

## Action Plan (January 2021 to December 2021)

### 1. TECHNICAL PROGRAMME

#### 1.1. A. Details of targeted mandatory activities by KVK

OFT		FLD	
(1)		(2)	
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers
4	21	26.00	80

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
50	1276	126	541641

Seed Production (Qtl.)			Planting material (Nos.)	Fish seed prod. (No's)	Soil Samples
(5)			(6)	(7)	(8)
Crop	Qua.(KG)		250	-	15
Groundnut	GJG-32	20			
Black gram	GU-2	08			
Chickpea	GG-5	10			
Cumin	GC-4	12			
Ajwain	GA-2	05			
Onion	GWO-3	01			

### 1.1. B. Operational areas details proposed during 2021

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	Bt. cotton	Sucking pest Para witting Pink ball worm	80 % by sucking pest, 10 % by para wilt and 70 % by pink ball worm was affected out of total cultivable area	Halvad, Tankara, Wankaner, Morbi blocks	FLD on pink ball worm management.
					Training on pink ball worm management
2	Groundnut	White grub Stem rot Leaf spot	30 % by white grub and 30 % by stem rot and 80% leaf spot was affected out of total cultivable area	Tankara, Halvad blocks	OFT on white grubs management in G'nut. Training on test and Disease management in groundnut.
3.	Cumin	Wilt Blight Sucking pests	25 % by wilt, 30 % by blight and 90 % by Sucking pests was affected out of total cultivable area	Morbi, Halvad, Maliya blocks	FLD will be conducted for identified problems.

\* Support with problem-cause and interventions diagram

### 1.2. Technologies to be assessed and refined

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

Thematic areas	Cereals	Oil Seeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation Crops	Tuber Crops	TOTAL
Integrated Pest Management	-	1	-	-	-	-	-	-	-	1
Integrated Disease Management	-	-	-	1	-	-	-	-	-	1
<b>TOTAL</b>	-	1	-	1	-	-	-	-	-	2

**B. Details of On Farm Trials/ Technology Assessment proposed during 2021**

No.	Crop/enterprise	Prioritized problem	Title of OFT	Technology options	Source of Technology	Name of critical input	Qty per trial	Cost per trial (Rs)	No. of trials	Total cost for the intervention (Rs.)	Parameters to be studied	Team member
1	Groundnut	Low yield due to infestation of white grub	Management of white grub in groundnut	<p>Sowing of groundnut without seed treatment. Farmers adopt drenching of chlorpyrifos or quinalphos @ 6 lit/ha with irrigation at initiation of pest incidence. (Farmers Practice).</p> <p>Seed treatment with chlorphyriphos 20ec @ 25 ml/kg seed. (GAU Reco.)</p> <p>Soil application of <i>metarhizium anisoplii</i> @ 5 kg/ha with 300 kg/ha castor cake at the time of sowing</p>	GAU & JAU	Chlorpyrifos for seed treatment	2 liter	2000/-	3	6000/-	1) Yield 2) No. of infested plant in 1 sq.mt. area at 75 days after sowing , BC Ratio	D. A. Saradava & Dr. H. D. Mehta
2	Sesame	Low yield of sesame in summer	Assessment of new variety of sesame	<p>G Til - 2 or Local (Farmer Practice).</p> <p>G Til – 3 (JAU Recommendation for summer)</p> <p>G Til – 5 (JAU Recommendation for summer)</p>	JAU	Sesame Seed G Til-3 & G Til-5	2 Kg	300/-	5	1500/-	1) Yield 2) No. capsules/ plant 3)Branches/plant 4) B:C Ratio	Dr. L. L. Jivani

