

# ANNUAL ACTION PLAN

(January-2025 to December-2025)

OF

**KRISHI VIGYAN KENDRA  
JAMNAGAR**

**TO BE PRESENTED AT  
ANNUAL ACTION PLAN WORKSHOP OF KVKS OF JAU & NAU  
HELD AT  
NAVSARI AGRICULTURAL UNIVERSITY, NAVSARI  
on MARCH 10, 2025**

Edited/Compiled by

*Dr. K. P. Baraiya, Senior Scientist & Head*

*Smt. A. K. Baraiya, Scientist*



**KRISHI VIGYAN KENDRA  
JUNAGADH AGRICULTURAL UNIVERSITY  
JAMNAGAR - 361 006  
GUJARAT**



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# ANNUAL ACTION PLAN

## (January 2025 to December 2025)

### KRISHI VIGYAN KENDRA JUNAGADH AGRICULTURAL UNIVERSITY, JAMNAGAR

#### 1 GENERAL INFORMATION ABOUT THE KVK

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

| Address                                                                                                       | Telephone         |                   | E mail                                      | Web address |
|---------------------------------------------------------------------------------------------------------------|-------------------|-------------------|---------------------------------------------|-------------|
|                                                                                                               | Office            | FAX               |                                             |             |
| Krishi Vigyan Kendra<br>Millet Research Station, JAU<br>Air-force Road, Opp. Digjam Mill<br>Jamnagar- 361 006 | (0288)<br>2710165 | (0288)<br>2710165 | kvkjamnagar@gmail.com<br>kvkjamnagar@jau.in | www.jau.in  |

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

| Address                                                           | Telephone      |                   | E-mail     | Web address |
|-------------------------------------------------------------------|----------------|-------------------|------------|-------------|
|                                                                   | Office         | FAX               |            |             |
| Junagadh Agricultural University,<br>Junagadh – 362 001 (Gujarat) | PBX 2672080-90 | (0285)<br>2672653 | dee@jau.in | www.jau.in  |

##### 1.3. Name of the Senior Scientist & Head with phone & mobile No

| Name              | Telephone / Contact                                                                                                                           |            |                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------|
|                   | Residence                                                                                                                                     | Mobile     | Email                                       |
| Dr. K. P. Baraiya | Senior Scientist & Head<br>Krishi Vigyan Kendra<br>Junagadh Agricultural University,<br>Air-force Road, Opp. Digjam Mill<br>Jamnagar- 361 006 | 9427980032 | kvkjamnagar@gmail.com<br>kvkjamnagar@jau.in |

##### 1.4. Year of sanction:

ZARS (KVK) 2001, Letter No.F.No. 18(4)/99-NATP Dated October 31<sup>st</sup>, 2001

ICAR (KVK) 2004, Letter No.F.No. 8(1)/2002-AE-II(Pt.) Dated February 5<sup>th</sup>, 2004

##### 1.5. Staff Position (as on 31<sup>st</sup>December, 2024)

| Sl. No. | Sanctioned post         | Name of the incumbent | Discipline               | If Permanent, Please indicate |               | Date of joining | If Temporary, pl. indicate the consolidated amount paid (Rs./month) |
|---------|-------------------------|-----------------------|--------------------------|-------------------------------|---------------|-----------------|---------------------------------------------------------------------|
|         |                         |                       |                          | Current Pay Band              | Present Basic |                 |                                                                     |
| 1       | Senior Scientist & Head | Dr. K.P. Baraiya      | Plant Protection         | 131400-217100                 | 156900        | 24.03.2015      |                                                                     |
| 2       | Scientist               | Vacant                | Crop Production          | 57700-182400                  |               |                 |                                                                     |
| 3       | Scientist               | Vacant                | Plant Protection         | 57700-182400                  |               |                 |                                                                     |
| 4       | Scientist               | Vacant                | Horti./ Ag. Engg         | 57700-182400                  |               |                 |                                                                     |
| 5       | Scientist               | Vacant                | Ext. Education           | 57700-182400                  |               |                 |                                                                     |
| 6       | Scientist               | Vacant                | Fisheries/<br>Veterinary | 57700-182400                  |               |                 |                                                                     |
| 7       | Scientist               | Smt. A. K. Baraiya    | Home Science             | 68900-205500                  | 101200        | 17.08.2006      |                                                                     |
| 8       | Farm Manager            | Smt. D. G. Patel      | Agronomy                 | 39900-126600                  | 41100         | 30.07.2018      |                                                                     |
| 9       | Programme Assistant     | Shri N. D. Ambaliya   | Agril.                   | 39900-126600                  | 41100         | 01.02.2020      |                                                                     |

|    |                             |                     |                   |              |       |            |                    |
|----|-----------------------------|---------------------|-------------------|--------------|-------|------------|--------------------|
| 10 | Computer Programmer         | Shri C. P. Padhiyar | Computer Operator | 39900-126600 | 56900 | 29.12.2008 | Pooled at Junagadh |
| 11 | Accountant / Superintendent | Vacant              | Adm.              | 39900-126600 | -     | -          |                    |
| 12 | Stenographer                | Shri. V. A. Jadav   | Adm.              | 19900-63200  | -     | 27.07.2021 | 26000/-            |
| 13 | Driver                      | Vacant              | Supt.             | 19900-63200  | -     | -          |                    |
| 14 | Driver                      | Shri. D.M. Chauhan  | Supt.             | 21700-69100  | 30200 | 9.10.2007  |                    |
| 15 | Supporting staff            | Shri B. V. Bamaniya | Supt.             | 15000-47600  | 21500 | 01.11.2014 |                    |
| 16 | Supporting staff            | Shri B. G. Mokariya | Supt.             | 15700-50000  | 31100 | 21.03.2003 |                    |

#### 1.6.Total land with KVK (in ha) :20.84 ha

| Sl. No. | Item                          | Area in hectare(s)* |
|---------|-------------------------------|---------------------|
| 1       | Under Building and Road       | 2.00                |
| 2       | Under Demonstration units     | 0.70                |
| 3       | Under crops                   | 12.40               |
| 4       | Orchard                       | 3.50                |
| 5       | Agro-forestry                 | 0.24                |
| 6       | Others (Farm Pond & Channels) | 2.00                |
|         | <b>Total</b>                  | <b>20.84</b>        |

#### 1.7. Infrastructural Development:

##### A) Buildings

| Sl. No. | Name of building                 | Source of funding | Stage           |                                        |                   |               |                    |                        |
|---------|----------------------------------|-------------------|-----------------|----------------------------------------|-------------------|---------------|--------------------|------------------------|
|         |                                  |                   | Complete        |                                        |                   | Incomplete    |                    |                        |
|         |                                  |                   | Completion Date | Plinth area (Sq.m)                     | Expenditure (Rs.) | Starting Date | Plinth area (Sq.m) | Status of construction |
| 1.      | Administrative Building          | KVK               | 15-8-11         | 550                                    | 5500000           |               |                    |                        |
| 2.      | Farmers Hostel                   | KVK               | 15-8-11         | 305                                    | 3000000           |               |                    |                        |
| 3.      | Staff Quarters (6)               | KVK               | 15-8-11         | 400                                    | 4000000           |               |                    |                        |
| 4.      | Demonstration Units of vegetable | KVK + ATMA        | 31-3-07         | -                                      | -                 | -             | -                  | -                      |
| 5       | Poly House                       | RKVY              | 31-3-09         | 320                                    | 281602            | -             | -                  | -                      |
| 6       | Net House                        | RKVY              | 31-3-09         | 150                                    | 64498             | -             | -                  | -                      |
| 7       | Training Hall                    | RKVY              | 20-2-10         | 190.99                                 | 1395800           | -             | -                  | -                      |
| 8       | Process Plant                    | RKVY              | 20-2-10         | 197.31                                 | 1536400           | -             | -                  | -                      |
| 9       | Implement shed                   | RKVY              | 11-2-10         | 77.33                                  | 297800            | -             | -                  | -                      |
| 10      | Rain Water harvesting system     | KVK               | 31-3-2007       | 26m×26m<br>(2Ponds)60m×60m<br>(1 Pond) | 999000            | -             | -                  | -                      |
| 11      | Fencing                          | -                 | -               | Not Available                          | -                 | -             | -                  | -                      |
| 12      | Threshing floor                  | Campus            | 21.12.2023      | 400                                    | 464530            | -             | -                  | -                      |
| 13      | Farm godown                      | -                 | -               | Not Available                          | -                 | -             | -                  | -                      |
| 14      | ICT lab                          | -                 | -               | Not Available                          | -                 | -             | -                  | -                      |
| 15      | Other                            | -                 | -               | Not Available                          | -                 | -             | -                  | -                      |

##### B) Vehicles

| Type of vehicle                          | Year of purchase | Cost (Rs.) | Total kms. Run | Present status                               |
|------------------------------------------|------------------|------------|----------------|----------------------------------------------|
| Toyota Qualis (GJ-10G 433)               | 2004-05          | 490200     | 524255         | Not Working (it is required to be right off) |
| Hero Honda splendor (bike) GJ-10 BB-1634 | 2010-11          | 46475      | 28223          | Working                                      |
| Mahindra Scorpio (GJ-10 GA-0535)         | 2019             | 1035000    | 81209          | Working                                      |

**1.8 A) Details SAC meeting conducted in the year**

| Sl.No. | Date       | Number of Participants | Salient Recommendations | Action taken |
|--------|------------|------------------------|-------------------------|--------------|
| 1.     | 01-10-2005 | 21                     | -                       | -            |
| 2.     | 07-10-2006 | 30                     | -                       | -            |
| 3.     | 02-11-2007 | 31                     | -                       | -            |
| 4.     | 17-10-2008 | 30                     | -                       | -            |
| 5.     | 14-09-2009 | 33                     | -                       | -            |
| 6.     | 29-4-2010  | 35                     | -                       | -            |
| 7.     | 07.04.2011 | 37                     | -                       | -            |
| 8.     | 10.04.2012 | 32                     | -                       | -            |
| 9.     | 02.04.2013 | 34                     | -                       | -            |
| 10.    | 27.12.2013 | 37                     | -                       | -            |
| 11.    | 21.02.2015 | 25                     | -                       | -            |
| 12.    | 29.01.2016 | 22                     | -                       | -            |
| 13.    | 25.10.2016 | 27                     | -                       | -            |
| 14.    | 12.04.2018 | 29                     | -                       | -            |
| 15.    | 25.03.2019 | 35                     | -                       | -            |
| 16.    | 07.03.2020 | 36                     | -                       | -            |
| 17.    | 08.02.2021 | 41                     | -                       | -            |
| 18.    | 09.03.2022 | 39                     | -                       | -            |
| 19.    | 09.02.2023 | 50                     | -                       | -            |
| 20.    | 03.02.2024 | 35                     | As below                | As below     |

**2 DETAILS OF DISTRICT**

Jamnagar and Devbhumi Dwarka district comes under North Saurashtra Agro-Climatic Zone -VI with an area of 35.02 lakh hectare land. The total geographical area of entire district (21.8 - 22 N and 69.0 - 70.7 E) occupies 14125 km<sup>2</sup> i.e. 14.125 lakh hectare are in the west cost of Gujarat.

