State	2018	100	4.50	April-2018	100	Completed

B. Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bike	2012	49,000/-	33,941	Good
Bolero	2019	8,00,00/-	15962	Good

C. Equipments & AV aids

Name of the equipment / Implements	Year of purchase	Cost (Rs.)	Present status
Trailer	26.03.2007	80,000/-	Working
Cultivator	26.03.2007	15,000/-	Working
Plough	22.10.2008	4,300/-	Working
Electronic balance	20.08.2009	8,000/-	Working
Scale balance	09.03.2009	6,000/-	Working
Rotavator	02.03.2009	63,000/-	Working
Disc harrow	09.03.2009	57,120/-	Working
Submersible pump	13.03.2009	41,105/-	Working
Plough	18.03.2009	19,000/-	Working
Leveler	18.03.2009	13,500/-	Working
Pump sprayer	21.03.2009	20,700/-	Working
Thresher	21.03.2009	1,05,000/-	Working
Bund former	26.03.2009	12,348/-	Working

Seed drill	26.03.2009	11,500/-	Working
V ditcher	28.03.2009	20,400/-	Working
Ridge	28.03.2009	15,000/-	Working
Computer with accessories	28.03.2009	36,735/-	Working
Submersible pump	30.03.2009	41,075/-	Working
Honda Portable generator	31.03.2009	38,000/-	Working
Digital camera	06.03.2010	25,000/-	Working
Fax machine	20.03.2010	14,900/-	Working
Digital Copier	29.03.2010	66,600/-	Working
Multi crop thresher	26.03.2010	1,45,000/-	Working
Castor Thresher	26.03.2010	15,500/-	Working
Bag sewing machine	27.03.2010	5,040/-	Working
A&V sound system	10-12-2010	42,898/-	Working
Portable Sound system	10-12-2010	22,784/-	Working
Multimedia projector with trolley & screen	10-12-2010	64,997/-	Working
Seed cum fertilizers drill	16-03-2011	36,100/-	Working
Winnower	16-03-2011	26,500/-	Working
LCD TV	21-03-2011	54,890/-	Working
Lap top	24-03-2011	37,850/-	Working
Computer with accessories	17-03-2011	73,690/-	Working
Water cooler with RO system	19-03-2011	43,900/-	Working
Motor Cycle	22-03-2010	49,650/-	Working
Solar Water Heater	22-03-2012	75,025/-	Working
LCD TV	22-03-2012	40,860/-	Working
Refrigerator	22-03-2012	20,100/-	Working
Water Cooler with RO System	22-03-2012	42,000/-	Working
Magazine Stand Model T-9309	12-03-2014	4,465/-	Working
Acrylic Specimen Box	12-03-2014	840/-	Working
Acrylic Table Top/Desk ped	12-03-2014	4,952/-	Working
Acrylic Door Name Plate	12-03-2014	656/-	Working
Electric Motor 5 H. P	23-08-2014	22,500/-	Working
Electric Motor 0.5 H. P	03-12-2014	2,800/-	Working
Loan Mover	23-12-2014	26,200/-	Working

Sewing Machine with Gear (No. 16)	23-12-2014	91,200/-	Working
Sewing Machine without Gear	23-12-2014	8,000/-	Working
Sewing Machine	23-12-2014	8,000/-	Working
Trolley (2 Wheel)	24-02-2015	85,000/-	Working
Case Wheel	24-02-2015	15,000/-	Working
Samar	24-02-2015	28,000/-	Working
Peddler	24-02-2015	20,000/-	Working
Notice board	03-03-2015	5,980/-	Working
Magazine Stand	03-03-2015	6,240/-	Working
Honda Generator	23-03-2015	96,500/-	Working
Soil testing mini lab.	27/11/2015	75,000/-	Working
Digital electronic weight machine	04/02/2016	29,900/-	Working
Digital electronic weight machine	04/02/2016	6,900/-	Working
Paddy Thresher Fan with motor	04/02/2016	42,000/-	Working
Spray pump with betray	04/03/2016	8,000/-	Working
Paddy Thresher	21/03/2016	1,67,000/-	Working
Lesser band leveler	21/03/2016	2,95,000/-	Working
Rico digital photo copier	17/03/2017	1,50,000/-	Working
Rotary Secker	18/03/2017	99,000/-	Working
Automatic nitrogen distillation operator	16/03/2017	3,08,800/-	Working
Digital Spectrophoto meter	16/03/2017	75,000/-	Working
Hot plate	16/03/2017	41,300/-	Working
Oat at oven	18/03/2017	41,800/-	Working
E.C. meter	18/03/2017	34,760/-	Working
Electric top pan	18/03/2017	72,200/-	Working
Flam photo meter	18/03/2017	72,000/-	Working
P.H. Meter	16/03/2017	56,400/-	Working
Mrudaparikshak	25/03/2017	86,000/-	Working
Chap cutter	13/11/2017	26,964/-	Working
Winnowing fan with electric motor	08/02/2018	8,300/-	Working

Tractor mount sprayer	17-02-2018	99,710/-	Working

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

Sl. No.	Particulars	Proposed date of meeting
1	15th Scientific Advisory Committee Meeting	31-12-2021

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

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

Sr. No	Farming system/enterprise
1.	Agriculture + Horticulture + Animal husbandry
2.	Agriculture + Horticulture + Agroforestry (Agrihortisilvicultural)
3.	Agriculture + Animal husbandry
4.	Agroforestry

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

S. No	Agro-climatic Zone and Agro Ecological Situations	Characteristics	
1	South Gujarat Zone II, AES-I (Dediapada, Sagbara, Garudeshwar & Nandod)	Rainfall: 1000-1250 mm	**Type of Soil:** Undulating, shallow to medium in depth, fine textured, highly erosive and Deep Black Soil-Plain
2	Middle Gujarat Zone III, AES-IX (Tilakwada)	Rainfall: > 800 mm	**Soil Characteristics:** Low fertility land and hilly terrain with dense forest and Deep black soil with high rainfall-plain **Soil fertility:** Nitrogen-poor, Phosphorus medium, Potash High.

2.3. Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Undulating, shallow to medium in depth, fine textured, highly erosive	Low fertility land and hilly terrain with dense forest.	94,240
2	Deep black soil- Plain	Deep black soil with high rainfall- plain	23,560

2.4. Area, Production and Productivity of major crops cultivated in the district (2021)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)
CEREALS				

1	Paddy	9530	9554/25871	8.90/24.10
2	Wheat	1213	9048	22.62
3	Sorghum	5697	1724	14.10
4	Maize	7255	9999	15.90
TOTAL		**23704**	**56196**	**85.62**
PULSES				
1	Green gram	269	135	5.02
2	Pigeon Pea (Arhar)	18366	18382	9.90
3	Chick pea	1178	1593	9.76
TOTAL		**19903**	**20110**	**990.92**
OILSEEDS				
1	Soybean	1703	5831	17.10
2	Ground nut	170	347	18.40
3	Sesame	22	13	5.82
TOTAL		**2228**	**6808**	**60.96**
OTHERS				
1	Cotton	53456	67548	13.20
2	Sugarcane	5739	358678	700.0
3	Vegetables	2856	2770	9.70
4	Fodder Crops	2179	4794	22.00
TOTAL		**64264**	**433790**	**789.2**

Authentic Source (State / Central Govt): District agriculture department.

2.5.Weather data (2021)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
January	-	-	-	-	-
February	-	-	-	-	-
March	-	-	-	-	-
April	0	39.3	23.3	66	17
May	38	37.2	27.8	74	36
June	198.5	32.2	26.1	86	63
July	216.5	29.6	20.6	74	68
August	91.5	27.8	22.9	90	77
September	642	28.1	24.5	97	87
October	37	31.0	21.0	97	56

November	0	32.3	17.1	97	41
December	40.5	27.3	14.1	95	50
Total	**1264**				

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

Category	Population	Production	Productivity
Cattle			
Crossbred	4226	45,000 Tone/year milk	7.094 lit/day (milk)
Indigenous	136637		2.518 lit/day (milk)
Buffalo	58951		3.462 lit/day (milk)
Sheep	131	-	863 gm/year (wool)
Crossbred	-	-	-
Indigenous	-	-	-
Goats	71897	19843 kg meat/year	3.62 kg/year (meat)
Pigs	-	-	-
Crossbred	-	-	-
Indigenous	74	-	-
Rabbits	73	-	-
Poultry	-	-	-
Hens	-	-	-
Desi	138509	36,00,000 egg/year	0.2504 no. of egg/day
Improved	3887		0.6643 no. of egg/day
Ducks	913	-	-
Turkey and others	-	-	-
Category	**Area**	**Production**	**Productivity**
Fish	-	-	-
Marine	-	-	-
Inland	18.09	-	200 kg/ha
Prawn	-	-	-
Shrimp	-	-	-

2.7.Details of Operational area / Villages				
Name of the Taluka	**Name of the village**	**Major crops & enterprises**	**Major problem identified**	**Identified Thrust Areas**
Dediapada	Kunbar, Rohda, Almavadi, Sejpur, Navagam, Panuda, Bhatpur, Soliya	Paddy, Pigeon pea, sorghum, Gram	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management
	Relva Bharada, Sabuti, Khuparborsan, Gopaliya, Siyali	Paddy, Pigeon pea, sorghum Gram, Cotton, Wheat	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Insect pest problem in cotton • High use of input in cotton and vegetables	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Integrated pest management • Integrated Nutrient Management
	Mathasar, Kanzari, Pankhala, Kokam, Vandari,	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Insect pest problem in cotton • High use of input in cotton and vegetables	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Integrated pest management • Integrated Nutrient Management

