

# KVK-SHAHJAHANPUR

## ANNUAL PROGRESS REPORT

(Jan., to Dec., 2020)

### APR SUMMARY

#### 1. Training Programmes

| Clientele               | No. of Courses | Male       | Female     | Total participants |
|-------------------------|----------------|------------|------------|--------------------|
| Farmers & farm women    | 33             | 441        | 219        | 660                |
| Rural youths            | 06             | 30         | 30         | 60                 |
| Extension functionaries | 10             | 229        | 60         | 289                |
| <b>Total</b>            | <b>49</b>      | <b>700</b> | <b>309</b> | <b>1009</b>        |
| Sponsored Training      |                |            |            |                    |
| Vocational Training     |                |            |            |                    |

#### 2. Frontline demonstrations

| Enterprise               | No. of Farmers | Area(ha)      | Units/Animals |
|--------------------------|----------------|---------------|---------------|
| Oilseeds                 | 200            | 80.00         | -             |
| Pulses                   | 150            | 60.00         | -             |
| Cereals                  | 05             | 2.00          | -             |
| Vegetables               | 10             | 2.00          | -             |
| Other crops (Commercial) |                |               |               |
| Hybrid crops             |                |               |               |
| <b>Total</b>             | <b>365</b>     | <b>144.00</b> |               |
| Livestock & Fisheries    | 55             |               | 110           |
| Other enterprises        | 10             | 0.10          | -             |
| <b>Total</b>             | <b>65</b>      | <b>0.10</b>   | <b>110</b>    |
| <b>Grand Total</b>       | <b>430</b>     | <b>144.10</b> | <b>110</b>    |

#### 3. Technology Assessment & Refinement

| Category            | No. of Technology Assessed & Refined | No. of Trials | No. of Farmers |
|---------------------|--------------------------------------|---------------|----------------|
| Crops               | -                                    | -             | -              |
| Livestock           | 02                                   | 55            | 55             |
| Various enterprises | 01                                   | 05            | 5              |
| <b>Total</b>        | <b>03</b>                            | <b>60</b>     | <b>60</b>      |

#### 4. Extension Programmes

| Category                   | No. of Programmes | Total Participants |
|----------------------------|-------------------|--------------------|
| Extension activities       | 281               | 3239               |
| Other extension activities | 6111              | -                  |
| <b>Total</b>               | <b>6392</b>       | <b>3239</b>        |

5. Mobile Advisory Services: N.A.

| Name of KVK | Message Type                    | Type of Messages |           |         |           |           |                  | Total |
|-------------|---------------------------------|------------------|-----------|---------|-----------|-----------|------------------|-------|
|             |                                 | Crop             | Livestock | Weather | Marketing | Awareness | Other enterprise |       |
|             | Text only                       |                  |           |         |           |           |                  |       |
|             | Voice only                      |                  |           |         |           |           |                  |       |
|             | Voice & Text both               |                  |           |         |           |           |                  |       |
|             | <b>Total Messages</b>           |                  |           |         |           |           |                  |       |
|             | <b>Total farmers Benefitted</b> |                  |           |         |           |           |                  |       |

6. Seed & Planting Material Production

|                            | Quintal/Number | Value Rs. | Distributed to No. of farmers |
|----------------------------|----------------|-----------|-------------------------------|
| Seed (q)                   |                |           |                               |
| Planting material (No.)    | 39840          | -         | 59                            |
| Bio-Products (kg)          |                |           |                               |
| Livestock Production (No.) |                |           |                               |
| Fishery production (No.)   |                |           |                               |

7. Soil, water & plant Analysis

| Type of Samples | No. of samples analysed | No. of Beneficiaries | Value Rs. |
|-----------------|-------------------------|----------------------|-----------|
| Soil            | 123                     | 123                  |           |
| Water           |                         |                      |           |
| Plant           |                         |                      |           |
| <b>Total</b>    | <b>123</b>              | <b>123</b>           |           |

8. HRD and Publications

| Sr. No. | Category                    | Number |
|---------|-----------------------------|--------|
| 1       | Workshops                   | 05     |
| 2       | Conferences                 | 30     |
| 3       | Meetings                    | 25     |
| 4       | Trainings for KVK officials | 3      |
| 5       | Visits of KVK officials     | 5      |
| 6       | Book published              | -      |
| 7       | Training Manual             | -      |
| 8       | Book chapters               | -      |
| 9       | Research papers             | 1      |
| 10      | Lead papers                 | -      |
| 11      | Seminar papers              | -      |
| 12      | Extension folder            | 3      |
| 13      | Proceedings                 | 1      |
| 14      | Award & recognition         | 1      |
| 15      | On going research projects  | 5      |

# **ANNUAL PROGRESS REPORT**

**(Jan. 2020 to Dec. 2020)**

## **1. GENERAL INFORMATION ABOUT THE KVK**

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

| <b>Address</b>                          | <b>Telephone (O)</b> | <b>FAX(PP)</b> | <b>E mail</b>                    |
|---|----------------------|----------------|----------------------------------|
| <b>KVK Niyamatpur,<br/>Shahjahanpur</b> | <b>-</b>             | <b>-</b>       | <b>shahjahanpurkvk@gmail.com</b> |

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

| <b>Address</b>  | <b>Telephone</b>    |                | <b>E mail</b>                 |
|---|---------------------|----------------|-------------------------------|
|   | <b>Office</b>       | <b>FAX</b>     |                               |
| <b>Vice Chancellor,<br/>S.V.P.U.A. &amp; T., Meerut</b> | <b>0121-2411503</b> | <b>2411505</b> | <b>vc2016svpuat@gmail.com</b> |

### **1.3. Name of the Programme Coordinator with phone & mobile No.**

| <b>Name</b>              | <b>Telephone / Contact</b> |                   |                                       |
|--------------------------|----------------------------|-------------------|---------------------------------------|
|                          | <b>Residence</b>           | <b>Mobile</b>     | <b>Email</b>                          |
| <b>Dr. N.C. Tripathi</b> | <b>-</b>                   | <b>9450417136</b> | <b>nalinchandratripathi@gmail.com</b> |

### **1.4. Year of sanction:F.No 5(I)/93-KVK (F-II) Date 31.March 1993**

### 1.5. Staff Position (as on 31<sup>st</sup> December, 2020)

| S. N. | Sanctioned post            | Name of the incumbent | Designation                        | Discipline       | Pay Scale (Rs.)      | Present basic (Rs.)             | Date of joining | Permanent /Temporary | Cate-gory | Mobile No  | Age | Email ID                       |
|-------|----------------------------|-----------------------|------------------------------------|------------------|----------------------|---------------------------------|-----------------|----------------------|-----------|------------|-----|--------------------------------|
| 1     | Prof. &Head                | Dr. N.C. Tripathi     | Professor & O.I.C.                 | Agronomy         | 37400-67000          | 58830.00<br>6 <sup>th</sup> pay | 01.06.98        | Permanent            | Gen       | 9450417136 | 55  | nalinchandratripathi@gmail.com |
| 2     | Professor                  | Dr. Nutan Verma**     | Professor                          | Plant Pathol.    | 37400-67000          | 193846<br>7 <sup>th</sup> pay   | 07.06.96        | Permanent            | Gen       | 9450444487 | 56  | vermanutan65@gmail.com         |
| 3     | SMS/Assitt Prof.           | Km. Vidya Gupta       | Scientist                          | Home Science     | 15600-39100          | 34200.00<br>6 <sup>th</sup> pay | 16.12.03        | Permanent            | OBC       | 9415366111 | 54  | vidyaguptakvk@gmail.com        |
| 4     | SMS/Assitt Prof.           | Dr. S.K. Verma        | Scientist                          | Horticulture     | 15600-39100          | 34990.00<br>6 <sup>th</sup> pay | 24.06.08        | Permanent            | SC        | 9450234406 | 42  | vermasant@gmail.com            |
| 5     | SMS/Assitt Prof.           | Dr. T.B.Yadav         | Scientist                          | Animal Sci,      | 15600-39100          | 35910.00<br>6 <sup>th</sup> pay | 28.06.08        | Permanent            | OBC       | 9411287939 | 56  | drtbyadav16@gmail.com          |
| 6     | Programme Assistant        | Dr. Chandrapal        | Programme Assistant (A.V.Aids)     | Agril.Extn       | 9300-34800 (GP 4800) | 78800.00<br>7 <sup>th</sup> pay | 20.12.95        | Permanent            | Gen       | 9415482746 | 49  | cpdeepali@gmail.com            |
| 7     | Computer Programmer        | Dr Manoj Kr. Mishra   | Computer Programmer                | Computer Science | 9300-34800 (GP 4800) | 74300.00<br>7 <sup>th</sup> pay | 28.10.99        | Permanent            | Gen       | 9412423526 | 46  | dr_mishra@in.com               |
| 8     | Prog. Asstt / Farm Manager | Pushpraj Yadav        | Programme Assistant (Soil/F.M.)    | Soil Science     | 9300-34800 (GP 4600) | 66000.00<br>7 <sup>th</sup> pay | 15.12.04        | Permanent            | OBC       | 9452215713 | 47  | pushpraj.y@gmail.com           |
| 9     | Farm Manager               | Anoop Singh           | Programme Assistant (Farm Manager) | Agronomy         | 9300-34800 (GP 4200) | 50500.00<br>7 <sup>th</sup> pay | 31.07.07        | Permanent            | Gen       | 9458078489 | 44  | anups671@gmail.com             |
| 10    | Stenographer               | Sandeep Saxena        | Jr.Steno                           | -                | 5200-20200 (GP 4200) | 58600.00<br>7 <sup>th</sup> pay | 02.09.95        | Permanent            | Gen       | 9450443210 | 49  |                                |
| 11    | Driver                     | Sonu Gupta            | Driver/Mechanic                    | -                | 5200-20200 (GP 1900) | 31400.00<br>7 <sup>th</sup> pay | 27.07.07        | Permanent            | OBC       | 9411986427 | 44  |                                |
| 12    | Supporting Staff           | Shubham Kumar Sagar   | Office Attendant                   | -                | 5200-20200 (GP 1800) | 19700.00<br>7 <sup>th</sup> pay | 21.03.17        | Permanent            | SC        | 8874594581 | 24  | -                              |

\* Appointed as a professor in deptt at SVPUAT., Meerut. \*\* Research scientist attached with K.V.K.

**1.6. Total land with KVK (in ha) : 18.314 :**

| S. No. | Item                      | Area (ha) |
|--------|---------------------------|-----------|
| 1      | Under Buildings           | 0.600     |
| 2.     | Under Demonstration Units | 0.016     |
| 3.     | Under Crops               | 4.000     |
| 4.     | Orchard/Agro-forestry     | 10.00     |
| 5.     | Others (Specify)          | 3.698     |

**1.7. Infrastructural Development:**

A) Buildings

| S. 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      | ICAR              | March 2000      | 0.600              | 2647000           | -             | -                  | Completed              |
| 2.     | Farmer's Hostel              | ICAR              | Sept 06         | 0.300              | 2289916           | -             | -                  | Completed              |
| 3.     | Staff Quarters (6)           | ICAR              | -               | 0.040              | 2671000           | “             | -                  | Completed              |
| 4.     | Demonstration Units (2)      | ICAR              | -               | 0.016              | 1104974           | “             | -                  | Completed              |
| 5      | Fencing                      | ICAR              | -               | 2000R/M            | 3843000           | “             | -                  | Completed              |
| 6      | Rain Water harvesting system | ICAR              | -               | 0.400              | 50000             | “             | -                  | Completed              |
| 7      | Threshing floor              | ICAR              | -               | 0.030              | 230000            | “             | -                  | Completed              |
| 8      | Farm godown                  | ICAR              | -               | 0.006              | 362539            | “             | -                  | Completed              |

B) Vehicles

| Type of vehicle                      | Year of purchase | Cost (Rs.) | Total kms. Run | Present status |
|--------------------------------------|------------------|------------|----------------|----------------|
| Bolero jeep UP27G-0138               | June, 2009       | 5.07 Lac   | 163965         | Condemn        |
| Hero Honda Super Splender UP27G-0146 | April ,10        | 46159.00   | 35871          | Working order  |

**C) Equipments& AV aids**

| <b>Name of the equipment</b>                        | <b>Year of purchase</b> | <b>Cost (Rs.)</b> | <b>Present status</b> |
|---|-------------------------|-------------------|-----------------------|
| Daree – 05  | 2002                    | 2010.00           | Working order         |
| Kirloskar Diesel Engine Model Ks-10 with Acess.     | 2003                    | 21210.00          | -----do-----          |
| Spade – 02  | 2003                    | 140.00            | -----do-----          |
| Zero tillage Cum Bed Planter - 2                    | 2003                    | 11900.00          | -----do-----          |
| Office Chair- 10 No.                                | 2003                    | 3564.00           | -----do-----          |
| Dice  | 2003                    | 1800.00           | -----do-----          |
| Steel Book Shelf -2                                 | 2003                    | 6261.84           | Working order         |
| Harrow  | 2004                    | 16800.00          | -----do-----          |
| Lavellor  | 2004                    | 4250.00           | -----do-----          |
| Daree – 04  | 2004                    | 2010.00           | -----do-----          |
| Heat Convactor - 2                                  | 2004                    | 850.00            | -----do-----          |
| Home Science Material (Bartan)                      | 2004                    | 4589.75           | -----do-----          |
| Home Science Material (Oth. Material)               | 2004                    | 8996.00           | -----do-----          |
| Gas Cylinder - Two                                  | 2004                    | 2074.72           | -----do-----          |
| Television  | 2004                    | 10490.00          | -----do-----          |
| D.V.D Player  | 2004                    | 11990.00          | -----do-----          |
| Office Table With One Side drawer 9                 | 2004                    | 12222.00          | -----do-----          |
| Office Table With Two Side drawer                   | 2004                    | 8028.00           | -----do-----          |
| Computer Table                                      | 2004                    | 3450.00           | -----do-----          |
| Office Chair Can Seat & Back -80                    | 2004                    | 28640.00          | -----do-----          |
| Computer Chair                                      | 2004                    | 1575.00           | -----do-----          |
| Ex. Rev. Chair                                      | 2004                    | 2859.00           | -----do-----          |
| Rack - 2 (Covered Side Rack)                        | 2004                    | 1500.00           | -----do-----          |
| Steel Rack - 1                                      | 2004                    | 1617.00           | -----do-----          |
| Scanner   | 2004                    | 3700.00           | Not Working           |
| Library book - 40 No.                               | 2004                    |                   | Working order         |
| Library book - 6 No.                                | 2004                    | 1064.00           | -----do-----          |
| Steel Book Shelf -2                                 | 2004                    | 6579.28           | -----do-----          |
| Chair donlup cushion                                | 2004                    | 12360.00          | -----do-----          |
| Invertor Battery                                    | 2004                    | 11200.00          | -----do-----          |
| Generator - 5 KVA                                   | 2004                    | 3700.00           | -----do-----          |
| Photo copier G1508                                  | 2004                    | 61240.00          | Not working           |
| Stabilizer 5 KVA                                    | 2004                    | 5000.00           | Working order         |
| Slide Projector                                     | 2004                    |                   | -----do-----          |
| Over hade Projector                                 | 2004                    |                   | -----do-----          |
| Soil Science Unit Grinder, Sale Willy Mill Chamalur | 2005                    | 23252.40          | -----do-----          |
| Conductivity Meter - 1                              | 2005                    | 8750.00           | -----do-----          |
| Mechanical Shaper - 1                               | 2005                    | 5270.00           | -----do-----          |
| Cooler  | 2005                    | 5670.00           | -----do-----          |
| Office Table With Two Side drawer                   | 2005                    | 1950.00           | -----do-----          |
| Ex. Rev. Chair                                      | 2005                    | 2800.00           | -----do-----          |
| Steel Rack - 1                                      | 2005                    | 1464.48           | -----do-----          |
| Steel Rack - 2                                      | 2005                    | 2713.92           | -----do-----          |
| Book Case - 1                                       | 2005                    | 2933.00           | -----do-----          |
| Book Shelf  | 2005                    | 5586.00           | -----do-----          |
| Ex. Table   | 2005                    | 4215.00           | -----do-----          |
| Printer   | 2005                    | 2900.00           | Not working           |
| Library book - 13 No.                               | 2005                    | 1483.00           | Working order         |
| Library book - 6 No.                                | 2005                    | 1782.00           | -----do-----          |
| Library book - 3 No.                                | 2005                    | 1098.00           | -----do-----          |
| Library book - 2 No.                                | 2005                    | 168.00            | -----do-----          |
| Chemical Balance                                    | 2005                    | 87000.00          | -----do-----          |

|  |          |           |               |
|--|----------|-----------|---------------|
| Oven   | 2005     | 14500.00  | -----do-----  |
| Refrigerator With Stabilizer                     | 2005     | 12000.00  | -----do-----  |
| Microscope                                       | 2005     | 4600.00   | -----do-----  |
| Kejeldal Digestion Unit For Six Slash - 2        | 2005     | 13400.00  | -----do-----  |
| Kejeldal Distillation Unit for 6 Slash - 2       | 2005     | 30000.00  | -----do-----  |
| Spectrophotometer                                | 2005     | 106500.00 | -----do-----  |
| Flame Photometer                                 | 2005     | 33430.00  | -----do-----  |
| PH Meter   | 2005     | 10350.00  | Working order |
| Hot Plate  | 2005     | 8200.00   | -----do-----  |
| Water Distillation Unit                          | 2005     | 85000.00  | -----do-----  |
| Soil Science Unit (Others Materials)             | 2005     | 15179.00  | -----do-----  |
| Physical Balance                                 | 2005     | 11990.00  | -----do-----  |
| Phawara - 6                                      | 2005     | 780.00    | -----do-----  |
| Khurpi – 12                                      | 2005     | 300.00    | -----do-----  |
| Laboratory Tray- 4                               | 2005     | 2200.00   | -----do-----  |
| Sieves Brass - 5                                 | 2005     | 2480.00   | -----do-----  |
| Tube well Boring - 1                             | 2005     | 9850.00   | -----do-----  |
| Diesel Suction Pump                              | 2005     | 3278.70   | -----do-----  |
| Reading Cum Conference Table                     | 2006     | 9850.00   | -----do-----  |
| Stabilizer 6 KVA                                 | 2006     | 5500.00   | -----do-----  |
| Grinder/milling machine with motor               | 31.03.11 | 18850.00  | -----do-----  |
| Humidityfier                                     | 31.03.11 | 17800.00  | -----do-----  |
| Electronic polybag sealing machine               | 31.03.11 | 4300.00   | -----do-----  |
| Physical Scale                                   | 31.03.11 | 3500.00   | -----do-----  |
| Electronic scale                                 | 31.03.11 | 46200.00  | -----do-----  |
| Steplizer  | 31.03.11 | 2622.00   | -----do-----  |
| BOD incubator                                    | 31.03.11 | 46075.00  | -----do-----  |
| Steplizer  | 31.03.11 | 4218.00   | -----do-----  |
| laminar flow bench with access table with manome | 31.03.11 | 44460.00  | -----do-----  |
| Steplizer  | 31.03.11 | 19665.00  | -----do-----  |
| Corcyra cages                                    | 31.03.11 | 42750.00  | -----do-----  |
| microscope binocular                             | 31.03.11 | 32219.00  | -----do-----  |
| Manual weighing machine                          | 31.03.11 | 712.00    | -----do-----  |
| Hygrometer                                       | 31.03.11 | 1425.00   | -----do-----  |
| Medium duty stirrer                              | 31.03.11 | 10412.00  | -----do-----  |
| Hot air oven                                     | 31.03.11 | 10500.00  | -----do-----  |
| Hot plate with regulator                         | 31.03.11 | 1850.00   | -----do-----  |
| Vaccum cleaner                                   | 31.03.11 | 9000.00   | -----do-----  |
| Double Distillation apparatus                    | 31.03.11 | 48780.00  | -----do-----  |
| Deep freezer                                     | 31.03.11 | 29500.00  | Working order |
| Autoclave  | 31.03.11 | 44000.00  | -----do-----  |
| Mixer cum grinder                                | 31.03.11 | 10500.00  | -----do-----  |
| Fridge   | 29.02.12 | 16770.00  | -----do-----  |
| Hot air oven, Digital control                    | 31.03.12 | 34000.00  | -----do-----  |
| Air circulating fan                              | 31.03.12 | 2400.00   | -----do-----  |
| testube stand aluminium                          | 31.03.12 | 3700.00   | -----do-----  |
| Aorkborer ,machine                               | 31.03.12 | 3560.00   | -----do-----  |
| Haemo cytometer                                  | 31.03.12 | 6208.00   | -----do-----  |
| Inoculation/UV chamber                           | 31.03.12 | 19475.00  | -----do-----  |
| B.O.D. Incubator With Accessories                | 31.03.12 | 104857.00 | -----do-----  |
| Office Table                                     | 31.03.12 | 8320.00   | -----do-----  |
| Office Chair                                     | 31.03.12 | 6448.00   | -----do-----  |
| Computer Table                                   | 31.03.12 | 5200.00   | -----do-----  |
| Computer Chair                                   | 31.03.12 | 2808.00   | -----do-----  |
| Visitor chair                                    | 31.03.12 | 3640.00   | -----do-----  |

|   |            |           |               |
|---|------------|-----------|---------------|
| Stool                                     | 31.03.12   | 1976.00   | -----do-----  |
| Almira                                    | 31.03.12   | 15600.00  | -----do-----  |
| Book Case                                 | 31.03.12   | 11440.00  | -----do-----  |
| Rack                                      | 31.03.12   | 7700.00   | -----do-----  |
| Lab Table Steel Fram 8x2x                 | 31.03.12   | 24960.00  | -----do-----  |
| Capboard Steel Fram                       | 31.03.12   | 7488.00   | Working order |
| Inverter                                  | 31.03.12   | 6900.00   | -----do-----  |
| Battery                                   | 31.03.12   | 20764.00  | -----do-----  |
| Cooker                                    | 22.03.13   | 1400.00   | -----do-----  |
| Rice chalni                               | 22.03.13   | 650.00    | -----do-----  |
| Jug                                       | 22.03.13   | 450.00    | Working order |
| Bhagona With Dhakan                       | 22.03.13   | 1900.00   | Working order |
| Piller                                    | 22.03.13   | 180.00    | -----do-----  |
| Spoon                                     | 22.03.13   | 150.00    | -----do-----  |
| Souce Pain                                | 22.03.13   | 535.00    | -----do-----  |
| Air condition                             | 20.05.11   |           | -----do-----  |
| computer Desktop with assessorry& Monitor | 19.03.10   | 29000.00  | -----do-----  |
| Fax machine                               | 19.03.10   | 6500.00   | -----do-----  |
| Raised bed multi crop planter             | 20.11.10   | 57500.00  | -----do-----  |
| Paddy harrow                              | 20.03.2017 | 19000.00  | -----do-----  |
| Rotavator                                 | 16.03.2017 | 97832.00  | -----do-----  |
| 16 disc harrow                            | 16.03.2017 | 33220.00  | -----do-----  |
| Winnowing fan                             | 16.03.2017 | 2516.00   | -----do-----  |
| Tractor                                   | 01.03.2017 | 520863.00 | -----do-----  |
| Mridaparishak unit                        | 24.03.2017 | 86000.00  | -----do-----  |
| Submersible Tube well                     | 29.03.2017 | 125000.00 | -----do-----  |
| Steel Stool (Small-02)                    | 08.02.2018 | 1208.00   | -----do-----  |
| Filling Cabinet                           | 08.02.2018 | 9252.00   | -----do-----  |
| Steel Almirah                             | 08.02.2018 | 9504.00   | -----do-----  |