**Basic information of operational district: Jamnagar**

| Sr. No. | Details                  | JAMNAGAR          |       | DEVBHUMI DWARKA      |       |
|---------|--------------------------|-------------------|-------|----------------------|-------|
| 1       | Total geographical area  | 6.075 lakh ha.    |       | 4.07509 lakh ha.     |       |
| 2       | Total cultivable area    | 4.32 lakh ha.     |       | 2.52 lakh ha.        |       |
| 3       | Net cultivated area      | 3.53 lakh ha.     |       | 2.38 lakh ha         |       |
| 4       | Total area under forest  | 0.43 lakh ha.     |       | 0.1736 lakh ha       |       |
| 5       | Total irrigated area     | 0.939 lakh ha.    |       | 0.23092 lakh ha.     |       |
| 6       | Number of holdings       | 1.44 lakh         |       | 1.17 lakh            |       |
| 7       | Average annual rainfall  | 550 mm.           |       | 550 mm.              |       |
| 8       | Soil type                | Medium black      |       | Medium black         |       |
| 9       | Total number of villages | 419 (8 city)      |       | 280 (8 city)         |       |
| 10      | Total population         | 13.89 lakh (2011) |       | 7.48 lakh (2011)     |       |
|         | (a) Male                 | 7.18lakh .        |       | 3.84lakh .           |       |
|         | (b) Female               | 6.71 lakh         |       | 3.64lakh .           |       |
| 11      | Literacy percentage      | Rural             | Urban | Rural                | Urban |
|         | a. Male                  | 86.95             | 79.55 | 76.14                | 80.74 |
|         | b. Female                | 76.22             | 62.18 | 55.41                | 61.36 |
| 12      | Number of talukas        | 6 (Six),          |       | 4 (Four)             |       |
|         |                          | Jamnagar          |       | Jamkhambhalia        |       |
|         |                          | Dhrol             |       | Jamkalyanpur         |       |
|         |                          | Jodiya            |       | Okha Mandal (Dwarka) |       |
|         |                          | Kalavad           |       | Bhanvad              |       |
|         |                          | Lalpur            |       |                      |       |
|         |                          | Jamjodhpur        |       |                      |       |

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

| Sr.No | Farming systems / enterprise |                     |                                                                                                                                          |
|-------|------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Crops                        | Cereals             | : Pearl millet, sorghum, wheat, maize                                                                                                    |
|       |                              | Pulses              | : Greengram, blackgram, chickpea, pigeonpea                                                                                              |
|       |                              | Oilseeds            | : Groundnut, sesamum, castor, mustard                                                                                                    |
|       |                              | Cash crops          | Cotton                                                                                                                                   |
|       |                              | Spices & condiments | : Cumin, fennel, coriander, ajwan, ishabagul                                                                                             |
|       |                              | Vegetables          | : Onion, garlic, potato, chilli, brinjal, tomato, cauliflower, cowpea, cabbage, okra, peach, cucurbits                                   |
|       |                              | Horticulture        | : Sapota, pomegranate, lemon (citrus), Jamun, aonla, guava, custard apple, papaya, coconut, ber, almond, banana, Dragon fruit, Date palm |
|       |                              | Floriculture        | : Rose, merigold, vevanti                                                                                                                |
|       |                              | Other crops         | : Chikori, fenugreek                                                                                                                     |
| 2.    | Live stock                   | Bullocks and cows   | :                                                                                                                                        |
|       |                              | Buffaloes           | : 209616                                                                                                                                 |
|       |                              | Sheep               | : 232530                                                                                                                                 |
|       |                              | Goats               | : 173022                                                                                                                                 |
|       |                              | Horse and camel     | : 410/2260                                                                                                                               |
|       |                              | Poultry             | : 38041                                                                                                                                  |
|       |                              | Other animals       | : -                                                                                                                                      |
| 3.    | Fishery                      | 340 km coastal belt | : 4832 tonnes fish production                                                                                                            |

**2.2 Weather data (January-24 to December-24)****Weekly mean Weather data-at JAU, Jamnagar during-2024**

| Week No | Temp. °c |      | R.H.% |    | WS     | BSS   | Eo   | Rain | Rainy |
|---------|----------|------|-------|----|--------|-------|------|------|-------|
|         | Max      | Min  | I     | II | (kmph) | (hrs) | (mm) | (mm) | Days  |
| 1-J     | 25.6     | 13.4 | 77    | 36 | 5.0    | 9.0   | 3.5  |      |       |
| 2       | 26.2     | 15.2 | 72    | 34 | 3.1    | 9.7   | 4.1  |      |       |
| 3       | 27.3     | 13.8 | 93    | 30 | 3.2    | 9.1   | 4.2  |      |       |
| 4       | 27.5     | 12.9 | 82    | 28 | 6.5    | 9.2   | 4.6  |      |       |
| 5       | 29.3     | 16.9 | 87    | 40 | 6.3    | 8.6   | 4.5  |      |       |
| 6-F     | 28.1     | 16.5 | 80    | 32 | 8.1    | 8.8   | 4.7  |      |       |
| 7       | 29.1     | 16.0 | 67    | 27 | 8.0    | 8.8   | 5.1  |      |       |
| 8       | 30.0     | 17.5 | 82    | 33 | 11.2   | 10.0  | 5.5  |      |       |
| 9       | 29.8     | 18.9 | 62    | 34 | 11.6   | 8.2   | 5.6  |      |       |
| 10-M    | 30.3     | 15.9 | 65    | 19 | 7.9    | 10.2  | 5.9  |      |       |
| 11      | 32.4     | 18.7 | 79    | 28 | 6.4    | 9.9   | 6.3  |      |       |
| 12      | 35.7     | 20.6 | 85    | 29 | 6.9    | 10.9  | 6.6  |      |       |
| 13      | 33.5     | 22.6 | 91    | 44 | 9.5    | 10.0  | 6.6  |      |       |
| 14-A    | 33.8     | 22.7 | 90    | 40 | 8.9    | 8.7   | 6.6  |      |       |
| 15      | 36.1     | 24.6 | 85    | 38 | 8.6    | 9.5   | 7.4  |      |       |
| 16      | 35.8     | 25.3 | 77    | 35 | 9.2    | 10.1  | 7.8  |      |       |

|                |             |             |           |           |             |             |            |               |           |
|----------------|-------------|-------------|-----------|-----------|-------------|-------------|------------|---------------|-----------|
| 17             | 35.1        | 25.0        | 80        | 41        | 10.1        | 11.3        | 8.0        |               |           |
| 18             | 36.9        | 25.6        | 74        | 33        | 10.4        | 9.2         | 9.1        |               |           |
| 19-M           | 36.2        | 26.8        | 82        | 44        | 12.7        | 11.1        | 9.3        |               |           |
| 20             | 38.0        | 27.8        | 77        | 42        | 13.2        | 8.8         | 9.9        | 1.0           |           |
| 21             | 36.3        | 28.3        | 81        | 50        | 19.8        | 10.5        | 9.4        |               |           |
| 22             | 38.0        | 29.4        | 74        | 47        | 12.6        | 10.9        | 9.9        |               |           |
| 23-J           | 36.8        | 28.0        | 74        | 53        | 12.4        | 10.4        | 9.7        |               |           |
| 24             | 36.6        | 28.5        | 74        | 52        | 9.2         | 9.3         | 9.6        |               |           |
| 25             | 37.5        | 29.0        | 80        | 58        | 8.9         | 7.7         | 8.5        | 54.5          | 1         |
| 26             | 34.6        | 27.9        | 90        | 71        | 6.2         | 4.8         | 5.5        | 15.0          | 4         |
| 27-J           | 33.3        | 27.9        | 89        | 68        | 10.9        | 2.7         | 4.1        | 84.0          | 1         |
| 28             | 34.6        | 27.9        | 88        | 67        | 10.4        | 6.3         | 5.0        | 24.0          | 2         |
| 29             | 34.0        | 26.8        | 96        | 76        | 6.5         | 5.4         | 3.1        | 163.5         | 5         |
| 30             | 31.1        | 27.1        | 92        | 80        | 9.7         | 1.6         | 3.0        | 122.0         | 2         |
| 31             | 30.9        | 26.5        | 93        | 83        | 8.9         | 1.4         | 3.7        | 49.0          | 4         |
| 32-A           | 30.8        | 26.4        | 90        | 81        | 7.9         | 1.7         | 3.1        | 18.0          | 3         |
| 33             | 31.6        | 26.1        | 91        | 79        | 6.5         | 3.7         | 3.3        | 14.5          | 3         |
| 34             | 33.3        | 26.7        | 87        | 69        | 8.8         | 6.8         | 4.1        | 27.5          | 1         |
| 35             | 29.6        | 25.2        | 96        | 79        | 13.1        | 2.8         | 1.8        | 604.0         | 4         |
| 36-S           | 32.0        | 26.0        | 94        | 70        | 6.9         | 6.1         | 3.7        | 1.5           |           |
| 37             | 32.7        | 25.1        | 86        | 60        | 8.1         | 7.8         | 4.6        |               |           |
| 38             | 32.9        | 25.1        | 88        | 62        | 7.1         | 8.7         | 4.8        |               |           |
| 39             | 33.2        | 25.6        | 89        | 66        | 8.4         | 6.2         | 4.5        | 28.0          | 2         |
| 40-O           | 33.4        | 25.5        | 87        | 62        | 6.6         | 8.1         | 4.5        |               |           |
| 41             | 34.5        | 26.2        | 81        | 55        | 4.8         | 5.8         | 4.9        | 9.0           | 1         |
| 42             | 34.3        | 26.1        | 90        | 58        | 3.8         | 6.5         | 4.8        | 4.0           | 1         |
| 43             | 35.7        | 24.7        | 89        | 41        | 3.8         | 8.2         | 5.0        | 2.5           | 1         |
| 44             | 35.8        | 22.0        | 84        | 34        | 5.0         | 9.8         | 5.0        |               |           |
| 45-N           | 34.9        | 21.5        | 74        | 32        | 4.1         | 9.3         | 4.4        |               |           |
| 46             | 33.3        | 19.1        | 67        | 29        | 2.6         | 8.4         | 4.3        |               |           |
| 47             | 30.4        | 16.1        | 61        | 28        | 3.8         | 8.5         | 3.8        |               |           |
| 48             | 29.6        | 15.2        | 63        | 35        | 4.2         | 8.1         | 3.6        |               |           |
| 49-D           | 29.4        | 16.8        | 67        | 33        | 5.3         | 8.5         | 3.7        |               |           |
| 50             | 25.9        | 13.7        | 51        | 20        | 7.9         | 9.2         | 3.6        |               |           |
| 51             | 25.4        | 12.1        | 68        | 29        | 4.7         | 7.4         | 3.5        |               |           |
| 52             | 24.4        | 14.8        | 64        | 36        | 4.0         | 6.6         | 3.5        |               |           |
| <b>Mean</b>    | <b>32.4</b> | <b>22.4</b> | <b>81</b> | <b>47</b> | <b>7.9</b>  | <b>7.9</b>  | <b>5.4</b> | <b>1222.0</b> | <b>35</b> |
| <b>Highest</b> | <b>38.0</b> | <b>29.4</b> | <b>96</b> | <b>83</b> | <b>19.8</b> | <b>11.3</b> | <b>9.9</b> |               |           |
| <b>Lowest</b>  | <b>24.4</b> | <b>12.1</b> | <b>51</b> | <b>19</b> | <b>2.6</b>  | <b>1.4</b>  | <b>1.8</b> |               |           |