3		Lack of knowledge about phase preservation (damage during storage about 30 to 45 percent)	Preservation techniques of different pulses with organic method	Use of neem leaves	IRRI-2011	1) Neem leaves 2) Castor Oil 3) Airtight plastic bag 4) Different pulses	1) 50 gm dry leaves/50 gm food grain 2) 1 kg castor oil/100 kg food grain 3) 1 Kg of each pulse	200/-	10	2000/-	Quality of stored grain damage percentages after 60 , 90 & 180 days	Dr. H. D. Mehta
				Use of castor oil								
				Airtight plastic bag								
				Preservation without any treatment								
4	cumin	Fifteen to twenty percent yield reduction in due to blight disease	Minimize the disease intensity through line sowing in cumin crop	Sowing of cumin with broad casting method (Farmer practice)	JAU	Seed of cumin GC-4	6 kg	1200/-	3	3600/-	1) Yield 2) Percentage of incidence of blight disease in 1 sq.mt. area at 75 days after sowing and BC ratio	D. A. Saradva & Dr. L. L. Jivani
				Sowing of cumin at 30cm distance between two rows (Recommended practices.)								
				Sowing of cumin at 15 cm distance between two rows (Intervention).								

### 1.3. Front Line Demonstrations

#### A. Details of FLDs to be organized

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	Groundnut	GJG – 32	New Variety	New variety of groundnut GJG - 32	22000/-	<i>Kharif</i> -2021	4.0	10	Yield, B:C Ratio, Farmers Perception
2	Black Gram	GU-2	New Variety	New variety of black gram GU - 2	6000/-	<i>Kharif</i> -2021	4.0	10	Yield, B:C Ratio, Farmers Perception
2	Gram	GG – 5	New Variety	New variety of gram GG - 5	22500/-	Rabi-2021	4.0	10	Yield, B:C Ratio, Farmers Perception
3	Cumin	GC – 5	New Variety	New variety of cumin GC - 5	15000/-	Rabi-2021	2.0	5	Yield & B:C Ratio , Farmers Perception
4	Kitchen Gardening	Five Major Vegetable Crops	New Improved Variety	New variety of different vegetable crops	2500/	Rabi-Summer 2021	-	15	Yield, B:C Ratio, Farmers Perception
5	Sesame	GT – 5	New Variety	New variety of Sesame GT - 5	3000/-	Summer-2021	4.0	10	Yield, B:C Ratio, Farmers Perception
6	Pearl Millet	GHB-538	New Hydride	New hybrid of Pearl millet, GHB-538	2000/	Summer-2021	2.0	5	Yield, B:C Ratio, Farmers Perception
7	Cotton	Bt. Cotton	IPM	Pink ball worm management in cotton through MDP	20000/-	<i>Kharif</i> -2021	4.0	10	Yield & Pest population / Yield, B:C ratio, Farmers perception
<b>Total</b>					<b>93000/-</b>		<b>24.00</b>	<b>75</b>	

**Sponsored Demonstrations (CFLDs on O & P / Others)**

S. No.	Crop	Variety	Season and Year	Area (ha)	No. of farmers
1	Pearl millet	GHB-1129/1236	Summer-2021	2.0	5
			Total	<b>2.0</b>	<b>5</b>

**B. Extension and Training activities under FLDs**

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	2	Aug.	50
2	Farmers Training	1	Sep.	1
3	Media coverage	1	Sep.	-
4	Training for extension functionaries(ATMA-Morbi)	1	Jul.	35