#### 1.8. A). Details SAC meeting conducted in the year

| Sl. N. | Date       | Name and Designation of Participants   | Salient Recommendations   | Action taken   |
|--------|------------|--|---|--|
| 1.     | 10.02.2020 | <ol style="list-style-type: none"> <li>1. Dr. S.K. Sachan, DE, SVPUAT, Meerut</li> <li>2. Dr. A.V. Singh, Prof. KVK Badaun-II</li> <li>3. Dr. S.C. Singh, Sr. Sci., UPSRC, Shahjahanpur</li> <li>4. Dr. Narendra Prasad, OIC KVK Shahjahanpur</li> <li>5. Dr. Yashvant Sigh, Dy. CVO, AH Dept. SPN</li> <li>6. Sh. Sunil Kr. Gupta, Prog. Farmer, Vill Babouri, SPN</li> <li>7. Sh. Ramnivas, Prog. Farmer, Vill Babouri, SPN</li> <li>8. Km. Pushpa Devi, , Prog. Woman Farmer, Vill Pachpeda, SPN</li> <li>9. Sh. Virendra Kr. Dixit, Prog. Farmer, Vill Vasulia, SPN</li> <li>10. Sh. Ramraksha Tiwari, Cane Supervisor, Roza,</li> </ol> | <p>Farmers should be motivated for crop residue management by organizing training and demonstration</p> <p>Each Scientist should adopt one village and organize KVK activities in that village for all round development of adopted</p> | <p>Under crop residue management village level-10, Block level-04 and district level-04 training programs were organized and motivated 2100 farmers participants. A total of 83 demonstration in 13 villages in 83.0 ha area were organized.</p> <p>A total of 05 village have been adopted and trainings and demonstration are being organized in</p> |



|  |   |  |   |
|--|---|--|---|
|  | SPN   | village  | the villages.   |
|  | 11. Sh. Anil Kr., Asstt. Hort. Supervisor, DHO, SPN       | Training on Poshan Vatika (Nutritional Kitchen Garden) be organized and according to family size, yearly availability of vegetables and fruits be advocated. | Under Poshan Jagrukta Abhiya-Sept. 2020, 12 trainings were organized and 824 participants were trained.   |
|  | 12. Sh. Ramnath, DH Office                                |  |   |
|  | 13. Sh. Sanjeev Kr. Jaisval, Sells Officer, UP Agro SPN   | Training Programs on medicinal and spices crops be organized   | Under medicinal crops 02 trainings were organized with 40 beneficiaries. Two trainings on Turmeric and Ginger cultivation were organized, in which 40 farmers participated. |
|  | 14. Sh. Meraj Ahmad, Farm Superintendent, Ag. Dept, SPN   |  |   |
|  | 15. Sh. Khushiram, DSO, SPN                               |  |   |
|  | 16. Sh. Satish Chandra Gupta, Cane Supervisor, SPN        |  |   |
|  | 17. Sh. Sudeep Tiwari, SMS, Ag. Dept. SPN                 |  |   |
|  | 18. Smt. Veeravati, Prog. Woman Farmer, Vill Ladhoul, SPN |  |   |
|  | 19. Sh. RP Bharti, Asstt. Dir. Fisheries, SPN             |  |   |
|  | 20. Sh. Rajeev Gangwar, Sugarcane Dept. SPN               |  |   |
|  | 21. Sh. Anil Kr. Tiwari, Dy. Dir. (Ag.), SPN              |  |   |
|  | 22. Dr. Nutan Verma, Prof. KVK Shahjahanpur               |  |   |
|  | 23. Dr. S.K. Verma, SMS, KVK Shahjahanpur                 |  |   |
|  | 24. Ku. Vidya Gupta, SMS KVK Shahjahanpur                 |  |   |
|  | 25. Dr. T.B. Yadav, SMS KVK Shahjahanpur                  |  |   |
|  | 26. Dr. Chandrapal, Trg. Asstt. KVK Shahjahanpur          |  |   |
|  | 27. Dr. M.K. Mishra, Programmer, KVK Shahjahanpur         |  |   |
|  | 28. Sh. Pushpraj Trg. Asstt. KVK Shahjahanpur             |  |   |
|  | 29. Sh. Anup Kumar, FM KVK Shahjahanpur                   |  |   |
|  | 30. Sh. Naresh Rathore, Acctt., KVK Shahjahanpur          |  |   |
|  | 31. Sh. Sandeep Saxena, Steno, KVK Shahjahanpur           | Farmers should be motivated to use cow-dung and cow-urine for natural crop production.   | For natural crop production, farmers are motivated to use cow-dung and cow-urine based mixtures to combate insect-pests and diseases in farmers fairs and Mela/Gosthi.      |
|  | 32. Sh. Rovit Kumar, SMS (Agromet), KVK Shahjahanpur      |  |   |
|  | 33. Sh. Dinesh, Peon, KVK Shahjahanpur                    |  |   |
|  | 34. Sh. Subham, Peon, KVK Shahjahanpur                    |  |   |
|  | 35. Sh. Sonu Gupta, Driver, KVK Shahjahanpur              |  |   |
|  |   | Mentha+Goatary cropping system should be promoted.   | Mentha farmers and being promoted to adopt the Goatary in a training, Gosthies and Kisan mela.  |
|  |   | Training program on  | Under floriculture  |

|  |  |  |   |   |
|--|--|--|---|---|
|  |  |  | floriculture should be organized.   | trainings 02 trainings on marigold cultivation were organized, in which 40 farmers participated.  |
|  |  |  | For seed production trainings, new varieties and their seed production techniques be promoted | Promotion of adoption of new high yielding varieties is being done via training and demonstration.  |
|  |  |  | Farmers should be motivated to adopt Agro-based small entrepreneurship                        | Training programs on Mushroom cultivation, apiary and production on of vermin-compost and NADEP compost are being organized and promoted among farmers. |

**Note : This yellow mark may be treated as an example**

**\* Attach a copy of SAC proceedings along with list of participants**

## **2. DETAILS OF DISTRICT (2020)**

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

| S. No | Farming system/enterprise                           |
|-------|---|
| 1     | Crop production system                              |
| 2     | Crop production and livestock production system     |
| 3     | Fruits / Vegetable /Floriculture /farming           |
| 4     | Fisheries, Poultry, Mushroom production and Goatary |

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

| S. No | Agro-climatic Zone     | Characteristics   |
|-------|------------------------|---|
| 1     | Mid Western plain zone | Alluvial, Calcareous , Clay , Saline Alkaline<br>Annual rainfall 807 mm |

| S. No | Agro-ecological situation   | Characteristics  |
|-------|---|--|
| 1     | AES-1<br>(Powayan Tehsil )<br>Block 1. Sindhauli<br>2. Powayan<br>3. Banda<br>4. Khutar                             | <ol style="list-style-type: none"> <li>1. Productive plain land under canal and tube well irrigation</li> <li>2. Main cropping system rice wheat sugar cane &amp; potato.</li> <li>3. Soil type – Loam ,Clay loam , Sandy loam,</li> </ol>                       |
| 2     | AES-2 (Sadar and Tilhar Tehsil )<br>Block- 1. Bhawalkhera<br>2. Dadraul<br>3. Negohi<br>4. Khudaganj<br>5. Tilhar   | <ol style="list-style-type: none"> <li>1. Plain and water logged under canal and tube well irrigation</li> <li>2. Major crops grown i.e. Rice, Wheat, S.Cane.Toria, Potato, Lentil, Urd&amp;Til</li> <li>3. Soil type loam,clay loam.</li> </ol>                 |
| 3     | AES-3 (Jalalabad Tehsil )<br>Block- 1. Jalalabad<br>2 Kant<br>3. Madnapur<br>4. Kalan<br>5. Mirjapur<br>6. Jaitipur | <ol style="list-style-type: none"> <li>1. Rainfed and tube well irrigated cultivable land</li> <li>2. Major crop – Jowar , Bajra , Til , Ground Nut, maize, Mustard , Lentile ,Urd , Wheat ,S.Cane , Paddy.</li> <li>3. Soil type – Sandy /sandy loam</li> </ol> |

### **2.3 Soil type/s**

| S. No | Soil type       | Characteristics  | Area in ha |
|-------|-----------------|--|------------|
| 1     | Sandy soil      | About 50% sand in this soil mostly rain fed farming                    | 157677     |
| 2     | Loam /Clay loam | Irrigated land & all crop grown  | 208899     |
| 3     | Loam            | In this soil paddy wheat and other oil seed and pulses crops are grown | 60818      |

### **2.4. Area, Production and Productivity of major crops cultivated in the district (2019-20)**

| S. No. | Crop            | Area (ha) | Production (qt.) | Productivity (qt. /ha) |
|--------|-----------------|-----------|------------------|------------------------|
| 1      | Rice            | 304931    | 667870           | 32150                  |
| 2      | Maize           | 40        | 120              | 30.02                  |
| 3      | Jowar           | 1108      | 1115             | 10.07                  |
| 4      | Bajra           | 3383      | 5264             | 15.56                  |
| 5      | Pulses (Kharif) | 4306      | 2830             | 5.35                   |
| 6      | Urd             | 13266     | 8981             | 6.75                   |
| 7      | Moong           | 39        | 15               | 3.97                   |

|    |               |        |          |        |
|----|---------------|--------|----------|--------|
| 8  | Ground nut    | 4711   | 71120    | 15.1   |
| 9  | Sesum (Til)   | 3867   | 5712     | 14.77  |
| 10 | Soybean       | 18     | 100      | 5.61   |
| 11 | Wheat         | 247700 | 989801   | 39.96  |
| 12 | Barley        | 258    | 734      | 28.46  |
| 13 | Gram          | 189    | 198      | 10.48  |
| 14 | Pea           | 182    | 1914     | 23.57  |
| 15 | Lentil        | 19543  | 19504    | 9.98   |
| 16 | Linseed       | 0      | 0        | 0      |
| 17 | Mustard/Toria | 14441  | 17734    | 12.28  |
| 18 | Sugarcane     | 72466  | 42879000 | 591.72 |

## 2.5. Weather data

| S. No | Month         | Rainfall (mm) | Temperature 0 C |         | Relative Humidity (%) |
|-------|---------------|---------------|-----------------|---------|-----------------------|
|       |               |               | Maximum         | Minimum |                       |
| 1     | January -2020 | 28.00         | 18.00           | 9.00    | 82                    |
| 2     | February      | 12.00         | 23.80           | 9.90    | 68                    |
| 3     | March         | 59.00         | 28.40           | 15.50   | 68                    |
| 4     | April         | 36.80         | 35.00           | 19.90   | 54                    |
| 5     | May           | 30.00         | 36.60           | 22.60   | 59                    |
| 6     | June          | 30.00         | 35.50           | 25.30   | 69                    |
| 7     | July          | 431.00        | 33.30           | 25.80   | 81                    |
| 8     | August        | 92.90         | 33.20           | 26.10   | 79                    |
| 9     | September     | 26.40         | 34.70           | 25.30   | 75                    |
| 10    | October       | 0.00          | 35.90           | 17.10   | 69                    |
| 11    | November      | 11.40         | 28.01           | 10.90   | 70                    |
| 12    | December      | 0.00          | 22.30           | 7.70    | 74                    |

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

| Category                     | Population | Production | Productivity |
|------------------------------|------------|------------|--------------|
| <b>Cattle</b>                |            |            |              |
| <i>Crossbreed/Indigenous</i> | 15663      | -          | -            |
| Buffalo                      | 228183     | -          | -            |
| Sheep+Goats                  | 277953     | -          | -            |
| Pigs                         | 24384      | -          | -            |
| Rabbits                      | 287        | -          | -            |
| <b>Poultry</b>               |            |            |              |
| Hens                         | 114247     | -          | -            |
| <i>Desi</i>                  | 28436      | -          | -            |
| <i>Horse</i>                 | 2807       | -          | -            |
| Dog                          | 75759      | -          | -            |

| Category      | Area (ha.) | Production (Mt.) | Productivity (kg/ha) |
|---------------|------------|------------------|----------------------|
| Fish          | 1910.285   | 5865.56          | 370.0                |
| <i>Marine</i> | -          | -                | -                    |
| <i>Inland</i> | -          | -                | -                    |
| Prawn         | -          | -                | -                    |
| Scampi        | -          | -                | -                    |
| Shrimp        | -          | -                | -                    |

## 2.7 Details of Operational area / Villages (2020)

| Sl No. | Taluk                      | Name of the block  | Name of the village   | Major crops & enterprises  | Major problem identified  | Identified Thrust Areas  |
|--------|----------------------------|--|---|--|---|--|
| 1-     | Sadar                      | Bhawalkhera, Madnapur,kant ,Dadraul  | Tiulak, Pena Bujurg, Mahumahesh, Daulatpur, Badavan, Daudpur,Niyampur, Tikri,Madnapur, Chndokha, Khaikhera, Mathana, Satwankhurd, Roshannagar, Guwari , Rampur Barkatpur ,Basak , Kakrakalan Daulatpur,Niwari.Khuta ria.Kapsera.Shahbajnar.,Gumta, Kuriyan Kalan and Akra-Rasulpur, | Rice , Wheat , Sugarcane ,Ground nut, Potato, Urd ,Lentil , Toria , Mustard / Mushroom production ,Vermi-compost , Seed production , Animal husbandry, Vegetable production ,Soil and water conservation, preservation of fruits and vegetable | 1. Non use of HYV seeds<br>2. Non use of balance fertilizers<br>3. Non use of PP measures<br>4.Non use of sulphur and boron in oilseed crop | 1.Need to enhance productivity by HYV of crops<br>2.Need to promote INM and IPM<br>3. Need to adopt organic farming<br>4. Need to promote agro based activities like Mushroom cultivation and value addition |
|        | Powayan, Jalalabad, Tilhar | Sindhauli ,Powayan , Jalalabad , Tilhar, Nigothi, Jaitipur, Banda, Khutar, Khudaganj, Mirzapur and Kalan | Jewa, MudiaKumiat, Bangwan,Barapur , Moorchha , Karnapur , ChakKanhau , Painakhurd , Siklapur ,Mudiyapawar , Nagariya , Nahil , Puraina ,DakiaHameednagar, Razau ,Chadari ,Benipur,,Dahar, Mirzapur, MuriaKurmiyat, Mahuwa Pathak, Rautapur, Rajanpur, Dahar, Jallapur and Majhil   | Rice , Wheat , Sugarcane ,Ground nut, Potato, Urd ,Lentil , Toria , Mustard / Mushroom production ,Vermi-compost , Seed production , Animal husbandry, Vegetable production ,Soil and water conservation, preservation of fruits and vegetable | 1. Non use of HYV seeds<br>2. Non use of balance fertilizers<br>3. Non use of PP measures<br>4.Non use of sulphur and boron in oilseed crop | 1.Need to enhance productivity by HYV of crops<br>2.Need to promote INM and IPM<br>3. Need to adopt organic farming<br>4. Need to promote agro based activities like Mushroom cultivation and value addition |

## 2.8 Priority/thrust areas

| Crop/Enterprise | Thrust area  |
|-----------------|--|
| Rice            | IPM, IDM, IWM and Integrated Nutrient Management   |
| Wheat           | Integrated Weed Management and Nutrient Management |
| Sugarcane       | Intercropping, IPM, IWM and INM                    |
| Pulses          | IPM, IWM & INM                                     |
| Oilseeds        | Use of sulphur and IWM                             |
| Vegetable       | INM & IPM, Protective vegetable cultivation        |

## 2.9 Intervention/ Programmes for the doubling the farmers income – during 2020 Demonstrations

| Before Interventions     | Main crop Yield(q/ha) | Inter crop Yield(q/ha) | Equivalent Yield(q/ha) | Cost of cultivation(Rs /ha)* | Net income (Rs/ha) | B.C: Ratio | Remark if any  |
|--------------------------|-----------------------|------------------------|------------------------|------------------------------|--------------------|------------|--|
| Sugarcane+ Toria         | 530                   | 5.7                    | 604.1                  | 98700                        | 100653             | 2.02       | Sugarcane space-75 cm<br>Toria- Broadcasted<br>Flood irrigation          |
| Sugarcane+ Lentil        | 580                   | 5.8                    | 662.2                  | 99200                        | 119326             | 2.20       | Sugarcane space-75 cm<br>Lentil- Broadcasted<br>Flood irrigation         |
| Sugarcane+ late mustard  | 510                   | 5.3                    | 580.7                  | 97900                        | 93731              | 1.96       | Sugarcane space-75 cm<br>late mustard - Broadcasted<br>Flood irrigation  |
| Sugarcane+ potato        | 600                   | 170                    | 1053.3                 | 171600                       | 175989             | 2.03       | Sugarcane space-75 cm<br>potato – One row<br>Flood irrigation            |
| Sugarcane+ Gram          | 590                   | 5.0                    | 673.3                  | 97200                        | 124989             | 2.29       | Sugarcane space-75 cm<br>Gram - Broadcasted<br>Flood irrigation          |
| Sugarcane+ Vegetable pea | 680                   | 160                    | 733.3                  | 124100                       | 117889             | 1.95       | Sugarcane space-75 cm<br>Vegetable pea - Broadcasted<br>Flood irrigation |
| Sugarcane+Urd            | 650                   | 5.2                    | 640.1                  | 98500                        | 112733             | 2.14       | Sugarcane space-75 cm<br>Urd - Broadcasted<br>Flood irrigation           |
| Sugarcane+ Moong         | 540                   | 4.9                    | 623.3                  | 97900                        | 107789             | 2.10       | Sugarcane space-75 cm<br>Moong - Broadcasted<br>Flood irrigation         |
| Sugarcane+ Mentha oil    | 540                   | 0.65                   | 713.3                  | 132600                       | 102789             | 1.78       | Sugarcane space-75 cm<br>Mentha – Two lines<br>Flood irrigation          |

**Discussion:** Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) \*

| After Interventions      | Main crop Yield(q/ha) | Inter crop Yield(q/ha) | Equivalent yield(q/ha) | Cost of cultivation (Rs/ha)* | Net income (Rs/ha) | B.C: Ratio | Remark if any   |
|--------------------------|-----------------------|------------------------|------------------------|------------------------------|--------------------|------------|---|
| Sugarcane+ Toria         | 730                   | 8.5                    | 840.5                  | 103910                       | 173455             | 2.66       | Sugarcane trench method<br>Toria- Two rows<br>Irrigation in trench          |
| Sugarcane+ Lentil        | 710                   | 8.6                    | 831.8                  | 106600                       | 263834             | 2.57       | Sugarcane trench method<br>Lentil - Two rows<br>Irrigation in trench        |
| Sugarcane+ late mustard  | 700                   | 7.2                    | 809.3                  | 102750                       | 164319             | 2.60       | Sugarcane trench method<br>late mustard - Two rows<br>Irrigation in trench  |
| Sugarcane+ potato        | 750                   | 225                    | 1350                   | 185600                       | 259900             | 2.40       | Sugarcane trench method<br>potato - Two rows<br>Irrigation in trench        |
| Sugarcane+ Gram          | 710                   | 6.50                   | 818.3                  | 99700                        | 170335             | 2.71       | Sugarcane trench method<br>Gram - Two rows<br>Irrigation in trench          |
| Sugarcane+ Vegetable pea | 720                   | 225                    | 1136.7                 | 135700                       | 239411             | 2.76       | Sugarcane trench method<br>Vegetable pea - Two rows<br>Irrigation in trench |
| Sugarcane+Urd            | 720                   | 7.90                   | 856.7                  | 102500                       | 180211             | 2.76       | Sugarcane trench method<br>Urd- Two rows<br>Irrigation in trench            |
| Sugarcane+ Moong         | 710                   | 6.50                   | 802.5                  | 99980                        | 164845             | 2.65       | Sugarcane trench method<br>Moong - Two rows<br>Irrigation in trench         |
| Sugarcane+ Mentha oil    | 650                   | 0.78                   | 858                    | 138200                       | 144940             | 2.05       | Sugarcane trench method<br>Mentha - Two rows<br>Irrigation in trench        |

**Discussion:** Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) \*  
Sugarcane rate @ Rs 330/qt

| <b>Before Interventions</b>                            | <b>Main crop Yield(q/ha)</b> | <b>Inter crop Yield(q/ha)</b> | <b>Equivalent yield(q/ha)</b> | <b>Cost of cultivation(Rs/ha)*</b> | <b>Net income(Rs/ha)</b> | <b>B.C: Ratio</b> | <b>Remark if any</b> |
|--|------------------------------|-------------------------------|-------------------------------|------------------------------------|--------------------------|-------------------|----------------------|
| Mono Cropping System(Kharif-Rabi-Zaid) -Livestock etc. |                              |                               |                               |                                    |                          |                   |                      |
|  |                              |                               |                               |                                    |                          |                   |                      |
|  |                              |                               |                               |                                    |                          |                   |                      |

**Discussion:** Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) \*

| <b>After Interventions</b>                             | <b>Main crop Yield(q/ha)</b> | <b>Inter crop Yield(q/ha)</b> | <b>Equivalent yield(q/ha)</b> | <b>Cost of cultivation(Rs/ha)*</b> | <b>Net income(Rs/ha)</b> | <b>B.C: Ratio</b> | <b>Remark if any</b> |
|--|------------------------------|-------------------------------|-------------------------------|------------------------------------|--------------------------|-------------------|----------------------|
| Mono Cropping System(Kharif-Rabi-Zaid) -Livestock etc. |                              |                               |                               |                                    |                          |                   |                      |
|  |                              |                               |                               |                                    |                          |                   |                      |
|  |                              |                               |                               |                                    |                          |                   |                      |

**Discussion:** Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) \*

| <b>Before Interventions</b>                             | <b>Main crop Yield(q/ha)</b> | <b>Inter crop Yield(q/ha)</b> | <b>Equivalent yield(q/ha)</b> | <b>Cost of cultivation(Rs/ha)*</b> | <b>Net income(Rs/ha)</b> | <b>B.C: Ratio</b> | <b>Remark if any</b> |
|---|------------------------------|-------------------------------|-------------------------------|------------------------------------|--------------------------|-------------------|----------------------|
| Relay Cropping System(Kharif-Rabi-Zaid) -Livestock etc. |                              |                               |                               |                                    |                          |                   |                      |
|   |                              |                               |                               |                                    |                          |                   |                      |
|   |                              |                               |                               |                                    |                          |                   |                      |

**Discussion:** Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) \*



| After Interventions                                    | Main crop Yield(q/ha) | Inter crop Yield(q/ha) | Equivalent yield(q/ha) | Cost of cultivation(Rs/ha)* | Net income(Rs/ha) | B.C: Ratio | Remark if any |
|--|-----------------------|------------------------|------------------------|-----------------------------|-------------------|------------|---------------|
| Relay Cropping System(Kharif-Rabi-Zaid)-Livestock etc. |                       |                        |                        |                             |                   |            |               |
|  |                       |                        |                        |                             |                   |            |               |
|  |                       |                        |                        |                             |                   |            |               |

**Discussion:** Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) \*

| Before Interventions                                  | Main crop Yield(q/ha) | Inter crop Yield(q/ha) | Equivalent yield(q/ha) | Cost of cultivation(Rs/ha)* | Net income(Rs/ha) | B.C: Ratio | Remark if any |
|---|-----------------------|------------------------|------------------------|-----------------------------|-------------------|------------|---------------|
| Mixed Farming System(Kharif-Rabi-Zaid)-Livestock etc. |                       |                        |                        |                             |                   |            |               |
|   |                       |                        |                        |                             |                   |            |               |
|   |                       |                        |                        |                             |                   |            |               |

**Discussion:** Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) \*

| After Interventions                                    | Main crop Yield(q/ha) | Inter crop Yield(q/ha) | Equivalent yield(q/ha) | Cost of cultivation(Rs/ha)* | Net income(Rs/ha) | B.C: Ratio | Remark if any |
|--|-----------------------|------------------------|------------------------|-----------------------------|-------------------|------------|---------------|
| Mixed Farming System(Kharif-Rabi-Zaid) -Livestock etc. |                       |                        |                        |                             |                   |            |               |
|  |                       |                        |                        |                             |                   |            |               |
|  |                       |                        |                        |                             |                   |            |               |

**Discussion:** Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) \*

| <b>Before Interventions</b>                   | <b>Main crop Yield(q/ha)</b> | <b>Inter crop Yield(q/ha)</b> | <b>Equivalent yield(q/ha)</b> | <b>Cost of cultivation(Rs/ha)*</b> | <b>Net income(Rs/ha)</b> | <b>B.C: Ratio</b> | <b>Remark if any</b> |
|---|------------------------------|-------------------------------|-------------------------------|------------------------------------|--------------------------|-------------------|----------------------|
| IFS System(Kharif-Rabi-Zaid) - Livestock etc. |                              |                               |                               |                                    |                          |                   |                      |
|   |                              |                               |                               |                                    |                          |                   |                      |
|   |                              |                               |                               |                                    |                          |                   |                      |

**Discussion:** Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) \*

| <b>After Interventions</b>                    | <b>Main crop Yield(q/ha)</b> | <b>Inter crop Yield(q/ha)</b> | <b>Equivalent yield(q/ha)</b> | <b>Cost of cultivation(Rs/ha)*</b> | <b>Net income(Rs/ha)</b> | <b>B.C: Ratio</b> | <b>Remark if any</b> |
|---|------------------------------|-------------------------------|-------------------------------|------------------------------------|--------------------------|-------------------|----------------------|
| IFS System(Kharif-Rabi-Zaid) - Livestock etc. |                              |                               |                               |                                    |                          |                   |                      |
|   |                              |                               |                               |                                    |                          |                   |                      |
|   |                              |                               |                               |                                    |                          |                   |                      |

**Discussion:** Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) \*

Note- Same format may be used for OFT.