\* Source: Meteorological observatory, Millet Research Station, JAU, Jamnagar

**2.3 Details of Operational area/ Villages (2024 to 2026)**

| Sl No | Taluka | Name of the village                                     | Major crops & enterprises                                                                                           | Major problem identified                                                                                                                                                                           | Identified thrust area                                                                                                                                                                                                                                                                                                                                                             |
|-------|--------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | Jodia  | Vavadi, Beraja, Bhadra, Bhimkata, Manamora              | Cotton, groundnut, sesame, castor, greengram, wheat, Gram, cumin, Ajwain, mustard, Soyabean, Vegetable, Fruit crops | Heavy infestation of sucking pest in cotton, stem rot disease & whitegrub in Groundnut, Root rot in castor, Less area under horticulture crops, Blight in cumin, salinity, pink bollworm in cotton | <ul style="list-style-type: none"> <li>- ICM in major crops of the district</li> <li>- Organic crop production</li> <li>- Introduction of new crop</li> <li>- Recycling of farm waste</li> <li>- Popularization of MIS</li> <li>- Soil Reclamation</li> <li>- Farm women empowerment</li> <li>- Farm mechanization</li> <li>- Natural farming</li> <li>- Value addition</li> </ul> |
| 2     | Lalpur | Nani Rafudad, Vadpanchasara, Baghla, Nanduri, Ishwariya |                                                                                                                     |                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                    |
| 3     | Dwarka | Tunpani, Gorinja, Positra, Vasai, Kalyanpur             | flowers, live-stock etc                                                                                             |                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                    |

**2.4 Priority thrust areas**

| Sl. No | Crop/ Enterprise                                                             | Thrust area                                                                                                                                                                                                                                                                                                                                                                       |
|--------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.     | Cotton, groundnut, castor, cumin, coriander, wheat, vegetables, fruits, etc. | <ul style="list-style-type: none"> <li>➤ Integrated Crop Management in major crops</li> <li>➤ IPM &amp; IDM in major field crops</li> <li>➤ White grub management in Groundnut</li> <li>➤ Wireworm management in garlic &amp; Onion</li> <li>➤ Yellowing of wheat</li> <li>➤ Required value addition and storage technique to reduce spoilage of agricultural produce.</li> </ul> |
| 2.     | Organic farming                                                              | Enhancement of organic farming through improved technologies                                                                                                                                                                                                                                                                                                                      |
| 3.     | Farm waste/ organic matter                                                   | Recycling of farm waste through composting, vermin-compost, green manuring, etc.                                                                                                                                                                                                                                                                                                  |
| 4.     | Micro irrigation                                                             | Efficient use of water by micro irrigation system, water harvesting structure, and water conservation techniques                                                                                                                                                                                                                                                                  |
| 5.     | Soil                                                                         | Reclamation of saline & alkaline soils                                                                                                                                                                                                                                                                                                                                            |
| 6.     | Water                                                                        | Water table moved downward and problem of saline water increase.                                                                                                                                                                                                                                                                                                                  |
| 7.     | Farm Women                                                                   | Farm women empowerment by training in value addition, handy crafts, and small-scale enterprises                                                                                                                                                                                                                                                                                   |



### 3. TECHNICAL PROGRAMME

#### 3.1. Details / Summary of targeted mandatory activities by KVK

| OFT            |                   | FLD       |                   |
|----------------|-------------------|-----------|-------------------|
| (1)            |                   | (2)       |                   |
| Number of OFTs | Number of Farmers | Area (ha) | Number of Farmers |
| 2              | 6                 | 176       | 441               |

| Training          |                        | Extension Activities |                        |
|-------------------|------------------------|----------------------|------------------------|
| (3)               |                        | (4)                  |                        |
| Number of Courses | Number of Participants | Number of activities | Number of participants |
| 36                | 1440                   | 229                  | 17557                  |

| Seed Production (Qtl.) | Planting material (Nos.) | Fish seed prod. (kg) | Soil Samples |
|------------------------|--------------------------|----------------------|--------------|
| (5)                    | (6)                      | (7)                  | (8)          |
| 138.50                 | 1700                     | 0                    | 350          |

#### 3.2. Details of On Farm Trial / Technology Assessment/Refinement during 2025

| S. No. | Crop/ enterprise | Prioritized problem                                | Title of OFT                               |
|--------|------------------|----------------------------------------------------|--------------------------------------------|
| 1      | Brinjal          | Infestation of sucking pests in Brinjal            | Management of Brinjal whitefly             |
| 2      | Groundnut        | Heavy incidence of leaf spot & rust in later stage | Management of foliar diseases in groundnut |

##### OFT-1 Brinjal (Assessment)

##### Title: Management of Brinjal whitefly

**Objective:** To manage the leaf sucking pest infestation in sesame

**Problem definition:** attack of leaf sucking pest is increase

- Heavy infestation of leaf sucking pest was found
- Improper cultivation practices
- Lack of knowledge about pest outbreaks and its management

##### Problem diagram :-

|                                                                   |                                       |                                                           |
|-------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------|
| Improper cultivation practices                                    | <b>Management of brinjal whitefly</b> | Irregular irrigation                                      |
| Mono-cropping system                                              |                                       | Lack of knowledge about pest outbreaks and its management |
| No adoption of recommended practices                              |                                       | In judicious use of chemical pesticide                    |
| Farmer follows instruction given by the local pesticides retailer |                                       | Heavy incidence of pest and disease attack                |

##### Treatments:

1. Injudicious use of insecticides. (Spray insecticides at weekly interval) **(Farmers practices).**

2. Three sprays of chlorantraniliprole 18.5 SC, 0.002 %, 1.08 ml/10 litre water at 15 days interval starting from the pest infestation are recommended under South Saurashtra Agro-climatic Zone. The PHI for chlorantraniliprole 18.5 SC, 0.002 % is one day. **(Recommendation)**
3. Spray of *Beauveria bassiana* 1.15 WP (Min.  $2 \times 10^6$  cfu/g) 0.007 % (60 g/10 litre of water), first spray at pest initiation and subsequent four spray should be given at 10 days interval after first spray. **(Refinement 1)**
4. Spray of Difenturon 50% WP @ 5 g/lit of water at 15 days interval at pest initiation. **(Refinement 2)**

**No. of Replication:** 3 (Farmers)

**Observations:**

1. Record no. of whitefly per leaf.
2. Yield data.

**Cost of OFT :** (Rs. 810/- per person)

**OFT:2**

**Title:** Management of foliar diseases in groundnut

**Objective:** To minimize the foliar diseases (leaf spot and rust) in groundnut

**Problem definition:**

1. Heavy incidence of rust in later stage
2. Heavy incidence of leaf spot
3. Lack of knowledge about scheduled spray of fungicides
4. Problem in identification and diseases initiation
5. Injudicious use of fertilizer
6. Excess irrigation
7. Multi season cropping system
8. Mono cropping system
9. Overlapping of the crop's seasons
10. Treatment of diseases after savior attack

**Problem diagram :-**

|                                                   |                                                                        |                                                       |
|---------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------|
| Heavy incidence of rust in later stage            | <b>Management of foliar diseases (leaf spot and rust) in groundnut</b> | Treatment of diseases after savior attack             |
| Mono cropping system                              |                                                                        | Overlapping of the crop's seasons                     |
| Heavy incidence of leaf spot                      |                                                                        | Multi season cropping system                          |
| Excess irrigation                                 |                                                                        | Injudicious use of fertilizer                         |
| Problem in identification and diseases initiation |                                                                        | Lack of knowledge about scheduled spray of fungicides |

**Treatments:**

1. **Farmer's Practices:-**Injudicious use of fungicides. [use of hexaconazole, carbendazim, floxistrobin, Metalaxyl 8 + Mancozeb 64, Kitazin 48 EC, Kresoxim-Methyl 44.3 SC, Azoxystrobin 11 + Tebuconazole 18.3 SC, Chlorothalonil 75 WP, Cymoxanil 8 + Mancozeb 64 WP, Difenconazole 25 EC, Tebuconazole + Trifloxystrobin 75 WG, Tebuconazole 25 EC] after severe attack of diseases.
2. **Recommendation :-**Foliar spray of hexaconazole 5% SC (10ml/10 lit water) at 40 DAS + Foliar Spray of Talcum powder based *Pseudomonas fluorescens* 0.5% ( $2 \times 10^6$  cfu/g) @ 100 gm/10 litre water at 60 and 80 DAS.
3. **Refinement:-** Foliar spray of Foliar Spray of Talcum powder based *Pseudomonas fluorescens* 0.5% ( $2 \times 10^6$  cfu/g) @ 100 gm/10 litre water at 40, 60 and 80 DAS.