	Tabda, Zankh, Kham, Bhutbeda,	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Insect pest problem in cotton • High use of input in cotton and vegetables	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Integrated pest management • Integrated Nutrient Management
Sagbara	Panchpipali, Navagam, Javali, Kel, Ubhariya. Kherdipada, Barktura,	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Insect pest problem in cotton • High use of input in cotton and vegetables	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Integrated pest management • Integrated Nutrient Management
	Nanadoramba, Motadoramba, Makran, Nana Kakadiamba, Bodvav	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Insect pest problem in cotton • High use of input in cotton and vegetables	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Integrated pest management • Integrated Nutrient Management
Nandod	Boridra, Amali, Nani chikhali, Moti chikhali. Partapnagar,	Paddy, Pigeon pea, sorghum Gram, Cotton, wheat, Vegetable	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Use of local variety, • Imbalance use of	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Varietal replacement

Tilak-wada	Nimpura, Bunjetha, Utavadi, Gamod.	Cotton, Paddy, Pigeon pea, maize, Gram, Wheat, Sorghum	• Insect pest problem in cotton • High use of input in cotton and vegetables • Use of local variety, • Imbalance use of fertilizer, • Low animal productivity	• Integrated pest management • Integrated Nutrient Management • Production technology of major crops, • Promotion of vegetable crops, • Dairy management through feeding, housing and Health management
Garudeshvar	Junvad, Fulvadi, Moti raval, Mota raipura, Suka, Zunda, Kalimakwana, Nava vaghpara	Paddy, Pigeon pea, Cotton, Maize, Gram, Wheat, Vegetables	• Use of local variety, • Imbalance use of fertilizer, • Low irrigation facility • Low animal productivity • Insect pest problem in cotton • High use of input in cotton and vegetables	• Varietal replacement • Production technology of major crops, • Water conservation, • Arid horticulture, • Dairy management through feeding, housing and Health management • Integrated pest management • Integrated Nutrient Management

2.8. Priority thrust areas:

1	Introduction of Improved variety
2	Balance used of fertilizers
3	Eco friendly plant protection technology
4	Dairy management and goat rearing
5	Drudgery reduction technology for farm women health nutrition for vulnerable groups and sickle cell anemia awareness
6	Women empowerment and self-reliability through entrepreneurial development

3. TECHNICAL PROGRAMME

3.1.A. Details of targeted mandatory activities by KVK

OFT		FLD	
(1)		(2)	
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers
08	39	789	1262

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
92	3700	438	46995

Seed Production (Qtl.)	Planting material (Nos.)	Livestock, poultry strains and Fish seed prod. (No's)	Soil Samples
(5)	(6)	(7)	(8)
251	170100	10	300

3.1.B. Operational areas details proposed during 2022

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.) *
Increasing the production of major crops					• Training • Field day • Field visits • Diagnostic
1	Pigeon pea	Use of local variety, Imbalance use of fertilizer	30	Two Cluster Having six villages of	
2	Chickpea		30		
3	Green gram		30		

4	Groundnut	and No use of bio fertilizer.	30	Dediapada and sagbara talukas	visit • Kisan gosthi • Crop Symposium- Kharif and Rabi • Exhibition Literature Publication and distribution
5	Soybean		30		
6	Sesame		30		
7	Paddy (Drilled)	Use of local variety.	20		
8	Paddy (T.P.)		30		
9	Maize	Introduction of new variety.	5		
10	Cotton	Use of local variety.	40	Two Cluster Having six villages of Dediapada, Sagbara, Nandod, Tilakwada, and Garudeshvar talukas	
11	Cotton	Lack of Knowledge, Low yield, More cost of cultivation.	6		
12	Paddy		6	Two Cluster Having six villages of Dediapada and sagbara taluka	
13	Maize		5		
Fruit and vegetables in irrigated area					
14	Brinjal	Lack of Knowledge and No use of bio-component.	6	Two Cluster Having six villages of Dediapada and sagbara taluka	
15	Chilli		6		
16	Indian bean	Use of local variety.	10		
17	Watermelon	Lack of Knowledge and No use bio fertilizer.	5		
18	Greater yam		5		
19	Ajwain		10		
20	Banana	Use of local variety.	300 to each farmer / 15	Two Cluster Having six villages of Nandod and Garudeshvar talukas	

	Mango	Use of local variety.	15 to each farmer / 15	One Cluster Having six villages of Dediapada and sagbara taluka	
Livestock Management					
22	Chelated Mineral Mixture	Low animal productivity, Imbalance Animal nutrition and feeding, housing and Health management,	50	Two Cluster Having six villages of Dediapada and sagbara talukas	
23	Fodder Sorghum		50		
24	Rubber Cow mat		25		
25	Mineral mixture licking block		50		
Small Scale Farm Mechanization					
26	Panjethi	Ergonomics drudgery reduction parameters like physical hazards, muscle stress, fatigue etc	50	Two Cluster Having six villages of Dediapada, Nandod and sagbara talukas	
27	Paddy thresher with winnowing fan		02		
28	Stalk pullover		25		
29	Twin Wheel Hoe with four attachment		50		
Nutritional Garden					
30	Nutritional Garden	Health and Nutrition management	100	Two Cluster Having six villages of Dediapada and sagbara taluka	

* Support with problem-cause and interventions diagram

3.2.Technologies to be assessed

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Spices	Plantation crops	Tuber Crops	TOTAL
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	**0**
Varietal Evaluation	1	0	2	0	0	1	1	0	0	**5**
Integrated Pest Management	1	0	0	0	0	0	0	0	0	**1**
Integrated Crop Management	0	0	0	0	0	0	0	0	0	**0**
Integrated Disease Management	0	0	0	0	0	0	0	0	0	**0**
Small Scale Income Generation Enterprises	0	0	0	0	0	0	0	0	0	**0**
Weed Management	0	0	0	0	0	0	0	0	0	**0**
Resource Conservation Technology	0	0	0	0	0	0	0	0	0	**0**
Farm Machineries	0	0	0	0	0	0	0	0	0	**0**
Integrated Farming System	0	0	0	0	0	0	0	0	0	**0**
Seed / Plant production	0	0	0	0	0	0	0	0	0	**0**
Value addition	0	0	0	0	0	0	0	0	0	**0**
Drudgery Reduction	0	0	0	0	0	0	0	0	0	**0**

Storage Technique	0	0	0	0	0	0	0	0	0	**0**
Mushroom cultivation	0	0	0	0	0	0	0	0	0	**0**
Total	**2**	**0**	**2**	**3**	**0**	**1**	**1**	**0**	**0**	**6**

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

Thematic areas	**Cattle**	**Poultry**	**Piggery**	**Rabbitry**	**Fisheries**	**TOTAL**
Evaluation of Breeds	0	0	0	0	0	**0**
Nutrition Management	1	0	0	0	0	**1**
Disease of Management	1	0	0	0	0	**1**
Value Addition	0	0	0	0	0	**0**
Production and Management	0	0	0	0	0	**0**
Feed and Fodder	0	0	0	0	0	**0**
Small Scale income generating enterprises	0	0	0	0	0	**0**
TOTAL	**2**	**0**	**0**	**0**	**0**	**2**

B. (I). Details of On Farm Trial / Technology Assessment during 2022-23

OFT : 1 Assessment of Pigeonpea varieties with reference to climate resilient performance

1	Title of Technology Assessed	:	Assessment of Pigeonpea varieties with reference to climate resilient performance
2	Problem diagnose/defined	:	- Lack of Knowledge, - Low yield, - More cost of cultivation
3	Details of technologies selected for assessment	:	**T1 :** Farmers Practice, **T2 :** Pigeonpea GT-105 **T3 :** Pigeonpea GT-104 **T4 :** Pigeonpea Vaishali
4	Source of technology	:	SAU, Gujarat
5	Production system/thematic area	:	Varietal
6	Performance of the technology with performance indicators	:	Yield increase (%), Yield (Q/ha), B:C Ratio, and Abiotic factors.
7	Process of farmers participation and their reaction	:	Farmer's participation in planning, execution and monitoring.

OFT : 2 Assessment of Greengram varieties against Yellow viral disease.

1	Title of Technology Assessed	:	Assessment of Greengram varieties against Yellow viral disease.
2	Problem diagnose/defined	:	- Unawareness about vector and its management, - Lack of Knowledge for application of insecticides,- non -availability of labour for roughing diseased plants, - Biotic and abiotic stress. - poor insect management
3	Details of technologies selected for assessment	:	**T1 :** Farmers Practice **T2 :** Greengram Meha, **T3 :** Greengram GAM-5, **T4 :** Greengram GM-6, **T5 :** Greengram GM-7,
4	Source of technology	:	SAU, Gujarat
5	Production system/thematic area	:	IPM

6	Performance of the technology with performance indicators	:	Number of diseased plants (%) at before flowering and pod formation stage, Yield increase (%),Yield (Q/ha), B:C Ratio.
7	Process of farmers participation and their reaction	:	Farmer's participation in planning, execution and monitoring.

OFT : 3 Assessment of tissue culture and macro propagation technology in banana

1	Title of Technology Assessed	:	Assessment of tissue culture and macro propagation technology in banana
2	Problem diagnose/defined	:	- Lack of Knowledge about planting material and above technologies, - Low yield with some virus diseases, - High cost of cultivation
3	Details of technologies selected for assessment	:	**T1** : Farmers Practice (Suckers) **T2** : Grand Naine (G-9)- Tissue Culture, **T3** : Grand Naine (G-9)- Macro propagation Technique
4	Source of technology	:	Department of Botany or Bio technology, NMCA, NAU, Navsari and FRS, (ICAR, AICRP ON FRUITS), NAU, GANDEVI
5	Production system/thematic area	:	Varietal
6	Performance of the technology with performance indicators	:	Number of days for harvesting, Weight of a bunch, Yield (Q/ha), Yield increase (%), B:C Ratio.
7	Process of farmers participation and their reaction	:	Farmer's participation in planning, execution and monitoring.

OFT : 4 Assessment of anthelmintic against parasitic infestation in Kid (Goat).