### 3. TECHNICAL ACHIEVEMENTS

#### 3.A. Details of target and achievements of mandatory activities by KVK during 2020

| OFT (Technology Assessment and Refinement) |             |                     |             | FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises) |             |                   |             |
|--|-------------|---------------------|-------------|---|-------------|-------------------|-------------|
| 1  |             |                     |             | 2   |             |                   |             |
| Number of OFTs                             |             | Total no. of Trials |             | Area in ha  |             | Number of Farmers |             |
| Targets                                    | Achievement | Targets             | Achievement | Targets   | Achievement | Targets           | Achievement |
| 07   | 05          | 37                  | 10          | 85+110*   | 129+110*    | 285               | 275         |

\* No. of Animals

| Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit) |         |             |                        |             | Extension Activities |             |                        |             |
|--|---------|-------------|------------------------|-------------|----------------------|-------------|------------------------|-------------|
| Number of Courses  |         |             | Number of Participants |             | Number of activities |             | Number of participants |             |
| Clientele  | Targets | Achievement | Targets                | Achievement | Targets              | Achievement | Targets                | Achievement |
| Farmers  | 63      | 33          | 700                    | 660         | 1284                 | 281         | 36943                  | 3239        |
| Rural youth  | 12      | 06          | 120                    | 60          |                      |             |                        |             |
| Extn. Functionaries  | 15      | 10          | 450                    | 289         |                      |             |                        |             |

| Seed Production (Qtl.) |             |                               | Planting material (Nos.) |             |                               |
|------------------------|-------------|-------------------------------|--------------------------|-------------|-------------------------------|
| 5                      |             |                               | 6                        |             |                               |
| Target                 | Achievement | Distributed to no. of farmers | Target                   | Achievement | Distributed to no. of farmers |
| 200                    | 186.8       | -                             | 20000                    | 39840       | 59                            |

| Soil/plant/water Analysis |             |                        |
|---------------------------|-------------|------------------------|
| 5                         |             |                        |
| Target                    | Achievement | No. of farmers covered |
| 1200                      | 123         | 123                    |

## I.A. TECHNOLOGY ASSESSMENT

**P**

### Summary of technologies assessed under various crops by KVKs

| Thematic areas                                   | Crop           | Name of the technology assessed | No. of trials | No. of farmers |
|--|----------------|---------------------------------|---------------|----------------|
| Integrated Nutrient Management                   | -              | -                               | -             | -              |
|  | -              | -                               | -             | -              |
|  |                |                                 |               |                |
|  | Marigold       | Varietal evaluation of Marigold | 02            | 02             |
|  |                |                                 |               |                |
| Integrated Pest Management                       | -              | -                               |               |                |
|  | -              | -                               |               |                |
|  | -              | -                               |               |                |
|  |                |                                 |               |                |
| Integrated Crop Management                       |                |                                 |               |                |
| Integrated Disease Management                    | Paddy          | Sheath Blight Management        | 03            | 03             |
|  |                |                                 |               |                |
| Small Scale Income Generation Enterprises        | Value addition | Value addition of mango         | 05            | 05             |
|  |                |                                 |               |                |
| Weed Management                                  |                |                                 |               |                |
|  |                |                                 |               |                |
| Resource Conservation Technology                 |                |                                 |               |                |
|  |                |                                 |               |                |
| Farm Machineries                                 |                |                                 |               |                |
|  |                |                                 |               |                |
| Integrated Farming System                        |                |                                 |               |                |
|  |                |                                 |               |                |
| Seed / Plant production                          |                |                                 |               |                |
|  |                |                                 |               |                |
| Post Harvest Technology / Value addition         |                |                                 |               |                |
|  |                |                                 |               |                |
| Drudgery Reduction                               |                |                                 |               |                |
|  |                |                                 |               |                |
| Storage Technique                                |                |                                 |               |                |
|  |                |                                 |               |                |
| Others (Pl. specify)-<br>Household Food Security |                |                                 |               |                |
| <b>Total</b>                                     |                |                                 | <b>10</b>     | <b>10</b>      |

### Summary of technologies assessed under livestock by KVKs

| Thematic areas               | Name of the livestock enterprise | Name of the technology assessed   | No. of trials | No. of farmers |
|------------------------------|----------------------------------|---|---------------|----------------|
| Disease(disorder) Management | Buffalo                          | Assessment of Clinical and non-clinical remedies in controlling repeat breeding | 15            | 15             |
| Evaluation of Breeds         | -                                | -   | -             | -              |
| Feed and Fodder management   | -                                | -   | -             | -              |
| Nutrition Management         | Buffalo                          | On-farm validation trial to assess to impact of mineral supplement under        | 40            | 40             |

|                           |   |  |           |           |
|---------------------------|---|--|-----------|-----------|
|                           |   | taken at farm gate level with a special focus on problematic dairy animal. Response to the mineral supplementation will be ascertained by measuring relevant parameters related to production and reproduction. Farmers perception will be recorded about socio-economic feasibility of the mineral supplement |           |           |
| Production and Management | - | -  | -         | -         |
| Others (Pl. specify)      | - | -  | -         | -         |
| <b>Total</b>              |   |  | <b>55</b> | <b>55</b> |

#### Summary of technologies assessed under various enterprises by KVKs- NA

| Thematic areas | Enterprise | Name of the technology assessed | No. of trials | No. of farmers |
|----------------|------------|---------------------------------|---------------|----------------|
|                |            |                                 |               |                |
|                |            |                                 |               |                |

### I. B. TECHNOLOGY REFINEMENT

#### Summary of technologies refined under various crops by KVKs- NA

| Thematic areas                            | Crop | Name of the technology refined | No. of trials | No. of farmers |
|---|------|--------------------------------|---------------|----------------|
| Integrated Nutrient Management            | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Varietal Evaluation                       | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Integrated Pest Management                | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Integrated Crop Management                | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Integrated Disease Management             | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Small Scale Income Generation Enterprises | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Weed Management                           | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Resource Conservation Technology          | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Farm Machineries                          | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Integrated Farming System                 | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Seed / Plant production                   | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Value addition                            | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Drudgery Reduction                        | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Storage Technique                         | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| Others (Pl. specify)                      | -    | -                              | -             | -              |
|   | -    | -                              | -             | -              |
| <b>Total</b>                              |      |                                |               |                |

### Summary of technologies refined under various livestock by KVKs-NA

| Thematic areas             | Name of the livestock enterprise | Name of the technology refined | No. of trials | No. of farmers |
|----------------------------|----------------------------------|--------------------------------|---------------|----------------|
| Disease Management         | NA                               | NA                             | NA            | NA             |
| Evaluation of Breeds       | NA                               | NA                             | NA            | NA             |
| Feed and Fodder management | NA                               | NA                             | NA            | NA             |
| Nutrition Management       | NA                               | NA                             | NA            | NA             |
| Production and Management  | NA                               | NA                             | NA            | NA             |
| Others (Pl. specify)       | NA                               | NA                             | NA            | NA             |
| <b>Total</b>               |                                  |                                |               |                |

### Summary of technologies refined under various enterprises by KVKs -NA

| Thematic areas | Enterprise | Name of the technology assessed | No. of trials | No. of farmers |
|----------------|------------|---------------------------------|---------------|----------------|
|                | -          | -                               | -             | -              |
|                | -          | -                               | -             | -              |
|                | -          | -                               | -             | -              |
|                | -          | -                               | -             | -              |

## I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

### 1. Problem definition: Low productivity of marigold due to use of local variety

**Technology Assessed:** Use of high yielding varieties of marigold.

KVK, Shahjahanpur, Uttar Pradesh conducted on-farm trial to assess the use of high yielding varieties Arka Honey to compare with local variety Hawaii Orange.

**Table: Production of local and high yielding varieties of marigold**

| Technology Option        | No. of trials | Yield (t/ha) | Net Returns (Rs in lakh/ha) |
|--------------------------|---------------|--------------|-----------------------------|
| T1- Hawaii Orange(Local) | 02            | 9.83         | 1.12                        |
| T2- Arka Honey           |               | 14.56        | 2.26                        |

### PEST AND DISEASE MANAGEMENT

**5-Problem definition:** Low yield of paddy due to incidence of Sheath Blight.

**Technology Assessed:** Management of Sheath Blight seed treatment and spray chemical.

Paddy is an important cereal crop of mid western plane zone of U.P. However, the productivity of paddy is badly affected by incidence and severity of Sheath Blight disease in distt. Shahjahanpur. To assess the performance of management technology of the problem and OFT was conducted at three locations of farmer's field in 1.20 ha area. The performance of OFT conducted revealed that management technology used can increase by 31.82% yield over farmer's practice.

**Table: Effect of Seed Treatment and spray chemical on incidence and severity of Sheath Blight diseases in paddy**

| <i>Technology Option</i>  | <i>No. of trials</i> | <i>Disease Incidence (%)</i> | <i>Yield (q/ha)</i> | <i>% Increase in yield</i> | <i>Cost of cultivation (Rs./ha)</i> | <i>Gross Return (Rs./ha)</i> | <i>Net Return (Rs./ha)</i><br><i>(Rs./ha)</i> | <i>B:C Ratio</i> |
|---|----------------------|------------------------------|---------------------|----------------------------|-------------------------------------|------------------------------|---|------------------|
| <i>T1-Farmers Practices</i><br><i>Carbendazim @ 1.0 kg/ha foliar spray</i>                            | 03                   | 11.3                         | 42.10               | -                          | 48500                               | 77885                        | 29385   | 1.60             |
| <i>T2- Seed Treatment</i><br><i>Tricyclazole@2g/kg seed+ 2 spray of Thifluzamide 24% SC@375 ml/ha</i> |                      | 2.1                          | 55.50               | 31.82                      | 50200                               | 102675                       | 52475   | 2.04             |

## 2. Value Addition

**Problem definition:** Low income of farm women due to no value addition of mango commercially.

**Technology Assessed:** Assessment of mango squash, mango papad and amchour making and its marketing for gradational income. Women in rural areas knew only to prepare pickle and chatani from mango. The do not knew how to prepare squash, aampapad and amchour. An OFT on no value addition of mango was design and conducted. The performance of OFT revealed that the value addition of mango can double the family income of rural women.

**Critical Input:** Preservatives

**Table : Assessment of value addition of mango**

| <i>Technology Option</i>                        | <i>No. of trials</i> | <i>Product Kg/qt</i> | <i>Gross Cost Rs.</i> | <i>Gross Return Rs.</i> | <i>Net Returns Rs.</i> | <i>% increase in net return</i> | <i>B:C Ratio</i> |
|---|----------------------|----------------------|-----------------------|-------------------------|------------------------|---------------------------------|------------------|
| <i>T1-Farmers Practices (Mango pickle only)</i> | 05                   | 138                  | 3864                  | 4830                    | 966                    | -                               | 1.25             |
| <i>T2-</i>                                      |                      |                      |                       |                         |                        |                                 |                  |
| a. Preparation of mango squash                  |                      | 192                  | 9216                  | 17280                   | 8064                   | 735                             | 1.88             |
| b. AamPapad                                     |                      | 19                   | 2736                  | 4720                    | 1984                   | 105                             | 1.73             |
| c. Amchour                                      | 19                   | 1428                 | 3522                  | 2094                    | 117                    | 2.47                            |                  |

## LIVESTOCK ENTERPRISES

### OFT: 5 ON REPEAT BREEDING

**Problem definition:** Higher incidence of repeat breeding in buffaloes resulting lower productivity and profitability of dairying.

**Technology assessed or refined (as the case may be):** Assessment of clinical and non-clinical remedies in controlling repeat breeding in buffaloes in Distric: Shahjahanpur

KVK, conducted trial to find out suitable control measure for repeat breeding in buffaloes as the recommended practice could not stop recurrence of repeat breeding to the desired level. The technology recommended was fine tuned by including Receptol injection for the control of repeat breeding.

**Table Effect of Receptol injection in the control of repeat breeding.**

| <b>Technology Option</b>  | <b>No. of trials</b> | <b>Per cent incidence of repeat breeding</b> |
|---|----------------------|--|
| <i>Use choker (Farmers practice)</i>  | 15                   | 100  |
| <i>Mineral mixture @50g/day/animal up to 45 day + Receptol 5 ml ( 72-96 hrs before AI or Natural breeding) recommended practice</i> |                      | 7  |

**OFT: 6ON NUTRIENT MANAGEMENT**

**Problem definition:** Higher age at first calving in buffaloes due to mineral deficiency.

**Technology assessed or refined (as the case may be):** Use of mineral mixture provided by Department of animal nutrition, I.V.R.I. Bareilly (PI- Dr.Narayan Dutta) supplementation in buffalo heifers.

KVK, Shahjahanpur conducted on-farm trial to find out the effect of mineral mixture supplementation on buffalo heifers not responding/responding but not conceived.( age group between 3 year to 5.5 year) The **assessed** practice of mineral mixture supplementation @ 50 gram/day/animal ( heifers) for 100 days was found that 72.5 % heifers are conceived.

**Table Effect of mineral mixture supplementation in enhancing conception rate and fertility in buffalo heifers.**

| <b>Technology Option</b>  | <b>No. of trials</b> | <b>Responding Rate %</b> | <b>Conception rate %</b> | <b>Repeating Rate%</b> |
|---|----------------------|--------------------------|--------------------------|------------------------|
| <b>T1:</b> Use of choker and common salt (Farmers Practice)                                       | 40                   | -                        | -                        | -                      |
| <b>T1+</b> mineral mixture supplementations @50g/day/heifers for 100 days. (Recommended Practice) |                      | 87.50                    | 72.50                    | 15.00                  |



## II. FRONTLINE DEMONSTRATION

### a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2020 and recommended for large scale adoption in the district

| S. No | Crop/ Enterprise        | Thematic Area | Technology demonstrated  | Details of popularization methods suggested to the Extension system          | Horizontal spread of technology |                |            |
|-------|-------------------------|---------------|--|--|---------------------------------|----------------|------------|
|       |                         |               |  |  | No. of villages                 | No. of farmers | Area in ha |
| 1     | Mustard Rabi 2019-20    | ICM           | HYV Seed(Pant rai 21) 5.0 kg/ha<br>B.Sulphur @ 25 Kg/ha.,<br>Mancozeb+carbendazim @ 1.250kg/ha<br>Imidachloprid @ 0.25L/ha                                       | Training, Demonstration, Field day, Field visit, Print and Electronic media, | 13                              | 50             | 20.00      |
| 2     | Lentil Rabi 2019-20     | ICM           | HYV Seed (PL-08)30 kg/ha<br>Carbendazim+Mancozeb @ 1.250 kg/ha<br>Imidachloprid @ 0.250 L/ha<br>Sulphur @ 2.5 kg/ha  | Training, Demonstration, Field day, Field visit, Print and Electronic media, | 21                              | 75             | 30.00      |
| 3     | Sesamum Kharif – 2020   | ICM           | HYV Seed@ 5 kg/ha, Mancozeb+<br>carbendazim @ 1.25kg/ha,<br>Quanalphose @ 2.5 ltr/ha,<br>Trichoderma@5kg/ha,   | Training, Demonstration, Field day, Field visit, Print and Electronic media, | 07                              | 25             | 10.00      |
| 4     | Groundnut Kharif – 2020 | ICM           | HYV Seed@100kg/ha,<br>Imizathyphur @ 2.5 Unit/ha<br>Mancozeb+carbendazim@1.25kg/ha,<br>Imidaclorid@0.25ltr/ha<br>chlorpyriphos@4.0ltr/ha,<br>Trichoderma@5 kg/ha | Training, Demonstration, Field day, Field visit, Print and Electronic media, | 02                              | 50             | 20.00      |
| 5     | Blackgram Kharif – 2020 | ICM           | HYV (PU 40)@15 kg/ha,<br>Mancozeb+carbendazim@1.25kg/ha,Imidachl<br>oprid @ 0.25 ltr/ha, Quanalphose @ 2.5 ltr/ha,<br>Trichoderma@5kg/ha                         | Training, Demonstration, Field day, Field visit, Print and Electronic media, | 09                              | 25             | 10.00      |
| 6     | Greengram Kharif- 2020  | ICM           | HYV (SML 668)@15 kg/ha,<br>Mancozeb+carbendazim@1.25kg/ha,Imidachl<br>oprid @ 0.25 ltr/ha, Quanalphose @ 2.5 ltr/ha,<br>Trichoderma@5kg/ha                       | Training, Demonstration, Field day, Field visit, Print and Electronic media, | 18                              | 25             | 10.00      |
| 7     | Mustard Rabi 2020-21    | ICM           | HYV Seed(RH 749 & Pitambari) 5.0 kg/ha<br>B.Sulphur @ 25 Kg/ha.,<br>Mancozeb+carbendazim @ 1.250kg/ha<br>Imidachloprid @ 0.25L/ha                                | Training, Demonstration, Field day, Field visit, Print and Electronic media, | 42                              | 75             | 30.00      |
| 8     | Lentil Rabi 2020-21     | ICM           | HYV Seed (L-4717)30 kg/ha<br>Carbendazim+Mancozeb @ 1.25 kg/ha<br>Imidachloprid @ 0.250 L/ha<br>Sulphur @ 2.5 kg/ha  | Training, Demonstration, Field day, Field visit, Print and Electronic media, | 15                              | 25             | 10.00      |

**b. Details of FLDs implemented during 2020**

| Sl. No. | Crop      | Thematic area | Technology Demonstrated   | Season and year | Area (ha) |        | No. of farmers/ demonstration |        |       | Reasons for shortfall in achievement |
|---------|-----------|---------------|---|-----------------|-----------|--------|-------------------------------|--------|-------|--------------------------------------|
|         |           |               |   |                 | Proposed  | Actual | SC/ST                         | Others | Total |                                      |
| 1       | Mustard   | ICM           | HYV Seed(Pant rai 21) 5.0 kg/ha<br>B.Sulphur @ 25 Kg/ha.,<br>Mancozeb+carbendazim @ 1.250kg/ha<br>Imidachloprid @ 0.25L/ha  | Rabi 2019-20    | 20.00     | 20.00  | 01                            | 49     | 50    | -                                    |
| 2       | Lentil    | ICM           | HYV Seed (PL-08)30 kg/ha<br>Carbendazim+Mancozeb @ 1.250 kg/ha<br>Imidachloprid @ 0.250 L/ha<br>Sulpher @ 2.5 kg/ha   | Rabi 2019-20    | 30.00     | 30.00  | 01                            | 74     | 75    | -                                    |
| 3       | Sesamum   | ICM           | HYV Seed@ 5 kg/ha, Mancozeb+<br>carbendazim @1.25kg/ha,<br>Quanalphose @ 2.5 ltr/ha,<br>Trichoderma@5kg/ha,   | Kharif – 2020   | 10.00     | 10.00  | -                             | 25     | 25    | -                                    |
| 4       | Groundnut | ICM           | HYV Seed@100kg/ha,<br>Imizathyphur @ 2.5 Unit/ha<br>Mancozeb+carbendazim@1.25kg/ha,<br>Imidacloprid@0.25ltr/ha<br>chlorpyriphos@4.0ltr/ha,<br>Trichoderma@5 kg/ha | Kharif – 2020   | 20.00     | 20.00  | 11                            | 39     | 50    | -                                    |
| 5       | Blackgram | ICM           | HYV (PU 40)@15 kg/ha,<br>Mancozeb+carbendazim@1.25kg/ha,Imidac<br>hloprid @ 0.25 ltr/ha, Quanalphose @ 2.5<br>ltr/ha, Trichoderma@5kg/ha                          | Kharif – 2020   | 10.00     | 10.00  | 04                            | 21     | 25    | -                                    |
| 6       | Greengram | ICM           | HYV (SML 668)@15 kg/ha,<br>Mancozeb+carbendazim@1.25kg/ha,Imidac<br>hloprid @ 0.25 ltr/ha, Quanalphose @ 2.5<br>ltr/ha, Trichoderma@5kg/ha                        | Kharif-2020     | 10.00     | 10.00  | -                             | 25     | 25    | -                                    |
| 7       | Mustard   | ICM           | HYV Seed(RH 749 &Pitambari) 5.0 kg/ha<br>B.Sulphur @ 25 Kg/ha.,<br>Mancozeb+carbendazim @ 1.250kg/ha<br>Imidachloprid @ 0.25L/ha                                  | Rabi 2020-21    | 30.00     | 30.00  | 07                            | 68     | 75    | -                                    |
| 8       | Lentil    | ICM           | HYV Seed (L-4717)30 kg/ha<br>Carbendazim+Mancozeb @ 1.25 kg/ha<br>Imidachloprid @ 0.250 L/ha<br>Sulpher @ 2.5 kg/ha   | Rabi 2020-21    | 10.00     | 10.00  | -                             | 25     | 25    | -                                    |

### Details of farming situation

| Crop      | Season       | Farming situation (RF/Irrigated) | Soil type  | Status of soil |   |   | Previous crop | Sowing date      | Harvest date     | Seasonal rainfall (mm) | No. of rainy days |
|-----------|--------------|----------------------------------|------------|----------------|---|---|---------------|------------------|------------------|------------------------|-------------------|
|           |              |                                  |            | N              | P | K |               |                  |                  |                        |                   |
| Mustard   | Rabi 2019-20 | Irrigated                        | Sandy Loam | L              | L | M | Fallow/Paddy  | 07 to 20.11.2019 | 22 to 27.03.2020 | 193.2                  | 08                |
| Lentil    | Rabi 2019-20 | Irrigated                        | Sandy Loam | L              | L | M | Paddy         | 05 to 12.11.2019 | 20 to 25.03.2020 | 193.2                  | 08                |
| Sesamum   | Kharif- 2020 | Irrigated                        | Sandy Loam | L              | L | M | Wheat         | 04 to 08.07.2020 | 10 to 15.10.2020 | 550.3                  | 25                |
| Groundnut | Kharif- 2020 | Irrigated                        | Sandy Loam | L              | L | M | Wheat         | 10 to 15.07.2020 | 20 to 26.10.2020 | 550.3                  | 25                |
| Blackgram | Kharif- 2020 | Irrigated                        | Sandy Loam | L              | L | M | Wheat         | 01 to 07.08.2020 | 21 to 26.10.2020 | 119.3                  | 20                |
| Greengram | Kharif-2020  | Irrigated                        | Sandy Loam | L              | L | M | Wheat         | 07 to 10.08.2020 | 21 to 25.10.2020 | 119.30                 | 20                |
| Mustard   | Rabi 2020-21 | Irrigated                        | Sandy Loam | L              | L | M | Fallow/Paddy  | 13 to 20.11.2020 | Result Awaited   |                        |                   |
| Lentil    | Rabi 2020-21 | Irrigated                        | Sandy Loam | L              | L | M | Paddy         | 05 to 11.11.2020 | Result Awaited   |                        |                   |

### Technical Feedback on the demonstrated technologies

| S. No | Feed Back  |
|-------|--|
| 1     | Use of sulphur in Oilseed Crops increased the oil content and yield.       |
| 2     | Chemical weeding is more effective than mechanical weeding in Pulse Crops. |

### Farmers' reactions on specific technologies

| S. No | Feed Back  |
|-------|--|
| 1     | The Demonstrated technology is very good and increased the yield     |
| 2     | Use of sulphur in Oilseed Crops increased the oil content and yield. |

### Extension and Training activities under FLD

| Sl.No. | Activity                             | No. of activities organized | Date            | Number of participants | Remarks |
|--------|--------------------------------------|-----------------------------|-----------------|------------------------|---------|
| 1      | Field days                           | 02                          | Jan to Dec 2020 | 140                    | -       |
| 2      | Farmers Training                     | 02                          | Jan to Dec 2020 | 140                    | -       |
| 3      | Media coverage                       | 08                          | Jan to Dec 2020 | Mass                   | -       |
| 4      | Training for extension functionaries | -                           | -               | -                      | -       |

### Performance of Frontline demonstrations

#### Frontline demonstrations on oilseed crops

| Crop                       | Thematic Area | technology demonstrated  | Variety     | No. of Farmers | Area (ha) | Yield (q/ha) |      |         |       | % Increase in yield | Economics of demonstration (Rs./ha) |              |            |           | Economics of check (Rs./ha) |              |            |           |
|----------------------------|---------------|--|-------------|----------------|-----------|--------------|------|---------|-------|---------------------|-------------------------------------|--------------|------------|-----------|-----------------------------|--------------|------------|-----------|
|                            |               |  |             |                |           | Demo         |      |         | Check |                     | Gross Cost                          | Gross Return | Net Return | BCR (R/C) | Gross Cost                  | Gross Return | Net Return | BCR (R/C) |
|                            |               |  |             |                |           | High         | Low  | Average |       |                     |                                     |              |            |           |                             |              |            |           |
| Mustard (Rabi-2019-20)     | ICM           | HYV Seed(Pant rai 21)<br>5.0 kg/ha<br>B.Sulphur @ 25 Kg/ha.,<br>Mancozeb+carbendazim @ 1.250kg/ha<br>Imidachlopid @ 0.25L/ha       | Pant rai 21 | 50             | 20        | 17.5         | 12.5 | 14.2    | 8.72  | 62.84               | 27100                               | 59640        | 32540      | 2.20      | 25100                       | 36624        | 11524      | 1.45      |
|                            |               |  |             |                |           |              |      |         |       |                     |                                     |              |            |           |                             |              |            |           |
| Groundnut (Kharif 2020)    | ICM           | HYV Seed@100kg/ha,<br>Mancozeb+carbendazim@1.25kg/ha,<br>Imidaclorid@0.25ltr/ha<br>chlorpyriphos@4.0ltr/ha,<br>Trichoderma@5 kg/ha | Kaushal     | 50             | 20        | 20.9         | 14.6 | 17.5    | 13.2  | 32.57               | 30150                               | 92312        | 62162      | 3.06      | 26150                       | 69630        | 42480      | 2.66      |
| Sesame (Til) (Kharif 2020) | ICM           | HYV Seed@ 5 kg/ha, Mancozeb+<br>carbendazim @1.25kg/ha,<br>Quanalphose @ 2.5 ltr/ha,<br>Trichoderma@5kg/ha,                        | GT 03       | 25             | 10        | 6.1          | 2.8  | 4.8     | 2.9   | 65.51               | 20150                               | 32640        | 12499      | 1.61      | 15700                       | 19720        | 4020       | 1.25      |
|                            |               |  |             |                |           |              |      |         |       |                     |                                     |              |            |           |                             |              |            |           |
|                            |               |  |             |                |           |              |      |         |       |                     |                                     |              |            |           |                             |              |            |           |

|                              |     |  |                       |    |    |                |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------|-----|--|-----------------------|----|----|----------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Mustard<br>(Rabi 2020<br>21) | ICM | HYV Seed(RH 749 & Pitambari) 5.0<br>kg/ha<br>B.Sulphur @ 25 Kg/ha.,<br>Mancozeb+carbendazim @ 1.250kg/ha<br>Imidachloprid @ 0.25L/ha | RH 749<br>& Pitambari | 75 | 30 | Result Awaited |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |     |  |                       |    |    |                |  |  |  |  |  |  |  |  |  |  |  |  |
| Toria                        |     |  |                       |    |    |                |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |     |  |                       |    |    |                |  |  |  |  |  |  |  |  |  |  |  |  |
| Linseed                      |     |  |                       |    |    |                |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |     |  |                       |    |    |                |  |  |  |  |  |  |  |  |  |  |  |  |
| Sunflower                    |     |  |                       |    |    |                |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |     |  |                       |    |    |                |  |  |  |  |  |  |  |  |  |  |  |  |
| Soybean                      |     |  |                       |    |    |                |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |     |  |                       |    |    |                |  |  |  |  |  |  |  |  |  |  |  |  |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