**No. of Replication:** 3 (Farmers)

**Source of Technology:** - Department of Plant Pathology, COA, JAU, Junagadh

**Thematic area:** IDM

**Observations:**

1. Record early and late leaf spot and rust from five randomly selected plants from each plot at 30, 60 and 90 days after germination and at harvest stage
2. Record yield.

**Cost of OFT :** (Rs. 3400/- per person)

### 3.3 FRONTLINE DEMONSTRATIONS

A. Details of FLDs to be organized –

| Sr. No.             | Name of Crop/Enterprise | Name of Variety/Enterprises | Thematic area             | Technology demonstrated                                        | Critical Inputs                                                                                                            | Season and year | Area (ha.) | No. of farmers/Demo. | Parameters identified | Cost per trial (Rs.) |
|---------------------|-------------------------|-----------------------------|---------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------|------------|----------------------|-----------------------|----------------------|
| 1                   | Cotton                  | Bt. Cotton                  | IPM/INM                   | Insecticide, Bio pesticide                                     | <i>Azadirachtin</i> , Pheromone trap, SNPV, <i>Beauveria bassiana</i>                                                      | Kh-25           | 10         | 25                   | yield                 | 3550                 |
| 2                   | Wheat                   | GW- 451/463/513             | Varietal                  | Variety                                                        | Seed                                                                                                                       | Rabi-25         | 4          | 10                   | Yield                 | 1800                 |
| 3                   | Ajwain                  | Gujarat Ajwain-2            | IPM/IDM                   | Bio pesticide Bio fertilizer                                   | Seed, Trichoderma, <i>Beauveria bassiana</i> Azotobacter, PSB, Mix micronutrient                                           | Kh-25           | 4          | 10                   | Yield                 | 1430                 |
| 4                   | Pearl millet            | GHB-1231                    | Varietal                  | Variety                                                        | Seed                                                                                                                       | Sum-25          | 4          | 10                   | Yield                 | 300                  |
| <b>Other Scheme</b> |                         |                             |                           |                                                                |                                                                                                                            |                 |            |                      |                       |                      |
| 5                   | NMOOP-Groundnut         | GG 37                       | Improved Variety with ICM | Improved Variety, Bio pesticide, Bio fungicide, Bio fertilizer | Improved var. Seed (GG-37), <i>Metarhizium anisopliae</i> , <i>Trichoderma</i> , PSB, Rhizobium, <i>Beauveria bassiana</i> | KH-25           | 60         | 150                  | Yield, % pod damage   | 3780                 |
| 6                   | NMOOP-Sesame            | GTil -5/6                   | Improved Variety with ICM | Improved Variety, Bio pesticide, Bio fungicide, Bio fertilizer | Improved var. Seed (GTil-5/6), <i>Beauveria bassiana</i> , Trichoderma, PSB, Azotobacter                                   | Sum-25          | 40         | 100                  | Yield, % pod damage   | 2850                 |

| Sr. No. | Name of Crop/ Enterprise | Name of Variety Enterprises | Thematic area             | Technology demonstrated                                        | Critical Inputs                                                                                    | Season and year | Area (ha.) | No. of farmers /Demo. | Parameters identified | Cost per trial (Rs.) |
|---------|--------------------------|-----------------------------|---------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------|------------|-----------------------|-----------------------|----------------------|
| 7       | NFSM-Chickpea            | GG-5/7                      | Improved Variety with ICM | Improved Variety, Bio pesticide, Bio fungicide, Bio fertilizer | Improved var. Seed(GG-5), <i>Beauveria bassiana</i> , <i>Trichoderma</i> , PSB, <i>Rhizobium</i>   | Rabi-25         | 20         | 50                    | Yield, % pod damage   | 3600                 |
| 8       | ATIC Castor              | GCH-9                       | Varietal                  | Variety                                                        | Seed (GCH-9)                                                                                       | Kh-25           | 8          | 20                    | Yield                 | 600                  |
| 9       | ATIC Cumin               | GC-5                        | ICM                       | Improved seed Bio pesticide Bio fertilizer                     | <i>Beauveria bassiana</i> , PSB, <i>Azotobacter</i> <i>Trichoderma</i> , Yello sticky trap         | Rabi-25         | 8          | 20                    | Yield                 | 1930                 |
| 10      | ATIC Coriander           | GC-3                        | ICM                       | Improved variety, Bio pesticide Bio fertilizer                 | Seed, PSB, <i>Azotobacter</i> , <i>Beauveria bassiana</i> , <i>Trichoderma</i> , Yello sticky trap | Rabi-25         | 8          | 20                    | Yield                 | 950                  |
| 11      | ATIC Brinjal             | GJBH-4                      | Varietal                  | Variety, MDP, Pheromone                                        | Seed, MDP, Pheromone trap                                                                          | Rabi-25         | 2          | 5                     | Yield                 | 750                  |
| 12      | Natural farming          | Wheat                       | INM                       | Jivamrut                                                       | Materials for jivamrut                                                                             | Rabi-2025       | 4          | 10                    | Yield                 | 2820                 |
| 13      | FOM                      |                             | Natural                   |                                                                |                                                                                                    |                 | 4          | 11                    |                       |                      |
| 14      |                          |                             |                           |                                                                | <b>Total</b>                                                                                       |                 | <b>176</b> | <b>441</b>            |                       |                      |

### C. Details of FLD on Enterprises

#### a. Farm Implements

| Name of the implement | Crop   | Season and year | No. of farmers | Area (ha) | Critical inputs | Performance parameters / indicators | Cost per trial (Rs.) |
|-----------------------|--------|-----------------|----------------|-----------|-----------------|-------------------------------------|----------------------|
| Cotton Picking Apron  | Cotton | Kharif-24       | 5              | 2         | Apron           | Picking efficiency                  | 500                  |

#### b. FLD on Other enterprises

| Enterprise        | Name of the technology demonstrated | No. of farmers | No. of units | Critical inputs                            | Performance parameters / indicators | Cost per trial (Rs.) |
|-------------------|-------------------------------------|----------------|--------------|--------------------------------------------|-------------------------------------|----------------------|
| Kitchen gardening | Nutritional gardening               | 50             | 2 ha         | Vegetable seeds, <i>Beauveria bassiana</i> | Yield                               | 350                  |

**3.4. TRAINING (INCLUDING THE SPONSORED AND FLD TRAINING PROGRAMMES):****ON Campus**

| (A) Farmers & Farm Women                 | No. of<br>courses | No. of participant |            |       |       |        |       |                |
|------------------------------------------|-------------------|--------------------|------------|-------|-------|--------|-------|----------------|
|                                          |                   | others             |            |       | SC/ST |        |       | Grand<br>Total |
|                                          |                   | Male               | Femal<br>e | Total | Male  | Female | Total |                |
| I Crop Production                        | 2                 | 55                 | 0          | 55    | 5     | 0      | 5     | 60             |
| II Horticulture                          | 1                 | 0                  | 30         | 30    | 0     | 0      | 0     | 30             |
| III Soil Health and Fertility Management | 1                 | 25                 | 0          | 25    | 5     | 0      | 5     | 30             |
| IV Livestock Production and Management   | 1                 | 0                  | 30         | 30    | 0     | 0      | 0     | 30             |
| V Home Science/Women empowerment         | 2                 | 0                  | 50         | 50    | 0     | 10     | 10    | 60             |
| VI Agril. Engineering                    | 0                 | 0                  | 0          | 0     | 0     | 0      | 0     | 0              |
| VII Plant Protection                     | 5                 | 140                | 0          | 140   | 10    | 0      | 10    | 150            |
| VIII Fisheries                           | 0                 | 0                  | 0          | 0     | 0     | 0      | 0     | 0              |
| IX Production of Inputs at site          | 1                 | 30                 | 0          | 30    | 0     | 0      | 0     | 30             |
| X Capacity Building and Group Dynamics   | 0                 | 0                  | 0          | 0     | 0     | 0      | 0     | 0              |
| XI Agro-forestry                         | 0                 | 0                  | 0          | 0     | 0     | 0      | 0     | 0              |
| XII Others (Pl. Specify)                 | 0                 | 0                  | 0          | 0     | 0     | 0      | 0     | 0              |
| Total (A)                                | 13                | 250                | 110        | 360   | 20    | 10     | 30    | 390            |
| (B) RURAL YOUTH                          | 1                 | 0                  | 25         | 25    | 0     | 5      | 5     | 30             |
| (C) Extension Personnel                  | 1                 | 25                 | 0          | 25    | 5     | 0      | 5     | 30             |
| Grand Total (A+B+C)                      | 15                | 275                | 135        | 410   | 25    | 15     | 40    | 450            |