## 1.4 Training (Including the sponsor and FLD training programmes)

### A. On Campus

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		M	F	T	M	F	T	
<b>(A) Farmers &amp; Farm Women</b>								
<b>I Crop Production</b>								
Integrated Crop Management	2	44	00	44	06	00	06	<b>50</b>
<b>II Horticulture</b>								
<b>a) Vegetable Crops</b>								
Production of low volume and high value crops	2	41	04	45	04	01	05	<b>50</b>
Nursery raising	1	20	04	24	00	01	01	<b>25</b>
<b>III Soil Health and Fertility Management</b>								
Nutrient Use Efficiency	1	22	00	22	03	00	03	<b>25</b>
<b>V Home Science/Women empowerment</b>								
Household food security by kitchen gardening and nutrition gardening	1	00	22	22	00	03	03	<b>25</b>
Designing and development for high nutrient efficiency diet	1	00	22	22	00	03	03	<b>25</b>
Value addition	1	00	22	22	00	03	03	<b>25</b>
Income generation activities for empowerment of rural Women	2	00	44	44	00	06	06	<b>50</b>
<b>VII Plant Protection</b>								
Integrated Pest Management	2	44	00	44	06	00	06	<b>50</b>
Integrated Disease Management	4	91	00	91	09	00	09	<b>100</b>
<b>TOTAL</b>	<b>17</b>	<b>262</b>	<b>118</b>	<b>380</b>	<b>28</b>	<b>17</b>	<b>45</b>	<b>425</b>
<b>(B) RURAL YOUTH</b>								
<b>TOTAL</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>
<b>(C) EXTENSION PERSONNEL</b>								
Integrated Pest Management	1	34	03	37	03	00	03	<b>40</b>
Integrated Nutrient management	1	30	03	33	03	00	03	<b>36</b>
<b>TOTAL</b>	<b>2</b>	<b>64</b>	<b>06</b>	<b>70</b>	<b>06</b>	<b>00</b>	<b>06</b>	<b>76</b>
<b>GRAND TOTAL (A+B+C)</b>	<b>19</b>	<b>326</b>	<b>124</b>	<b>450</b>	<b>34</b>	<b>17</b>	<b>51</b>	<b>501</b>

**B. Off Campus**

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		M	F	T	M	F	T	
<b>(A) Farmers &amp; Farm Women</b>								
<b>I Crop Production</b>								
Resource Conservation Technologies	1	22	01	23	02	00	02	<b>25</b>
Integrated Crop Management	4	87	02	89	11	00	11	<b>100</b>
<b>II Horticulture</b>								
<b>a) Vegetable Crops</b>								
Production of low volume and high value crops	2	24	23	47	01	02	03	<b>50</b>
Nursery raising	1	21	01	22	02	01	03	<b>25</b>
<b>III Soil Health and Fertility Management</b>								
Integrated Nutrient Management	1	22	01	23	02	00	02	<b>25</b>
Soil and Water Testing	1	22	00	22	03	00	03	<b>25</b>
<b>V Home Science/Women empowerment</b>								
Designing and development for high nutrient efficiency diet	2	00	44	44	00	06	06	<b>50</b>
Value addition	2	00	44	44	00	06	06	<b>50</b>
Income generation activities for empowerment of rural Women	2	00	44	44	00	06	06	<b>50</b>
Rural Crafts	1	00	20	20	00	05	05	<b>25</b>
Women and child care	3	00	66	66	00	09	09	<b>75</b>
<b>VII Plant Protection</b>								
Integrated Pest Management	5	110	04	114	11	00	11	<b>125</b>
Integrated Disease Management	5	117	02	119	06	00	06	<b>125</b>
Bio-control of pests and diseases	1	22	00	22	03	00	03	<b>25</b>
<b>TOTAL</b>	<b>31</b>	<b>447</b>	<b>252</b>	<b>699</b>	<b>41</b>	<b>35</b>	<b>76</b>	<b>775</b>
<b>(B) RURAL YOUTH</b>								
<b>TOTAL</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>
<b>(C) EXTENSION PERSONNEL</b>								
<b>TOTAL</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>
<b>GRAND TOTAL(A+B+C)</b>	<b>31</b>	<b>447</b>	<b>252</b>	<b>699</b>	<b>41</b>	<b>35</b>	<b>76</b>	<b>775</b>