### Frontline demonstration on pulse crops

| Crop      | Thematic Area | technology demonstrated | Variety | No. of Farmers | Area (ha) | Yield (q/ha) |     |         |       | % Increase in yield | Economics of demonstration (Rs./ha) |              |            |           | Economics of check (Rs./ha) |              |            |           |  |
|-----------|---------------|-------------------------|---------|----------------|-----------|--------------|-----|---------|-------|---------------------|-------------------------------------|--------------|------------|-----------|-----------------------------|--------------|------------|-----------|--|
|           |               |                         |         |                |           | Demo         |     |         | Check |                     | Gross Cost                          | Gross Return | Net Return | BCR (R/C) | Gross Cost                  | Gross Return | Net Return | BCR (R/C) |  |
|           |               |                         |         |                |           | High         | Low | Average |       |                     |                                     |              |            |           |                             |              |            |           |  |
| Pigeonpea |               |                         |         |                |           |              |     |         |       |                     |                                     |              |            |           |                             |              |            |           |  |
|           |               |                         |         |                |           |              |     |         |       |                     |                                     |              |            |           |                             |              |            |           |  |
|           |               |                         |         |                |           |              |     |         |       |                     |                                     |              |            |           |                             |              |            |           |  |
|           |               |                         |         |                |           |              |     |         |       |                     |                                     |              |            |           |                             |              |            |           |  |

|                            |     |  |         |    |    |                |      |      |       |       |       |       |       |      |       |       |       |      |  |
|----------------------------|-----|--|---------|----|----|----------------|------|------|-------|-------|-------|-------|-------|------|-------|-------|-------|------|--|
| Greengram<br>(Kharif 2020) | ICM | HYV(SML 668)@15 kg/ha, Mancozeb + carbendazim@1.25kg/ha,Imidachloprid @ 0.25 ltr/ha, Quanalphose @ 2.5 ltr/ha            | SML 668 | 25 | 10 | 9.5            | 7.5  | 8.5  | 5.5   | 54.54 | 28200 | 61166 | 32966 | 2.17 | 23700 | 39578 | 15878 | 1.66 |  |
|                            |     |  |         |    |    |                |      |      |       |       |       |       |       |      |       |       |       |      |  |
| Urd<br>(Kharif 2020)       | ICM | HYV@15 kg/ha, Mancozeb + carbendazim@1.25kg/ha,Imidachloprid @ 0.25 ltr/ha, Quanalphose @ 2.5 ltr/ha, Trichoderma@5kg/ha | PU 40   | 25 | 10 | 12.2           | 8.2  | 10.8 | 7.0   | 54.28 | 24500 | 64800 | 40300 | 2.64 | 19000 | 42000 | 28400 | 2.21 |  |
|                            |     |  |         |    |    |                |      |      |       |       |       |       |       |      |       |       |       |      |  |
| Chickpea                   |     |  |         |    |    |                |      |      |       |       |       |       |       |      |       |       |       |      |  |
|                            |     |  |         |    |    |                |      |      |       |       |       |       |       |      |       |       |       |      |  |
| Fieldpea                   |     |  |         |    |    |                |      |      |       |       |       |       |       |      |       |       |       |      |  |
|                            |     |  |         |    |    |                |      |      |       |       |       |       |       |      |       |       |       |      |  |
| Lentil (Rabi<br>2019-20)   | ICM | HYV Seed (PL-08)<br>35 kg/ha<br>Carbendazim+Mancozeb @ 1.250 kg/ha<br>Imidachloprid @ 0.250 L/ha                         | PL-08   | 75 | 30 | 25.9           | 17.1 | 20.7 | 14.30 | 44.75 | 31700 | 93150 | 61450 | 2.94 | 27050 | 64350 | 37300 | 2.37 |  |
| Lentil (Rabi<br>2020-21)   | ICM | HYV Seed (L-4717)30 kg/ha<br>Carbendazim+Mancozeb @ 1.25 kg/ha<br>Imidachloprid @ 0.250 L/ha<br>Sulpher @ 2.5 kg/ha      | L-4717  | 25 | 10 | Result Awaited |      |      |       |       |       |       |       |      |       |       |       |      |  |
|                            |     |  |         |    |    |                |      |      |       |       |       |       |       |      |       |       |       |      |  |
|                            |     |  |         |    |    |                |      |      |       |       |       |       |       |      |       |       |       |      |  |
| Horsegram                  |     |  |         |    |    |                |      |      |       |       |       |       |       |      |       |       |       |      |  |
|                            |     |  |         |    |    |                |      |      |       |       |       |       |       |      |       |       |       |      |  |
|                            |     |  |         |    |    |                |      |      |       |       |       |       |       |      |       |       |       |      |  |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

### FLD on Other crops

| Category & Crop              | Thematic Area        | Name of the technology        | No. of Farmers | Area (ha) | Yield (q/ha) |       |         | Check | % Change in Yield | Other Parameters    |                     | Economics of demonstration (Rs./ha) |              |            |           | Economics of check (Rs./ha) |              |            |           |
|------------------------------|----------------------|-------------------------------|----------------|-----------|--------------|-------|---------|-------|-------------------|---------------------|---------------------|-------------------------------------|--------------|------------|-----------|-----------------------------|--------------|------------|-----------|
|                              |                      |                               |                |           | Demo         |       |         |       |                   | Demo                | Check               | Gross Cost                          | Gross Return | Net Return | BCR (R/C) | Gross Cost                  | Gross Return | Net Return | BCR (R/C) |
|                              |                      |                               |                |           | High         | Low   | Average |       |                   |                     |                     |                                     |              |            |           |                             |              |            |           |
| <b>Cereals</b>               |                      |                               |                |           |              |       |         |       |                   |                     |                     |                                     |              |            |           |                             |              |            |           |
| <b>Paddy</b>                 |                      |                               |                |           |              |       |         |       |                   |                     |                     |                                     |              |            |           |                             |              |            |           |
| Kharif 20 Paddy- PR-113,     | IPM (BPH Management) | Thiomethoxam 25 WG @ 500 g/ha | 05             | 2.0       | 57.0         | 55.10 | 56.50   | 44.12 | 28.05             | % infestation<br>02 | % infestation<br>12 | 45500                               | 101700       | 56200      | 2.23      | 44700                       | 79416        | 34716      | 1.77      |
| <b>Waterlogged Situation</b> |                      |                               |                |           |              |       |         |       |                   |                     |                     |                                     |              |            |           |                             |              |            |           |
| <b>Coarse Rice</b>           |                      |                               |                |           |              |       |         |       |                   |                     |                     |                                     |              |            |           |                             |              |            |           |
| <b>Scented Rice</b>          |                      |                               |                |           |              |       |         |       |                   |                     |                     |                                     |              |            |           |                             |              |            |           |
| <b>Wheat</b>                 |                      |                               |                |           |              |       |         |       |                   |                     |                     |                                     |              |            |           |                             |              |            |           |
| <b>Wheat Timely sown</b>     |                      |                               |                |           |              |       |         |       |                   |                     |                     |                                     |              |            |           |                             |              |            |           |
| <b>Wheat Late Sown</b>       |                      |                               |                |           |              |       |         |       |                   |                     |                     |                                     |              |            |           |                             |              |            |           |
| <b>Mandua</b>                |                      |                               |                |           |              |       |         |       |                   |                     |                     |                                     |              |            |           |                             |              |            |           |
| <b>Barley</b>                |                      |                               |                |           |              |       |         |       |                   |                     |                     |                                     |              |            |           |                             |              |            |           |
| <b>Maize</b>                 |                      |                               |                |           |              |       |         |       |                   |                     |                     |                                     |              |            |           |                             |              |            |           |
| <b>Amaranth</b>              |                      |                               |                |           |              |       |         |       |                   |                     |                     |                                     |              |            |           |                             |              |            |           |

|                        |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
|------------------------|-----|---|----|-----|--------|--------|--------|--------|-------|-------------------------------|-------------------------------|-------|--------|--------|------|-------|--------|--------|------|
| <b>Millets</b>         |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Jowar</b>           |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Bajra</b>           |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Barnyard millet</b> |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Finger millet</b>   |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Vegetables</b>      |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Bottlegourd</b>     |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Bittergourd</b>     |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Cowpea</b>          |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Spongegourd</b>     |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Petha</b>           |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Tomato</b>          |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Frenchbean</b>      |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Capsicum</b>        |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Chilli</b>          |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
| <b>Brinjal</b>         |     |   |    |     |        |        |        |        |       |                               |                               |       |        |        |      |       |        |        |      |
|                        | ICM | Thiophenate methyl @ 1.0 kg/ha+ Mancozeb @ 2.5 kg/ha, | 05 | 1.0 | 488.24 | 477.52 | 484.83 | 385.95 | 26.50 | Avg no of fruits per plant 08 | Avg no of fruits per plant 05 | 65500 | 290544 | 225544 | 4.46 | 55000 | 192975 | 137975 | 3.51 |



|                  |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
|------------------|-----|----------------------------------|----|-----|-----|-----|-----|-----|-------|---------------|---------------|-------|--------|-------|------|-------|-------|-------|------|
| Vegetable pea    |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Softgourd        |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Okra             |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Colocasia (Arvi) |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Broccoli         |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Cucumber         |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Onion            | ICM | Seed of Onion Variety Pusa Ridhi | 05 | 1.0 | 198 | 188 | 193 | 140 | 37.46 | Ave. Wt. 90gm | Ave. Wt. 70gm | 39000 | 115800 | 76800 | 2.97 | 32500 | 84000 | 51500 | 2.58 |
| Coriender        |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Lettuce          |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Cabbage          |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Cauliflower      |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Elephant fruit   |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Flower crops     |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Marigold         |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Bela             |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Tuberose         |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |
| Gladiolus        |     |                                  |    |     |     |     |     |     |       |               |               |       |        |       |      |       |       |       |      |

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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Fruit crops</b>                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mango                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Strawberry</b>                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Guava</b>                           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Banana</b>                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Papaya</b>                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Muskmelon</b>                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Watermelon</b>                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Spices &amp; condiments</b>         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ginger                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Garlic</b>                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Turmeric</b>                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Commercial Crops</b>                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sugarcane                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Potato</b>                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Medicinal &amp; aromatic plants</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mentholment                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Kalmegh      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ashwagandha  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fodder Crops |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sorghum (F)  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cowpea (F)   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Maize (F)    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lucern       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Berseem      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Oat (F)      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

### FLD on Livestock

| Category       | Thematic area       | Name of the technology demonstrated     | No. of Farmer | No. of Units (Animal/ Poultry/ Birds, etc) | Major parameters |       | % change in major parameter | Other parameter |       | Economics of demonstration (Rs.) |              |            |           | Economics of check (Rs.) |              |            |           |  |  |  |
|----------------|---------------------|---|---------------|--|------------------|-------|-----------------------------|-----------------|-------|----------------------------------|--------------|------------|-----------|--------------------------|--------------|------------|-----------|--|--|--|
|                |                     |   |               |  | Demo             | Check |                             | Demo            | Check | Gross Cost                       | Gross Return | Net Return | BCR (R/C) | Gross Cost               | Gross Return | Net Return | BCR (R/C) |  |  |  |
| Cattle         |                     |   |               |  |                  |       |                             |                 |       |                                  |              |            |           |                          |              |            |           |  |  |  |
|                |                     |   |               |  |                  |       |                             |                 |       |                                  |              |            |           |                          |              |            |           |  |  |  |
|                |                     |   |               |  |                  |       |                             |                 |       |                                  |              |            |           |                          |              |            |           |  |  |  |
| Buffalo        |                     |   |               |  |                  |       |                             |                 |       |                                  |              |            |           |                          |              |            |           |  |  |  |
|                | Disease Mang.       | Deworming (Fenbendazole 3g)             | 25            | 50   |                  |       |                             |                 |       | Result Awaited                   |              |            |           |                          |              |            |           |  |  |  |
|                | Nutrient Management | Mineral mixture Feeding                 | 05            | 10   |                  |       |                             |                 |       | Result Awaited                   |              |            |           |                          |              |            |           |  |  |  |
| Buffalo Calves | Disease Mang.       | Deworming (Albendazole suspension 30ml) | 25            | 50   |                  |       |                             |                 |       | Result Awaited                   |              |            |           |                          |              |            |           |  |  |  |

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|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dairy        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Poultry      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sheep & Goat |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vaccination  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

Note- Average milk production Lit/day      Concentrate price: Rs 25.00/kg

Average Cost of production Rs./day

Milk price Rs.40 .00/Lit

### FLD on Fisheries- NA

| Category               | Thematic area | Name of the technology demonstrated | No. of Farmer | No. of units | Major parameters |       | % change in major parameter | Other parameter |       | Economics of demonstration (Rs.) |              |            |           | Economics of check (Rs.) |              |            |           |
|------------------------|---------------|-------------------------------------|---------------|--------------|------------------|-------|-----------------------------|-----------------|-------|----------------------------------|--------------|------------|-----------|--------------------------|--------------|------------|-----------|
|                        |               |                                     |               |              | Demonstration    | Check |                             | Demonstration   | Check | Gross Cost                       | Gross Return | Net Return | BCR (R/C) | Gross Cost               | Gross Return | Net Return | BCR (R/C) |
| Common Carps           | -             | -                                   | -             | -            | -                | -     | -                           | -               | -     | -                                | -            | -          | -         | -                        | -            | -          | -         |
|                        | -             | -                                   | -             | -            | -                | -     | -                           | -               | -     | -                                | -            | -          | -         | -                        | -            | -          | -         |
|                        | -             | -                                   | -             | -            | -                | -     | -                           | -               | -     | -                                | -            | -          | -         | -                        | -            | -          | -         |
| Composite fish culture | -             | -                                   | -             | -            | -                | -     | -                           | -               | -     | -                                | -            | -          | -         | -                        | -            | -          | -         |
|                        | -             | -                                   | -             | -            | -                | -     | -                           | -               | -     | -                                | -            | -          | -         | -                        | -            | -          | -         |
|                        | -             | -                                   | -             | -            | -                | -     | -                           | -               | -     | -                                | -            | -          | -         | -                        | -            | -          | -         |
| Feed Management        | -             | -                                   | -             | -            | -                | -     | -                           | -               | -     | -                                | -            | -          | -         | -                        | -            | -          | -         |

### FLD on Other enterprises- NA

| Category        | Name of the technology demonstrated | No. of Farmer | No. of units | Major parameters |       | % change in major parameter | Other parameter |       | Economics of demonstration (Rs.) or Rs./unit |              |            |           | Economics of check (Rs.) or Rs./unit |              |            |           |  |
|-----------------|-------------------------------------|---------------|--------------|------------------|-------|-----------------------------|-----------------|-------|--|--------------|------------|-----------|--------------------------------------|--------------|------------|-----------|--|
|                 |                                     |               |              | Demo             | Check |                             | Demo            | Check | Gross Cost                                   | Gross Return | Net Return | BCR (R/C) | Gross Cost                           | Gross Return | Net Return | BCR (R/C) |  |
| Oyster Mushroom |                                     |               |              |                  |       |                             |                 |       |  |              |            |           |                                      |              |            |           |  |
|                 |                                     |               |              |                  |       |                             |                 |       |  |              |            |           |                                      |              |            |           |  |
| Button Mushroom |                                     |               |              |                  |       |                             |                 |       |  |              |            |           |                                      |              |            |           |  |
|                 |                                     |               |              |                  |       |                             |                 |       |  |              |            |           |                                      |              |            |           |  |
| Apiculture      |                                     |               |              |                  |       |                             |                 |       |  |              |            |           |                                      |              |            |           |  |
|                 |                                     |               |              |                  |       |                             |                 |       |  |              |            |           |                                      |              |            |           |  |
| Maize Sheller   |                                     |               |              |                  |       |                             |                 |       |  |              |            |           |                                      |              |            |           |  |
|                 |                                     |               |              |                  |       |                             |                 |       |  |              |            |           |                                      |              |            |           |  |
| Value Addition  |                                     |               |              |                  |       |                             |                 |       |  |              |            |           |                                      |              |            |           |  |
|                 |                                     |               |              |                  |       |                             |                 |       |  |              |            |           |                                      |              |            |           |  |
| Vermi Compost   |                                     |               |              |                  |       |                             |                 |       |  |              |            |           |                                      |              |            |           |  |
|                 |                                     |               |              |                  |       |                             |                 |       |  |              |            |           |                                      |              |            |           |  |

### FLD on Women Empowerment-NA

| Category | Name of technology | No. of demonstrations | Name of observations |  | Demonstration | Check |
|----------|--------------------|-----------------------|----------------------|--|---------------|-------|
|          |                    |                       |                      |  |               |       |
|          |                    |                       |                      |  |               |       |

### FLD on Farm Implements and Machinery

| Name of the implement | Crop | Technology demonstrated | No. of Farmer | Area (ha) | Major parameters | Filed observation (output/man hour) |       | % change in major parameter | Labor reduction (man days) |        |         |       | Cost reduction (Rs./ha or Rs./Unit etc.) |        |            |       |  |
|-----------------------|------|-------------------------|---------------|-----------|------------------|-------------------------------------|-------|-----------------------------|----------------------------|--------|---------|-------|--|--------|------------|-------|--|
|                       |      |                         |               |           |                  | Demo                                | Check |                             | Land preparation           | Sowing | Weeding | Total | Land preparation                         | Labour | Irrigation | Total |  |
|                       |      |                         |               |           |                  |                                     |       |                             |                            |        |         |       |  |        |            |       |  |
|                       |      |                         |               |           |                  |                                     |       |                             |                            |        |         |       |  |        |            |       |  |

**FLD on Other Enterprise: Kitchen Gardening (Rabi 2020-21)**

| Category and Crop        | Thematic area            | Name of the technology demonstrated        | No. of Farmer | No. of Units | Yield (Q/ha)  |       | % change in yield | Other parameters |       | Economics of demonstration (Rs./ha) |              |            |           | Economics of check (Rs./ha) |              |            |           |
|--------------------------|--------------------------|--|---------------|--------------|---------------|-------|-------------------|------------------|-------|-------------------------------------|--------------|------------|-----------|-----------------------------|--------------|------------|-----------|
|                          |                          |  |               |              | Demonstration | Check |                   | Demo             | Check | Gross Cost                          | Gross Return | Net Return | BCR (R/C) | Gross Cost                  | Gross Return | Net Return | BCR (R/C) |
| Nutrition Kitchen Garden | Nutrition Kitchen Garden | High yielding varieties of vegetable seeds | 05            | 05           |               |       |                   |                  |       | Result Awaited                      |              |            |           |                             |              |            |           |
|                          |                          |  |               |              |               |       |                   |                  |       |                                     |              |            |           |                             |              |            |           |

**FLD on Demonstration details on crop hybrids (Details of Hybrid FLDs implemented during 2020)**

| Crop            | technology demonstrated | Hybrid Variety | No. of Farmers | Area (ha) | Yield (q/ha) |     |         | Check | % Increase in yield | Economics of demonstration (Rs./ha) |              |            |
|-----------------|-------------------------|----------------|----------------|-----------|--------------|-----|---------|-------|---------------------|-------------------------------------|--------------|------------|
|                 |                         |                |                |           | Demo         |     |         |       |                     | Gross Cost                          | Gross Return | Net Return |
|                 |                         |                |                |           | High         | Low | Average |       |                     |                                     |              |            |
| Oilseed crop    |                         |                |                |           |              |     |         |       |                     |                                     |              |            |
|                 |                         |                |                |           |              |     |         |       |                     |                                     |              |            |
| Pulse crop      |                         |                |                |           |              |     |         |       |                     |                                     |              |            |
|                 |                         |                |                |           |              |     |         |       |                     |                                     |              |            |
| Cereal crop     |                         |                |                |           |              |     |         |       |                     |                                     |              |            |
|                 |                         |                |                |           |              |     |         |       |                     |                                     |              |            |
| Vegetable crop  |                         |                |                |           |              |     |         |       |                     |                                     |              |            |
|                 |                         |                |                |           |              |     |         |       |                     |                                     |              |            |
| Fruit crop      |                         |                |                |           |              |     |         |       |                     |                                     |              |            |
|                 |                         |                |                |           |              |     |         |       |                     |                                     |              |            |
| Other (specify) |                         |                |                |           |              |     |         |       |                     |                                     |              |            |

Home Science FLD other than oilseed & pulses (Year 2020)

| Crop/Activity | technology demonstrated    | No. of Farmers | Area (ha) | Harvested area sq mt /hour |                            | % Change | Mandays / ha |       | Saving of Mandays / ha | Cost reduction /ha (Rs) |
|---------------|----------------------------|----------------|-----------|----------------------------|----------------------------|----------|--------------|-------|------------------------|-------------------------|
|               |                            |                |           | Demo                       | Check                      |          | Demo         | Check |                        |                         |
|               |                            |                |           | Wheat cutting              | Improved sickle ( Naveen ) |          | 05           | 0.05  |                        |                         |
| Paddy cutting | Improved sickle ( Naveen ) | 05             | 0.05      | 120                        | 96                         | 25       | 10.41        | 13.02 | 2.5                    | 2.5X250=625             |

### III. Training Programme

#### Farmers' Training including sponsored training programmes (on campus)

| Thematic area                                 | No. of courses | Participants |           |           |           |          |           |             |           |           |
|---|----------------|--------------|-----------|-----------|-----------|----------|-----------|-------------|-----------|-----------|
|   |                | Others       |           |           | SC/ST     |          |           | Grand Total |           |           |
|   |                | Male         | Female    | Total     | Male      | Female   | Total     | Male        | Female    | Total     |
| <b>I Crop Production</b>                      |                |              |           |           |           |          |           |             |           |           |
| Weed Management                               |                |              |           |           |           |          |           |             |           |           |
| Resource Conservation Technologies            |                |              |           |           |           |          |           |             |           |           |
| Cropping Systems                              |                |              |           |           |           |          |           |             |           |           |
| Crop Diversification                          |                |              |           |           |           |          |           |             |           |           |
| Integrated Farming                            |                |              |           |           |           |          |           |             |           |           |
| Micro Irrigation/irrigation                   |                |              |           |           |           |          |           |             |           |           |
| Seed production                               |                |              |           |           |           |          |           |             |           |           |
| Nursery management                            |                |              |           |           |           |          |           |             |           |           |
| Integrated Crop Management                    |                |              |           |           |           |          |           |             |           |           |
| Soil & water conservatioin                    |                |              |           |           |           |          |           |             |           |           |
| Integrated nutrient management                |                |              |           |           |           |          |           |             |           |           |
| Production of organic inputs                  |                |              |           |           |           |          |           |             |           |           |
| Others (pl specify)                           |                |              |           |           |           |          |           |             |           |           |
| <b>Total</b>                                  |                |              |           |           |           |          |           |             |           |           |
| <b>II Horticulture</b>                        |                |              |           |           |           |          |           |             |           |           |
| <b>a) Vegetable Crops</b>                     |                |              |           |           |           |          |           |             |           |           |
| Production of low value and high valume crops |                |              |           |           |           |          |           |             |           |           |
| Off-season vegetables                         |                |              |           |           |           |          |           |             |           |           |
| Nursery raising                               | 01             | 16           | -         | 16        | 04        | -        | 04        | 20          | -         | 20        |
| Exotic vegetables                             |                |              |           |           |           |          |           |             |           |           |
| Export potential vegetables                   |                |              |           |           |           |          |           |             |           |           |
| Grading and standardization                   |                |              |           |           |           |          |           |             |           |           |
| Protective cultivation                        |                |              |           |           |           |          |           |             |           |           |
| Others (pl specify)                           |                |              |           |           |           |          |           |             |           |           |
| <b>Total (a)</b>                              | <b>01</b>      | <b>16</b>    | <b>-</b>  | <b>16</b> | <b>04</b> | <b>-</b> | <b>04</b> | <b>20</b>   | <b>-</b>  | <b>20</b> |
| <b>b) Fruits</b>                              |                |              |           |           |           |          |           |             |           |           |
| Training and Pruning                          |                |              |           |           |           |          |           |             |           |           |
| Layout and Management of Orchards             |                |              |           |           |           |          |           |             |           |           |
| Cultivation of Fruit                          |                |              |           |           |           |          |           |             |           |           |
| Management of young plants/orchards           |                |              |           |           |           |          |           |             |           |           |
| Rejuvenation of old orchards                  |                |              |           |           |           |          |           |             |           |           |
| Export potential fruits                       |                |              |           |           |           |          |           |             |           |           |
| Micro irrigation systems of orchards          | 01             | 10           | 02        | 12        | 08        | -        | 08        | 18          | 02        | 20        |
| Plant propagation techniques                  |                |              |           |           |           |          |           |             |           |           |
| Others (pl specify)                           |                |              |           |           |           |          |           |             |           |           |
| <b>Total (b)</b>                              | <b>01</b>      | <b>10</b>    | <b>02</b> | <b>12</b> | <b>08</b> | <b>-</b> | <b>08</b> | <b>18</b>   | <b>02</b> | <b>20</b> |
| <b>c) Ornamental Plants</b>                   |                |              |           |           |           |          |           |             |           |           |
| Nursery Management                            |                |              |           |           |           |          |           |             |           |           |
| Management of potted plants                   |                |              |           |           |           |          |           |             |           |           |
| Export potential of ornamental plants         |                |              |           |           |           |          |           |             |           |           |
| Propagation techniques of Ornamental Plants   |                |              |           |           |           |          |           |             |           |           |
| Others (pl specify)                           |                |              |           |           |           |          |           |             |           |           |
| <b>Total (c)</b>                              |                |              |           |           |           |          |           |             |           |           |
| <b>d) Plantation crops</b>                    |                |              |           |           |           |          |           |             |           |           |
| Production and Management technology          |                |              |           |           |           |          |           |             |           |           |
| Processing and value addition                 |                |              |           |           |           |          |           |             |           |           |
| Others (pl specify)                           |                |              |           |           |           |          |           |             |           |           |
| <b>Total (d)</b>                              |                |              |           |           |           |          |           |             |           |           |
| <b>e) Tuber crops</b>                         |                |              |           |           |           |          |           |             |           |           |
| Production and Management technology          |                |              |           |           |           |          |           |             |           |           |
| Processing and value addition                 |                |              |           |           |           |          |           |             |           |           |
| Others (pl specify)                           |                |              |           |           |           |          |           |             |           |           |
| <b>Total (e)</b>                              |                |              |           |           |           |          |           |             |           |           |
| <b>f) Spices</b>                              |                |              |           |           |           |          |           |             |           |           |
| Production and Management technology          |                |              |           |           |           |          |           |             |           |           |
| Processing and value addition                 |                |              |           |           |           |          |           |             |           |           |