**Off Campus**

| (A) Farmers & Farm Women                    | No. of<br>courses | No. of participant |        |       |       |        |       |                |
|---------------------------------------------|-------------------|--------------------|--------|-------|-------|--------|-------|----------------|
|                                             |                   | others             |        |       | SC/ST |        |       | Grand<br>Total |
|                                             |                   | Male               | Female | Total | Male  | Female | Total |                |
| I Crop Production                           | 3                 | 135                | 10     | 145   | 5     | 0      | 5     | 150            |
| II Horticulture                             | 1                 | 40                 | 0      | 40    | 10    | 0      | 10    | 50             |
| III Soil Health and Fertility<br>Management | 3                 | 110                | 35     | 145   | 5     | 0      | 5     | 150            |
| IV Livestock Production and<br>Management   | 1                 | 0                  | 45     | 45    | 0     | 5      | 5     | 50             |
| V Home Science/Women<br>empowerment         | 5                 | 0                  | 230    | 230   | 0     | 20     | 20    | 250            |
| VI Agril. Engineering                       | 1                 | 30                 | 0      | 30    | 0     | 0      | 0     | 30             |
| VII Plant Protection                        | 5                 | 220                | 15     | 235   | 15    | 0      | 15    | 250            |
| VIII Fisheries                              | 0                 | 0                  | 0      | 0     | 0     | 0      | 0     | 0              |
| IX Production of Inputs at site             | 1                 | 30                 | 0      | 30    | 0     | 0      | 0     | 30             |
| X Capacity Building and Group<br>Dynamics   | 0                 | 0                  | 0      | 0     | 0     | 0      | 0     | 0              |
| XI Agro-forestry                            | 0                 | 0                  | 0      | 0     | 0     | 0      | 0     | 0              |
| XII Others (Pl. Specify)                    | 0                 | 0                  | 0      | 0     | 0     | 0      | 0     | 0              |
| Total (A)                                   | 20                | 565                | 335    | 900   | 35    | 25     | 60    | 960            |
| (B) RURAL YOUTH                             | 0                 | 0                  | 0      | 0     | 0     | 0      | 0     | 0              |
| (C) Extension Personnel                     | 1                 | 25                 | 0      | 25    | 5     | 0      | 5     | 30             |
| Grand Total (A+B+C)                         | 21                | 590                | 335    | 925   | 40    | 25     | 65    | 990            |

**Consolidated (On + Off Campus)**

| (A) Farmers & Farm Women                 | No. of courses | No. of participant |            |             |           |           |            |             |
|------------------------------------------|----------------|--------------------|------------|-------------|-----------|-----------|------------|-------------|
|                                          |                | others             |            |             | SC/ST     |           |            | Grand Total |
|                                          |                | Male               | Female     | Total       | Male      | Female    | Total      |             |
| I Crop Production                        | 5              | 190                | 10         | 200         | 10        | 0         | 10         | 210         |
| II Horticulture                          | 2              | 40                 | 30         | 70          | 10        | 0         | 10         | 80          |
| III Soil Health and Fertility Management | 4              | 135                | 35         | 170         | 10        | 0         | 10         | 180         |
| IV Livestock Production and Management   | 2              | 0                  | 75         | 75          | 0         | 5         | 5          | 80          |
| V Home Science/Women empowerment         | 7              | 0                  | 280        | 280         | 0         | 30        | 30         | 310         |
| VI Agril. Engineering                    | 1              | 30                 | 0          | 30          | 0         | 0         | 0          | 30          |
| VII Plant Protection                     | 10             | 360                | 15         | 375         | 25        | 0         | 25         | 400         |
| VIII Fisheries                           | 0              | 0                  | 0          | 0           | 0         | 0         | 0          | 0           |
| IX Production of Inputs at site          | 2              | 60                 | 0          | 60          | 0         | 0         | 0          | 60          |
| X Capacity Building and Group Dynamics   | 0              | 0                  | 0          | 0           | 0         | 0         | 0          | 0           |
| XI Agro-forestry                         | 0              | 0                  | 0          | 0           | 0         | 0         | 0          | 0           |
| XII Others (Pl. Specify)                 | 0              | 0                  | 0          | 0           | 0         | 0         | 0          | 0           |
| <b>Total (A)</b>                         | <b>33</b>      | <b>815</b>         | <b>445</b> | <b>1260</b> | <b>55</b> | <b>35</b> | <b>90</b>  | <b>1350</b> |
| <b>(B) RURAL YOUTH</b>                   | <b>1</b>       | <b>0</b>           | <b>25</b>  | <b>25</b>   | <b>0</b>  | <b>5</b>  | <b>5</b>   | <b>30</b>   |
| <b>(C) Extension Personnel</b>           | <b>2</b>       | <b>50</b>          | <b>0</b>   | <b>50</b>   | <b>10</b> | <b>0</b>  | <b>10</b>  | <b>60</b>   |
| <b>Grand Total (A+B+C)</b>               | <b>36</b>      | <b>865</b>         | <b>470</b> | <b>1335</b> | <b>65</b> | <b>40</b> | <b>105</b> | <b>1440</b> |

Details of training programmes attached in Annexure –I

**3.5. Extension Activities (including activities of FLD programmes)**

| Nature of Extension Activity           | No. of active ities | Farmers |        |       | Extension Officials |         |       | Total |         |       |
|----------------------------------------|---------------------|---------|--------|-------|---------------------|---------|-------|-------|---------|-------|
|                                        |                     | Male    | Female | Total | Male                | Femal e | Total | Male  | Femal e | Total |
| Field Day                              | 9                   | 190     | 30     | 220   | 25                  | 10      | 35    | 215   | 40      | 255   |
| Kisan Mela                             | 1                   | 250     | 50     | 300   | 50                  | 20      | 70    | 300   | 70      | 370   |
| Kisan Ghosthi                          | 6                   | 180     | 25     | 205   | 25                  | 15      | 40    | 205   | 40      | 245   |
| Exhibition                             | 2                   | 150     | 230    | 380   | 40                  | 10      | 50    | 190   | 240     | 430   |
| Film Show                              | 15                  | 850     | 350    | 1200  | 115                 | 35      | 150   | 965   | 385     | 1350  |
| Method demonstration                   | 3                   | 25      | 15     | 40    | 10                  | 5       | 15    | 35    | 20      | 55    |
| Farmers Seminar                        | 5                   | 150     | 40     | 190   | 40                  | 10      | 50    | 190   | 50      | 240   |
| Workshop                               | 1                   | 200     | 100    | 300   | 25                  | 10      | 35    | 225   | 110     | 335   |
| Group meetings                         | 5                   | 50      | 10     | 60    | 15                  | 5       | 20    | 65    | 15      | 80    |
| Lectures delivered as resource persons | 25                  | 3200    | 600    | 3800  | 1100                | 350     | 1450  | 4300  | 950     | 5250  |
| Newspaper coverage                     | 5                   | 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                       | 4                   | 0       | 0      | 0     | 0                   | 0       | 0     | 0     | 0       | 0     |
| Extension Literature                   | 12                  | 1100    | 100    | 1200  | 500                 | 50      | 550   | 1600  | 150     | 1750  |
| Advisory Services                      | 50                  | 250     | 50     | 300   | 100                 | 10      | 110   | 350   | 60      | 410   |

|                                         |            |              |             |              |             |            |             |              |             |              |
|-----------------------------------------|------------|--------------|-------------|--------------|-------------|------------|-------------|--------------|-------------|--------------|
| Scientific visit to farmers field       | 20         | 120          | 10          | 130          | 30          | 2          | 32          | 150          | 12          | 162          |
| Farmers visit to KVK                    | 25         | 550          | 250         | 800          | 200         | 120        | 320         | 750          | 370         | 1120         |
| Diagnostic visits                       | 5          | 30           | 5           | 35           | 5           | 2          | 7           | 35           | 7           | 42           |
| Exposure visits                         | 1          | 30           | 0           | 30           | 10          | 0          | 10          | 40           | 0           | 40           |
| Ex-trainees Sammelan                    | 1          | 20           | 5           | 25           | 4           | 1          | 5           | 24           | 6           | 30           |
| Soil health Camp                        | 1          | 100          | 20          | 120          | 30          | 20         | 50          | 130          | 40          | 170          |
| Animal Health Camp                      | 1          | 50           | 10          | 60           | 20          | 5          | 25          | 70           | 15          | 85           |
| Agri mobile clinic                      | 1          | 3000         | 100         | 3100         | 350         | 50         | 400         | 3350         | 150         | 3500         |
| Soil test campaigns                     | 1          | 60           | 0           | 60           | 12          | 0          | 12          | 72           | 0           | 72           |
| Farm Science Club Conveners meet        | 1          | 50           | 0           | 50           | 4           | 0          | 4           | 54           | 0           | 54           |
| Self Help Group Conveners meetings      | 1          | 12           | 5           | 17           | 3           | 2          | 5           | 15           | 7           | 22           |
| Mahila Mandals Conveners meetings       | 4          | 8            | 30          | 38           | 4           | 25         | 29          | 12           | 55          | 67           |
| Celebration of important days (specify) | 3          | 400          | 150         | 550          | 60          | 80         | 140         | 460          | 230         | 690          |
| Krishi Mahotsav                         | 5          | 0            | 20          | 20           | 0           | 20         | 20          | 0            | 40          | 40           |
| KrishiRath                              | 1          | 40           | 0           | 40           | 20          | 0          | 20          | 60           | 0           | 60           |
| Pre Kharif workshop                     | 3          | 80           | 0           | 80           | 30          | 0          | 30          | 110          | 0           | 110          |
| Pre Rabi workshop                       | 4          | 100          | 20          | 120          | 15          | 3          | 18          | 115          | 23          | 138          |
| PPVFRA workshop                         | 1          | 20           | 10          | 30           | 10          | 5          | 15          | 30           | 15          | 45           |
| Any Other (Specify)                     | 5          | 220          | 20          | 240          | 90          | 10         | 100         | 310          | 30          | 340          |
| <b>Total</b>                            | <b>229</b> | <b>11485</b> | <b>2255</b> | <b>13740</b> | <b>2942</b> | <b>875</b> | <b>3817</b> | <b>14427</b> | <b>3130</b> | <b>17557</b> |

### 3.6 TARGET FOR PRODUCTION AND SUPPLY OF TECHNOLOGICAL PRODUCTS

#### SEED MATERIALS

| Sl. No.         | Crop      | Variety      | Quantity (qtl.) |
|-----------------|-----------|--------------|-----------------|
| <b>CEREALS</b>  | Wheat     | GW-496       | 84              |
| <b>OILSEEDS</b> | Groundnut | GG-37        | 181             |
| <b>PULSES</b>   | Chickpea  | GG-7         | 26              |
|                 |           | <b>Total</b> | <b>291</b>      |

#### PLANTING MATERIALS

| Sl. No.               | Crop                        | Variety      | Quantity (Nos.) |
|-----------------------|-----------------------------|--------------|-----------------|
| <b>FRUITS</b>         | Jamun, Guava, custard apple |              | 100             |
| <b>SPICES</b>         |                             |              |                 |
| <b>VEGETABLES</b>     | Brinjal, Tomato, Chili      | GJLB-3,4     | 1500            |
| <b>FOREST SPECIES</b> |                             |              | 100             |
|                       |                             | <b>Total</b> | <b>1700</b>     |