1	Title of Technology Assessed	:	Assessment of anthelmintic against parasitic infestation in Kid (Goat).
2	Problem diagnose/defined	:	The major problem identified in Kid (goat) is low weight gain due to parasitic infestation.
3	Details of technologies selected for assessment	:	**T1 :** Farmers Practice **T2 :** Albendazole @ 10mg/kg body weight once a month up to six month of age,

			T3 : Fenbendazole @ 7.5mg/kg body weight once a month up to six month of age, **T4 :** Neem leaves @ 50 gm per day per head 3 to 6 months of age group kid.
4	Source of technology	:	SAU, Gujarat
5	Production system/thematic area	:	Animal Production
6	Performance of the technology with performance indicators	:	Body weight Kg and B:C Ratio.
7	Process of farmers participation and their reaction	:	Farmer's participation in planning, execution and monitoring.

B. (II). Details of Continue on Farm Trial / Technology Assessment

OFT-1: Assessment of management techniques against Fall Army Worm in Maize.

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Maize	Irrigated	Farmers are frequently applying high dose of insecticides to manage FAW, which leads to residual problem and its hazardous effect	Assessment of management techniques against Fall Army Worm in Maize.	5	T1- Application Farmers practice : Propenofose 40% + Cypermathrin 4% @ 20-30 ml per 10 lit. water at 10 DAS,	FAW damage (%)	15.5	IPM module found 22.7 q/ha yield with 18.2% increased in yield as compared the farmer's practice.	By adoption of IPM module can minimize the damage due to fall army worm in Maize as compared to chemica	Continue	-
						FAW larvae/plant	10.6				
						Yield (Q/ha)	19.2				
						B:C Ratio	2.08				
					IPM module practice: Includes -Pheromone trap @ 5 per ha	FAW damage (%)	1.87				
						FAW larvae/plant	2.56				

		spoil environment as well as human health.			-T shaped perches @40 per ha -Application of Neem oil 1500 ppm @50 ml per 10 lit. -Application of Flubendiamide 20SP @10ml per 10 lit. -Application of Bouveria bassiana @ 50 gm per 10 lit.	Yield (Q/ha)	22.6		l method.		
						B:C Ratio	2.69				

Contd...

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	**14**	**15**	**16**	**17**	**18**
T1-Application Farmers practice : Propenofose 40% + Cypermathrin 4% @ 20-30 ml per 10 lit. water at 10 DAS,	-	19.2	Q/ha	38320	2.08

IPM module practice: Includes -Pheromone trap @ 5 per ha -T shaped perches @40 per ha -Application of Neem oil 1500 ppm @50 ml per 10 lit. -Application of Flubendiamide 20SP @10ml per 10 lit. -Application of Bouveria bassiana @ 50 gm per 10 lit.	NAU, Navsari.	22.6	Q/ha	45260	2.69

2. Assessment of Wheat varieties

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Wheat	Irrigated	-Lack of Knowledge -Low yield -More cost of cultivation	Assessment of Wheat varieties	5	T1: Wheat GW- 496	Yield (Q/ha)	11.3	Wheat GW-451 gave higher yield 14.5Q/ha with B:C ratio (2.85) with 28.7% increased in yield.	Wheat GW-451 is better then Wheat GW-496.	Continue	-
						B:C Ratio	**1.96**				
					T2: Wheat GW- 451	Yield (Q/ha)	**14.5**				
						B:C Ratio	**2.85**				

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	**14**	**15**	**16**	**17**	**18**
T1: Wheat GW- 496	AAU, Anand	11.3	quintal	11060	1.96
T2: Wheat GW- 451		14.5	quintal	18840	2.85

3. Assessment of Ajwain varieties Kharif-2021

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter			Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**			**9**	**10**	**11**	**12**
Ajwain	Rain fed Condition (Kharif)	- Lack of proper package of practices	Assessment of Ajwain varieties	4	Varietal assessment	Yield and B:C ratio	Treatment	Yield	B:C ratio	The data from the farmers fields shown that variety Ajmer	Ajmer Ajwain-93 variety having good yield and also having better	-Need improved varieties which can replace the local variety	-
							T1-Local	7.7	4.2				
							T2-Ajmer Ajwain-1	9.4	5.1				

		- Lack of improved varieties					T3- Ajmer Ajwain-2	9.7	5.2	Ajwain-93 having high yield with more B:C ratio	return as compared to other varies and local one	for better farming of ajwain crop	
							T4- Ajmer Ajwain-93	10.2	7.1				

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	**14**	**15**	**16**	**17**	**18**
Technology option 1 (Farmer's practice)	Locally available seeds	7.7	quintal	98933	4.2
Technology option 2	NRC Seed Spices, Ajmer	9.4	quintal	138800	5.1
Technology option 3	NRC Seed Spices, Ajmer	9.7	quintal	144517	5.2
Technology option 4	NRC Seed Spices, Ajmer	10.2	quintal	153465	7.1

4. Assessment of nutrition management on performance of milk yield of local Indigenous cattle of Narmada district

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Livestock (Indigenous cattle)	No stall feeding and Imbalance feeding practices	The little milk yield in local Indigenous milking cattle of Narmada district due to Imbalance feeding practices	Assessment of nutrition management on performance of milk yield of local Indigenous cattle of Narmada district	4	Supplementation of concentrate feeding (0.5 kg/ 1kg milk production + 1.5 kg) + 30g mineral mixture +De-worming	Milk Production	1.4 lit/ day	4.4 lit/ day	concentrate feeding had significantly increased milk yield and reduced negative energy balance, body condition score loss & calving interval	Continue	-

Contd...

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	BC Ratio
13	**14**	**15**	**16**	**17**	**18**
T_1: Traditional Practice (No stall feeding)	-	250 lit	1.4/Animal/day	6200	2.55
T_2: Supplementation of concentrate feeding (0.5 kg/ 1kg milk production + 1.5 kg) + 30g mineral mixture +De-worming	Animal nutrition department, AAU, Anand	550 lit	4.4lit/Animal/day	21750	3.90

4.1. Front Line Demonstration: (2022-23)

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 with cost (Rs.)	Season and year	Area (ha)	No. of farmers/ demon.	Parameters identified
1	Pigeon pea	GT-104	ICM	Improved variety	60000	Kharif - 2022	30	75	Yield Q/ha, Increased yield (%) & B:C ratio
2	Chickpea	GJG-5	ICM	Improved variety	75000	Rabi'2022-23	30	75	Yield Q/ha, Increased yield (%) & B:C ratio
3	Green gram	GM-6	ICM	Improved variety	60000	Summer - 2023	30	75	Yield Q/ha, Increased yield (%) & B:C ratio

4	Groundnut	GG-32	ICM	Improved variety	160000	Kharif - 2022	20	50	Yield Q/ha, Increased yield (%) & B:C ratio
	Groundnut	TG37A	ICM	Improved variety	60000	Summer - 2023	10	25	
5	Soybean	NRC-37	ICM	Improved variety	75000	Kharif - 2022	30	75	Yield Q/ha, Increased yield (%) & B:C ratio
6	Sesame	GT-5	ICM	Improved variety	45000	Summer - 2023	30	75	Yield Q/ha, Increased yield (%) & B:C ratio
7	Paddy (Drilled)	Purna/ Tapi	Varietal	Improved variety	25000	Kharif - 2022	20	50	Yield Q/ha, Increased yield (%) & B:C ratio
8	Paddy (T.P.)	GAR-13/ GNRH-2/ GNR-2	Varietal	Improved variety	60000	Kharif - 2022	30	75	Yield Q/ha, Increased yield (%) & B:C ratio
9	Maize	GAYMH-1	Varietal	Improved variety	20000	Kharif - 2022	5	12	Yield Q/ha, Increased yield (%) & B:C ratio
10	Cotton	Bt. H-8	Varietal	Improved variety	50000	Kharif - 2022	20	50	Yield Q/ha, Increased yield (%) & B:C ratio
11	Cotton	Bt. H-10	Varietal	Improved variety	50000	Kharif - 2022	20	50	Yield Q/ha, Increased yield (%) & B:C ratio
12	Cotton	Bt. H-8	IPM	Yellow sticky trap, Pheromone trap with lures, Neem based pesticides,	50000	Kharif - 2022	6	16	Mean population/plant, Yield Q/ha,

				B. bassiana Acetamiprid.					Increased yield (%) & B:C ratio
13	Paddy	GNR-2	IPM	Pheromone trap with lures, Neem based pesticides, B. bassiana Acetamiprid,	50000	Kharif - 2022	6	16	Mean population/plant, Yield Q/ha, Increased yield (%) & B:C ratio
14	Maize	GAYMH-1	IPM	Neem based pesticides, *B. bassiana*, Pheromone trap with lures, and Flubendiamide.	60000	Kharif - 2022	5	12	Mean population/plant, Yield Q/ha, Increased yield (%) & B:C ratio
15	Brinjal	Gulabi	Bio-agents	Pseudomonas culture	5000	Rabi 2022-23	6	16	Mean population/plant, Yield Q/ha, Increased yield (%) & B:C ratio
16	Chilli	-	Bio-agents	Pseudomonas culture	5000	Rabi 2022-23	6	16	Mean population/plant, Yield Q/ha, Increased yield (%) & B:C ratio
17	Indian bean	GNIB-22	Varietal	Improved variety	30000	Late Kharif - 2022	10	25	Yield Q/ha, Increased yield (%) & B:C ratio
18	Water-melon	-	INM	Novel and Fruit fly trap	10000	Summer - 2023	5	12	

19	Greater yam	-	INM	Novel, Vermicompost and Bio fertilizer	10000	Kharif - 2022	5	12	
20	Ajwain	-	INM	Novel, Vermicompost and Bio fertilizer	35000	Late kharif - 2022	10	25	Yield Q/ha, Increased yield (%) & B:C ratio
21	Banana	G-9	Varietal	Improved variety	60000	Kharif - 2022	300 to each farmer	15	
22	Mango	Sonpari	Varietal	Improved variety	25000	Kharif - 2022	15 to each farmer	20	
	Total				**10,80,000/-**				

Sponsored Demonstration (CFLDs on O & P/Others)

Crop/ Enterprises	Area (ha)	No. of farmers
Cotton	20	50
Chickpea	20	50
Maize	20	50
Kitchen Garden / vegetable	100	100
Novel	20	50
Total	**180**	**300**

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1.	Field days	30	-	4500
2.	Farmers Training	75	-	3095