|  |           |           |           |           |           |           |           |           |            |            |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|
| Others (pl specify)  |           |           |           |           |           |           |           |           |            |            |
| <b>Total (f)</b>   |           |           |           |           |           |           |           |           |            |            |
| <b>g) Medicinal and Aromatic Plants</b>                              |           |           |           |           |           |           |           |           |            |            |
| Nursery management   |           |           |           |           |           |           |           |           |            |            |
| Production and management technology                                 |           |           |           |           |           |           |           |           |            |            |
| Post harvest technology and value addition                           |           |           |           |           |           |           |           |           |            |            |
| Others (pl specify)  |           |           |           |           |           |           |           |           |            |            |
| <b>Total (g)</b>   |           |           |           |           |           |           |           |           |            |            |
| <b>GT (a-g)</b>  | <b>02</b> | <b>26</b> | <b>2</b>  | <b>28</b> | <b>12</b> | <b>-</b>  | <b>12</b> | <b>38</b> | <b>02</b>  | <b>40</b>  |
| <b>III Soil Health and Fertility Management</b>                      |           |           |           |           |           |           |           |           |            |            |
| Soil fertility management  |           |           |           |           |           |           |           |           |            |            |
| Integrated water management  |           |           |           |           |           |           |           |           |            |            |
| Integrated Nutrient Management                                       |           |           |           |           |           |           |           |           |            |            |
| Production and use of organic inputs                                 |           |           |           |           |           |           |           |           |            |            |
| Management of Problematic soils                                      |           |           |           |           |           |           |           |           |            |            |
| Micro nutrient deficiency in crops                                   |           |           |           |           |           |           |           |           |            |            |
| Nutrient Use Efficiency  |           |           |           |           |           |           |           |           |            |            |
| Balance use of fertilizers   |           |           |           |           |           |           |           |           |            |            |
| Soil and Water Testing   |           |           |           |           |           |           |           |           |            |            |
| Others (pl specify)  |           |           |           |           |           |           |           |           |            |            |
|  |           |           |           |           |           |           |           |           |            |            |
| <b>Total</b>   |           |           |           |           |           |           |           |           |            |            |
| <b>IV Livestock Production and Management</b>                        |           |           |           |           |           |           |           |           |            |            |
| Dairy Management   |           |           |           |           |           |           |           |           |            |            |
| Poultry Management   | 01        | 14        | 04        | 18        | 02        | -         | 02        | 16        | 04         | 20         |
| Piggery Management   |           |           |           |           |           |           |           |           |            |            |
| Rabbit Management  |           |           |           |           |           |           |           |           |            |            |
| Animal Nutrition Management  | 01        | 13        | 02        | 15        | 03        | 02        | 05        | 16        | 04         | 20         |
| Disease Management   | 01        | 16        | -         | 16        | 04        | -         | 04        | 20        | -          | 20         |
| Feed & fodder technology   |           |           |           |           |           |           |           |           |            |            |
| Production of quality animal products                                |           |           |           |           |           |           |           |           |            |            |
| Others (pl specify)  |           |           |           |           |           |           |           |           |            |            |
| <b>Total</b>   | <b>03</b> | <b>43</b> | <b>06</b> | <b>49</b> | <b>09</b> | <b>02</b> | <b>11</b> | <b>52</b> | <b>08</b>  | <b>60</b>  |
| <b>V Home Science/Women empowerment</b>                              |           |           |           |           |           |           |           |           |            |            |
| Household food security by kitchen gardening and nutrition gardening | 01        | -         | 20        | 20        | -         | -         | -         | -         | 20         | 20         |
| Design and development of low/minimum cost diet                      | 01        | -         | 20        | 20        | -         | -         | -         | -         | 20         | 20         |
| Designing and development for high nutrient efficiency diet          |           |           |           |           |           |           |           |           |            |            |
| Minimization of nutrient loss in processing                          | 01        | -         | 17        | 17        | -         | 03        | 03        | -         | 20         | 20         |
| Processing and cooking   |           |           |           |           |           |           |           |           |            |            |
| Gender mainstreaming through SHGs                                    |           |           |           |           |           |           |           |           |            |            |
| Storage loss minimization techniques                                 | 01        | -         | 20        | 20        | -         | -         | -         | -         | 20         | 20         |
| Value addition   |           |           |           |           |           |           |           |           |            |            |
| Women empowerment  | 01        | -         | 20        | 20        | -         | -         | -         | -         | 20         | 20         |
| Location specific drudgery reduction technologies                    |           |           |           |           |           |           |           |           |            |            |
| Rural Crafts   |           |           |           |           |           |           |           |           |            |            |
| Women and child care   |           |           |           |           |           |           |           |           |            |            |
| Others (pl specify)  |           |           |           |           |           |           |           |           |            |            |
| <b>Total</b>   | <b>05</b> | <b>-</b>  | <b>97</b> | <b>97</b> | <b>-</b>  | <b>03</b> | <b>03</b> | <b>-</b>  | <b>100</b> | <b>100</b> |
| <b>VI Agril. Engineering</b>   |           |           |           |           |           |           |           |           |            |            |
| Farm Machinery and its maintenance                                   |           |           |           |           |           |           |           |           |            |            |
| Installation and maintenance of micro irrigation systems             |           |           |           |           |           |           |           |           |            |            |
| Use of Plastics in farming practices                                 |           |           |           |           |           |           |           |           |            |            |
| Production of small tools and implements                             |           |           |           |           |           |           |           |           |            |            |
| Repair and maintenance of farm machinery and implements              |           |           |           |           |           |           |           |           |            |            |
| Small scale processing and value addition                            |           |           |           |           |           |           |           |           |            |            |
| Post Harvest Technology  |           |           |           |           |           |           |           |           |            |            |
| Others (pl specify)  |           |           |           |           |           |           |           |           |            |            |
| <b>Total</b>   |           |           |           |           |           |           |           |           |            |            |
| <b>VII Plant Protection</b>  |           |           |           |           |           |           |           |           |            |            |
| Integrated Pest Management   | 01        | 18        | -         | 18        | 02        | -         | 02        | 20        | -          | 20         |
| Integrated Disease Management  |           |           |           |           |           |           |           |           |            |            |
| Bio-control of pests and diseases                                    | 01        | 20        | -         | 20        | -         | -         | -         | 20        | -          | 20         |
| Production of bio control agents and bio                             |           |           |           |           |           |           |           |           |            |            |

|   |           |            |            |            |           |           |           |            |            |            |
|---|-----------|------------|------------|------------|-----------|-----------|-----------|------------|------------|------------|
| pesticides  |           |            |            |            |           |           |           |            |            |            |
| Others (pl specify)                                 |           |            |            |            |           |           |           |            |            |            |
| <b>Total</b>  | <b>02</b> | <b>38</b>  | <b>-</b>   | <b>38</b>  | <b>02</b> | <b>-</b>  | <b>02</b> | <b>40</b>  | <b>-</b>   | <b>40</b>  |
| <b>VIII Fisheries</b>                               |           |            |            |            |           |           |           |            |            |            |
| Integrated fish farming                             |           |            |            |            |           |           |           |            |            |            |
| Carp breeding and hatchery management               |           |            |            |            |           |           |           |            |            |            |
| Carp fry and fingerling rearing                     |           |            |            |            |           |           |           |            |            |            |
| Composite fish culture                              |           |            |            |            |           |           |           |            |            |            |
| Hatchery management and culture of freshwater prawn |           |            |            |            |           |           |           |            |            |            |
| Breeding and culture of ornamental fishes           |           |            |            |            |           |           |           |            |            |            |
| Portable plastic carp hatchery                      |           |            |            |            |           |           |           |            |            |            |
| Pen culture of fish and prawn                       |           |            |            |            |           |           |           |            |            |            |
| Shrimp farming                                      |           |            |            |            |           |           |           |            |            |            |
| Edible oyster farming                               |           |            |            |            |           |           |           |            |            |            |
| Pearl culture                                       |           |            |            |            |           |           |           |            |            |            |
| Fish processing and value addition                  |           |            |            |            |           |           |           |            |            |            |
| Others (pl specify)                                 |           |            |            |            |           |           |           |            |            |            |
| <b>Total</b>  |           |            |            |            |           |           |           |            |            |            |
| <b>IX Production of Inputs at site</b>              |           |            |            |            |           |           |           |            |            |            |
| Seed Production                                     |           |            |            |            |           |           |           |            |            |            |
| Planting material production                        |           |            |            |            |           |           |           |            |            |            |
| Bio-agents production                               |           |            |            |            |           |           |           |            |            |            |
| Bio-pesticides production                           |           |            |            |            |           |           |           |            |            |            |
| Bio-fertilizer production                           |           |            |            |            |           |           |           |            |            |            |
| Vermi-compost production                            | 01        | 06         | -          | 06         | 14        | -         | 14        | 20         | -          | 20         |
| Organic manures production                          |           |            |            |            |           |           |           |            |            |            |
| Production of fry and fingerlings                   |           |            |            |            |           |           |           |            |            |            |
| Production of Bee-colonies and wax sheets           |           |            |            |            |           |           |           |            |            |            |
| Small tools and implements                          |           |            |            |            |           |           |           |            |            |            |
| Production of livestock feed and fodder             |           |            |            |            |           |           |           |            |            |            |
| Production of Fish feed                             |           |            |            |            |           |           |           |            |            |            |
| Mushroom Production                                 |           |            |            |            |           |           |           |            |            |            |
| Apiculture  |           |            |            |            |           |           |           |            |            |            |
| Others (pl specify)                                 |           |            |            |            |           |           |           |            |            |            |
| <b>Total</b>  | <b>01</b> | <b>06</b>  | <b>-</b>   | <b>06</b>  | <b>14</b> | <b>-</b>  | <b>14</b> | <b>20</b>  | <b>-</b>   | <b>20</b>  |
| <b>X CapacityBuilding and Group Dynamics</b>        |           |            |            |            |           |           |           |            |            |            |
| Leadership development                              |           |            |            |            |           |           |           |            |            |            |
| Group dynamics                                      |           |            |            |            |           |           |           |            |            |            |
| Formation and Management of SHGs                    |           |            |            |            |           |           |           |            |            |            |
| Mobilization of social capital                      |           |            |            |            |           |           |           |            |            |            |
| Entrepreneurial development of farmers/youths       |           |            |            |            |           |           |           |            |            |            |
| WTO and IPR issues                                  |           |            |            |            |           |           |           |            |            |            |
| Others (pl specify)                                 |           |            |            |            |           |           |           |            |            |            |
| <b>Total</b>  |           |            |            |            |           |           |           |            |            |            |
| <b>XI Agro-forestry</b>                             |           |            |            |            |           |           |           |            |            |            |
| Production technologies                             |           |            |            |            |           |           |           |            |            |            |
| Nursery management                                  |           |            |            |            |           |           |           |            |            |            |
| Integrated Farming Systems                          |           |            |            |            |           |           |           |            |            |            |
| Others (pl specify)                                 |           |            |            |            |           |           |           |            |            |            |
| <b>Total</b>  |           |            |            |            |           |           |           |            |            |            |
| <b>GRAND TOTAL</b>                                  | <b>13</b> | <b>113</b> | <b>105</b> | <b>218</b> | <b>37</b> | <b>05</b> | <b>42</b> | <b>150</b> | <b>110</b> | <b>260</b> |

#### Farmers' Training including sponsored training programmes (off campus)

| Thematic area                      | No. of courses | Participants |        |       |       |        |       |             |        |       |
|------------------------------------|----------------|--------------|--------|-------|-------|--------|-------|-------------|--------|-------|
|                                    |                | Others       |        |       | SC/ST |        |       | Grand Total |        |       |
|                                    |                | Male         | Female | Total | Male  | Female | Total | Male        | Female | Total |
| <b>I Crop Production</b>           |                |              |        |       |       |        |       |             |        |       |
| Weed Management                    |                |              |        |       |       |        |       |             |        |       |
| Resource Conservation Technologies |                |              |        |       |       |        |       |             |        |       |
| Cropping Systems                   |                |              |        |       |       |        |       |             |        |       |
| Crop Diversification               |                |              |        |       |       |        |       |             |        |       |
| Integrated Farming                 |                |              |        |       |       |        |       |             |        |       |
| Micro Irrigation/irrigation        |                |              |        |       |       |        |       |             |        |       |
| Seed production                    |                |              |        |       |       |        |       |             |        |       |
| Nursery management                 |                |              |        |       |       |        |       |             |        |       |
| Integrated Crop Management         |                |              |        |       |       |        |       |             |        |       |

|   |           |           |           |           |           |          |           |            |           |            |
|---|-----------|-----------|-----------|-----------|-----------|----------|-----------|------------|-----------|------------|
| Soil & water conservation                             |           |           |           |           |           |          |           |            |           |            |
| Integrated nutrient management                        |           |           |           |           |           |          |           |            |           |            |
| Production of organic inputs                          |           |           |           |           |           |          |           |            |           |            |
| Others (pl specify)                                   |           |           |           |           |           |          |           |            |           |            |
| <b>Total</b>  |           |           |           |           |           |          |           |            |           |            |
| <b>II Horticulture</b>                                |           |           |           |           |           |          |           |            |           |            |
| <b>a) Vegetable Crops</b>                             |           |           |           |           |           |          |           |            |           |            |
| Production of low value and high valume crops         | 02        | 11        | 09        | 20        | 20        | -        | 20        | 31         | 09        | 40         |
| Off-season vegetables                                 |           |           |           |           |           |          |           |            |           |            |
| Nursery raising                                       |           |           |           |           |           |          |           |            |           |            |
| Exotic vegetables                                     |           |           |           |           |           |          |           |            |           |            |
| Export potential vegetables                           |           |           |           |           |           |          |           |            |           |            |
| Grading and standardization                           |           |           |           |           |           |          |           |            |           |            |
| Protective cultivation                                |           |           |           |           |           |          |           |            |           |            |
| Others (pl specify)                                   |           |           |           |           |           |          |           |            |           |            |
| Micro irrigation in vegetable crops                   | 01        | 07        | -         | 07        | 13        | -        | 13        | 20         | -         | 20         |
| <b>Total (a)</b>                                      | <b>03</b> | <b>18</b> | <b>09</b> | <b>27</b> | <b>33</b> | <b>-</b> | <b>33</b> | <b>51</b>  | <b>09</b> | <b>60</b>  |
| <b>b) Fruits</b>                                      |           |           |           |           |           |          |           |            |           |            |
| Training and Pruning                                  |           |           |           |           |           |          |           |            |           |            |
| Layout and Management of Orchards                     |           |           |           |           |           |          |           |            |           |            |
| Cultivation of Fruit                                  |           |           |           |           |           |          |           |            |           |            |
| Management of young plants/orchards                   |           |           |           |           |           |          |           |            |           |            |
| Rejuvenation of old orchards                          |           |           |           |           |           |          |           |            |           |            |
| Export potential fruits                               |           |           |           |           |           |          |           |            |           |            |
| Micro irrigation systems of orchards                  |           |           |           |           |           |          |           |            |           |            |
| Plant propagation techniques                          |           |           |           |           |           |          |           |            |           |            |
| Others (pl specify) Cultivation tech. of minor fruits |           |           |           |           |           |          |           |            |           |            |
| <b>Total (b)</b>                                      |           |           |           |           |           |          |           |            |           |            |
| <b>c) Ornamental Plants</b>                           |           |           |           |           |           |          |           |            |           |            |
| Nursery Management                                    | 01        | 18        | 01        | 19        | 01        | -        | 01        | 19         | 01        | 20         |
| Management of potted plants                           |           |           |           |           |           |          |           |            |           |            |
| Export potential of ornamental plants                 |           |           |           |           |           |          |           |            |           |            |
| Propagation techniques of Ornamental Plants           |           |           |           |           |           |          |           |            |           |            |
| Others (pl specify) Cultivation tech. of marigold     | 01        | 20        | -         | 20        | -         | -        | -         | 20         | -         | 20         |
| <b>Total (c)</b>                                      | <b>02</b> | <b>38</b> | <b>01</b> | <b>39</b> | <b>01</b> | <b>-</b> | <b>01</b> | <b>39</b>  | <b>01</b> | <b>40</b>  |
| <b>d) Plantation crops</b>                            |           |           |           |           |           |          |           |            |           |            |
| Production and Management technology                  |           |           |           |           |           |          |           |            |           |            |
| Processing and value addition                         |           |           |           |           |           |          |           |            |           |            |
| Others (pl specify)                                   |           |           |           |           |           |          |           |            |           |            |
| <b>Total (d)</b>                                      |           |           |           |           |           |          |           |            |           |            |
| <b>e) Tuber crops</b>                                 |           |           |           |           |           |          |           |            |           |            |
| Production and Management technology                  |           |           |           |           |           |          |           |            |           |            |
| Processing and value addition                         |           |           |           |           |           |          |           |            |           |            |
| Others (pl specify)                                   |           |           |           |           |           |          |           |            |           |            |
| <b>Total (e)</b>                                      |           |           |           |           |           |          |           |            |           |            |
| <b>f) Spices</b>                                      |           |           |           |           |           |          |           |            |           |            |
| Production and Management technology                  |           |           |           |           |           |          |           |            |           |            |
| Processing and value addition                         |           |           |           |           |           |          |           |            |           |            |
| Others (pl specify)                                   |           |           |           |           |           |          |           |            |           |            |
| <b>Total (f)</b>                                      |           |           |           |           |           |          |           |            |           |            |
| <b>g) Medicinal and Aromatic Plants</b>               |           |           |           |           |           |          |           |            |           |            |
| Nursery management                                    |           |           |           |           |           |          |           |            |           |            |
| Production and management technology                  |           |           |           |           |           |          |           |            |           |            |
| Post harvest technology and value addition            | 01        | 10        | 10        | 20        | 00        | -        | 00        | 10         | 10        | 20         |
| Others (pl specify)                                   |           |           |           |           |           |          |           |            |           |            |
| <b>Total (g)</b>                                      | <b>01</b> | <b>10</b> | <b>10</b> | <b>20</b> | <b>00</b> | <b>-</b> | <b>00</b> | <b>10</b>  | <b>10</b> | <b>20</b>  |
| <b>GT (a-g)</b>                                       | <b>06</b> | <b>66</b> | <b>20</b> | <b>86</b> | <b>34</b> | <b>-</b> | <b>34</b> | <b>100</b> | <b>20</b> | <b>120</b> |
| <b>III Soil Health and Fertility Management</b>       |           |           |           |           |           |          |           |            |           |            |
| Soil fertility management                             |           |           |           |           |           |          |           |            |           |            |
| Integrated water management                           |           |           |           |           |           |          |           |            |           |            |
| Integrated Nutrient Management                        |           |           |           |           |           |          |           |            |           |            |
| Production and use of organic inputs                  |           |           |           |           |           |          |           |            |           |            |
| Management of Problematic soils                       |           |           |           |           |           |          |           |            |           |            |
| Micro nutrient deficiency in crops                    |           |           |           |           |           |          |           |            |           |            |
| Nutrient Use Efficiency                               |           |           |           |           |           |          |           |            |           |            |
| Balance use of fertilizers                            |           |           |           |           |           |          |           |            |           |            |
| Soil and Water Testing                                |           |           |           |           |           |          |           |            |           |            |

|  |           |            |           |            |           |           |           |            |           |            |
|--|-----------|------------|-----------|------------|-----------|-----------|-----------|------------|-----------|------------|
| Others (pl specify)  |           |            |           |            |           |           |           |            |           |            |
| <b>Total</b>   |           |            |           |            |           |           |           |            |           |            |
| <b>IV Livestock Production and Management</b>                        |           |            |           |            |           |           |           |            |           |            |
| Dairy Management   |           |            |           |            |           |           |           |            |           |            |
| Poultry Management   |           |            |           |            |           |           |           |            |           |            |
| Piggery Management   |           |            |           |            |           |           |           |            |           |            |
| Rabbit Management  |           |            |           |            |           |           |           |            |           |            |
| Animal Nutrition Management  | 01        | 20         | -         | 20         | -         | -         | -         | 20         | -         | 20         |
| Disease Management   | 03        | 51         | 09        | 60         | -         | -         | -         | 51         | 09        | 60         |
| Feed & fodder technology   | 01        | 15         | -         | 15         | 05        | -         | 05        | 20         | -         | 20         |
| Production of quality animal products                                |           |            |           |            |           |           |           |            |           |            |
| Others (pl specify)Goat Management                                   | 01        | 18         | -         | 18         | 02        | -         | 02        | 20         | -         | 20         |
| <b>Total</b>   | <b>06</b> | <b>104</b> | <b>09</b> | <b>113</b> | <b>07</b> | <b>-</b>  | <b>07</b> | <b>111</b> | <b>09</b> | <b>120</b> |
| <b>V Home Science/Women empowerment</b>                              |           |            |           |            |           |           |           |            |           |            |
| Household food security by kitchen gardening and nutrition gardening |           |            |           |            |           |           |           |            |           |            |
| Design and development of low/minimum cost diet                      | 01        | -          | 18        | 18         | -         | 02        | 02        | -          | 20        | 20         |
| Designing and development for high nutrient efficiency diet          | 01        | -          | 20        | 20         | -         | -         | -         | -          | 20        | 20         |
| Minimization of nutrient loss in processing                          |           |            |           |            |           |           |           |            |           |            |
| Processing and cooking   |           |            |           |            |           |           |           |            |           |            |
| Gender mainstreaming through SHGs                                    |           |            |           |            |           |           |           |            |           |            |
| Storage loss minimization techniques                                 |           |            |           |            |           |           |           |            |           |            |
| Value addition   | 01        | -          | 20        | 20         | -         | -         | -         | -          | 20        | 20         |
| Women empowerment  |           |            |           |            |           |           |           |            |           |            |
| Location specific drudgery reduction technologies                    | 01        | -          | 18        | 18         | -         | 02        | 02        | -          | 20        | 20         |
| Rural Crafts   |           |            |           |            |           |           |           |            |           |            |
| Women and child care   |           |            |           |            |           |           |           |            |           |            |
| Others (pl specify)  |           |            |           |            |           |           |           |            |           |            |
| <b>Total</b>   | <b>04</b> | <b>-</b>   | <b>76</b> | <b>76</b>  | <b>-</b>  | <b>04</b> | <b>04</b> | <b>-</b>   | <b>80</b> | <b>80</b>  |
| <b>VI Agril. Engineering</b>   |           |            |           |            |           |           |           |            |           |            |
| Farm Machinery and its maintenance                                   |           |            |           |            |           |           |           |            |           |            |
| Installation and maintenance of micro irrigation systems             |           |            |           |            |           |           |           |            |           |            |
| Use of Plastics in farming practices                                 |           |            |           |            |           |           |           |            |           |            |
| Production of small tools and implements                             |           |            |           |            |           |           |           |            |           |            |
| Repair and maintenance of farm machinery and implements              |           |            |           |            |           |           |           |            |           |            |
| Small scale processing and value addition                            |           |            |           |            |           |           |           |            |           |            |
| Post Harvest Technology  |           |            |           |            |           |           |           |            |           |            |
| Others (pl specify)  |           |            |           |            |           |           |           |            |           |            |
| <b>Total</b>   |           |            |           |            |           |           |           |            |           |            |
| <b>VII Plant Protection</b>  |           |            |           |            |           |           |           |            |           |            |
| Integrated Pest Management   | 01        | 19         | -         | 19         | 01        | -         | 01        | 20         | -         | 20         |
| Integrated Disease Management  |           |            |           |            |           |           |           |            |           |            |
| Bio-control of pests and diseases                                    | 01        | 17         | -         | 17         | 03        | -         | 03        | 20         | -         | 20         |
| Production of bio control agents and bio pesticides                  |           |            |           |            |           |           |           |            |           |            |
| Others (pl specify)  |           |            |           |            |           |           |           |            |           |            |
| <b>Total</b>   | <b>02</b> | <b>36</b>  | <b>-</b>  | <b>36</b>  | <b>04</b> | <b>-</b>  | <b>04</b> | <b>40</b>  | <b>-</b>  | <b>40</b>  |
| <b>VIII Fisheries</b>  |           |            |           |            |           |           |           |            |           |            |
| Integrated fish farming  |           |            |           |            |           |           |           |            |           |            |
| Carp breeding and hatchery management                                |           |            |           |            |           |           |           |            |           |            |
| Carp fry and fingerling rearing                                      |           |            |           |            |           |           |           |            |           |            |
| Composite fish culture   |           |            |           |            |           |           |           |            |           |            |
| Hatchery management and culture of freshwater prawn                  |           |            |           |            |           |           |           |            |           |            |
| Breeding and culture of ornamental fishes                            |           |            |           |            |           |           |           |            |           |            |
| Portable plastic carp hatchery                                       |           |            |           |            |           |           |           |            |           |            |
| Pen culture of fish and prawn  |           |            |           |            |           |           |           |            |           |            |
| Shrimp farming   |           |            |           |            |           |           |           |            |           |            |
| Edible oyster farming  |           |            |           |            |           |           |           |            |           |            |
| Pearl culture  |           |            |           |            |           |           |           |            |           |            |
| Fish processing and value addition                                   |           |            |           |            |           |           |           |            |           |            |
| Others (pl specify)  |           |            |           |            |           |           |           |            |           |            |
| <b>Total</b>   |           |            |           |            |           |           |           |            |           |            |
| <b>IX Production of Inputs at site</b>                               |           |            |           |            |           |           |           |            |           |            |