#### Bio-products

| Sl. No. | Product Name       | Species | Quantity |       |
|---------|--------------------|---------|----------|-------|
|         |                    |         | No/Li.   | (kg)  |
| 1       | <i>Beauveria</i>   |         |          | 5000  |
| 2       | <i>Trichoderma</i> |         |          | 10000 |
| 3       | PSB                |         | 200      |       |
| 4       | <i>Azaobactor</i>  |         | 200      |       |
| 5       | Rhizobium          |         | 200      |       |

|  |  |              |            |              |
|--|--|--------------|------------|--------------|
|  |  | <b>Total</b> | <b>600</b> | <b>15000</b> |
|--|--|--------------|------------|--------------|

**LIVESTOCK**

| Sl. No. | Type | Breed | Quantity |      |
|---------|------|-------|----------|------|
|         |      |       | (Nos)    | Unit |
| 0       | 0    | 0     | 0        | 0    |

**4. Targets of samples for analysis:**

| Details      | No. of Samples | No. of Farmers | No. of Villages | Amount to be realized |
|--------------|----------------|----------------|-----------------|-----------------------|
| Soil Samples | 300            | 300            | 15              |                       |
| Water        | 50             | 50             | 12              |                       |
| Plant        |                |                |                 |                       |
| <b>Total</b> | <b>350</b>     | <b>350</b>     | <b>27</b>       |                       |

**5. ACTION PLAN OF INFRASTRUCTURE IN KVK****A. Action plan of demonstration units (other than instructional farm)**

| Sl. No. | Demo Unit      | Year of establishment | Area (ha) | Details of production (expected) |         |      | Expected Amount (Rs.) |              | Remarks |
|---------|----------------|-----------------------|-----------|----------------------------------|---------|------|-----------------------|--------------|---------|
|         |                |                       |           | Variety                          | Produce | Qty. | Cost of inputs        | Gross income |         |
| 1       | Crop Cafeteria | Every year            | 0.5       | -                                | -       | -    | 20000                 | -            |         |
| 2       | Vermicompost   | 2008                  | 0.1       | -                                | -       | -    | 10000                 | 20000        |         |
| 3       | Nursery        | 2012                  | 0.05      | Sapling                          | 1700    | No   | 20000                 | 30000        |         |

**B. Action plan of instructional farm (Crops) including seed production**

| Name of the crop                     | Area (ha) | Details of production (expected) |                 |            | Expected Amount (Rs.) |              | Remarks |
|--------------------------------------|-----------|----------------------------------|-----------------|------------|-----------------------|--------------|---------|
|                                      |           | Variety                          | Type of Produce | Qty. (Qtl) | Cost of inputs        | Gross income |         |
| <b>Cereals</b>                       |           |                                  |                 |            |                       |              |         |
| Wheat                                | 2.4       | GW-496                           | Truthful        | 84         | 50000                 | 225000       |         |
| <b>Pulses</b>                        |           |                                  |                 |            |                       |              |         |
| Chickpea                             | 2         | GG-7                             | Truthful        | 26         | 95600                 | 300000       |         |
| <b>Oilseeds</b>                      |           |                                  |                 |            |                       |              |         |
| Groundnut                            | 14        | GG-37                            | Breeder         | 154        | 970000                | 2600000      |         |
| Groundnut                            | 2.5       | GG-37                            | TF              | 28         | 135000                | 182000       |         |
| <b>Fibers</b>                        |           |                                  |                 |            |                       |              |         |
| <b>Spices &amp; Plantation crops</b> |           |                                  |                 |            |                       |              |         |
| <b>Floriculture</b>                  |           |                                  |                 |            |                       |              |         |
| <b>Fruits</b>                        |           |                                  |                 |            |                       |              |         |
| <b>Vegetables</b>                    |           |                                  |                 |            |                       |              |         |
| <b>Others (specify)</b>              |           |                                  |                 |            |                       |              |         |

6 Additional Activities Planned including sponsored projects (ProCRA / Pro SOIL/NARI/DAESI/DAMU/ DFI, etc.) / schemes during 2022-23, if involved.

**Out scaling of Natural Farming**

| S. No. | Name of the agency / scheme    | Name of activity                           | Technical programme with quantification | Financial outlay (Rs.) | Names of the team members involved      |
|--------|--------------------------------|--------------------------------------------|-----------------------------------------|------------------------|-----------------------------------------|
| 1      | Out scaling of Natural Farming | Training Awareness programme Demonstration | 10                                      | 268000                 | Dr. K. P. Baraiya<br>Smt. A. K. Baraiya |
|        |                                |                                            | 25                                      |                        |                                         |
|        |                                |                                            | 16                                      |                        |                                         |



**Fermented Organic Manure for promotion of Natural Farming**

| S. No. | Name of the agency / scheme | Name of activity                           | Technical programme with quantification | Financial outlay (Rs.) | Names of the team members involved      |
|--------|-----------------------------|--------------------------------------------|-----------------------------------------|------------------------|-----------------------------------------|
| 1      | Fermented Organic Manure    | Training Awareness programme Demonstration | 10                                      | 289100                 | Dr. K. P. Baraiya<br>Smt. A. K. Baraiya |

**Annexure - I****TRAINING PROGRAMMES****i) Farmers & Farm women (On Campus)**

| Date                    | Client ele | Title of the training programme                                                                      | Duration in days | Number of participants |    |    | Number of SC/ST |    |    | G. Total |
|-------------------------|------------|------------------------------------------------------------------------------------------------------|------------------|------------------------|----|----|-----------------|----|----|----------|
|                         |            |                                                                                                      |                  | M                      | F  | T  | M               | F  | T  |          |
| <b>Crop Production</b>  |            |                                                                                                      |                  |                        |    |    |                 |    |    |          |
| Quarter-1 <sup>st</sup> | PF         | Seed production and storage technique through natural farming                                        | 1                | 30                     | 0  | 30 | 0               | 0  | 0  | 30       |
| Quarter-4 <sup>th</sup> | PF         | Integrated farming system                                                                            | 1                | 25                     | 0  | 25 | 5               | 0  | 5  | 30       |
| <b>Horticulture</b>     |            |                                                                                                      |                  |                        |    |    |                 |    |    |          |
| Quarter-1 <sup>st</sup> | PF         | Nursery raising and its management                                                                   | 1                | 0                      | 30 | 30 | 0               | 0  | 0  | 30       |
| <b>Soil Health</b>      |            |                                                                                                      |                  |                        |    |    |                 |    |    |          |
| Quarter-2 <sup>nd</sup> | PF         | Importance of Bio fertilizer and Soil health analysis                                                | 1                | 25                     | 0  | 25 | 5               | 0  | 5  | 30       |
| <b>Livestock prod.</b>  |            |                                                                                                      |                  |                        |    |    |                 |    |    |          |
| Quarter-2 <sup>nd</sup> | PF         | Dairy Management and Value addition of milk                                                          | 1                | 0                      | 30 | 30 | 0               | 0  | 0  | 30       |
| <b>Home Sc.</b>         |            |                                                                                                      |                  |                        |    |    |                 |    |    |          |
| Quarter-1 <sup>st</sup> | PF         | Value addition in fruits, vegetables and agriculture produce with natural farming                    | 1                | 0                      | 20 | 20 | 0               | 10 | 10 | 30       |
| Quarter-4 <sup>th</sup> | PF         | Kitchen Garden, Herbal Garden, Roof top and Balcony Garden for nutritional security                  | 1                | 0                      | 30 | 30 | 0               | 0  | 0  | 30       |
| <b>Plan Prot.</b>       |            |                                                                                                      |                  |                        |    |    |                 |    |    |          |
| Quarter-1 <sup>st</sup> | PF         | Integrated Disease and pest management through natural farming in Rabi crop                          | 1                | 30                     | 0  | 30 | 0               | 0  | 0  | 30       |
| Quarter-2 <sup>nd</sup> | PF         | Management of pink bollworm in cotton & management of white grub in groundnut and other kharif crops | 1                | 25                     | 0  | 25 | 5               | 0  | 5  | 30       |
| Quarter-3 <sup>rd</sup> | PF         | Naturally management of pest and diseases in <i>kharif</i> crops                                     | 1                | 30                     | 0  | 30 | 0               | 0  | 0  | 30       |
| Quarter-4 <sup>th</sup> | PF         | IPM in vegetable crops: onion & garlic                                                               | 1                | 25                     | 0  | 25 | 5               | 0  | 5  | 30       |

|                                     |    |                                                                                             |           |            |           |            |           |           |           |            |
|-------------------------------------|----|---------------------------------------------------------------------------------------------|-----------|------------|-----------|------------|-----------|-----------|-----------|------------|
| Quarter-4 <sup>th</sup>             | PF | Store grain pests and its management through natural farming for reduction the storage loss | 1         | 30         | 0         | 30         | 0         | 0         | 0         | 30         |
| <b>Fisheries</b>                    |    |                                                                                             |           |            |           |            |           |           |           |            |
|                                     |    |                                                                                             |           |            |           |            |           |           |           |            |
| <b>Production of Inputs at site</b> |    |                                                                                             |           |            |           |            |           |           |           |            |
| Quarter-4 <sup>th</sup>             | PF | Production of Vermi-compost and inputs for natural farming                                  | 1         | 30         | 0         | 30         | 0         | 0         | 0         | 30         |
|                                     |    | <b>Total</b>                                                                                | <b>13</b> | <b>201</b> | <b>97</b> | <b>298</b> | <b>19</b> | <b>13</b> | <b>32</b> | <b>330</b> |