**C. Consolidated table (On and Off Campus)**

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		M	F	T	M	F	T	
<b>(A) Farmers &amp; Farm Women</b>								
<b>I Crop Production</b>								
Resource Conservation Technologies	1	22	01	23	02	00	02	<b>25</b>
Integrated Crop Management	6	131	02	133	17	00	17	<b>150</b>
<b>II Horticulture</b>								
<b>a) Vegetable Crops</b>								
Production of low volume and high value crops	4	65	27	92	05	03	08	<b>100</b>
Nursery raising	2	41	05	46	02	02	04	<b>50</b>
<b>III Soil Health and Fertility Management</b>								
Integrated Nutrient Management	1	22	01	23	02	00	02	<b>25</b>
Nutrient Use Efficiency	1	22	00	22	03	00	03	<b>25</b>
Soil and Water Testing	1	22	00	22	03	00	03	<b>25</b>
<b>V Home Science/Women empowerment</b>								
Household food security by kitchen gardening and nutrition gardening	1	00	22	22	00	03	03	<b>25</b>
Designing and development for high nutrient efficiency diet	3	00	66	66	00	09	09	<b>75</b>
Value addition	3	00	66	66	00	09	09	<b>75</b>
Income generation activities for empowerment of rural Women	4	00	88	88	00	12	12	<b>100</b>
Rural Crafts	1	00	20	20	00	05	05	<b>25</b>
Women and child care	3	00	66	66	00	09	09	<b>75</b>
<b>VII Plant Protection</b>								
Integrated Pest Management	7	154	04	158	17	00	17	<b>175</b>
Integrated Disease Management	9	208	02	210	15	00	15	<b>225</b>
Bio-control of pests and diseases	1	22	00	22	03	00	03	<b>25</b>
<b>TOTAL</b>	<b>48</b>	<b>709</b>	<b>370</b>	<b>1079</b>	<b>69</b>	<b>52</b>	<b>121</b>	<b>1200</b>
<b>(B) RURAL YOUTH</b>								
<b>TOTAL</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>	<b>00</b>
<b>(C) EXTENSION PERSONNEL</b>								
Integrated Pest Management	1	34	03	37	03	00	03	<b>40</b>
Integrated Nutrient management	1	30	03	33	03	00	03	<b>36</b>
<b>TOTAL</b>	<b>2</b>	<b>64</b>	<b>06</b>	<b>70</b>	<b>06</b>	<b>00</b>	<b>06</b>	<b>76</b>
<b>GRAND TOTAL(A+B+C)</b>	<b>50</b>	<b>773</b>	<b>376</b>	<b>1149</b>	<b>75</b>	<b>52</b>	<b>127</b>	<b>1276</b>

### 1.5 Extension Activities

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		M	F	T	M	F	T	M	F	T
Field Day	02	42	6	48	2	-	02	48	2	50
KisanMela	01	500	100	600	30	03	33	530	103	633
Kisan Goshti	12	55	45	100	11	08	19	66	53	119
Exhibition	01	110	45	115	20	20	40	130	65	195
Film Show	21	300	100	400	-	-	-	300	100	400
Farmers Seminar	-	-	-	-	-	-	-	-	-	-
Workshop	-	-	-	-	-	-	-	-	-	-
Group meetings	15	55	11	66	05	03	08	60	14	74
Lectures delivered as resource persons	15	-	-	-	-	-	-	-	-	-
Newspaper coverage	04	-	-	-	-	-	-	-	-	-
Radio talks	02	-	-	-	-	-	-	-	-	-
TV talks	01	-	-	-	-	-	-	-	-	-
Popular articles	15	-	-	-	-	-	-	-	-	540000
Extension Literature	06	-	-	-	-	-	-	-	-	-
<b>Advisory Services</b>										
Scientific visit to farmers field	10	-	-	-	-	-	-	-	-	-
Farmers visit to KVK	07	-	-	-	-	-	-	-	-	-
Diagnostic visits	04	-	-	-	-	-	-	-	-	-
Exposure visits	-	-	-	-	-	-	-	-	-	-
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-
Soil health Camp	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	01	-	-	-	-	-	-	-	-	-
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-
MahilaMandals Conveners meetings	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)	07	77	23	100	50	20	70	127	43	170
KrishiMohostva	01	-	-	-	-	-	-	-	-	-
KrishiRath	01	-	-	-	-	-	-	-	-	-
Pre Kharif Workshop	-	-	-	-	-	-	-	-	-	-
Pre Rabi Workshop	-	-	-	-	-	-	-	-	-	-
PPVFRA Workshop	-	-	-	-	-	-	-	-	-	-
Any Other (Specify)	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>126</b>	<b>1139</b>	<b>330</b>	<b>1429</b>	<b>118</b>	<b>54</b>	<b>172</b>	<b>1261</b>	<b>380</b>	<b>541641</b>