3.	Media coverage	5	-	-
4.	Training for extension functionaries	2	-	100

C. Details of FLD on Other Enterprises

A. Farm Implements

Sr. No.	Crop/ Enterprise	Thematic area	Technology /input demonstration	No. of farmers	Parameters to be identified	Cost of input /RS
1	Threshing and winnowing	Drudgery reduction	Paddy thresher and fan	02/ 2 SHG	Ergonomics drudgery reduction parameters like physical hazards, muscle stress, fatigue etc.	84000
2	Removal of stubble		Stalk puller	25		25000
3	Weed management		Twin Wheel Hoe with four attachment	50		100000
4	Seedbed preparation		Panjethi	50		50000
	Total					**259000**

B. FLD on Livestock and Fisheries Enterprises

Sr. No	Technology to be demonstrated	Thematic AREA	No. of Farmer	Observation	Critical inputs	Cost/input (RS)
1.	Chelated Mineral Mixture	Animal nutrition	50	Milk production	Chelated Mineral Mixture	10000
2.	Fodder Sorghum		50	Fodder production	Fodder seed	20000
3.	Mineral mixture licking block		50	Calving interval (Days)	Mineral mixture licking block	10000
4.	Rubber Cow mat		25	Milk production and good health	Cow mat	50000
	Total					**80000**

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	01				20	10	30	30
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification								
Integrated Farming	01				20	10	30	30
Water management								
Seed production								
Nursery management								
Integrated Crop Management	01				20	10	30	30
Fodder production								
Production of organic inputs	01				20	10	30	30
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables	01				20	10	30	30
Nursery raising								
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)	01				20	10	30	30
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit	01				20	10	30	30
Management of young plants/orchards	01				20	10	30	30

Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology	01				20	10	30	30
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management	01				20	10	30	30
Production and management technology								
Post-harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management								
Production and use of organic inputs								
Management of Problematic soils								

Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing								
IV Livestock Production and Management								
Dairy Management	01				20	10	30	30
Poultry Management	01				20	10	30	30
Piggery Management								
Rabbit Management/goat	01				20	10	30	30
Disease Management	01				20	10	30	30
Feed management	01				20	10	30	30
Production of quality animal products	01				20	10	30	30
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	01				20	10	30	30
Design and development of low/minimum cost diet	01				20	10	30	30
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition	01				20	10	30	30
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies	01				20	10	30	30
Rural Crafts	01				20	10	30	30
Women and child care	01				20	10	30	30
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								

Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	02				40	20	60	60
Integrated Disease Management	02				40	20	60	60
Bio-control of pests and diseases	01				20	10	30	30
Production of bio control agents and bio pesticides	01				20	10	30	30
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production								
Organic manures production								
Production of fry and fingerlings								

Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development	01				20	10	30	30
Group dynamics								
Formation and Management of SHGs	01				20	10	30	30
Mobilization of social capital	01				20	10	30	30
Entrepreneurial development of farmers/youths	01				20	10	30	30
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
XII Others (Pl. Specify)								
TOTAL	**32**				**640**	**320**	**960**	**960**
(B) RURAL YOUTH								
Mushroom Production	01				20	10	30	30
Bee-keeping								
Integrated farming	01				20	10	30	30
Seed production								
Production of organic inputs								
Integrated Farming (Medicinal)								
Planting material production								
Vermi-culture	01				20	10	30	30
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops	01				20	10	30	30

Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing	01				20	10	30	30
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing	01				20	10	30	30
Post-Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL	**06**				**120**	**60**	**180**	**180**
(C) Extension Personnel								
Productivity enhancement in field crops								
Integrated Pest Management	01				20	10	30	30
Integrated Nutrient management	01				20	10	30	30
Rejuvenation of old orchards								
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								

Capacity building for ICT application								
Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals	01				20	10	30	30
Livestock feed and fodder production								
Household food security	01				20	10	30	30
Women and Child care	01				20	10	30	30
Low cost and nutrient efficient diet designing								
Production and use of organic inputs	01				20	10	30	30
Gender mainstreaming through SHGs	01				20	10	30	30
Any other (Pl. Specify)								
TOTAL	**07**				**140**	**70**	**210**	**210**
G. Total	**45**	**0**	**0**	**0**	**900**	**450**	**1350**	**45**

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	01				25	25	50	50
Resource Conservation Technologies	01				25	25	50	50
Cropping Systems	01				25	25	50	50
Crop Diversification								
Integrated Farming	01				25	25	50	50
Water management								
Seed production								
Nursery management								
Integrated Crop Management	01				25	25	50	50
Fodder production								

Production of organic inputs	01				25	25	50	50
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables								
Nursery raising	01				25	25	50	50
Exotic vegetables like Broccoli	01				25	25	50	50
Export potential vegetables	01				25	25	50	50
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit	01				25	25	50	50
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits	01				25	25	50	50
Micro irrigation systems of orchards								
Plant propagation techniques	01				25	25	50	50
c) Ornamental Plants								
Nursery Management	01				25	25	50	50
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								

f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management	01				25	25	50	50
Production and management technology								
Post-harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management	01				25	25	50	50
Production and use of organic inputs								
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing	01				25	25	50	50
IV Livestock Production and Management								
Dairy Management	01				25	25	50	50
Poultry Management	01				25	25	50	50
Piggery Management								
Rabbit Management /goat	01				25	25	50	50
Disease Management	02				50	50	100	100
Feed management	02				50	50	100	100
Production of quality animal products	01				25	25	50	50
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	01				25	25	50	50
Design and development of low/minimum cost diet	01				25	25	50	50
Designing and development for high nutrient efficiency diet								

Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs	01				25	25	50	50
Storage loss minimization techniques	01				25	25	50	50
Value addition	02				50	50	100	100
Income generation activities for empowerment of rural Women	01				25	25	50	50
Location specific drudgery reduction technologies	01				25	25	50	50
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post-Harvest Technology								
VII Plant Protection								
Integrated Pest Management	02				50	50	100	100
Integrated Disease Management	02				50	50	100	100
Bio-control of pests and diseases	02				50	50	100	100
Production of bio control agents and bio pesticides	02				50	50	100	100
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								

Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production (Horti.)	01				25	25	50	50
Organic manures production (A.S.)	01				25	25	50	50
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development	01				25	25	50	50
Group dynamics	01				25	25	50	50
Formation and Management of SHGs (HS)	01				25	25	50	50
Mobilization of social capital								
Entrepreneurial development of farmers/youths (Agro.)	01				25	25	50	50
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems (Agro)	01				25	25	50	50
XII Others (Pl. Specify)								
TOTAL	**47**				**1175**	**1175**	**2350**	**2350**

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	02				45	35	80	80
Resource Conservation Technologies	01				25	25	50	50
Cropping Systems	01				25	25	50	50
Crop Diversification								
Integrated Farming	02				45	35	80	80
Water management								
Seed production								
Nursery management								
Integrated Crop Management	02				45	35	80	80
Fodder production								
Production of organic inputs	02				45	35	80	80
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables	01				20	10	30	30
Nursery raising	01				25	25	50	50
Exotic vegetables like Broccoli	01				25	25	50	50
Export potential vegetables	01				25	25	50	50
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)	01				20	10	30	30
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit	02				45	35	80	80
Management of young plants/orchards	01				20	10	30	30
Rejuvenation of old orchards								
Export potential fruits	01				25	25	50	50

Micro irrigation systems of orchards								
Plant propagation techniques	01				25	25	50	50
c) Ornamental Plants								
Nursery Management	01				25	25	50	50
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology	01				20	10	30	30
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management	02				45	35	80	80
Production and management technology								
Post-harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management	01				25	25	50	50
Production and use of organic inputs								
Management of Problematic soils								

Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing	01				25	25	50	50
IV Livestock Production and Management								
Dairy Management	02				45	35	80	80
Poultry Management	02				45	35	80	80
Piggery Management								
Rabbit Management/goat	02				45	35	80	80
Disease Management	03				70	60	130	130
Feed management	03				70	60	130	130
Production of quality animal products	02				45	35	80	80
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	02				45	35	80	80
Design and development of low/minimum cost diet	02				45	35	80	80
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs	01				25	25	50	50
Storage loss minimization techniques	01				25	25	50	50
Value addition	03				70	60	130	130
Income generation activities for empowerment of rural Women	01				25	25	50	50
Location specific drudgery reduction technologies	02				45	35	80	80
Rural Crafts	01				20	10	30	30
Women and child care	01				20	10	30	30
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								

Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	04				90	70	160	160
Integrated Disease Management	04				90	70	160	160
Bio-control of pests and diseases	03				70	60	130	130
Production of bio control agents and bio pesticides	03				70	60	130	130
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								

Vermi-compost production	01				25	25	50	50
Organic manures production	01				25	25	50	50
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development	02				45	35	80	80
Group dynamics	01				25	25	50	50
Formation and Management of SHGs	02				45	35	80	80
Mobilization of social capital	01				20	10	30	30
Entrepreneurial development of farmers/youths	02				45	35	80	80
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems	01	0	0	0	25	25	50	50
Sponsored training								
TOTAL	**79**	**0**	**0**	**0**	**1815**	**1495**	**3310**	**3310**
(B) RURAL YOUTH								
Mushroom Production	01				20	10	30	30
Bee-keeping								
Integrated farming	01				20	10	30	30
Seed production								
Production of organic inputs								
Integrated Farming								
Planting material production								
Vermi-culture	01				20	10	30	30
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								

Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops	01				20	10	30	30
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing	01				20	10	30	30
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing	01				20	10	30	30
Post-Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL	**06**				**120**	**60**	**180**	**180**
(C) Extension Personnel								
Productivity enhancement in field crops								
Integrated Pest Management	01				20	10	30	30
Integrated Nutrient management	01				20	10	30	30
Rejuvenation of old orchards								
Protected cultivation technology								

Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals	01				20	10	30	30
Livestock feed and fodder production								
Household food security	01				20	10	30	30
Women and Child care	01				20	10	30	30
Low cost and nutrient efficient diet designing								
Production and use of organic inputs	01				20	10	30	30
Gender mainstreaming through SHGs	01				20	10	30	30
Any other (Pl. Specify)								
Total	**07**				**140**	**70**	**210**	**210**
G. TOTAL	92	0	0	0	2075	1625	3700	3700

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	30	3000	1500	4500	2	1	3	3002	1501	4503
Kisan Mela	2	390	390	780	10	10	20	400	400	800
Kisan Ghosthi	20	1000	500	1500	1	0	1	1001	500	1501
Exhibition	2	1000	1000	2000	2	0	2	1002	1000	2002
Film Show	30	1200	800	2000	0	0	0	1200	800	2000
Farmers Seminar	5	500	450	950	0	0	0	500	450	950

Workshop	5	1000	1000	2000	12	0	2	1012	1000	2012
Group meetings	13	180	120	300	2	0	2	182	120	302
Lectures delivered as resource persons	150	5000	3500	8500	0	0	0	5000	3500	8500
Newspaper coverage	15	0	0	0	0	0	0	0	0	0
Radio talks	1	0	0	0	0	0	0	0	0	0
TV talks	1	0	0	0	0	0	0	0	0	0
Popular articles	5	0	0	0	0	0	0	0	0	0
Extension Literature	12	0	0	0	0	0	0	0	0	0
Scientific visit to farmers field	50	250	250	500	2	0	2	252	250	502
Farmers visit to KVK	1	6000	5500	11500	0	0	0	6000	5500	11500
Diagnostic visits	50	200	150	350	1	1	2	201	151	352
Exposure visits	5	100	100	200	0	0	0	100	100	200
Ex-trainees Sammelan	2	25	25	50	2	0	2	27	25	52
Soil health Camp	2	1500	1500	3000	0	0	0	1500	1500	3000
Animal Health Camp	2	50	50	100	1	1	2	51	51	102
Soil test campaigns	2	1500	1500	3000	0	0	0	1500	1500	3000
Farm Science Club Conveners meet	4	100	100	200	2	1	3	102	101	203
Self Help Group Conveners meetings	5	494	1000	1494	2	0	2	496	1000	1496
Mahila Mandals Conveners meetings	1	0	100	100	1	0	1	1	100	101

Celebration of important days (specify)	15	750	750	1500	0	0	0	750	750	1500
Krishi Mohostva	1	600	500	1100	2	1	3	602	501	1103
Pre Kharif workshop	3	400	150	550	1	1	2	401	151	552
Pre Rabi workshop	3	300	300	600	0	0	0	300	300	600
PPVFRA workshop	1	110	50	160	2	0	4	112	50	162
Any Other (Specify)										
Total	438	25649	21285	46934	45	16	53	25694	21301	46995

3.6. Target for Production and supply of Technological products

SEED MATERIALS

S. No.	Name of crop	Area (ha)	Variety	Date of sowing / Planting	Date of harvest	Expected yield (q)
Kharif season	Paddy	3.5	GNR-6/GNR-2/ GR-13/ GR-16/ GR-17/GNR-9/ GR-18/GR-20/ Parimal	June - July 2022	Oct. – Nov. 2022	124
		2.5	Purna/Tapi		Oct. – Nov. 2022	70
	Soybean	0.40	NRC-37		Oct. - 2022	4
	Pigeon pea	0.40	GT-104		Jan. – Feb. 2022	5
	Niger	0.40	GN-3		Nov. - 2022	0.5
	Indian bean	0.40	GNIB-22	Sap. -22	Jan. – Feb. 2022	1
Rabi-Season	Gram	1.20	GG-3	Oct. – Nov.22	Feb. – Mar. 2022	15
		1.20	GG-5			12
	Sun hemp	1.00	-	Oct. – Nov.22	Feb. – Mar. 2022	

Summer season	Green gram	1.00	GM-6/GM-7	Feb. 2022	May 2023	7.5
	Paddy (Hy.)	1.00	GRH-2			12

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
Fruits	Mango	Kesar/Daseri/Nilam etc.	2500
	Guava	-	500
	Custard apple	Local	500
	Lemon	Kagdi lime	500
	Dragon fruit	Red and white cultivar	100
	Strawberry	-	500
Vegetables	Drumstick	PKV-1	2000
	Brinjal	Surati ravaiya	50000
	Tomato	GT-7	50000
	Chili	GVC-111	50000
	Cabbage	-	5000
	Cauliflower	-	5000
	Broccoli	-	2000
	Tindola	-	500
	Paraval	-	500
	Spine gourd	Local	500
Spices	-	-	-
		Total	**170100**

Bio-products

Sl. No.	Product Name	Species	Quantity	
			Kg	Lit
Bio Pesticides	-	-	-	-
Bio Fungicides	-	-	-	-
Bio Fertilizers	-	-	-	-
Any Other (Pl. specify)	Vermicompost	-	10000	-
	Panch-gavya	-	-	1200

	Jivamrut Das-perni	-	-	1200
		-	-	1200
		Total	**10000**	**3600**

LIVESTOCK

Sl. No.	Type	Breed	Quantity (No.)
Cattle			
Goat	M/F	Surati	10
Sheep	-	-	-
Poultry	-	-	-
Pigs	-	-	-
Fisheries	-	-	-
Any Other (Pl. specify)	-	-	-
		Total	**10**

VALUE ADDED PRODUCTS

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

3.7. Action plan for management of KVK instructional farm

Total land with KVK	:	21.6 ha
Cultivable land	:	Irrigated: 10.00 ha and Rainfed: 00 ha
Micro-irrigation facility available at KVK	:	Yes / No.

S. No.	Name of crop	Area (ha)	Variety	Date of sowing / Planting	Date of harvest	Expected yield (q)
1	Crops					
2	Fruit crops	2.00	Kesar, Mango mother block and Custard apple	-	-	-
3	Vegetable crops	1.00	Indian bean	Late kharif	Winter	5.00

4	Seed production	6.55	Paddy, Pigeon pea, Niger, Gram and Green gram	-	-	250
5	Fodder crops	0.25	Sorghum, Lucerne, Oat and Maize	-	-	400
6	Technology cafeteria*	-	-	-	-	-
7	Nutritional Garden*	0.10	Vegetables	-	-	2.00
9	IFS Model*	0.80	Goat breeding unit, Bio gas unit, Azolla unit, Mushroom unit, Vermicompost unit and Farm pond.	-	-	-

*May add separate table/information if necessary

4. Literature to be Developed/Published

A. Literature developed/published

Sr. No.	Topic	Number
1	Research paper each scientist (one)	10
2	Technical reports	25
3	News letters	05
4	Training manual all discipline	06
5	Popular article	12
6	Extension literature	20
7	E-publication	05
8	Any other (Please specify)	
	Total	83

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	DVD	About KVK, Narmada	01
2	DVD	Progressive farmers	10

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

Sr. No.	Type of social media platform	Title / Purpose	Number
1	YouTube Channel	KVK Narmada	01
2	Facebook page	KVK Narmada	01
3	Mobile Apps	-	00
4	WhatsApp groups	Mushroom Grower, Animal Husbandry, TWTC Group, *Bagayat kheti narmada*, Advisory (Plant Protection), Womens Technology Park, GKMS Tilakwada, GKMS Dediapada, GKMS Sagbara, GKMS Nandod and GKMS Garudeswar.	11
5	Twitter Account	KVK Narmada	01
6	Any other (Pl. Specify)		

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

Sr. No.	Title of success story / case study identified	Proposed month for case/story to be prepared/ developed
1.	Improved Variety of Soybean (NRC-37): A Promising variety to augment soybean productivity in tribal area	July-2022
2.	Entrepreneurship development through Mushroom cultivation	October - 2022
3.	Entrepreneurship development through Dairy Farming	December - 2022
4.	Entrepreneurship development through Poultry	November - 2022
5.	Kitchen Gardening: Improve nutritional security and supplements house hold income	November - 2022

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

A. Practicing Farmers

a) PRA

b) Group discussion

c) Field level observation

Rural Youth

a) PRA

b) Group discussion

c) Group meeting& Field level observation

In-service personnel

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

5.2. Indicate the methodology for identifying OFTs/FLDs

For OFT:

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

For FLD:

i) New variety/technology
ii) Poor yield at farmer's level
iii) Existing cropping system

5.3. Field activities

i. Name of villages identified/adopted with block name (from 2018-19)

S. N.	Taluka	Name of the block	Name of the village
1	Nandod	Nandod	Boridra, Aamali, Nanichikhali, Motichikhali.
2	Tilakwada	Tilakwada	Nimpura, Bunjetha, Utavadi, Gamod.
3	Sagbara	Sagbara	Nanadoramba, Motadoramba, Makran, NanaKakadiamba, Bodvav, Panchpipli
4	Dediapada	Dediapada	Almavadi, Navagam, Panuda, Nani Bedvaan, Soliya, Relva Bharada, Sabuti, Mathasar, Kanzari, Kokam,Vandri, Tabda, Bhutbeda, Khabji.
5	Garudeshvar	Garudeshvar	Fulvadi, Suka, Motiraval, Kali Makvana

ii. No. of farm families selected per village:	
No. of farm families	**Name of the village**
20	Boridra, Aamali, Nanichikhali, Motichikhali.
20	Nimpura, Bunjetha, Utavadi, Gamod.
20	Palasavada, Umaral, Navagam, Javali, Kolvan, Ubhariya, Kherdipada, Barktura,
40	Nanadoramba, Motadoramba, Makran, Nana Kakadiamba, Bodvav, Nevdiamba, Dudhlivel, Kel
25	Kunbar, Rohda, Mulkapada,Vadva, babda
20	RelvaBharada, Sabuti, Moskut,Gavalawadi
25	Mathasar, Kanzari, Pankhala, Kokam,Vandri.
20	Tabda, Zankh, Sajanavav, Bhutbeda.
20	Khadganda, Dhamdra, Dhaniyala, Dhavali, Sajanpura, Songam.
25	Junvad, Fulvadi, Motiraval,Motaraipura, Suka, Nava vaghpara

iii. No. of survey/PRA conducted: 05

iv. No. of technologies taken to the adopted villages: 32

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

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

Crops / enterprises	Names of Cluster Villages identified for intervention	Name of the technologies found suitable by the farmers of the adopted villages
Soybean	Almawadi, Soliya, Nani bedwan, Nana doramba, Kodabaa, Kel,	Improved variety, Fertilizer management including biofertilizers, Bio Pesticides
Sesame	Almavadi, Sejpur, Gopaliya, Soliya, Siyali, Mota sukaamba	Improved variety, Fertilizer management including biofertilizers, Bio Pesticides
Cotton	Nivalda, bhatpur, Almawadi, Sejpur, Navagam, Nanibedwan, Khokhraumar, Amadala	Improved variety, Micro nutrient, Pheromone, Trap, Acetamiprid, Neem oil 1500ppm, Bavaria bassiana
Pigeon pea	Sejpur, Almavadi, Gopaliya, Panch Pipari, Amdala, Chikada	Improved variety, Fertilizer management including biofertilizers, Bio Pesticides