## ii) Farmers &amp; Farm women (Off 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          |           |                                                                                             |                  |                        |    |    |                 |    |    |          |
| Quarter-1 <sup>st</sup>  | PF        | Summer crop production practices on Natural farming basis                                   | 1                | 45                     | 0  | 45 | 5               | 0  | 5  | 50       |
| Quarter-2 <sup>nd</sup>  | PF        | Integrated weed management in oilseed crops                                                 | 1                | 40                     | 10 | 50 | 0               | 0  | 0  | 50       |
| Quarter-4 <sup>th</sup>  | PF        | Crop production technology of Millets through natural farming                               | 1                | 50                     | 0  | 50 | 0               | 0  | 0  | 50       |
| Horticulture             |           |                                                                                             |                  |                        |    |    |                 |    |    |          |
| Quarter– 4 <sup>th</sup> | PF        | Processing and value addition in Spices crop                                                | 1                | 40                     | 0  | 40 | 10              | 0  | 10 | 50       |
| Livestock prod.          |           |                                                                                             |                  |                        |    |    |                 |    |    |          |
| Quarter-1 <sup>st</sup>  | PF        | Importance of Nutrients and Feed Management in Animal Husbandry to increase milk production | 1                | 0                      | 45 | 45 | 0               | 5  | 5  | 50       |
| Home Sc.                 |           |                                                                                             |                  |                        |    |    |                 |    |    |          |
| Quarter-1 <sup>st</sup>  | PF        | Boosting immunity through fruits and vegetables and aware about Nutritional disease         | 1                | 0                      | 50 | 50 | 0               | 0  | 0  | 50       |
| Quarter-1 <sup>st</sup>  | PF        | Food processing and value addition in fruit, vegetable, and other agricultural produce      | 1                | 0                      | 50 | 50 | 0               | 0  | 0  | 50       |
| Quarter-2 <sup>nd</sup>  | PF        | Income generation activities for empowerment of women                                       | 1                | 0                      | 45 | 45 | 0               | 5  | 5  | 50       |
| Quarter-3 <sup>rd</sup>  | PF        | House hold food security by kitchen gardening and nutrition gardening                       | 1                | 0                      | 40 | 40 | 0               | 10 | 10 | 50       |

|                                     |    |                                                                                                      |           |            |            |            |           |           |           |            |
|-------------------------------------|----|------------------------------------------------------------------------------------------------------|-----------|------------|------------|------------|-----------|-----------|-----------|------------|
| Quarter-4 <sup>th</sup>             | PF | Nutritional Value of Millets and design of Low/ Minimum cost diet                                    | 1         | 0          | 45         | 45         | 0         | 5         | 5         | 50         |
| <b>Agril. Engineering</b>           |    |                                                                                                      |           |            |            |            |           |           |           |            |
| Quarter-3 <sup>rd</sup>             | PF | Installation and Maintenance of micro irrigation system                                              | 1         | 30         | 0          | 30         | 0         | 0         | 0         | 30         |
| <b>Plan prot.</b>                   |    |                                                                                                      |           |            |            |            |           |           |           |            |
| Quarter-1 <sup>st</sup>             | PF | IPM-IDM in rabi crops (cumin coriander and chickpea)                                                 | 1         | 50         | 0          | 50         | 0         | 0         | 0         | 50         |
| Quarter-1 <sup>st</sup>             | PF | Storage techniques for pest management and reduction the storage loss                                | 1         | 45         | 0          | 45         | 5         | 0         | 5         | 50         |
| Quarter-2 <sup>nd</sup>             | PF | Management of pink bollworm in cotton & management of white grub in groundnut and other kharif crops | 1         | 45         | 0          | 45         | 5         | 0         | 5         | 50         |
| Quarter-3 <sup>rd</sup>             | PF | Pest and disease management in <i>kharif</i> crops through natural farming                           | 1         | 40         | 10         | 50         | 0         | 0         | 0         | 50         |
| Quarter-4 <sup>th</sup>             | PF | Integrated Disease and pest management in Rabi crop                                                  | 1         | 40         | 5          | 45         | 5         | 0         | 5         | 50         |
| <b>Fisheries</b>                    |    |                                                                                                      |           |            |            |            |           |           |           |            |
|                                     |    |                                                                                                      |           |            |            |            |           |           |           |            |
| <b>Production of Inputs at site</b> |    |                                                                                                      |           |            |            |            |           |           |           |            |
| Quarter -3 <sup>rd</sup>            | PF | Production of natural farming inputs                                                                 | 1         | 30         | 0          | 30         | 0         | 0         | 0         | 30         |
| <b>Soil Health</b>                  |    |                                                                                                      |           |            |            |            |           |           |           |            |
| Quarter-2 <sup>nd</sup>             | PF | Use of Bio fertilizer & recycling of farm waste through composting                                   | 1         | 45         | 0          | 45         | 5         | 0         | 5         | 50         |
| Quarter-3 <sup>rd</sup>             | PF | Integrated nutrient management in Kharif crop                                                        | 1         | 25         | 25         | 50         | 0         | 0         | 0         | 50         |
| Quarter-4 <sup>th</sup>             | PF | Improvement of soil fertility through Natural farming                                                | 1         | 40         | 10         | 50         | 0         | 0         | 0         | 50         |
|                                     |    |                                                                                                      | <b>20</b> | <b>565</b> | <b>335</b> | <b>900</b> | <b>35</b> | <b>25</b> | <b>60</b> | <b>960</b> |

## 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 |         |
| Value addition    | women Empowerment      | Value addition in fruits and vegetables | Feb   | 4               | 0                   | 25 | 25 | 0                  | 5 | 5 | 30      |

## iii) Training programme for extension functionaries

| Annexure 1: Training programme for extension functionaries |           |                                                                                                                                          |                  |                     |   |    |                 |   |   |          |
|------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------|---|----|-----------------|---|---|----------|
| Date                                                       | Clientele | Title of the training programme                                                                                                          | Duration in days | No. of participants |   |    | Number of SC/ST |   |   | G. Total |
|                                                            |           |                                                                                                                                          |                  | M                   | F | T  | M               | F | T |          |
| On Campus                                                  |           |                                                                                                                                          |                  |                     |   |    |                 |   |   |          |
| Quarter-2 <sup>nd</sup>                                    | EF        | Pre-seasonal training on <i>kharif</i> crops (Pigeon pea, Green gram, Groundnut, Cotton) production technology through natural resources | 2                | 20                  | 0 | 20 | 5               | 0 | 5 | 25       |
| Off Campus                                                 |           |                                                                                                                                          |                  |                     |   |    |                 |   |   |          |
| Quarter-4 <sup>rd</sup>                                    | EF        | Pre-seasonal training on <i>rabi</i> crops (Cumin, Gram, Wheat, Onion, Garlic production technology through natural resources)           | 2                | 20                  | 0 | 20 | 5               | 0 | 5 | 25       |

## Quarter and discipline wise summary of training programme :

| Discipline                               | Subject Code | On-Campus |    |     |    |       | Off-Campus |    |     |    |       | GT |
|------------------------------------------|--------------|-----------|----|-----|----|-------|------------|----|-----|----|-------|----|
|                                          |              | Quarter   |    |     |    |       | Quarter    |    |     |    |       |    |
|                                          |              | I         | II | III | IV | Total | I          | II | III | IV | Total |    |
| (A) Farmers & Farm Women, Rural Youth    |              |           |    |     |    |       |            |    |     |    |       |    |
| I Crop Production                        | CP           | 1         |    |     | 1  | 2     | 1          | 1  |     | 1  | 3     | 5  |
| II Horticulture                          | HO           | 1         |    |     |    | 1     |            |    |     | 1  | 1     | 2  |
| III Soil Health and Fertility Management | SFM          |           | 1  |     |    | 1     |            | 1  | 1   | 1  | 3     | 4  |
| IV Livestock Production and Management   | LPM          |           | 1  |     |    | 1     | 1          |    |     |    | 1     | 2  |
| V Home Science/Women empowerment         | WOE          | 1         |    |     | 1  | 2     | 2          | 1  | 1   | 1  | 5     | 7  |
| VI Agril. Engineering                    | AEG          |           |    |     |    | 0     |            |    | 1   |    | 1     | 1  |
| VII Plant Protection                     | PLP          | 1         | 1  | 1   | 2  | 5     | 2          | 1  | 1   | 1  | 5     | 10 |
| VIII Fisheries                           | FIS          |           |    |     |    | 0     |            |    |     |    | 0     | 0  |
| IX Production of Inputs at site          | PI           |           |    |     | 1  | 1     |            |    | 1   |    | 1     | 2  |
| X Capacity Building and Group Dynamics   | CBD          |           |    |     |    | 0     |            |    |     |    | 0     | 0  |
| Total                                    |              | 4         | 3  | 1   | 5  | 13    | 6          | 4  | 5   | 5  | 20    | 33 |
| (B) Extension Functionaries              | EF           |           | 1  |     |    | 1     |            |    |     | 1  | 1     | 2  |
| (C) Rural youth                          | RY           | 1         |    |     |    | 1     |            |    |     |    | 0     | 1  |
| Total                                    |              | 5         | 4  | 1   | 5  | 15    | 6          | 4  | 5   | 6  | 21    | 36 |