## 1.6. Target for Production and supply of Technological products

### SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
<b>OILSEEDS</b>	Groundnut	GJG-32	20
<b>PULSESES</b>	Black gram	GU-2	08
	Chickpea	GG-5	10
<b>OTHERS (Specify)</b>	Cumin	GC-4	12
	Ajwain	GA-2	05
	Onion	GWO-3	01

### PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
<b>FRUITS</b>	Jambu	Ravni	50
<b>VEGETABLES</b>	Drum Stick	Jyoti	200

## 2. Literature to be developed / published

### Subject

- **Plant Protection** :- Phemplets – 3
- **Home Science** :- Folder – 2
- **Home Science** :- Phemplets – 3

### A. KVK News Letter

**Date of start** :- 01-01-2020

**Number of copies to be published** :- Every Three Month on JAU site

### B. Literature developed/published

Sr.No.	Topic	Number
1	Research papers	04
2	Technical reports	06
3	News letters	04
4	Training manuals	01
5	Popular articles	15
6	Extension literature	05
<b>Total</b>		<b>35</b>

### C. 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	Crop Diversification(Chilli)	February
2	Honey production	November
3	Women Empowerment	May

## 3.1. Indicate the Specific Training need Analysis Tools/Methodology followed for

**A. Practicing Farmers** - Nil

**B. Rural Youth** - Nil

**C. In-service personnel** - Nil

### **3.2. Indicate the Methodology for Identifying OFTs/FLDs**

#### **For OFT:**

- i) Field level observations
- ii) Farmer group discussions

#### **For FLD:**

- i) New variety/technology
- ii) Existing cropping system
- iii) Problems at field level

### 3.3. Field Activities

- i. Name of villages identified/adopted with block name (from which year) -2021

<b>Block</b>	<b>Villages</b>
<b>Wankaner</b>	Palas
	Panchasia
	Shekharadi
	Amarsar
	Pipaliya raj
<b>Tankara</b>	Otala
	Saraya
	Neknam
	Lakhdhirdadh
	Bhutkotda
<b>Morbi</b>	Chakampar
	Jivapar
	Kharachia
	Thorala
	Andarana

- ii. No. of farm families selected per village : 10
- iii. No. of survey/PRA conducted : One / Village
- iv. No. of technologies taken to the adopted villages: 15
- v. Name of the technologies found suitable by the farmers of the adopted villages:
- 1) White grub management in groundnut (IPM).
  - 2) Sucking pest management in cumin.
  - 3) Pink ball worm management in cotton (IPM).
  - 4) Para wilt management in cotton.
- vi. Impact (production, income, employment, area/technological– horizontal/vertical)
- To increase the production and productivity.
- To increase farm income per area.
- To reduce the cost of cultivation.
- vii. Constraints if any in the continued application of these improved technologies-No

#### 4. LINKAGES

##### 4.1. Functional linkage with different Organizations

Sl.No.	Name of organization	Nature of Linkage (pl. specify)
1	District Agriculture Office (Morbi)	Most of the Organizations are members of Scientific Advisory Committee (SAC) of KVK and have linkage with different activities of KVK viz., Training Programme, Khedut Sibir, Farmers day, Farmers fair, Film Show, Ex-training meeting and Soil health card etc.
2	Dy. Director of Agril. Extension (FTC)	
3	Dy. Director of Horticulture	
4	Dy. Director of Animal Husbandry	
5	Anandi Sanstha	
6	Shree Divya Jyoti Gram Vikas Kelavani Mandal - Morbi	
7	National Bank for Agriculture & Rural Development (NABARD)	
8	ATMA	
9	Petroleum Conservation of India	
10	District Waterside Development Unit (Morbi)	