|   |           |            |            |            |           |           |           |            |            |            |
|---|-----------|------------|------------|------------|-----------|-----------|-----------|------------|------------|------------|
| Seed Production                               |           |            |            |            |           |           |           |            |            |            |
| Planting material production                  |           |            |            |            |           |           |           |            |            |            |
| Bio-agents production                         |           |            |            |            |           |           |           |            |            |            |
| Bio-pesticides production                     |           |            |            |            |           |           |           |            |            |            |
| Bio-fertilizer production                     |           |            |            |            |           |           |           |            |            |            |
| Vermi-compost production                      |           |            |            |            |           |           |           |            |            |            |
| Organic manures production                    | 01        | 18         | -          | 18         | 02        | -         | 02        | 20         | -          | 20         |
| Production of fry and fingerlings             |           |            |            |            |           |           |           |            |            |            |
| Production of Bee-colonies and wax sheets     |           |            |            |            |           |           |           |            |            |            |
| Small tools and implements                    |           |            |            |            |           |           |           |            |            |            |
| Production of livestock feed and fodder       |           |            |            |            |           |           |           |            |            |            |
| Production of Fish feed                       |           |            |            |            |           |           |           |            |            |            |
| Mushroom Production                           |           |            |            |            |           |           |           |            |            |            |
| Apiculture                                    |           |            |            |            |           |           |           |            |            |            |
| Others (To aware about PMFBY)                 | 01        | 17         | -          | 17         | 03        | -         | 03        | 20         | -          | 20         |
| <b>Total</b>                                  | <b>02</b> | <b>35</b>  | <b>-</b>   | <b>35</b>  | <b>05</b> | <b>-</b>  | <b>05</b> | <b>40</b>  | <b>-</b>   | <b>40</b>  |
| <b>X Capacity Building and Group Dynamics</b> |           |            |            |            |           |           |           |            |            |            |
| Leadership development                        |           |            |            |            |           |           |           |            |            |            |
| Group dynamics                                |           |            |            |            |           |           |           |            |            |            |
| Formation and Management of SHGs              |           |            |            |            |           |           |           |            |            |            |
| Mobilization of social capital                |           |            |            |            |           |           |           |            |            |            |
| Entrepreneurial development of farmers/youths |           |            |            |            |           |           |           |            |            |            |
| WTO and IPR issues                            |           |            |            |            |           |           |           |            |            |            |
| Others (pl specify)                           |           |            |            |            |           |           |           |            |            |            |
| <b>Total</b>                                  |           |            |            |            |           |           |           |            |            |            |
| <b>XI Agro-forestry</b>                       |           |            |            |            |           |           |           |            |            |            |
| Production technologies                       |           |            |            |            |           |           |           |            |            |            |
| Nursery management                            |           |            |            |            |           |           |           |            |            |            |
| Integrated Farming Systems                    |           |            |            |            |           |           |           |            |            |            |
| Others (pl specify)                           |           |            |            |            |           |           |           |            |            |            |
| <b>Total</b>                                  |           |            |            |            |           |           |           |            |            |            |
| <b>GRAND TOTAL</b>                            | <b>20</b> | <b>241</b> | <b>105</b> | <b>346</b> | <b>50</b> | <b>04</b> | <b>54</b> | <b>291</b> | <b>109</b> | <b>400</b> |

#### Farmers' Training including sponsored training programmes – CONSOLIDATED (On + Off campus)

| Thematic area   | No. of courses | Participants |           |           |           |          |           |             |           |           |
|---|----------------|--------------|-----------|-----------|-----------|----------|-----------|-------------|-----------|-----------|
|   |                | Others       |           |           | SC/ST     |          |           | Grand Total |           |           |
|   |                | Male         | Female    | Total     | Male      | Female   | Total     | Male        | Female    | Total     |
| <b>I Crop Production</b>                                |                |              |           |           |           |          |           |             |           |           |
| Weed Management   |                |              |           |           |           |          |           |             |           |           |
| Resource Conservation Technologies                      |                |              |           |           |           |          |           |             |           |           |
| Cropping Systems  |                |              |           |           |           |          |           |             |           |           |
| Crop Diversification                                    |                |              |           |           |           |          |           |             |           |           |
| Integrated Farming                                      |                |              |           |           |           |          |           |             |           |           |
| Micro Irrigation/irrigation                             |                |              |           |           |           |          |           |             |           |           |
| Seed production   |                |              |           |           |           |          |           |             |           |           |
| Nursery management                                      |                |              |           |           |           |          |           |             |           |           |
| Integrated Crop Management                              |                |              |           |           |           |          |           |             |           |           |
| Soil & water conservatioin                              |                |              |           |           |           |          |           |             |           |           |
| Integrated nutrient management                          |                |              |           |           |           |          |           |             |           |           |
| Production of organic inputs                            |                |              |           |           |           |          |           |             |           |           |
| Others (pl specify)                                     |                |              |           |           |           |          |           |             |           |           |
| <b>Total</b>  |                |              |           |           |           |          |           |             |           |           |
| <b>II Horticulture</b>                                  |                |              |           |           |           |          |           |             |           |           |
| <b>a) Vegetable Crops</b>                               |                |              |           |           |           |          |           |             |           |           |
| Production of low value and high valume crops           | 02             | 11           | 09        | 20        | 20        | -        | 20        | 31          | 09        | 40        |
| Off-season vegetables                                   |                |              |           |           |           |          |           |             |           |           |
| Nursery raising   | 01             | 16           | -         | 16        | 04        | -        | 04        | 20          | -         | 20        |
| Exotic vegetables                                       |                |              |           |           |           |          |           |             |           |           |
| Export potential vegetables                             |                |              |           |           |           |          |           |             |           |           |
| Grading and standardization                             |                |              |           |           |           |          |           |             |           |           |
| Protective cultivation                                  |                |              |           |           |           |          |           |             |           |           |
| Others (pl specify) Micro irrigation in vegetable crops | 01             | 07           | -         | 07        | 13        | -        | 13        | 20          | -         | 20        |
| <b>Total (a)</b>  | <b>04</b>      | <b>34</b>    | <b>09</b> | <b>43</b> | <b>24</b> | <b>-</b> | <b>24</b> | <b>91</b>   | <b>09</b> | <b>80</b> |
| <b>b) Fruits</b>  |                |              |           |           |           |          |           |             |           |           |
| Training and Pruning                                    |                |              |           |           |           |          |           |             |           |           |

|  |           |            |           |            |           |           |           |            |           |            |
|--|-----------|------------|-----------|------------|-----------|-----------|-----------|------------|-----------|------------|
| Layout and Management of Orchards                                    |           |            |           |            |           |           |           |            |           |            |
| Cultivation of Fruit   |           |            |           |            |           |           |           |            |           |            |
| Management of young plants/orchards                                  |           |            |           |            |           |           |           |            |           |            |
| Rejuvenation of old orchards   |           |            |           |            |           |           |           |            |           |            |
| Export potential fruits  |           |            |           |            |           |           |           |            |           |            |
| Micro irrigation systems of orchards                                 | 01        | 10         | 02        | 12         | 08        | -         | 08        | 18         | 02        | 20         |
| Plant propagation techniques   |           |            |           |            |           |           |           |            |           |            |
| Others (pl specify) cultivation of minor fruits                      |           |            |           |            |           |           |           |            |           |            |
| <b>Total (b)</b>   | <b>01</b> | <b>10</b>  | <b>02</b> | <b>12</b>  | <b>08</b> | <b>-</b>  | <b>08</b> | <b>18</b>  | <b>02</b> | <b>20</b>  |
| <b>c) Ornamental Plants</b>  |           |            |           |            |           |           |           |            |           |            |
| Nursery Management   | 01        | 18         | 01        | 19         | 01        | -         | 01        | 19         | 01        | 20         |
| Management of potted plants  |           |            |           |            |           |           |           |            |           |            |
| Export potential of ornamental plants                                |           |            |           |            |           |           |           |            |           |            |
| Propagation techniques of Ornamental Plants                          |           |            |           |            |           |           |           |            |           |            |
| Others (pl specify) Advanced cultivation of marigold                 | 01        | 20         | -         | 20         | -         | -         | -         | 20         | -         | 20         |
| <b>Total (c)</b>   | <b>02</b> | <b>38</b>  | <b>01</b> | <b>39</b>  | <b>01</b> | <b>-</b>  | <b>01</b> | <b>39</b>  | <b>01</b> | <b>40</b>  |
| <b>d) Plantation crops</b>   |           |            |           |            |           |           |           |            |           |            |
| Production and Management technology                                 |           |            |           |            |           |           |           |            |           |            |
| Processing and value addition  |           |            |           |            |           |           |           |            |           |            |
| Others (pl specify)  |           |            |           |            |           |           |           |            |           |            |
| <b>Total (d)</b>   |           |            |           |            |           |           |           |            |           |            |
| <b>e) Tuber crops</b>  |           |            |           |            |           |           |           |            |           |            |
| Production and Management technology                                 |           |            |           |            |           |           |           |            |           |            |
| Processing and value addition  |           |            |           |            |           |           |           |            |           |            |
| Others (pl specify)  |           |            |           |            |           |           |           |            |           |            |
| <b>Total (e)</b>   |           |            |           |            |           |           |           |            |           |            |
| <b>f) Spices</b>   |           |            |           |            |           |           |           |            |           |            |
| Production and Management technology                                 |           |            |           |            |           |           |           |            |           |            |
| Processing and value addition  |           |            |           |            |           |           |           |            |           |            |
| Others (pl specify)  |           |            |           |            |           |           |           |            |           |            |
| <b>Total (f)</b>   |           |            |           |            |           |           |           |            |           |            |
| <b>g) Medicinal and Aromatic Plants</b>                              |           |            |           |            |           |           |           |            |           |            |
| Nursery management   |           |            |           |            |           |           |           |            |           |            |
| Production and management technology                                 |           |            |           |            |           |           |           |            |           |            |
| Post harvest technology and value addition                           | 01        | 10         | 10        | 20         | 0         | -         | 0         | 10         | 10        | 20         |
| Others (pl specify)  |           |            |           |            |           |           |           |            |           |            |
| <b>Total (g)</b>   | <b>01</b> | <b>10</b>  | <b>10</b> | <b>20</b>  | <b>0</b>  | <b>-</b>  | <b>0</b>  | <b>10</b>  | <b>10</b> | <b>20</b>  |
| <b>GT (a-g)</b>  | <b>08</b> | <b>92</b>  | <b>22</b> | <b>114</b> | <b>46</b> | <b>-</b>  | <b>46</b> | <b>138</b> | <b>22</b> | <b>160</b> |
| <b>III Soil Health and Fertility Management</b>                      |           |            |           |            |           |           |           |            |           |            |
| Soil fertility management  |           |            |           |            |           |           |           |            |           |            |
| Integrated water management  |           |            |           |            |           |           |           |            |           |            |
| Integrated Nutrient Management                                       |           |            |           |            |           |           |           |            |           |            |
| Production and use of organic inputs                                 |           |            |           |            |           |           |           |            |           |            |
| Management of Problematic soils                                      |           |            |           |            |           |           |           |            |           |            |
| Micro nutrient deficiency in crops                                   |           |            |           |            |           |           |           |            |           |            |
| Nutrient Use Efficiency  |           |            |           |            |           |           |           |            |           |            |
| Balance use of fertilizers   |           |            |           |            |           |           |           |            |           |            |
| Soil and Water Testing   |           |            |           |            |           |           |           |            |           |            |
| Others (pl specify)  |           |            |           |            |           |           |           |            |           |            |
| <b>Total</b>   |           |            |           |            |           |           |           |            |           |            |
| <b>IV Livestock Production and Management</b>                        |           |            |           |            |           |           |           |            |           |            |
| Dairy Management   |           |            |           |            |           |           |           |            |           |            |
| Poultry Management   | 01        | 14         | 04        | 18         | 02        | -         | 02        | 16         | 04        | 20         |
| Piggery Management   |           |            |           |            |           |           |           |            |           |            |
| Rabbit Management  |           |            |           |            |           |           |           |            |           |            |
| Animal Nutrition Management  | 02        | 33         | 02        | 35         | 03        | 02        | 05        | 36         | 04        | 40         |
| Disease Management   | 04        | 67         | 09        | 76         | 04        | -         | 04        | 71         | 09        | 80         |
| Feed & fodder technology   | 01        | 15         | -         | 15         | 05        | -         | 05        | 20         | -         | 20         |
| Production of quality animal products                                |           |            |           |            |           |           |           |            |           |            |
| Others (pl specify)Goat Management                                   | 01        | 18         | -         | 18         | 02        | -         | 02        | 20         | -         | 20         |
| <b>Total</b>   | <b>09</b> | <b>147</b> | <b>15</b> | <b>162</b> | <b>16</b> | <b>02</b> | <b>18</b> | <b>163</b> | <b>17</b> | <b>180</b> |
| <b>V Home Science/Women empowerment</b>                              |           |            |           |            |           |           |           |            |           |            |
| Household food security by kitchen gardening and nutrition gardening | 01        | -          | 20        | 20         | -         | -         | -         | -          | 20        | 20         |
| Design and development of low/minimum cost diet                      | 02        | -          | 38        | 38         | -         | 02        | 02        | -          | 40        | 40         |

|  |           |           |            |            |           |           |           |           |            |            |
|--|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------|------------|------------|
| Designing and development for high nutrient efficiency diet    | 01        | -         | 20         | 20         | -         | -         | -         | -         | 20         | 20         |
| Minimization of nutrient loss in processing                    | 01        | -         | 17         | 17         | -         | 03        | 03        | -         | 20         | 20         |
| Processing and cooking   |           |           |            |            |           |           |           |           |            |            |
| Gender mainstreaming through SHGs                              |           |           |            |            |           |           |           |           |            |            |
| Storage loss minimization techniques                           | 01        | -         | 20         | 20         | -         | -         | -         | -         | 20         | 20         |
| Value addition   | 01        | -         | 20         | 20         | -         | -         | -         | -         | 20         | 20         |
| Women empowerment  | 01        | -         | 20         | 20         | -         | -         | -         | -         | 20         | 20         |
| Location specific drudgery reduction technologies              | 01        | -         | 18         | 18         | -         | 02        | 02        | -         | 20         | 20         |
| Rural Crafts   |           |           |            |            |           |           |           |           |            |            |
| Women and child care   |           |           |            |            |           |           |           |           |            |            |
| Others (pl specify)Minimization of nutrient loss in techniques |           |           |            |            |           |           |           |           |            |            |
| <b>Total</b>   | <b>09</b> | <b>-</b>  | <b>173</b> | <b>173</b> | <b>-</b>  | <b>07</b> | <b>07</b> | <b>-</b>  | <b>180</b> | <b>180</b> |
| <b>VI Agril. Engineering</b>                                   |           |           |            |            |           |           |           |           |            |            |
| Farm Machinery and its maintenance                             |           |           |            |            |           |           |           |           |            |            |
| Installation and maintenance of micro irrigation systems       |           |           |            |            |           |           |           |           |            |            |
| Use of Plastics in farming practices                           |           |           |            |            |           |           |           |           |            |            |
| Production of small tools and implements                       |           |           |            |            |           |           |           |           |            |            |
| Repair and maintenance of farm machinery and implements        |           |           |            |            |           |           |           |           |            |            |
| Small scale processing and value addition                      |           |           |            |            |           |           |           |           |            |            |
| Post Harvest Technology  |           |           |            |            |           |           |           |           |            |            |
| Others (pl specify)  |           |           |            |            |           |           |           |           |            |            |
| <b>Total</b>   |           |           |            |            |           |           |           |           |            |            |
| <b>VII Plant Protection</b>                                    |           |           |            |            |           |           |           |           |            |            |
| Integrated Pest Management                                     | 02        | 37        | -          | 37         | 03        | -         | 03        | 40        | -          | 40         |
| Integrated Disease Management                                  |           |           |            |            |           |           |           |           |            |            |
| Bio-control of pests and diseases                              | 02        | 37        | -          | 37         | 03        | -         | 03        | 40        | -          | 40         |
| Production of bio control agents and bio pesticides            |           |           |            |            |           |           |           |           |            |            |
| Others (pl specify)  |           |           |            |            |           |           |           |           |            |            |
| <b>Total</b>   | <b>04</b> | <b>74</b> | <b>-</b>   | <b>74</b>  | <b>06</b> | <b>-</b>  | <b>06</b> | <b>80</b> | <b>-</b>   | <b>80</b>  |
| <b>VIII Fisheries</b>  |           |           |            |            |           |           |           |           |            |            |
| Integrated fish farming  |           |           |            |            |           |           |           |           |            |            |
| Carp breeding and hatchery management                          |           |           |            |            |           |           |           |           |            |            |
| Carp fry and fingerling rearing                                |           |           |            |            |           |           |           |           |            |            |
| Composite fish culture   |           |           |            |            |           |           |           |           |            |            |
| Hatchery management and culture of freshwater prawn            |           |           |            |            |           |           |           |           |            |            |
| Breeding and culture of ornamental fishes                      |           |           |            |            |           |           |           |           |            |            |
| Portable plastic carp hatchery                                 |           |           |            |            |           |           |           |           |            |            |
| Pen culture of fish and prawn                                  |           |           |            |            |           |           |           |           |            |            |
| Shrimp farming   |           |           |            |            |           |           |           |           |            |            |
| Edible oyster farming  |           |           |            |            |           |           |           |           |            |            |
| Pearl culture  |           |           |            |            |           |           |           |           |            |            |
| Fish processing and value addition                             |           |           |            |            |           |           |           |           |            |            |
| Others (pl specify)  |           |           |            |            |           |           |           |           |            |            |
| <b>Total</b>   |           |           |            |            |           |           |           |           |            |            |
| <b>IX Production of Inputs at site</b>                         |           |           |            |            |           |           |           |           |            |            |
| Seed Production  |           |           |            |            |           |           |           |           |            |            |
| Planting material production                                   |           |           |            |            |           |           |           |           |            |            |
| Bio-agents production  |           |           |            |            |           |           |           |           |            |            |
| Bio-pesticides production                                      |           |           |            |            |           |           |           |           |            |            |
| Bio-fertilizer production                                      |           |           |            |            |           |           |           |           |            |            |
| Vermi-compost production                                       | 01        | 06        | -          | 06         | 14        | -         | 14        | 20        | -          | 20         |
| Organic manures production                                     | 01        | 18        | -          | 18         | 02        | -         | 02        | 20        | -          | 20         |
| Production of fry and fingerlings                              |           |           |            |            |           |           |           |           |            |            |
| Production of Bee-colonies and wax sheets                      |           |           |            |            |           |           |           |           |            |            |
| Small tools and implements                                     |           |           |            |            |           |           |           |           |            |            |
| Production of livestock feed and fodder                        |           |           |            |            |           |           |           |           |            |            |
| Production of Fish feed  |           |           |            |            |           |           |           |           |            |            |
| Mushroom Production  |           |           |            |            |           |           |           |           |            |            |
| Apiculture   |           |           |            |            |           |           |           |           |            |            |
| Others (To aware about PMFBY)                                  | 01        | 17        | -          | 17         | 03        | -         | 03        | 20        | -          | 20         |
| <b>Total</b>   | <b>03</b> | <b>41</b> | <b>-</b>   | <b>41</b>  | <b>19</b> | <b>-</b>  | <b>19</b> | <b>60</b> | <b>-</b>   | <b>60</b>  |
| <b>X Capacity Building and Group Dynamics</b>                  |           |           |            |            |           |           |           |           |            |            |

|   |           |            |            |            |           |           |           |            |            |            |
|---|-----------|------------|------------|------------|-----------|-----------|-----------|------------|------------|------------|
| Leadership development                        |           |            |            |            |           |           |           |            |            |            |
| Group dynamics                                |           |            |            |            |           |           |           |            |            |            |
| Formation and Management of SHGs              |           |            |            |            |           |           |           |            |            |            |
| Mobilization of social capital                |           |            |            |            |           |           |           |            |            |            |
| Entrepreneurial development of farmers/youths |           |            |            |            |           |           |           |            |            |            |
| WTO and IPR issues                            |           |            |            |            |           |           |           |            |            |            |
| Others (pl specify)                           |           |            |            |            |           |           |           |            |            |            |
| <b>Total</b>                                  |           |            |            |            |           |           |           |            |            |            |
| <b>XI Agro-forestry</b>                       |           |            |            |            |           |           |           |            |            |            |
| Production technologies                       |           |            |            |            |           |           |           |            |            |            |
| Nursery management                            |           |            |            |            |           |           |           |            |            |            |
| Integrated Farming Systems                    |           |            |            |            |           |           |           |            |            |            |
| Others (pl specify)                           |           |            |            |            |           |           |           |            |            |            |
| <b>Total</b>                                  |           |            |            |            |           |           |           |            |            |            |
| <b>GRAND TOTAL</b>                            | <b>33</b> | <b>354</b> | <b>210</b> | <b>564</b> | <b>87</b> | <b>09</b> | <b>96</b> | <b>441</b> | <b>219</b> | <b>660</b> |

### Training for Rural Youths including sponsored training programmes (On campus)

| Area of training   | No. of Courses | No. of Participants |           |           |           |           |           |             |           |           |
|--|----------------|---------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|-----------|
|  |                | General             |           |           | SC/ST     |           |           | Grand Total |           |           |
|  |                | Male                | Female    | Total     | Male      | Female    | Total     | Male        | Female    | Total     |
| Nursery Management of Horticulture crops                             |                |                     |           |           |           |           |           |             |           |           |
| Training and pruning of orchards                                     |                |                     |           |           |           |           |           |             |           |           |
| Protected cultivation of vegetable crops                             |                |                     |           |           |           |           |           |             |           |           |
| Commercial fruit production  |                |                     |           |           |           |           |           |             |           |           |
| Integrated farming   |                |                     |           |           |           |           |           |             |           |           |
| Seed production  |                |                     |           |           |           |           |           |             |           |           |
| Production of organic inputs   |                |                     |           |           |           |           |           |             |           |           |
| Planting material production   |                |                     |           |           |           |           |           |             |           |           |
| Vermi-culture  |                |                     |           |           |           |           |           |             |           |           |
| Mushroom Production  | 01             | 10                  | -         | 10        | -         | -         | -         | 10          | -         | 10        |
| Bee-keeping  |                |                     |           |           |           |           |           |             |           |           |
| Sericulture  |                |                     |           |           |           |           |           |             |           |           |
| Repair and maintenance of farm machinery and implements              |                |                     |           |           |           |           |           |             |           |           |
| Value addition   | 01             | -                   | 10        | 10        | -         | -         | -         | -           | 10        | 10        |
| Small scale processing   |                |                     |           |           |           |           |           |             |           |           |
| Post Harvest Technology  |                |                     |           |           |           |           |           |             |           |           |
| Tailoring and Stitching  |                |                     |           |           |           |           |           |             |           |           |
| Rural Crafts   | 02             | -                   | 19        | 19        | -         | 01        | 01        | -           | 20        | 20        |
| Production of quality animal products                                |                |                     |           |           |           |           |           |             |           |           |
| Dairying   | 01             | 08                  | -         | 08        | 02        | -         | 02        | 10          | -         | 10        |
| Sheep and goat rearing   |                |                     |           |           |           |           |           |             |           |           |
| Quail farming  |                |                     |           |           |           |           |           |             |           |           |
| Piggery  |                |                     |           |           |           |           |           |             |           |           |
| Rabbit farming   |                |                     |           |           |           |           |           |             |           |           |
| Poultry production   | 01             | 07                  | -         | 07        | 03        | -         | 03        | 10          | -         | 10        |
| Ornamental fisheries   |                |                     |           |           |           |           |           |             |           |           |
| Composite fish culture   |                |                     |           |           |           |           |           |             |           |           |
| Freshwater prawn culture   |                |                     |           |           |           |           |           |             |           |           |
| Shrimp farming   |                |                     |           |           |           |           |           |             |           |           |
| Pearl culture  |                |                     |           |           |           |           |           |             |           |           |
| Cold water fisheries   |                |                     |           |           |           |           |           |             |           |           |
| Fish harvest and processing technology                               |                |                     |           |           |           |           |           |             |           |           |
| Fry and fingerling rearing   |                |                     |           |           |           |           |           |             |           |           |
| Any other (pl.specify) Fodder production and Preservation technology |                |                     |           |           |           |           |           |             |           |           |
| <b>TOTAL</b>   | <b>06</b>      | <b>25</b>           | <b>29</b> | <b>54</b> | <b>05</b> | <b>01</b> | <b>06</b> | <b>30</b>   | <b>30</b> | <b>60</b> |