Chickpea	Sejpur, Almavadi, Gopaliya, Panch Pipari, Amdala, Chikada and Khuradi	Improved variety, Fertilizer management including bio fertilizers, Bio Pesticides, Pheromone trap and lures, ‘T’ shaped bird perches.
Green gram	Almavadi, Sejpur, Bhatpur, Nana kakadiamba	Improved variety, Fertilizer management including bio fertilizers, Bio Pesticides, Pheromone trap and lures, ‘T’ shaped bird perches.
Paddy (Drilled) and (T.P.)	Jambar, Bandiservan, Almawadi, Soliya, Nani bedwan, Nana doramba, Kodabaa, Sorapada, Kel, Panchpipari, Soliya, Gopaliya and Pansar	Improved variety Pheromone, Trap, Acetamipride, Neem oil 1500ppm, Bavaria bassiana
Maize	Tuver, Jambar and Navagam	
Chilli	Almavadi, Nivalda, Jargam, Ghankhetar, Gopaliya, Nanasukaamba and Soliya	Pseudomonas liquid
Brinjal	Almavadi, Khuradi, Soliya, Besana	Pseudomonas liquid
Indian bean	Sabuti, Ningath, Navagam, Soliya, Gopaliya and Gajar gota	Improved variety, Fertilizer management including biofertilizers, Bio Pesticides
Ajawin	Servai, Nani bedvan, Moti bedvan and Mohabi	Improved variety, Fertilizer management including biofertilizers, Bio Pesticides
Watermelon	Khuradi, Gadh, Relva bharada, Kankhadi, Nani bedvan, Moti bedvan and Mohabi	Novel
Mango	Vedchha, Mathasar, Dunkhal, Andu, Arethi, Khuradi and Virpur	Improved variety, Fertilizer management including biofertilizers, Bio Pesticides
Banana	Karatha, Rampura, Bhadam, Kalimakavana, Sundarpura and Lasakadi.	Improved variety, Fertilizer management including biofertilizers, Bio Pesticides
Panjethi	Soliya, Zankh, Nanisingloti, Besana, Pratap pura, Chikhali and Khuradi	Seedbed preparation
Stalk puller	Soliya, Zankh, Nanisingloti, Besana, Gopaliya, Borsan,	Removal of stalk of cotton and pigeonpea

Electric Motor operated paddy thresher	Gopaliya, Borsan, Soliya, Guldachama, Bhatpur, Almawadi, Besana, Pratap pura, Taval and Khuradi	Electric Motor operated paddy thresher with winnowing fan
Twin wheel hoe	Nivalda, Bhatpur, Almawadi, Sejpur, Navagam, Nanibedwan, Khokhraumar and Kham.	Twin wheel hoe
Chelated Mineral Mixture	Guldacham, Dediapada, Nivalda, Gadh, Kunbar, Bebar, Sabuti and Gopaliya	Chelated Mineral Mixture
Fodder Sorghum (COFS-29)	Andu, Soliya, Gopaliya, Motasukha amba, Guldacham, Kham, Nanasukha amba, Tabada and khuradi	Improved variety, Fertilizer management including biofertilizers, Bio Pesticides
Fodder Sorghum (CSV-33 MF)	Andu, Soliya, Gopaliya, Motasukha amba, Guldacham, Kham, Nanasukha amba, Tabada and khuradi	Improved variety, Fertilizer management including biofertilizers, Bio Pesticides
Rubber cow mat	Andu, Soliya, Gopaliya, Motasukha amba, Guldacham, Kham, Nanasukha amba, Tabada and khuradi	Rubber cow mat
Fodder Oat (Os-377)	Andu, Soliya, Gopaliya, Motasukha amba, Guldacham, Kham, Nanasukha amba, Tabada and khuradi	Improved variety, Fertilizer management including biofertilizers, Bio Pesticides
Mineral Mixture Licking block	Andu, Soliya, Gopaliya, Motasukha amba, Guldacham, Kham, Nanasukha amba, Tabada and khuradi	Mineral Mixture Licking Block
Kitchen garden	Nani sigloti, Navagam, Bhutbeda, Chikda and Kham	Seedlings of vegetables

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

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

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

- Hilly area with undulating land
- Uneven distribution of rainfall
- Lack of irrigation facility
- Lack of scientific knowledge
- Mostly farmers are marginal with small land holding
- Low adoption rate

6. LINKAGES

6.1. Functional linkage with different organizations

Sr. No.	Name of organization	Nature of Linkage
1.	Line Departments of Government of Agriculture/ Horticulture/ Animal Husbandry/ Fishery / department	Khedutsibir, Animal health camp, Sponsored training. In-service trainings and other extension activities, technical support, Participation in meeting
2.	AKRSP (I), NGO, Dediapada	Sponsored training, Mahilasibir, technical support
3.	Main Water Management Research Unit, NAU, Navsari	Collaboration-FLD on Low-Cost Greenhouse
4.	Research Stations, NAU	Participation-Farmers day, Seed-FLDs, etc.
5.	FTC, Rajpipla	Experts lectures
6.	Missionary – NGO	Sponsored training programme, extension activities
7.	Integrated Child Development Services	Organizing In-service training for Anganwadi workers & Technical guest lecture for ICDS Training Centre.
8.	Navsari Agricultural University, Navsari	For Technical products, technical guidance and supports.
9.	Ananad Agricultural University, Anand	For Technical guidance and FLDs input
10.	Junagadh Agricultural University, Junagadh	For Technical guidance and FLDs input
11.	Reliance foundation, Netrang	For Trainings, extension activities and Self Employment training, seed mela

12.	Integrated water shed management programme, Dediapada	For Trainings, extension activities and Self Employment training
13.	Forest department, Dediapada	For Trainings, extension activities and Self Employment training
14.	Jilla ayojan vibhag, Narmada	For Trainings, extension activities and Self Employment training
15.	Prayojana vahivatdar kacheri, Rajpipla	For Trainings, extension activities and Self Employment training
16	GSFC, Dediapada	For Trainings, extension activities and Self Employment training
17	GNFC, Dediapada	For Trainings, extension activities and Self Employment training
18	Fodder research centre, Dhamrod	For Trainings, extension activities and Self Employment training
20	Salinity research centre, Bharuch	For Trainings, extension activities and Self Employment training
21	District Industries Center, Narmada	For Trainings, extension activities and Self Employment training
22	Indrekasanshthan, Dediapada	For Trainings, extension activities and Self Employment training
23	Fisheries department, Dediapada	For Trainings, extension activities and Self Employment training
24	NABARD Bank, Rajpipla	For Trainings, extension activities and Self Employment training
25	Swarojgar gramin bank, Rajpipla	For Trainings, extension activities and Self Employment training

6.2. Details of linkage with ATMA

Sr. No.	Programme	Nature of linkage
1	Trainings	Technical support, Experts lectures, extension activity etc.,
2	Farm school	Technical support, Experts lectures, extension activity etc.,
3	Kissan goshthi	Technical support, Experts lectures, extension activity etc.,
4	Krushi mela cum exhibition	Technical support, Experts lectures, extension activity etc.,
5	AGB meeting	Discussion for Annual Action plan
6	Quarterly meeting	Discussion Quarterly progress report and action plan

6.3. Give details of programmes under National Horticultural Mission: NIL

S. No.	Programme	Nature of linkage
1.	-	-

6.4. Nature of linkage with National Fisheries Development Board: NIL

S. No.	Programme	Nature of linkage
1.	-	-

6.5. Additional Activities planned including sponsored projects (NARI/DAESI/DAMU/ DFI/PKVY/ Skill Trainings/TSP/KKA/Seed Hub on Pulses, etc.) schemes during 2021, if involved.