##### 4.2. Details of linkage with ATMA

a) Is ATMA implemented in your District. Yes/No Yes

S. No.	Programme	Nature of linkage
1	Field Visit	Field visit for current field problems
2	Training	Training at village

4.3.E-linkage during 2020 :- Nil

##### 4.4. Give details of Programmes under National Horticultural Mission

S. No.	Programme	Nature of linkage
1	Training	Training at farmers field with staff of Horticulture department

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

:- DAMU

5. Convergence with Other Agencies and Departments:- Nil

##### 6. Innovator Farmer's Meet 2021

Sl.No.	Particulars	Details
1	Are you planning for conducting Farm Innovators meet in your district?	Yes/ No <b>No</b>
2	If Yes likely month of the meet	<b>No</b>
3	Brief action plan in this regard	<b>No</b>

7. Farmers Field School (FFS) Planned 2021 :- 5

8. Utilization of Hostel Facilities:- Construction work complete in Dec, 2019

**TRAINING PROGRAMME****I) On campus training (For practicing Farmers, Farm women & Rural youth)**

Date	Clientele	Title of the training programme	Duration in days	No. Of participants			Number of SC/ST			Grand Total
				M	F	T	M	F	T	
<b>1) Crop Production</b>										
January	PF	Importance and use of bio fertiliser	1	22	00	22	03	00	03	<b>25</b>
January	PF	Nutrient management in <i>summer</i> crops	1	22	00	22	03	00	03	<b>25</b>
<b>2) Horticulture</b>										
August	PF	Raising of vegetable nursery	1	20	04	24	00	01	01	<b>25</b>
October	PF	Seed production technology in vegetable crops	1	20	04	24	00	01	01	<b>25</b>
<b>3) Soil Health</b>										
January	PF	Nutrient management in <i>rabi</i> crops.	1	22	00	22	03	00	30	<b>25</b>
<b>4) Live Stock Production - Nil</b>										
<b>5) Home Science</b>										
January	FW	Skill development training- Sewing work the fall ends of the sari	1	00	22	22	00	03	03	<b>25</b>
February	FW	Knowledge about basic computer training	1	00	22	22	00	03	03	<b>25</b>
May	FW	Income generating through flower making	1	00	22	22	00	03	03	<b>25</b>
August	FW	Meal plans for a women performing hard physical work.	1	00	22	22	00	03	03	<b>25</b>
November	FW	Household food security by kitchen gardening and nutrition gardening	1	00	22	22	00	03	03	<b>25</b>
<b>6) Agri. Engineering - Nil</b>										
<b>7) Plant Protection</b>										
January	PF	Insect pest & disease management in <i>rabi</i> crops.	1	22	00	22	03	00	03	<b>25</b>
February	PF	Store grain pest and their management.	1	22	00	22	03	00	03	<b>25</b>
May	PF	Seed treatment for pest and disease management in <i>kharif</i> crops.	1	22	00	22	03	00	03	<b>25</b>
August	PF	Management of insect pest & disease in <i>kharif</i> crops.	1	22	00	22	03	00	03	<b>25</b>
October	PF	Safe and judicious use of pesticides.	1	22	00	22	03	00	03	<b>25</b>

## II) Off campus training (For practicing Farmers, Farm women & Rural youth)

Date	Clientele	Title Of The Training Programme	Duration In Days	Number Of Participants			Number Of SC/ST			Grand Total
				M	F	T	M	F	T	
<b>1) Crop Production</b>										
May	PF	Importance and criteria for organic farming	1	22	01	23	02	00	02	25
October	PF	Production technologies of <i>rabi</i> crops	1	22	00	22	03	00	03	25
April	PF	Importance of soil analysis.	1	21	01	22	03	00	03	25
<b>2) Horticulture</b>										
August	FW	Raising of vegetable nursery	1	00	23	23	00	02	02	25
January	PF	Scientific cultivation of spices crops.	1	21	2	22	02	01	03	25
<b>3) Soil Health</b>										
February	PF/FW	Importance of soil health card and soil and water testing	1	22	01	23	02	00	02	25
July	PF	Information Regarding Bio-fertilizer Application In Different Crops	1	22	00	22	03	00	03	25
<b>4) Live Stock Production - Nil</b>										
<b>5) Home Science</b>										
January	FW	Nutrition knowledge of women health.	1	00	22	22	00	03	03	25
February	FW	Income generating activity - rural craft (Skill Development)	1	00	20	20	00	05	05	25
March	FW	Iron deficiency and solution	1	00	22	22	00	03	03	25
June	FW	Malnutrition problem & solution	1	00	22	22	00	03	03	25
July	FW	Meal plan for pregnant women	1	00	22	22	00	03	03	25
August	FW	Income generating activity - rural craft or suing	1	00	22	22	00	03	03	25
September	FW	Nutrition knowledge of child care	1	00	22	22	00	03	03	25
November	FW	How to make amla candy	1	00	22	22	00	03	03	25
December	FW	How to make pomegranate juice	1	00	22	22	00	03	03	25
<b>6) Agri. Engineering - Nil</b>										
<b>7) Plan Protection</b>										
January	PF	Insect pest & disease management in <i>rabi</i> crops.	1	22	02	24	01	00	01	25
March	PF	Store grain pest and their management and precautions.	1	21	00	21	04	00	04	25
May	PF	Seed treatment for pest management in <i>kharif</i> crops.	1	23	00	23	02	00	02	25