**Training for Rural Youths including sponsored training programmes (Off campus)**

| Area of training  | No. of Courses | No. of Participants |        |       |       |        |       |             |        |       |
|---|----------------|---------------------|--------|-------|-------|--------|-------|-------------|--------|-------|
|   |                | General             |        |       | SC/ST |        |       | Grand Total |        |       |
|   |                | Male                | Female | Total | Male  | Female | Total | Male        | Female | Total |
| Nursery Management of Horticulture crops                |                |                     |        |       |       |        |       |             |        |       |
| Training and pruning of orchards                        |                |                     |        |       |       |        |       |             |        |       |
| Protected cultivation of vegetable crops                |                |                     |        |       |       |        |       |             |        |       |
| Commercial fruit production                             |                |                     |        |       |       |        |       |             |        |       |
| Integrated farming                                      |                |                     |        |       |       |        |       |             |        |       |
| Seed production   |                |                     |        |       |       |        |       |             |        |       |
| Production of organic inputs                            |                |                     |        |       |       |        |       |             |        |       |
| Planting material production                            |                |                     |        |       |       |        |       |             |        |       |
| Vermi-culture   |                |                     |        |       |       |        |       |             |        |       |
| Mushroom Production                                     |                |                     |        |       |       |        |       |             |        |       |
| Bee-keeping   |                |                     |        |       |       |        |       |             |        |       |
| Sericulture   |                |                     |        |       |       |        |       |             |        |       |
| Repair and maintenance of farm machinery and implements |                |                     |        |       |       |        |       |             |        |       |
| Value addition  |                |                     |        |       |       |        |       |             |        |       |
| Small scale processing                                  |                |                     |        |       |       |        |       |             |        |       |
| Post Harvest Technology                                 |                |                     |        |       |       |        |       |             |        |       |
| Tailoring and Stitching                                 |                |                     |        |       |       |        |       |             |        |       |
| Rural Crafts  |                |                     |        |       |       |        |       |             |        |       |
| Production of quality animal products                   |                |                     |        |       |       |        |       |             |        |       |
| Dairying  |                |                     |        |       |       |        |       |             |        |       |
| Sheep and goat rearing                                  |                |                     |        |       |       |        |       |             |        |       |
| Quail farming   |                |                     |        |       |       |        |       |             |        |       |
| Piggery   |                |                     |        |       |       |        |       |             |        |       |
| Rabbit farming  |                |                     |        |       |       |        |       |             |        |       |
| Poultry production                                      |                |                     |        |       |       |        |       |             |        |       |
| Ornamental fisheries                                    |                |                     |        |       |       |        |       |             |        |       |
| Composite fish culture                                  |                |                     |        |       |       |        |       |             |        |       |
| Freshwater prawn culture                                |                |                     |        |       |       |        |       |             |        |       |
| Shrimp farming  |                |                     |        |       |       |        |       |             |        |       |
| Pearl culture   |                |                     |        |       |       |        |       |             |        |       |
| Cold water fisheries                                    |                |                     |        |       |       |        |       |             |        |       |
| Fish harvest and processing technology                  |                |                     |        |       |       |        |       |             |        |       |
| Fry and fingerling rearing                              |                |                     |        |       |       |        |       |             |        |       |
| Any other (pl.specify)                                  |                |                     |        |       |       |        |       |             |        |       |
| <b>TOTAL</b>  |                |                     |        |       |       |        |       |             |        |       |

**Training for Rural Youths including sponsored training programmes – CONSOLIDATED (On + Off campus)**

| Area of training  | No. of Courses | No. of Participants |        |       |       |        |       |             |        |       |
|---|----------------|---------------------|--------|-------|-------|--------|-------|-------------|--------|-------|
|   |                | General             |        |       | SC/ST |        |       | Grand Total |        |       |
|   |                | Male                | Female | Total | Male  | Female | Total | Male        | Female | Total |
| Nursery Management of Horticulture crops                |                |                     |        |       |       |        |       |             |        |       |
| Training and pruning of orchards                        |                |                     |        |       |       |        |       |             |        |       |
| Protected cultivation of vegetable crops                |                |                     |        |       |       |        |       |             |        |       |
| Commercial fruit production                             |                |                     |        |       |       |        |       |             |        |       |
| Integrated farming                                      |                |                     |        |       |       |        |       |             |        |       |
| Seed production   |                |                     |        |       |       |        |       |             |        |       |
| Production of organic inputs                            |                |                     |        |       |       |        |       |             |        |       |
| Planting material production                            |                |                     |        |       |       |        |       |             |        |       |
| Vermi-culture   |                |                     |        |       |       |        |       |             |        |       |
| Mushroom Production                                     | 01             | 10                  | -      | 10    | -     | -      | -     | 10          | -      | 10    |
| Bee-keeping   |                |                     |        |       |       |        |       |             |        |       |
| Sericulture   |                |                     |        |       |       |        |       |             |        |       |
| Repair and maintenance of farm machinery and implements |                |                     |        |       |       |        |       |             |        |       |
| Value addition  | 01             | -                   | 10     | 10    | -     | -      | -     | -           | 10     | 10    |

|  |           |           |           |           |           |           |           |           |           |           |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Small scale processing   |           |           |           |           |           |           |           |           |           |           |
| Post Harvest Technology  |           |           |           |           |           |           |           |           |           |           |
| Tailoring and Stitching  |           |           |           |           |           |           |           |           |           |           |
| Rural Crafts   | 02        | -         | 19        | 19        | -         | 01        | 01        | -         | 20        | 20        |
| Production of quality animal products                                |           |           |           |           |           |           |           |           |           |           |
| Dairying   | 01        | 08        | -         | 08        | 02        | -         | 02        | 10        | -         | 10        |
| Sheep and goat rearing   |           |           |           |           |           |           |           |           |           |           |
| Quail farming  |           |           |           |           |           |           |           |           |           |           |
| Piggery  |           |           |           |           |           |           |           |           |           |           |
| Rabbit farming   |           |           |           |           |           |           |           |           |           |           |
| Poultry production   | 01        | 07        | -         | 07        | 03        | -         | 03        | 10        | -         | 10        |
| Ornamental fisheries   |           |           |           |           |           |           |           |           |           |           |
| Composite fish culture   |           |           |           |           |           |           |           |           |           |           |
| Freshwater prawn culture   |           |           |           |           |           |           |           |           |           |           |
| Shrimp farming   |           |           |           |           |           |           |           |           |           |           |
| Pearl culture  |           |           |           |           |           |           |           |           |           |           |
| Cold water fisheries   |           |           |           |           |           |           |           |           |           |           |
| Fish harvest and processing technology                               |           |           |           |           |           |           |           |           |           |           |
| Fry and fingerling rearing   |           |           |           |           |           |           |           |           |           |           |
| Any other (pl.specify) Fodder production and Preservation technology |           |           |           |           |           |           |           |           |           |           |
| <b>TOTAL</b>   | <b>06</b> | <b>25</b> | <b>29</b> | <b>54</b> | <b>05</b> | <b>01</b> | <b>06</b> | <b>30</b> | <b>30</b> | <b>60</b> |

#### Training programmes for Extension Personnel including sponsored training programmes (on campus)

| Area of training                                      | No. of Courses | No. of Participants |        |       |       |        |       |             |        |       |
|---|----------------|---------------------|--------|-------|-------|--------|-------|-------------|--------|-------|
|   |                | General             |        |       | SC/ST |        |       | Grand Total |        |       |
|   |                | Male                | Female | Total | Male  | Female | Total | Male        | Female | Total |
| Productivity enhancement in field crops               |                |                     |        |       |       |        |       |             |        |       |
| Integrated Pest Management                            |                |                     |        |       |       |        |       |             |        |       |
| Integrated Nutrient management                        |                |                     |        |       |       |        |       |             |        |       |
| Rejuvenation of old orchards                          |                |                     |        |       |       |        |       |             |        |       |
| Protected cultivation technology                      |                |                     |        |       |       |        |       |             |        |       |
| Production and use of organic inputs                  |                |                     |        |       |       |        |       |             |        |       |
| Care and maintenance of farm machinery and implements |                |                     |        |       |       |        |       |             |        |       |
| Gender mainstreaming through SHGs                     |                |                     |        |       |       |        |       |             |        |       |
| Formation and Management of SHGs                      |                |                     |        |       |       |        |       |             |        |       |
| Women and Child care                                  |                |                     |        |       |       |        |       |             |        |       |
| Low cost and nutrient efficient diet designing        |                |                     |        |       |       |        |       |             |        |       |
| Group Dynamics and farmers organization               |                |                     |        |       |       |        |       |             |        |       |
| Information networking among farmers                  |                |                     |        |       |       |        |       |             |        |       |
| Capacity building for ICT application                 |                |                     |        |       |       |        |       |             |        |       |
| Management in farm animals                            |                |                     |        |       |       |        |       |             |        |       |
| Livestock feed and fodder production                  |                |                     |        |       |       |        |       |             |        |       |
| Household food security                               |                |                     |        |       |       |        |       |             |        |       |
| Any other (pl.specify)                                |                |                     |        |       |       |        |       |             |        |       |
| <b>TOTAL</b>  |                |                     |        |       |       |        |       |             |        |       |

#### Training programmes for Extension Personnel including sponsored training programmes (off campus)

| Area of training                                      | No. of Courses | No. of Participants |        |       |       |        |       |             |        |       |
|---|----------------|---------------------|--------|-------|-------|--------|-------|-------------|--------|-------|
|   |                | General             |        |       | SC/ST |        |       | Grand Total |        |       |
|   |                | Male                | Female | Total | Male  | Female | Total | Male        | Female | Total |
| Productivity enhancement in field crops               |                |                     |        |       |       |        |       |             |        |       |
| Integrated Pest Management                            | 02             | 50                  | -      | 50    | 10    | -      | 10    | 60          | -      | 60    |
| Integrated Nutrient management                        |                |                     |        |       |       |        |       |             |        |       |
| Rejuvenation of old orchards                          | 01             | 25                  | -      | 25    | 05    | -      | 05    | 30          | -      | 30    |
| Protected cultivation technology                      | 01             | 24                  | -      | 24    | 06    | -      | 06    | 30          | -      | 30    |
| Production and use of organic inputs                  |                |                     |        |       |       |        |       |             |        |       |
| Care and maintenance of farm machinery and implements |                |                     |        |       |       |        |       |             |        |       |
| Gender mainstreaming through SHGs                     |                |                     |        |       |       |        |       |             |        |       |
| Formation and Management of SHGs                      |                |                     |        |       |       |        |       |             |        |       |
| Women and Child care                                  | 01             | -                   | 23     | 23    | -     | 07     | 07    | -           | 30     | 30    |

|  |           |            |           |            |           |            |           |            |           |            |
|--|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|
| Low cost and nutrient efficient diet designing | 01        | -          | 25        | 25         | -         | 05         | 05        | -          | 30        | 30         |
| Group Dynamics and farmers organization        |           |            |           |            |           |            |           |            |           |            |
| Information networking among farmers           |           |            |           |            |           |            |           |            |           |            |
| Capacity building for ICT application          |           |            |           |            |           |            |           |            |           |            |
| Management in farm animals                     | 02        | 50         | -         | 50         | 04        | -          | 04        | 54         | -         | 54         |
| Livestock feed and fodder production           | 02        | 48         | -         | 48         | 07        | -          | 07        | 55         | -         | 55         |
| Household food security                        |           |            |           |            |           |            |           |            |           |            |
| Any other (pl.specify)                         |           |            |           |            |           |            |           |            |           |            |
| <b>TOTAL</b>                                   | <b>10</b> | <b>197</b> | <b>48</b> | <b>245</b> | <b>32</b> | <b>123</b> | <b>44</b> | <b>229</b> | <b>60</b> | <b>289</b> |

**Training programmes for Extension Personnel including sponsored training programmes – CONSOLIDATED (On + Off campus)**

| Area of training                                      | No. of Courses | No. of Participants |           |            |           |            |           |             |           |            |
|---|----------------|---------------------|-----------|------------|-----------|------------|-----------|-------------|-----------|------------|
|   |                | General             |           |            | SC/ST     |            |           | Grand Total |           |            |
|   |                | Male                | Female    | Total      | Male      | Female     | Total     | Male        | Female    | Total      |
| Productivity enhancement in field crops               |                |                     |           |            |           |            |           |             |           |            |
| Integrated Pest Management                            | 02             | 50                  | -         | 50         | 10        | -          | 10        | 60          | -         | 60         |
| Integrated Nutrient management                        |                |                     |           |            |           |            |           |             |           |            |
| Rejuvenation of old orchards                          | 01             | 25                  | -         | 25         | 05        | -          | 05        | 30          | -         | 30         |
| Protected cultivation technology                      | 01             | 24                  | -         | 24         | 06        | -          | 06        | 30          | -         | 30         |
| Production and use of organic inputs                  |                |                     |           |            |           |            |           |             |           |            |
| Care and maintenance of farm machinery and implements |                |                     |           |            |           |            |           |             |           |            |
| Gender mainstreaming through SHGs                     |                |                     |           |            |           |            |           |             |           |            |
| Formation and Management of SHGs                      |                |                     |           |            |           |            |           |             |           |            |
| Women and Child care                                  | 01             | -                   | 23        | 23         | -         | 07         | 07        | -           | 30        | 30         |
| Low cost and nutrient efficient diet designing        | 01             | -                   | 25        | 25         | -         | 05         | 05        | -           | 30        | 30         |
| Group Dynamics and farmers organization               |                |                     |           |            |           |            |           |             |           |            |
| Information networking among farmers                  |                |                     |           |            |           |            |           |             |           |            |
| Capacity building for ICT application                 |                |                     |           |            |           |            |           |             |           |            |
| Management in farm animals                            | 02             | 50                  | -         | 50         | 04        | -          | 04        | 54          | -         | 54         |
| Livestock feed and fodder production                  | 02             | 48                  | -         | 48         | 07        | -          | 07        | 55          | -         | 55         |
| Household food security                               |                |                     |           |            |           |            |           |             |           |            |
| Any other (pl.specify)                                |                |                     |           |            |           |            |           |             |           |            |
| <b>TOTAL</b>  | <b>10</b>      | <b>197</b>          | <b>48</b> | <b>245</b> | <b>32</b> | <b>123</b> | <b>44</b> | <b>229</b>  | <b>60</b> | <b>289</b> |

**Table: Sponsored training programmes**

| Area of training                                  | No. of Courses | No. of Participants |        |       |       |        |       |             |        |       |
|---|----------------|---------------------|--------|-------|-------|--------|-------|-------------|--------|-------|
|   |                | General             |        |       | SC/ST |        |       | Grand Total |        |       |
|   |                | Male                | Female | Total | Male  | Female | Total | Male        | Female | Total |
| <b>Crop production and management</b>             |                |                     |        |       |       |        |       |             |        |       |
| Increasing production and productivity of crops   |                |                     |        |       |       |        |       |             |        |       |
| Commercial production of vegetables               |                |                     |        |       |       |        |       |             |        |       |
| <b>Production and value addition</b>              |                |                     |        |       |       |        |       |             |        |       |
| Fruit Plants                                      |                |                     |        |       |       |        |       |             |        |       |
| Ornamental plants                                 |                |                     |        |       |       |        |       |             |        |       |
| Spices crops                                      |                |                     |        |       |       |        |       |             |        |       |
| Soil health and fertility management              |                |                     |        |       |       |        |       |             |        |       |
| Production of Inputs at site                      |                |                     |        |       |       |        |       |             |        |       |
| Methods of protective cultivation                 |                |                     |        |       |       |        |       |             |        |       |
| Others (pl. specify)                              |                |                     |        |       |       |        |       |             |        |       |
| <b>Total</b>                                      |                |                     |        |       |       |        |       |             |        |       |
| <b>Post harvest technology and value addition</b> |                |                     |        |       |       |        |       |             |        |       |
| Processing and value addition                     |                |                     |        |       |       |        |       |             |        |       |
| Others (pl. specify)                              |                |                     |        |       |       |        |       |             |        |       |
| <b>Total</b>                                      |                |                     |        |       |       |        |       |             |        |       |
| <b>Farm machinery</b>                             |                |                     |        |       |       |        |       |             |        |       |
| Farm machinery, tools and implements              |                |                     |        |       |       |        |       |             |        |       |
| Others (pl. specify) F.T.T.                       |                |                     |        |       |       |        |       |             |        |       |
| <b>Total</b>                                      |                |                     |        |       |       |        |       |             |        |       |
| <b>Livestock and fisheries</b>                    |                |                     |        |       |       |        |       |             |        |       |
| Livestock production and management               |                |                     |        |       |       |        |       |             |        |       |
| Animal Nutrition Management                       |                |                     |        |       |       |        |       |             |        |       |
| Animal Disease Management                         |                |                     |        |       |       |        |       |             |        |       |
| Fisheries Nutrition                               |                |                     |        |       |       |        |       |             |        |       |
| Fisheries Management                              |                |                     |        |       |       |        |       |             |        |       |

|                                      |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Others (pl. specify)                 |  |  |  |  |  |  |  |  |  |  |  |
| <b>Total</b>                         |  |  |  |  |  |  |  |  |  |  |  |
| <b>Home Science</b>                  |  |  |  |  |  |  |  |  |  |  |  |
| Household nutritional security       |  |  |  |  |  |  |  |  |  |  |  |
| Economic empowerment of women        |  |  |  |  |  |  |  |  |  |  |  |
| Drudgery reduction of women          |  |  |  |  |  |  |  |  |  |  |  |
| Others (pl. specify)                 |  |  |  |  |  |  |  |  |  |  |  |
| <b>Total</b>                         |  |  |  |  |  |  |  |  |  |  |  |
| <b>Agricultural Extension</b>        |  |  |  |  |  |  |  |  |  |  |  |
| Capacity Building and Group Dynamics |  |  |  |  |  |  |  |  |  |  |  |
| <b>Others (pl. specify)FTT</b>       |  |  |  |  |  |  |  |  |  |  |  |
| <b>Total</b>                         |  |  |  |  |  |  |  |  |  |  |  |
| <b>GRAND TOTAL</b>                   |  |  |  |  |  |  |  |  |  |  |  |

**Name of sponsoring agencies involved**

**Details of vocational training programmes carried out by KVKs for rural youth**

| Area of training   | No. of Courses | No. of Participants |        |       |       |        |       |             |        |       |  |
|--|----------------|---------------------|--------|-------|-------|--------|-------|-------------|--------|-------|--|
|  |                | General             |        |       | SC/ST |        |       | Grand Total |        |       |  |
|  |                | Male                | Female | Total | Male  | Female | Total | Male        | Female | Total |  |
| <b>Crop production and management</b>                          |                |                     |        |       |       |        |       |             |        |       |  |
| Commercial floriculture  |                |                     |        |       |       |        |       |             |        |       |  |
| Commercial fruit production                                    |                |                     |        |       |       |        |       |             |        |       |  |
| Commercial vegetable production                                |                |                     |        |       |       |        |       |             |        |       |  |
| Integrated crop management                                     |                |                     |        |       |       |        |       |             |        |       |  |
| Organic farming  |                |                     |        |       |       |        |       |             |        |       |  |
| Others (pl. specify)   |                |                     |        |       |       |        |       |             |        |       |  |
| <b>Total</b>   |                |                     |        |       |       |        |       |             |        |       |  |
| <b>Post harvest technology and value addition</b>              |                |                     |        |       |       |        |       |             |        |       |  |
| Value addition   |                |                     |        |       |       |        |       |             |        |       |  |
| Others (pl. specify)   |                |                     |        |       |       |        |       |             |        |       |  |
| <b>Total</b>   |                |                     |        |       |       |        |       |             |        |       |  |
| <b>Livestock and fisheries</b>                                 |                |                     |        |       |       |        |       |             |        |       |  |
| Dairy farming  |                |                     |        |       |       |        |       |             |        |       |  |
| Composite fish culture   |                |                     |        |       |       |        |       |             |        |       |  |
| Sheep and goat rearing   |                |                     |        |       |       |        |       |             |        |       |  |
| Piggery  |                |                     |        |       |       |        |       |             |        |       |  |
| Poultry farming  |                |                     |        |       |       |        |       |             |        |       |  |
| Others (pl. specify)   |                |                     |        |       |       |        |       |             |        |       |  |
| <b>Total</b>   |                |                     |        |       |       |        |       |             |        |       |  |
| <b>Income generation activities</b>                            |                |                     |        |       |       |        |       |             |        |       |  |
| Vermicomposting  |                |                     |        |       |       |        |       |             |        |       |  |
| Production of bio-agents, bio-pesticides, bio-fertilizers etc. |                |                     |        |       |       |        |       |             |        |       |  |
| Repair and maintenance of farm machinery and implements        |                |                     |        |       |       |        |       |             |        |       |  |
| Rural Crafts   |                |                     |        |       |       |        |       |             |        |       |  |
| Seed production  |                |                     |        |       |       |        |       |             |        |       |  |
| Sericulture  |                |                     |        |       |       |        |       |             |        |       |  |
| Mushroom cultivation   |                |                     |        |       |       |        |       |             |        |       |  |
| Nursery, grafting etc.   |                |                     |        |       |       |        |       |             |        |       |  |
| Tailoring, stitching, embroidery, dying etc.                   |                |                     |        |       |       |        |       |             |        |       |  |
| Agril. para-workers, para-vet training                         |                |                     |        |       |       |        |       |             |        |       |  |
| Others (pl. specify)   |                |                     |        |       |       |        |       |             |        |       |  |
| <b>Total</b>   |                |                     |        |       |       |        |       |             |        |       |  |
| <b>Agricultural Extension</b>                                  |                |                     |        |       |       |        |       |             |        |       |  |
| Capacity building and group dynamics                           |                |                     |        |       |       |        |       |             |        |       |  |
| Others (pl. specify)   |                |                     |        |       |       |        |       |             |        |       |  |
| <b>Total</b>   |                |                     |        |       |       |        |       |             |        |       |  |
| <b>Grand Total</b>   |                |                     |        |       |       |        |       |             |        |       |  |

#### IV. Extension Programmes

| Activities                         | No. of programmes | No. of farmers | No. of Extension Personnel | TOTAL       |
|------------------------------------|-------------------|----------------|----------------------------|-------------|
| Advisory Services                  | 30                | 190            | 25                         | 215         |
| Diagnostic visits                  | 20                | 142            | 08                         | 150         |
| Field Day                          | 06                | 550            | 60                         | 610         |
| Group discussions                  | 28                | 310            | 05                         | 315         |
| KisanGhoshi                        | 20                | 300            | 15                         | 315         |
| Film Show                          | 15                | 280            | 14                         | 294         |
| Self -help groups                  | 12                | 120            | 10                         | 130         |
| Kisan Mela                         | 0                 | 0              | 0                          | 0           |
| Exhibition                         | 0                 | 0              | 0                          | 0           |
| Scientists' visit to farmers field | 140               | 232            | 18                         | 250         |
| Plant/animal health camps          | 0                 | 0              | 0                          | 0           |
| Farm Science Club                  | 0                 | 0              | 0                          | 0           |
| Ex-trainees Sammelan               | 02                | 50             | 0                          | 50          |
| Farmers' seminar/workshop          | 0                 | 0              | 0                          | 0           |
| Method Demonstrations              | 0                 | 0              | 0                          | 0           |
| Celebration of important days      | 06                | 700            | 110                        | 810         |
| Special day celebration            | 02                | 90             | 10                         | 100         |
| Exposure visits                    | 0                 | 0              | 0                          | 0           |
| Others (pl. specify)               | 0                 | 0              | 0                          | 0           |
| <b>Total</b>                       | <b>281</b>        | <b>2964</b>    | <b>275</b>                 | <b>3239</b> |

#### Details of other extension programmes

| Particulars                                     | Number      |
|---|-------------|
| Electronic Media (CD./DVD)                      | -           |
| Extension Literature                            | 6000        |
| News paper coverage                             | 98          |
| Popular articles                                | 06          |
| Radio Talks                                     | 05          |
| TV Talks  | 02          |
| Animal health camps (Number of animals treated) | -           |
| Others (pl. specify) –Training Manual-03        | -           |
| <b>Total</b>                                    | <b>6111</b> |

#### Mobile Advisory Services

| Name of KVK | Message Type                    | Type of Messages |           |         |           |           |                  |       |
|-------------|---------------------------------|------------------|-----------|---------|-----------|-----------|------------------|-------|
|             |                                 | Crop             | Livestock | Weather | Marketing | Awareness | Other enterprise | Total |
|             | Text only                       |                  |           |         |           |           |                  |       |
|             | Voice only                      |                  |           |         |           |           |                  |       |
|             | Voice & Text both               |                  |           |         |           |           |                  |       |
|             | <b>Total Messages</b>           |                  |           |         |           |           |                  |       |
|             | <b>Total farmers Benefitted</b> |                  |           |         |           |           |                  |       |