## iv) Sponsored programme

| Discip<br>line                       | Sponsorin<br>g agency | Clien<br>tel<br>e | Title of the training programme                      | No. of<br>course | No. of participants |     |     | Number of<br>SC/ST |    |    | G.<br>Total |
|--------------------------------------|-----------------------|-------------------|------------------------------------------------------|------------------|---------------------|-----|-----|--------------------|----|----|-------------|
|                                      |                       |                   |                                                      |                  | M                   | F   | T   | M                  | F  | T  |             |
| a)      Sponsored training programme |                       |                   |                                                      |                  |                     |     |     |                    |    |    |             |
| AEG                                  | ATMA                  | PF                | Importance of MIS                                    | 2                | 80                  | 0   | 80  | 20                 | 0  | 20 | 100         |
| PLP                                  | ATMA                  | PF                | Kharif crop protection and<br>production technology  | 3                | 100                 | 40  | 140 | 10                 | 10 | 20 | 160         |
| SFM,<br>AEG                          | AGAKHAN               | PF                | INM and MIS in rabi crops                            | 2                | 50                  | 50  | 100 | 5                  | 5  | 10 | 110         |
| PLP                                  | DAO                   | PF                | Integrated pest and diseases<br>management in cumin  | 1                | 60                  | 0   | 60  | 0                  | 0  | 0  | 60          |
| PLP                                  | ATMA                  | PF                | IPM & IDM in groundnut, cotton<br>crops              | 1                | 55                  | 0   | 55  | 5                  | 0  | 5  | 60          |
| PLP                                  | DAO                   | PF                | IPM, IDM, INM in groudnnut and<br>cotton             | 1                | 55                  | 0   | 55  | 5                  | 0  | 5  | 60          |
| PLP                                  | ATMA                  | PF                | IPM & IDM in kharif crop                             | 1                | 55                  | 0   | 55  | 5                  | 0  | 5  | 60          |
| PLP                                  | Dy.D.Hort             | PF                | IPM, IDM, INM in Horticultural<br>Crops              | 1                | 55                  | 0   | 55  | 5                  | 0  | 5  | 60          |
| PLP                                  | ATMA                  | PF                | IPM, IDM, INM in Horticultural<br>Crops              | 1                | 55                  | 0   | 55  | 5                  | 0  | 5  | 60          |
| PLP                                  | DWDU                  | PF                | IPM & IDM in kharif crop                             | 1                | 55                  | 0   | 55  | 5                  | 0  | 5  | 60          |
| PLP,<br>CP                           | ATMA                  | PF                | Seed Production technology and<br>IPM in these crops | 1                | 55                  | 0   | 55  | 5                  | 0  | 5  | 60          |
| PLP                                  | ATMA                  | PF                | Storage Techniques and IPM in<br>summer crops        | 1                | 0                   | 55  | 55  | 0                  | 5  | 5  | 60          |
|                                      |                       |                   | Total                                                | 16               | 675                 | 145 | 820 | 70                 | 20 | 90 | 910         |
| b)      Sponsored research programme |                       |                   |                                                      |                  |                     |     |     |                    |    |    |             |
|                                      |                       |                   |                                                      |                  |                     |     |     |                    |    |    |             |
|                                      |                       |                   | Total                                                |                  |                     |     |     |                    |    |    |             |
| c)      Any special programmes       |                       |                   |                                                      |                  |                     |     |     |                    |    |    |             |
| SFM                                  | ATMA                  | PF                | World Soil health day                                | 1                | 50                  | 50  | 100 | 10                 | 10 | 20 | 120         |
| WOE                                  | ATMA                  | PF                | Mahila Krushi Divas                                  | 1                | 0                   | 100 | 100 | 0                  | 20 | 20 | 120         |
|                                      |                       |                   | Total                                                | 2                | 50                  | 150 | 200 | 10                 | 30 | 40 | 240         |

## Annexure - II

## Details of Budget Estimate (2025-26) based on proposed action plan

| S. No.      | Particulars                                                                                                                                                    | BE 2024-25 proposed (Rs.) |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| <b>25.1</b> | <b>Recurring Contingencies</b>                                                                                                                                 |                           |
| 25.1.1      | <b>Pay &amp; Allowances</b>                                                                                                                                    | <b>230</b>                |
| 25.1.2      | <b>Traveling allowances</b>                                                                                                                                    | <b>2.5</b>                |
| 25.1.3      | <b>Contingencies</b>                                                                                                                                           | <b>40</b>                 |
| <i>A</i>    | Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines) |                           |
| <i>B</i>    | POL, repair of vehicles, tractor and equipment                                                                                                                 |                           |
| <i>C</i>    | Meals/refreshment for trainees (ceiling up to Rs.40/day/trainee be maintained)                                                                                 |                           |
| <i>D</i>    | Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)                                      |                           |
| <i>E</i>    | Frontline demonstration except oilseeds and pulses (minimum of 30 demonstrations in a year)                                                                    |                           |
| <i>F</i>    | On farm testing (on need based, location specific and newly generated information in the major production systems of the area)                                 |                           |
| <i>G</i>    | Training of extension functionaries                                                                                                                            |                           |
| <i>H</i>    | Maintenance of buildings                                                                                                                                       |                           |
| <i>I</i>    | Establishment of Soil, Plant & Water Testing Laboratory                                                                                                        |                           |
| <i>J</i>    | Library                                                                                                                                                        |                           |
| <b>25.1</b> | <b>TOTAL Recurring Contingencies</b>                                                                                                                           | <b>167</b>                |
| <b>25.2</b> | <b>Non-Recurring Contingencies</b>                                                                                                                             |                           |
| 25.2.1      | <b>Works</b>                                                                                                                                                   | <b>50</b>                 |
| 25.2.2      | <b>Equipment including SWTL &amp; Furniture</b>                                                                                                                |                           |
| 25.2.3      | <b>Vehicle</b> (Four-wheeler/Two-wheeler, please specify)                                                                                                      |                           |
| 25.2.4      | <b>Library</b> (Purchase of assets like books & journals)                                                                                                      | <b>1</b>                  |
| <b>25.2</b> | <b>TOTAL Non-Recurring Contingencies</b>                                                                                                                       | <b>51</b>                 |
| <b>25.3</b> | <b>REVOLVING FUND</b>                                                                                                                                          |                           |
| <b>25.4</b> | <b>GRAND TOTAL</b>                                                                                                                                             | <b>218</b>                |

## Annexure-III

## Details of Works proposed during 2021-26 for KVK, JAU, JAMNAGAR

| Sr. No. | Name of works                                                        | Estimated cost for work / renovation etc. (Rs. In Lakh) | Justification for works required to be carried out                                                                                                                                                                                                                                                                    |
|---------|----------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.      | <b>China mosaic on terrace of the building</b>                       | 6.0                                                     | There problem of water tank overflow, rain water drainage. Therefore, condition of the ceiling become dangerous, and will be destroyed shortly. Therefore, it is to be required to be renovation. Fitting of china mosaic on the terrace is to be require for long life of the building.                              |
|         | 1. KVK Office building (400 Sq m)                                    |                                                         |                                                                                                                                                                                                                                                                                                                       |
|         | 2. Hostel Building (300 sq m)                                        | 4.5                                                     |                                                                                                                                                                                                                                                                                                                       |
|         | 3. Training Hall (200 sq m)                                          | 3.0                                                     |                                                                                                                                                                                                                                                                                                                       |
|         | 4. Quarter E type (135 sq m)                                         | 2.03                                                    |                                                                                                                                                                                                                                                                                                                       |
|         | 5. Quarter D type (125 sq m x 2 No.) =250 sq m                       | 3.75                                                    |                                                                                                                                                                                                                                                                                                                       |
|         | 6. Quarter Ctype (110 sq m x 3 No.)=330 sq m                         | 4.95                                                    |                                                                                                                                                                                                                                                                                                                       |
|         | <b>Total</b>                                                         | <b>24.23 lakh</b>                                       |                                                                                                                                                                                                                                                                                                                       |
| 2.      | <b>Wall painting of the building</b>                                 | 2.0                                                     | Building is to old therefore, whitewash painting is required                                                                                                                                                                                                                                                          |
|         | 1. KVK Office building (400 Sq m)                                    |                                                         |                                                                                                                                                                                                                                                                                                                       |
|         | 2. Hostel Building (300 sq m)                                        | 1.5                                                     |                                                                                                                                                                                                                                                                                                                       |
|         | 3. Training Hall (200 sq m)                                          | 1.0                                                     |                                                                                                                                                                                                                                                                                                                       |
|         | 4. Quarter E type (135 sq m)                                         | 0.67                                                    |                                                                                                                                                                                                                                                                                                                       |
|         | 5. Quarter D type (125 sq m x 2 No.) =250 sq m                       | 1.25                                                    |                                                                                                                                                                                                                                                                                                                       |
|         | 6. Quarter Ctype (110 sq m x 3 No.)=330 sq m                         | 1.65                                                    |                                                                                                                                                                                                                                                                                                                       |
|         | <b>Total</b>                                                         | <b>8.07 lakh</b>                                        |                                                                                                                                                                                                                                                                                                                       |
| 3       | Farm Fencing wall<br>(L-640 m x h- 3m+1m plinth+1m base = 3200 sq m) | 40                                                      |                                                                                                                                                                                                                                                                                                                       |
| 4       | Open well                                                            | 25                                                      |                                                                                                                                                                                                                                                                                                                       |
| 5       | Farm Development                                                     | 25                                                      |                                                                                                                                                                                                                                                                                                                       |
| 6       | Office equipment                                                     | 35                                                      |                                                                                                                                                                                                                                                                                                                       |
| 7       | Soil testing laboratory                                              | 25                                                      |                                                                                                                                                                                                                                                                                                                       |
| 8       | Information technology                                               | 10                                                      |                                                                                                                                                                                                                                                                                                                       |
| 9       | Over Head Water Tank                                                 | 40                                                      |                                                                                                                                                                                                                                                                                                                       |
| 10      | Two wheeler                                                          | 1.20                                                    |                                                                                                                                                                                                                                                                                                                       |
| 11      | Multi crop thressure (Auto feeder)                                   | 8.0                                                     |                                                                                                                                                                                                                                                                                                                       |
| 12      | LED Display                                                          | 10                                                      |                                                                                                                                                                                                                                                                                                                       |
| 13      | Water storage sump 5 lakh litres                                     | 30                                                      |                                                                                                                                                                                                                                                                                                                       |
| 14      | Rat proof godown cum farmers outlet                                  | 40                                                      | <p>This office works for farmers and distributed seeds, bio-products from KVK,</p> <ul style="list-style-type: none"> <li>➤ This center produce many oilseeds, pulses and cereal crops breeder as well as labeled seed production for farmers.</li> <li>➤ Such seeds required to be store for longer time.</li> </ul> |

|    |                                                                                |    |                                                                                                                                                                                                                                                                                                        |
|----|--------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |                                                                                |    | <ul style="list-style-type: none"> <li>➤ It is required for sales out late for selling different products from university.</li> <li>➤ There is very high humidity, therefore, it is requiring to good godown.</li> </ul>                                                                               |
| 15 | <i>Parking shed</i>                                                            | 20 | <ul style="list-style-type: none"> <li>➤ Every day, farmers, officers, scientist and student with dignitaries visited this esteemed organization.</li> <li>➤ This is district level training center, continuously farmers visit daily.</li> <li>➤ They parked their vehicle irrespectively.</li> </ul> |
| 16 | <i>Irrigation facilities</i><br>Submersible pump set with pipe line facilities | 40 | It is required for irrigation of 20 hector farm                                                                                                                                                                                                                                                        |