July	PF	Integrated pest & disease management in <i>kharif</i> crops.	1	20	03	23	02	00	02	25
August	PF	Integrated insect-pest & disease management in cotton.	1	22	01	23	02	00	02	25
September	PF	Bio control of pest and disease of <i>kharif</i> crops.	1	22	00	22	03	00	03	25
October	PF	Role of predators and parasites in pest management.	1	22	00	22	03	00	03	25
November	PF	Integrated insect-pest & disease management in horticultural crops	1	25	00	25	00	00	00	25
December	PF	Pest & disease management in <i>rabi</i> crops	1	23	00	23	02	00	02	25
<b>8) Fisheries – Nil</b>										
<b>9) Production of Input at Site – Nil</b>										
<b>10) Capacity Building and Group Dynamics – Nil</b>										
<b>11) Agro-forestry – Nil</b>										
<b>12) Other (Pl. Specify) - Nil</b>										

### III) Vocational Training:- Nil

### IV) Extension Functionaries Training

Date	Clientele	Title Of The Training Programme	Duration In Days	No. Of Participants			Number Of SC/ST			Grand Total
				M	F	T	M	F	T	
<b>On Campus</b>										
June	PF	Integrated pest management in <i>kharif</i> crop	1	34	03	37	03	00	03	40
October	PF	New recommendation and package of practice of <i>rabi</i> crops	1	34	03	33	03	00	03	36

### V) Sponsored / Collaborative training with other organizations:

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	
<b>a) Sponsored Training Programme</b>											
<b>Plant protection</b>	ATMA-Morbi	PF	Safe and judicious use of insecticides for preservation of predators, parasites and honey bee.	1	23	00	23	02	00	02	25
<b>Plant protection</b>	ATMA-Staff	PF	Different IPM modules for relevant crops.	1	24	00	24	01	00	01	25
<b>Plant protection</b>	DAO-Morbi	PF	Insect & disease management through seed treatment.	1	25	00	25	00	00	00	25

<b>Horticulture</b>	ATMA-Morbi	PF	Scientific cultivation of spices crops.	1	21	00	21	04	00	04	<b>25</b>
<b>Horticulture</b>	Reliance Foundation	PF	Improved varieties and their characteristic of vegetable crops developed by SAUs	1	24	00	24	01	00	01	<b>25</b>
<b>Crop production</b>	ATMA-Morbi	PF	Nutrient management in <i>rabi</i> crop	1	22	01	23	02	00	02	<b>25</b>
<b>Crop production</b>	ATMA-Morbi	PF	Importance and use of bio fertilizer	1	22	00	22	03	00	03	<b>25</b>
<b>Home Science</b>	ATMA-Morbi	PF	Women empowerment / income generating activity	1	00	22	22	03	00	03	<b>25</b>
<b>Total</b>				<b>8</b>	<b>161</b>	<b>23</b>	<b>184</b>	<b>16</b>	<b>0</b>	<b>16</b>	<b>200</b>
<b>b) Sponsored Research Programme – Nil</b>											
<b>c) Any Special Programmes – Nil</b>											