6.5.1 Details of activities planned under DAMU

Programme	Names of villages selected	Activities planned in briefs	No. of families to be covered
Farmer Awareness Program	Thapavi, Vanji, Jamani, Soliya, Taka, Zalodi, Gajargota, Kothari, Naal, Timarva, Zarvani	We organised on & off campus FAP to make awareness in farming community about GKMS project and Discussion about Weather forecasting and agro advisory and its effect on day to day agricultural operation. Popularization of Meghdoot & Damini Mobile app.	450
Prepare AAS bulletin	All Blocks	Agro-met Advisories are being prepared on every Tuesday and Friday through given forecast and disseminate to the farming community and submitted to concerned officers to forward their group of farmers as well as staff members in English & local language.	1826
Guest lecture	All blocks	Gave the information related to role of weather parameter in agriculture. Meghdoot & Damini mobile application, how to operate them, their usefulness in agriculture.	200

6.5.2 Details of activities planned under NICRA.

Training programmes

Sr. No.	Activity	Target		Total
		On campus	Off campus	
1	**Training programme**	**8**	**8**	**16**
2	**Vocational training**	**01**	**01**	**2**

FLD									
S. N.	**Crop/ implements/ animals/**	**Variety / breed**	**Thematic area**	**Technology / input demonstration**	**Season and year**	**Area (ha)**	**No. of farmers**	**Parameters identified**	**Cost of input /RS**
1	Paddy	-	Drudgery reduction	Paddy thresher with winnowing fan	Kharif-2022	-	2	Ergonomics drudgery reduction parameters like physical hazards, muscle, stress, fatigue etc.	70,000
2	Cotton /pigeon pea	-		Stalk puller		-	15		15,000
3	Paddy / vegetables	-		twin wheel hoe					30,000
4	Power tiller	-		Power tiller	-	-	15		200000
5	Vegetables	-	Vegetables	Rack (Punjethi)	Kharif-2022				10,000
6	Indian bean	GNIB-22	ICM	Improved variety	Late Kharif-2022	-	1	Yield Q/ha Increased yield (%) B:C ratio	25000
7	Mango	KESAR/SONPARI	Varietal	Improved variety	Kharif 2022	-	20		25000
8	Cheeku	KALIPATTI	Varietal	Improved variety	Kharif-2022	10	25		15,000

9	Drumstick	PKM-1	Varietal	Improved variety	Kharif-2022	15 to each farmer	20		15,000
10	Kitchen garden	Seeds & seedlings of vegetables	Nutrition & Health management	Improved variety	Kharif-2022	10 to each farmer	10		15,000/
11	Cow / Buffelo		-	Rubber Cow mat	-		25	Comfort	75,000
12	Goat	Surati	-	Goat	Kharif - 2022	5	20	Breed improve	10500
13	Pigeon pea	BDN-711 / GT-104	ICM	Improved variety	Kharif - 2022	30	75	Yield Q/ha Increased yield (%) B:C ratio	65000
14	Chickpea	GJG-5	ICM		Rabi – 2022-23	-	50		90000
15	Green gram	GM-6	ICM		Summer - 2023	30	75		100000
16	Soybean	NRC-37 / KDS-344	ICM		Kharif - 2022	30	75		100000
17	Paddy (Drilled)	Purna/Tapi	Varietal			10	25		25000
18	Paddy (T.P.)	GNR-6 / GRH-2 / GAR-13	Varietal			30	75		50000
19	Cotton	Bt. H-8	Varietal			20	50		75000
20	Cotton	Bt. H-10	IPM	Pheromone trap with lures, Neem based pesticides, B. bassiana Acetamiprid.	Kharif - 2022	6	16	Mean population / plant Yield Q/ha Increased yield (%), B:C ratio	48000

6.5.3. Details of activities planned in Doubling Farmers' Income (DFI) villages

Name of DFI village selected	Total No. of families in the village	Interventions planned during 2022	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)
Almawadi	400	• Varietal replacement • Production technology of major crops especially INM • Eco-friendly plant protection measures • Water conservation • Arid horticulture • Dairy management through feeding, housing and Health management • Drudgery reduction • Women empowerment	125	35,000/- to 60,000/-	45,000/- to 85,000/-
Soliya	414		133	35,000/- to 60,000/-	45,000/- to 85,000/-

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

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

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

Sr. No.	Name of the village	Activities planned	No. of families to be covered
1.	Vandari	FLDs, Trainings, Extension activities etc.	25
2.	Mathasar	FLDs, Trainings, Extension activities etc.	25
3.	Vedachha	FLDs, Trainings, Extension activities etc.	25
4.	Anadu	FLDs, Trainings, Extension activities etc.	25

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

Sr. No.	Name of Job Role	Duration (No. of hours)	No. of participants
1.	Mushroom Grower	200	25
2.	Small Poultry Framers	200	25

6.5.7. Details of activities planned under TSP: N.A (As all activities will be under TSP)

Sr. No.	Name of the village	Activities planned	No. of families to be covered
1.	-	-	-

6.5.8. Details of activities planned under Krishi Kalyan Abhiyan (KKA)

Sr. No.	Name of the village	Activities planned	No. of families to be covered
1.	Almavadi, Soliya, Nani bedvan, Jamni, Kheripada, Panch pipari and Baktura,	Training, FLDs, Field day, Scientific field visit etc. and other extension activities	300

6.5.9. Details of seed production planned under Seed Hub on Pulses: NA

Sr. No.	Name of the crop	Variety	Stage (Foundation / Certified)	Quantity of seed to be produced (q)
1.	-	-	-	-
			Total	

6.6. Activities planned in respect of FPOs / FPCs

1. No. of FPOs / FPCs to be formed: One
2. No. of existing FPOs / FPCs to be facilitated: 02
3. Type of support to be provided to existing FPOs / FPCs:

No. of new FPOs / FPCs to be formed (No. members)	No. of already formed FPOs / FPCs if any with major commodities (No. of members)	Type of support to be provided by KVK
-	1. The Dediapada Vibhag Adivasi Khedut Vividhlaxi kharid vechan Mandali 2. The Nandod Vibhag Adivasi Khedut Vividhlaxi kharid vechan Mandali	A technical support to FPO

6.7. Activities planned in respect of developing Integrated Farming System (IFS) Models on farmers' fields during 2021: IFS module is under observation

Name of adopted village	No. of IFS models identified/ developed	Major components and area of IFS models
Vedacha,& Karatha Ta – Dediapada, District – Narmada	**1**	**1. Crop** **2. Animal Hus.** **3. Goat Farming** **4. Fishery**

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

Sr. No.	Name of the department / Agency	Type of convergence	Area (ha) / No. of farmers to be benefited
1.	Line Departments of Government of Agriculture/ Horticulture/ Animal Husbandry/ Fishery / department	Technical guidance and Organization of various programmes	1200
2.	AKRSP (I), NGO, Dediapada		300
3.	Main Water Management Research Unit, NAU, Navsari		100
4.	Research Stations, NAU		100
5.	FTC, Rajpipla		500
6.	Missionary – NGO		500
7.	Integrated Child Development Services		250
8.	Navsari Agricultural University, Navsari		500
9.	Ananad Agricultural University, Anand		300
10.	Junagadh Agricultural University, Junagadh		200
11.	Reliance foundation, Netrang		300
12.	Integrated water shed management programme, Dediapada		300
13.	Forest department, Dediapada		300
14.	Jilla ayojan vibhag narmada		100

15.	Prayojana vahivatdar kacheri, Rajpipla		100
16	GSFC, Dediapada		100
17	GNFC, Dediapada		200
18	Fodder research Centre, Dhamrod		100
20	Salinity research Centre, Bharuch		100
21	District Industries Center, Narmada		100
22	Indreka sanshthan, Dediapada		100
23	Fisheries department, Dediapada		200
24	NABARD Bank, Rajpipla		100
25	Swarojgar gramin bank, Rajpipla		100

8. Innovator Farmer's Meet 2021

Sl. No.	Particulars	Details	Expected No. of participants
1.	Khedut Shibir for Farm innovators were organized	October - 2022	50

9. Utilization of hostel facilities

Sr. No.	Month	No. of days to be utilized
1.	January	25
2.	February	25
3.	August	25
4.	September	25
5.	November	25
	Total	**125**

10. Details of online activities planned (If any)

Sr. 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	125
2.	Farmers scientist's interaction programme	08	Video conferencing / Audio Conferencing	160
3.	Farmers seminars	04	Video conferencing	120

4.	Expert lectures	15	Video conferencing / Audio Conferencing	400
5.	Any other (Pl. specify)			

11. Details of collaborative applied research projects planned if any

Name of the scheme	**Date/ Month of initiation**	**Funding agency**	**Major activities planned**	**Amount (Rs. In Lakhs)**
Agriculture Research Station	2010	State	Research, Training, FLDs, Field day, Scientific field visit etc. and other extension activities	36.41
Niche crops (Pulse)	2010	State		03.00
Niche crops (Paddy)	2010	State		02.00
Niche crops (Sorghum)	2010	State		01.50
Tribal women training center	2011	State		28.82
Adaptive trial scheme	2012	State		08.50
DAMU	2018-19	ICAR		-
NICRA	2021	ICAR		3.90

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										
1 to 4-7-2022	PF/FW	Weed management in kharif crop	4	20	10	30	20	10	30	30
5 to 9-8-2022	PF/FW	Integrated Farming	4	20	10	30	20	10	30	30
17 to 20-8-2022	PF/FW	Integrated crop Management	4	20	10	30	20	10	30	30
1 to 4-9-2022	PF/FW	Production and use of organic inputs	4	20	10	30	20	10	30	30
Horticulture										
9 to 12-3-2022	PF/FW	Off-season vegetables	4	20	10	30	20	10	30	30
10 to 13-4-2022	PF/FW	Protective cultivation (Green House, Shade Net etc.	4	20	10	30	20	10	30	30
18 to 21-5-2022	PF/FW	Cultivation of fruit	4	20	10	30	20	10	30	30
2 to 5-6-2022	PF/FW	Management of young plants/orchards	4	20	10	30	20	10	30	30
16-to19-7-2022	PF/FW	Production and Management technology	4	20	10	30	20	10	30	30
23 to 26-9-2022	PF/FW	Nursery Management of vegetable crop	4	20	10	30	20	10	30	30
Livestock production										
2 to 5-6-2022	PF/FW	Dairy Management	4	20	10	30	20	10	30	30
16-to19-7-2022	PF/FW	Poultry Management	4	20	10	30	20	10	30	30
23 to 26-9-2022	PF/FW	Goat Management	4	20	10	30	20	10	30	30
10 to13-10-2022	PF/FW	Health care and Disease Management	4	20	10	30	20	10	30	30

22 to 25-10-2022	PF/FW	Feed Management	4	20	10	30	20	10	30	30
8 to 11-11-2022	PF/FW	Production of quality animal production	4	20	10	30	20	10	30	30
Agril. Engineering										
-	PF	-	-	-	-	-	-	-	-	-
-	PF	-	-	-	-	-	-	-	-	-
-	PF	-	-	-	-	-	-	-	-	-
Home Science										
4 to 7-6-2022	PF/FW	Household food security by kitchen gardening and nutrition gardening	4	20	10	30	20	10	30	30
12 to 15-6-2022	PF/FW	Design and development of low/minimum cost diet	4	20	10	30	20	10	30	30
9 to 12-7-2022	PF/FW	Value addition in fruits and vegetables	4	20	10	30	20	10	30	30
20 to 23-7-2022	PF/FW	Location specific drudgery reduction technology	4	20	10	30	20	10	30	30
8 to 11-10-2022	PF/FW	Rural art/craft preparation from natural fibre	4	20	10	30	20	10	30	30
11 to 14-11-2022	PF/FW	Women and child care	4	20	10	30	20	10	30	30
Plan protection										
14 to 17-7-2022	PF/FW	Integrated Disease Management in kharif crops	4	20	10	30	20	10	30	30
25 to 30-7-2022	PF/FW	Integrated Pest Management in kharif crops	4	20	10	30	20	10	30	30
24 to 27-9-2022	PF/FW	Integrated Disease Management in rabi/summer crops	4	20	10	30	20	10	30	30
15 to 18-10-2022	PF/FW	Integrated Pest Management in rabi/summer crops	4	20	10	30	20	10	30	30
1 to 4-11-2022	PF/FW	Bio-control of pests and diseases	4	20	10	30	20	10	30	30
21 to 24-11-2022	PF/FW	Production of bio control agents and bio pesticides	4	20	10	30	20	10	30	30
Fisheries										
-	PF	-	-	-	-	-	-	-	-	-
-	PF	-	-	-	-	-	-	-	-	-
-	PF	-	-	-	-	-	-	-	-	-

-	PF	-	-	-	-	-	-	-	-	-
-	PF	-	-	-	-	-	-	-	-	-
Extension education										
5 to 8-5-2022	PF/FW	Leadership development	4	20	10	30	20	10	30	30
24 to 27-9-2022	PF/FW	Formation and Management of SHGs	4	20	10	30	20	10	30	30
15 to 18-10-2022	PF/FW	Mobilization of social capital	4	20	10	30	20	10	30	30
2 to 5-9-2022	PF/FW	Entrepreneurial development of farmers/youths	4	20	10	30	20	10	30	30

ii) 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										
4 to 7-8-2022	PF/FW	Weed management in rabi crops	1	25	25	50	25	25	50	50
16 to 19-9-2022	PF/FW	Resource Conservation Technologies	1	25	25	50	25	25	50	50
1 to 4-10-2022	PF/FW	Cropping Systems	1	25	25	50	25	25	50	50
10 to 13-10-2022	PF/FW	Integrated Farming	1	25	25	50	25	25	50	50
17 to 20-10-2022	PF/FW	Integrated Crop Management	1	25	25	50	25	25	50	50
19 to 21-12-2022	PF/FW	Use and Production of organic inputs	1	25	25	50	25	25	50	50
Horticulture										
19 to 21-3-2022	PF/FW	Nursery raising	1	25	25	50	25	25	50	50
1 to 4-4-2022	PF/FW	Exotic vegetables	1	25	25	50	25	25	50	50
20 to 23-4-2022	PF/FW	Export potential vegetables	1	25	25	50	25	25	50	50

15 to 18-5-2022	PF/FW	Scientific Cultivation in mango	1	25	25	50	25	25	50	50
17 to 20-6-2022	PF/FW	Export potential fruits	1	25	25	50	25	25	50	50
12 to 15-7-2022	PF/FW	Plant propagation techniques	1	25	25	50	25	25	50	50
4 to 7-8-2022	PF/FW	Nursery Management	1	25	25	50	25	25	50	50
14 to 17-10-2022	PF/FW	Nursery management of medicinal and aromatic in polyhouse	1	25	25	50	25	25	50	50
Soil Health and Fertility Management										
4 to 7-9-2022	PF/FW	Integrated Nutrient Management	1	25	25	50	25	25	50	50
14 to 17-10-2022	PF/FW	Soil and Water testing	1	25	25	50	25	25	50	50
Live Stock Production.										
4 to 7-8-2022	PF/FW	Dairy management and Clean milk production	1	25	25	50	25	25	50	50
15 to 18-8-2022	PF/FW	Poultry Management	1	25	25	50	25	25	50	50
25 to 28-9-2022	PF/FW	Goat Management	1	25	25	50	25	25	50	50
1 to 4-10-2022	PF/FW	Health care and Disease Management in goat	1	25	25	50	25	25	50	50
13 to 16-10-2022	PF/FW	Health care and Disease Management in poultry	1	25	25	50	25	25	50	50
19 to 21-11-2022	PF/FW	Animal Nutrition Management	1	25	25	50	25	25	50	50
26 to 29-11-2022	PF/FW	Feed & fodder technology	1	25	25	50	25	25	50	50
4 to 7-12-2022	PF/FW	Production of quality animal products	1	25	25	50	25	25	50	50
Agril. Engg.										
-	PF	-	-	-	-	-	-	-	-	-
-	PF	-	-	-	-	-	-	-	-	-

-	PF	-	-	-	-	-	-	-	-	-
-	PF	-	-	-	-	-	-	-	-	-
-	PF	-	-	-	-	-	-	-	-	-
Home Sc.										
13 to 16-3-2022	PF/FW	Gender mainstreaming through SHGs	1	25	25	50	25	25	50	50
14 to 17-3-2022	PF/FW	Value addition and fruit preservation	1	25	25	50	25	25	50	50
1 to 4-4-2022	PF/FW	Location specific drudgery reduction technologies	1	25	25	50	25	25	50	50
26 to 29-5-2022	PF/FW	Minimization of nutrient loss during processing/cooking	1	25	25	50	25	25	50	50
27 to 30-5-2022	PF/FW	Nutritional security through kitchen gardening	1	25	25	50	25	25	50	50
4 to 7-6-2022	PF/FW	Women empowerment	1	25	25	50	25	25	50	50
25 to 28-8-2022	PF/FW	Women and child care	1	25	25	50	25	25	50	50
26 to 29-8-2022	PF/FW	Design and development of nutritious diets from millets	1	25	25	50	25	25	50	50
Plant Protection										
13 to 16-3-2022	PF/FW	Integrated Pest Management	1	25	25	50	25	25	50	50
20to 23-3-2022	PF/FW	Integrated insect pests management in cotton	1	25	25	50	25	25	50	50
1 to 4-4-2022	PF/FW	Integrated disease management of rabi crops	1	25	25	50	25	25	50	50
26 to 29-5-2022	PF/FW	Integrated Disease Management	1	25	25	50	25	25	50	50
4 to 7-6-2022	PF/FW	Production of bio control agents and bio pesticides	1	25	25	50	25	25	50	50
18 to 21-8-2022	PF/FW	Production of bio control agents and bio pesticides	1	25	25	50	25	25	50	50
25 to 28-8-2022	PF/FW	Bio-control of pests and diseases	1	25	25	50	25	25	50	50
9 to 12-9-2022	PF/FW	Bio control of crop pests - Conservation of natural enemies	1	25	25	50	25	25	50	50

Fisheries										
-	PF	-	-	-	-	-	-	-	-	-
-	PF	-	-	-	-	-	-	-	-	-
Production of Inputs at site										
26 to 29-5-2022	PF/FW	Vermi-compost production (Hort.)	1	25	25	50	25	25	50	50
4 to 7-6-2022	PF/FW	Organic manures production (A.S.)	1	25	25	50	25	25	50	50
Extension education										
13 to 16-3-2022	PF/FW	Leadership development	1	25	25	50	25	25	50	50
26 to 29-5-2022	PF/FW	Group dynamics	1	25	25	50	25	25	50	50
4 to 7-8-2022	PF/FW	Formation and Management of SHGs (HS)	1	25	25	50	25	25	50	50
5 to 11-8-2022	PF/FW	Entrepreneurial development of youths (Agro.)	1	25	25	50	25	25	50	50
Agro-forestry										
26 to 29-5-22	PF/FW	Integrated Farming Systems (Agro.)	1	25	25	50	25	25	50	50

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	
Mushroom unit	Income generation by imparting skill training.	Low cost Mushroom cultivation	Feb.	4	20	05	25	20	05	25	25
Product development	Income generation by imparting skill training.	Nutritious product development through millets	Mar.	4	20	05	25	20	05	25	25
Small scale Processing	Income generation by imparting skill training.	Processing of pigeon pea and moong	Jan.	4	20	05	25	20	05	25	25
Goat rearing	Entrepreneurship development	Goat rearing	Oct.	4	20	05	25	20	05	25	25

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration (days)	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
09-05-22	PF	Integrated Pest Management	1	00	30	30	00	30	30	30
13-07-22	PF	Integrated Nutrient management	1	30	00	30	30	00	30	30
16-09-2022	PF	Household food security	1	00	20	20	0	20	20	20
23-10-2022	PF	Women and Child care	1	00	30	30	0	30	30	30

iv) Sponsored programmes

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
a) Sponsored training programme											
1	ATMA, reliance Foundation, AKRSP, TSP-NAU	-	Scientific cultivation of various Crops, Integrated disease and Pest management of crops, Value addition	20	300	150	450	300	150	450	450
			Total	**20**	**300**	**150**	**450**	**300**	**150**	**450**	**450**
b) Sponsored research programme											
			Total								
c) Any special programmes											
			Total								

Annexure - II

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

S. No.	Particulars	Proposed BE 2021-22 (Rs.)
1	**Recurring Contingencies**	
1.1	**Pay & Allowances**	**111.95**
1.2	**Traveling allowances**	**01.00**
1.3	**Contingencies**	
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	**28.50**
B	POL, repair of vehicles, tractor and equipments	
C	Meals/refreshment for trainees (ceiling upto Rs.150/day/trainee be maintained)	
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	
	TOTAL Recurring Contingencies	**112.95**
2	**Non-Recurring Contingencies**	
2.1	**Works (Shed and Boundary)**	**50.50**
2.2	**Equipments/implements etc (Tractor)**	**12.00**
2.3	**Vehicle** (Four-wheeler/Two-wheeler, please specify)	**0.00**
2.4	**Library** (Purchase of assets like books & journals)	**0.00**
	TOTAL Non-Recurring Contingencies	**62.50**
3	**REVOLVING FUND**	**0.00**
	GRAND TOTAL	**175.45**