## V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

| Number of KVKs organised<br>Technology Week | Types of Activities                                    | No. of<br>Activities | Number of<br>Participants | Related crop/livestock technology |
|---|--|----------------------|---------------------------|-----------------------------------|
|   | Gosthies   |                      |                           |                                   |
|   | Lectures organised                                     |                      |                           |                                   |
|   | Exhibition   |                      |                           |                                   |
|   | Film show  |                      |                           |                                   |
|   | Fair   |                      |                           |                                   |
|   | Farm Visit   |                      |                           |                                   |
|   | Diagnostic Practicals                                  |                      |                           |                                   |
|   | Distribution of Literature (No.)                       |                      |                           |                                   |
|   | Distribution of Seed (q)                               |                      |                           |                                   |
|   | Distribution of Planting materials (No.)               |                      |                           |                                   |
|   | Bio Product distribution (Kg)                          |                      |                           |                                   |
|   | Bio Fertilizers (q)                                    |                      |                           |                                   |
|   | Distribution of fingerlings                            |                      |                           |                                   |
|   | Distribution of Livestock specimen (No.)               |                      |                           |                                   |
|   | Total number of farmers visited the<br>technology week |                      |                           |                                   |

## VI. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

### Production of seeds by the KVKs

| Crop              | Name of the<br>crop | Name of the variety | Name of the<br>hybrid | Quantity of seed<br>(q) | Value<br>(Rs)    | Number of<br>farmers |
|-------------------|---------------------|---------------------|-----------------------|-------------------------|------------------|----------------------|
| Cereals           |                     |                     |                       |                         |                  |                      |
| Rabi 2019-20      | Wheat               | HD-2967             | Certified             | 98.00                   | 188650.00        | -                    |
| Kharif 2020       | Paddy               | PR-113              | Certified             | 88.80                   | 165878.00        | -                    |
|                   |                     |                     |                       |                         |                  |                      |
| Oilseeds          |                     |                     |                       |                         |                  |                      |
|                   |                     |                     |                       |                         |                  |                      |
| Pulses            |                     |                     |                       |                         |                  |                      |
|                   |                     |                     |                       |                         |                  |                      |
| Commercial crops  |                     |                     |                       |                         |                  |                      |
|                   |                     |                     |                       |                         |                  |                      |
| Vegetables        |                     |                     |                       |                         |                  |                      |
|                   |                     |                     |                       |                         |                  |                      |
| Flower crops      |                     |                     |                       |                         |                  |                      |
|                   |                     |                     |                       |                         |                  |                      |
| Spices            |                     |                     |                       |                         |                  |                      |
|                   |                     |                     |                       |                         |                  |                      |
| Fodder crop seeds |                     |                     |                       |                         |                  |                      |
|                   |                     |                     |                       |                         |                  |                      |
| Fiber crops       |                     |                     |                       |                         |                  |                      |
|                   |                     |                     |                       |                         |                  |                      |
| Forest Species    |                     |                     |                       |                         |                  |                      |
|                   |                     |                     |                       |                         |                  |                      |
| Others            |                     |                     |                       |                         |                  |                      |
|                   |                     |                     |                       |                         |                  |                      |
| <b>Total</b>      |                     |                     |                       | <b>186.80</b>           | <b>354428.00</b> |                      |

**Production of planting materials by the KVKs**

| Crop                   | Name of the crop | Name of the variety | Name of the hybrid | Number       | Value (Rs.) | Number of farmers |
|------------------------|------------------|---------------------|--------------------|--------------|-------------|-------------------|
| Commercial             |                  |                     |                    |              |             |                   |
| Vegetable seedlings    | Tomato           | Pusa Hybrid-8       | F1                 | 3640         | -           | 03                |
|                        |                  | Arka Vishal         | F1                 | 3920         | -           | 08                |
|                        | Brinjal          | Kashi Sandesh       | F1                 | 3750         | -           | 06                |
|                        |                  | Pusa Hybrid-6       | F1                 | 4300         | -           | 09                |
|                        | Chilli           | ArkaMeghana         | F1                 | 3950         | -           | 04                |
|                        |                  | Kashi Anmol         | F1                 | 4780         | -           | 10                |
|                        | Onion            | Pusa Red            | F1                 | 15500        | -           | 19                |
|                        |                  |                     |                    |              |             |                   |
|                        |                  |                     |                    |              |             |                   |
| Fruits                 |                  |                     |                    |              |             |                   |
|                        |                  |                     |                    |              |             |                   |
| Ornamental plants      |                  |                     |                    |              |             |                   |
|                        |                  |                     |                    |              |             |                   |
| Medicinal and Aromatic |                  |                     |                    |              |             |                   |
|                        |                  |                     |                    |              |             |                   |
| Plantation             |                  |                     |                    |              |             |                   |
|                        |                  |                     |                    |              |             |                   |
| Spices                 |                  |                     |                    |              |             |                   |
|                        |                  |                     |                    |              |             |                   |
| Tuber                  |                  |                     |                    |              |             |                   |
|                        |                  |                     |                    |              |             |                   |
| Fodder crop saplings   |                  |                     |                    |              |             |                   |
|                        |                  |                     |                    |              |             |                   |
| Forest Species         |                  |                     |                    |              |             |                   |
|                        |                  |                     |                    |              |             |                   |
| Others                 |                  |                     |                    |              |             |                   |
|                        |                  |                     |                    |              |             |                   |
| <b>G. Total</b>        |                  |                     |                    | <b>39840</b> | <b>-</b>    | <b>59</b>         |

**Production of Bio-Products**

| Bio Products           | Name of the bio-product | Quantity | Value (Rs.) | No. of Farmers |
|------------------------|-------------------------|----------|-------------|----------------|
|                        |                         | Kg       |             |                |
| Bio Fertilisers        |                         |          |             |                |
|                        |                         |          |             |                |
| Bio-pesticide          |                         |          |             |                |
|                        |                         |          |             |                |
| Bio-fungicide          |                         |          |             |                |
|                        |                         |          |             |                |
| Bio Agents             |                         |          |             |                |
|                        |                         |          |             |                |
| Others (Vermi Compost) |                         |          |             |                |
| NADEP Compost          |                         |          |             |                |
| <b>Total</b>           |                         |          |             |                |

**Table: Production of livestock materials**

| Particulars of Live stock | Name of the breed | Number | Value (Rs.) | No. of Farmers |
|---------------------------|-------------------|--------|-------------|----------------|
| <b>Dairy animals</b>      |                   |        |             |                |
| Cows                      |                   |        |             |                |
| Buffaloes                 |                   |        |             |                |
| Calves                    |                   |        |             |                |
| Others (Pl. specify)      |                   |        |             |                |
|                           |                   |        |             |                |
| <b>Poultry</b>            |                   |        |             |                |
| Broilers                  |                   |        |             |                |
| Layers                    |                   |        |             |                |
| Duals (broiler and layer) |                   |        |             |                |
| Japanese Quail            |                   |        |             |                |
| Turkey                    |                   |        |             |                |
| Emu                       |                   |        |             |                |
| Ducks                     |                   |        |             |                |
| Others (Pl. specify)      |                   |        |             |                |
|                           |                   |        |             |                |
| <b>Piggery</b>            |                   |        |             |                |
| Piglet                    |                   |        |             |                |
| Others (Pl. specify)      |                   |        |             |                |
|                           |                   |        |             |                |
| <b>Fisheries</b>          |                   |        |             |                |
| Indian carp               |                   |        |             |                |
| Exotic carp               |                   |        |             |                |
| Others (Pl. specify)      |                   |        |             |                |
|                           |                   |        |             |                |
| <b>Total</b>              |                   |        |             |                |

## VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

| Samples              | No. of Samples | No. of Farmers | No. of Villages | Amount realized (Rs.) |
|----------------------|----------------|----------------|-----------------|-----------------------|
| Soil                 | 123            | 123            | 96              |                       |
| Water                |                |                |                 |                       |
| Plant                |                |                |                 |                       |
| Manure               |                |                |                 |                       |
| Others (pl. specify) |                |                |                 |                       |
| <b>Total</b>         | <b>123</b>     | <b>123</b>     | <b>96</b>       |                       |

## VIII. SCIENTIFIC ADVISORY COMMITTEE

| Name of KVK      | Number of SACs conducted |
|------------------|--------------------------|
| KVK Shahjahanpur | 01                       |
|                  |                          |

## IX. NEWSLETTER

| Name of News letter | No. of Copies printed for distribution |
|---------------------|--|
|                     |  |
|                     |  |



## X. PUBLICATIONS

| Category                             | Number    |
|--------------------------------------|-----------|
| Research Paper                       | 02        |
| Technical bulletins                  | 04        |
| Technical reports                    | 20        |
| Others (pl. specify) Training Manual | -         |
| <b>Total</b>                         | <b>26</b> |

## XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

| Activities conducted       |                        |                                 |                        |                          |
|----------------------------|------------------------|---------------------------------|------------------------|--------------------------|
| No. of Training programmes | No. of Demonstration s | No. of plant materials produced | Visit by farmers (No.) | Visit by officials (No.) |
|                            |                        |                                 |                        |                          |
|                            |                        |                                 |                        |                          |
|                            |                        |                                 |                        |                          |

## XII. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTORM/COLD WAVES ETC

Introduction of alternate crops/varieties: N.A.

| Crops/cultivars | Area (ha) | Extent of damage | Recovery of damage through KVK initiatives if any |
|-----------------|-----------|------------------|---|
| -               | -         | -                | -   |
| -               | -         | -                | -   |
| <b>Total</b>    | -         | -                | -   |

Major area coverage under alternate crops/varieties

| Crops           | Area (ha) | Number of beneficiaries |
|-----------------|-----------|-------------------------|
| Oilseeds        | -         | -                       |
| Pulses          | -         | -                       |
| Cereals         | -         | -                       |
| Vegetable crops | -         | -                       |
| Tuber crops     | -         | -                       |
| <b>Total</b>    | -         | -                       |

Farmers-scientists interaction on livestock management

| Livestock components | Number of interactions | No.of participants |
|----------------------|------------------------|--------------------|
| -                    | -                      | -                  |
| -                    | -                      | -                  |
| <b>Total</b>         | -                      | -                  |

Animal health camps organised

| Number of camps | No.of animals | No.of farmers |
|-----------------|---------------|---------------|
|                 | -             | -             |
|                 | -             | -             |
| <b>Total</b>    | -             | -             |

Seed distribution in drought hit states:

| Crops        | Quantity (qtl) | Coverage of area (ha) | Number of farmers |
|--------------|----------------|-----------------------|-------------------|
|              | -              | -                     | -                 |
|              | -              | -                     | -                 |
| <b>Total</b> | -              | -                     | -                 |

Large scale adoption of resource conservation technologies

| Crops/cultivars and gist of resource conservation technologies introduced | Area (ha) | Number of farmers |
|---|-----------|-------------------|
| -   | -         | -                 |
| -   | -         | -                 |
| <b>Total</b>  |           |                   |

Awareness campaign

|              | Meetings |                | Gosthies |                | Field days |                | Farmers fair |                | Exhibition |                | Film show |                |
|--------------|----------|----------------|----------|----------------|------------|----------------|--------------|----------------|------------|----------------|-----------|----------------|
|              | No.      | No. of farmers | No.      | No. of farmers | No.        | No. of farmers | No.          | No. of farmers | No.        | No. of farmers | No.       | No. of farmers |
| -            | -        | -              | -        | -              | -          | -              | -            | -              | -          | -              | -         | -              |
| -            | -        | -              | -        | -              | -          | -              | -            | -              | -          | -              | -         | -              |
| <b>Total</b> |          |                |          |                |            |                |              |                |            |                |           |                |

### XIII. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension: N.A.

| Name of the SAU | Title of the training programmes | No of programmes | No. of Participants | No. of KVKs involved |
|-----------------|----------------------------------|------------------|---------------------|----------------------|
|                 | -                                | -                | -                   | -                    |
| <b>Total</b>    | -                                | -                | -                   | -                    |

B. HRD activities organized in identified areas for KVK staff by Zonal Project Directorate

| Title of the training programmes | No of programmes | No. of Participants | No. of KVKs involved |
|----------------------------------|------------------|---------------------|----------------------|
|                                  | -                | -                   | -                    |
| <b>Total</b>                     | -                | -                   | -                    |

#### XIV. CASE STUDY

### Success Story-Horticulture - 2019-20

**Specific Technology:** Production of Shimla Mirch on FIRBS method with mulching and drip irrigation.

**Name of KVK:** KVK, Shahjahanpur

**Crop and Variety:** Shimla Mirch, Artillado

**Name of farmer and Address:** Sri Tara Singh S/o Sri Sohan Singh, Village- Bahadurpur Diuriya, Block-Khutar, Tehsil- Powayan, Shahjahanpur

**Background Information about farmer's field:** As per the soil test report:-

- Available N:P:K- 170:60:70
- Farming Situation:- Irrigated
- Previous Crop:- Dhaincha for green manuring
- Sowing Date:- 02.09.2019 to 04.09.2019
- Harvested date:04.11.2019 to 25.01.2020 and 24.02.2020 to 05.05.2020

**Details of Technology Demonstrated:-** Hybrid seed variety Artillado on FIRBS method with mulching and drip irrigation.

**Institutional Involvement:** Technical guidance to adopt FIRBS method of sowing with polythene mulch to save field moisture and weeds control and also suggested drip irrigation.

**Success Point:** Efficient use of ground water by using drip irrigation. It also reduced incidence of pest and diseases and weeds.

**Farmers Feed Back:** Farmers appreciated the technology it gave an additional income of Rs. 446000.00 as compare to traditional method.

**Yield (q/ha): Potential yield of variety**

**District average (2019) – 250q/ha**

**State Average (2019):- 200q/ha**

**Performance of Technology vis-a-vis local check (Increase in productivity and returns)**

| Used practice    | Yield (q/ha) | Gross Cost (Rs./ha) | Gross Income (Rs./ha) | Net Income (Rs./ha) | B:C Ratio |
|------------------|--------------|---------------------|-----------------------|---------------------|-----------|
| Farmers practice | 300          | 150000.00           | 360000.00             | 210000.00           | 2.40      |
| Demonstration    | 580          | 250000.00           | 696000.00             | 446000.00           | 2.78      |
| % Increase       | 93.33        | 66.66               | 93.33                 | 112.38              | 15.83     |



**Farmers Field of Capsicum (Shimla Mirch)**

### **Success Story on CFLD Lentil 2019-20**

**Specific Technology:** Use of high yielding variety, INM and IPM.

**Name of KVK:** KVK, Shahjahanpur

**Crop and Variety:** Lentil, PL08

**Name of farmer and Address:** Sri Sirish Kumar Saxena S/o Sri Avinash Chandra Saxena, Village-Kutwapur, Block-Bhawalkhera, Tehsil- Sadar, Shahjahanpur

**Background Information about farmer's field:** As per the soil test report:-

- a. Available N:P:K- 170.5:55.21:69.11
- b. Farming Situation:- Irrigated
- c. Soil Type: Sandy Loam
- d. Previous Crop:- Paddy
- e. Seasonal Rainfall: 153.6mm
- f. No. of Rainy Days: 12
- g. Sowing Date:- 09-11-2019
- h. Harvested Date:21.03.2020

**Details of Technology Demonstrated:-**

- HYV seed (PL 08) @30 Kg/ha
- Mancozeb+carbendazim@1.25kg/ha
- Imidachloprid @0.25l/ha

➤ Sulphur (WP) @2.5kg/ha

**Institutional Involvement:** Technical guidance to adopt line sowing in first fortnight of November, basal application of full dose of phosphorus and potash through DAP and MOP and Starter dose of Nitrogen. Use of secondary nutrient-sulphur as bentonite sulphur. Timely use of insecticide and fungicide to save the crop from insect pest and diseases.

**Success Point:** Adoption of HYV PL 08 and focus on INM and IPM with good agronomic intercultural operations has increased the production and productivity of lentil in the district.

**Farmers Feed Back:** The technology is very effective in enhancing the production and productivity of lentil. The economic gain is better than traditional farmers practice.

**Yield (q/ha): Potential yield of variety**

**District average (2019) – 10.52/ha**

**State Average (2019):- 8.54q/ha**

**Performance of Technology vis-a-vis local check (Increase in productivity and returns)**

| Used practice    | Yield (q/ha) | Gross Cost (Rs./ha) | Gross Income (Rs./ha) | Net Income (Rs./ha) | B:C Ratio |
|------------------|--------------|---------------------|-----------------------|---------------------|-----------|
| Farmers practice | 16.8         | 27050               | 75600                 | 48550               | 2.79      |
| Demonstration    | 25.5         | 31700               | 114750                | 83050               | 3.62      |
| % Increase       | 51.8         | 17.2                | 51.78                 | 71.06               | 29.74     |



**Farmers Field of Lentil PL 08 Crop**

#### XIV. AGRICULTURAL TECHNOLOGY INFORMATION CENTRE

##### A. Details on ATICs

| S. No | Name of the ATIC | Name of the Host Institute | Name of the ATIC Manager |
|-------|------------------|----------------------------|--------------------------|
| 1     | KVK-Shahjhanpur  | SVPUA&T, Meerut            | Dr. S.K. Verma           |
|       |                  |                            |                          |
|       |                  |                            |                          |
|       |                  |                            |                          |

##### B. Details on Farmer's visit

| S. No | Purpose of visit          | Number of farmer's visited |
|-------|---------------------------|----------------------------|
| 01    | Technology Information    | 110                        |
| 02    | Technology Products       | 12                         |
| 03    | Others if any pl. specify | -                          |

##### C. Facilities in the ATIC which are in operation

| S. No | Particulars   | Availability (Please $\checkmark$ mark) | Number of ATICs |
|-------|---|---|-----------------|
| 01    | Reception counter                                   |   |                 |
| 02    | Exhibition / technology museum                      | $\checkmark$                            | 06              |
| 03    | Touch screen Kiosk                                  |   |                 |
| 04    | Cafeteria   | $\checkmark$                            |                 |
| 05    | Sales counter                                       |   |                 |
| 06    | Farmer's feedback register                          | $\checkmark$                            | 01              |
| 07    | Others if any (please specify) Technical literature | $\checkmark$                            | 12              |

##### D. Technology information provided

##### D.1. Details on technology information (Jan. to Dec 2020)

| S. No | Information category                               | Number of ATICs | Total number of farmers benefitted | Category of information |                 |                    |                 |                             |  |                                |
|-------|--|-----------------|------------------------------------|-------------------------|-----------------|--------------------|-----------------|-----------------------------|--|--------------------------------|
|       |  |                 |                                    | Varieties / hybrids     | Pest management | Disease management | Agro-techniques | Soil and water conservation | Post Harvest technology and Value addition | Animal Husbandry and fisheries |
| 01    | Kisan Call Centre / other Phone calls from farmers |                 |                                    |                         |                 |                    |                 |                             |  |                                |
| 02    | Video shows  |                 |                                    |                         |                 |                    |                 |                             |  |                                |
| 03    | Letters received                                   |                 |                                    |                         |                 |                    |                 |                             |  |                                |
| 04    | Letters replied                                    |                 |                                    |                         |                 |                    |                 |                             |  |                                |
| 05    | Training to farmers / technocrats / students       |                 |                                    |                         |                 |                    |                 |                             |  |                                |
| 06    | Others pl. specify                                 |                 |                                    |                         |                 |                    |                 |                             |  |                                |

**D.2 . Publications (Print & Electronic media) (Jan. to Dec 2020)**

| S. No | Particulars                    | Number sold | Revenue generated in Rs. | Number of farmers benefited |
|-------|--------------------------------|-------------|--------------------------|-----------------------------|
| 01    | Books                          |             |                          |                             |
| 02    | Technical bulletins            |             |                          |                             |
| 03    | Technology Inventory           |             |                          |                             |
| 04    | CDs                            |             |                          |                             |
| 05    | DVDs                           |             |                          |                             |
| 06    | Video films                    |             |                          |                             |
| 07    | Audio CDs                      |             |                          |                             |
| 08    | Others if any (please specify) | -           | -                        | 300                         |

**E. Technology Products provided (Jan. to Dec 2020)**

| S. No | Particulars        | Quantity | Unit of quantity | Value in Rs. | Number of farmers benefited |
|-------|--------------------|----------|------------------|--------------|-----------------------------|
| 01    | Seeds              | 186.80   | Quintal          | 354528.00    | -                           |
| 02    | Planting materials | 39840    | Numbers          | -            | 59                          |
| 03    | Livestock          |          | Numbers          |              |                             |
| 04    | Poultry birds      |          | Numbers          |              |                             |
| 05    | Bio-products       |          | Quintals         |              |                             |
| 06    | Others pl. specify |          |                  |              |                             |

**F. Technology services provided (Jan. to Dec 2020)**

| S. No | Particulars                                    | Number of farmers benefited |
|-------|--|-----------------------------|
| 01    | Soil and water testing                         |                             |
| 02    | Plant diagnostics                              |                             |
| 03    | Details about the services to line Departments |                             |
| 04    | Others if any (please specify)                 |                             |

## XV. TECHNOLOGICAL BACKSTOPPING BY DIRECTORATES OF EXTENSION

States covered:

Number of Directorates of Extension:

### A. Details on Directors of Extension

| S. No | Name of the SAU | Name of the Director of Extension | Number of KVKs for which technological backstopping is provided |    |      |     |     |                      |
|-------|-----------------|-----------------------------------|---|----|------|-----|-----|----------------------|
|       |                 |                                   | SAU/CAU   | DU | ICAR | NGO | SDA | Others (pl. specify) |
|       |                 |                                   |   |    |      |     |     |                      |
|       |                 |                                   |   |    |      |     |     |                      |

### B. Workshops / meetings organized

| S.No. | Details of workshop/meeting conducted | No. of KVKs participated |
|-------|---------------------------------------|--------------------------|
|       |                                       |                          |
|       |                                       |                          |

### C. Visits made by DE / Officials in the Directorate to KVKs

| S.No. | Particulars          | Number of visits |
|-------|----------------------|------------------|
| 01    | SAC meetings         |                  |
| 02    | Field days           |                  |
| 03    | Workshops / seminars |                  |
| 04    | Technology week      |                  |
| 05    | Training programmes  |                  |
| 06    | Others pl. specify   |                  |

### D. Overseeing of KVKs activities

| S.No. | Particulars              | Number of fields visited | Major observations / remarks | Major suggestions given |
|-------|--------------------------|--------------------------|------------------------------|-------------------------|
| 01    | On Farm Trials           |                          |                              |                         |
| 02    | Front Line Demonstration |                          | OK                           |                         |
| 03    | Others pl. specify       |                          |                              |                         |

### E. Publication on Technology inventory

| S.No. | Particulars  | Number |
|-------|--|--------|
| 01    | Directorates published the technological inventory           |        |
| 02    | Directorates constantly updating the technological inventory |        |



**F. Technological Products provided to KVKs during Jan. to Dec 2020**

| <b>S.No.</b> | <b>Major technologies provided</b> | <b>Number of KVKs</b> |
|--------------|------------------------------------|-----------------------|
| 01           | Seeds                              |                       |
| 02           | Planting materials                 |                       |
| 03           | Bio-products                       |                       |
| 04           | Livestock breed                    |                       |
| 05           | Livestock products                 |                       |
| 06           | Poultry breed                      |                       |
| 07           | Poultry products                   |                       |
| 08           | Others pl. specify                 |                       |

**XXXXXXXXXX**

## XVI Achievement of Special programmes

### 1) Achievement of skill development training funded by DAC&FW

| S. No. | Name of QP/Job role   | Duration (hrs) | No. of Courses Organised | No. of Participants |        |        |        |       |        |       |
|--------|---|----------------|--------------------------|---------------------|--------|--------|--------|-------|--------|-------|
|        |   |                |                          | SCs/STs             |        | Others |        | Total |        | TOTAL |
|        |   |                |                          | Male                | Female | Male   | Female | Male  | Female |       |
| 1      | Agriculture Extension Service Provider                        | 200            |                          |                     |        |        |        |       |        |       |
| 2      | Agriculture Machinery Demonstrator                            | 200            |                          |                     |        |        |        |       |        |       |
| 3      | Agriculture Machinery Operator                                | 200            |                          |                     |        |        |        |       |        |       |
| 4      | Agriculture Machinery Repair and Maintenance Service Provider | 200            |                          |                     |        |        |        |       |        |       |
| 5      | Animal Health Worker  | 300            |                          |                     |        |        |        |       |        |       |
| 6      | Aquaculture Technician  | 200            |                          |                     |        |        |        |       |        |       |
| 7      | Aquaculture Worker  | 200            |                          |                     |        |        |        |       |        |       |
| 8      | Aquarium Technician   | 200            |                          |                     |        |        |        |       |        |       |
| 9      | Artificial Insemination Technician                            | 400            |                          |                     |        |        |        |       |        |       |
| 10     | Assistant Gardener  | 200            |                          |                     |        |        |        |       |        |       |
| 11     | Beekeeper   | 200            |                          |                     |        |        |        |       |        |       |
| 12     | Brackwishwater Aquaculture Farmer                             | 210            |                          |                     |        |        |        |       |        |       |
| 13     | Broiler Farm Worker   | 200            |                          |                     |        |        |        |       |        |       |
| 14     | Citrus Fruit Grower   | 200            |                          |                     |        |        |        |       |        |       |
| 15     | Community Service Provider                                    | 200            |                          |                     |        |        |        |       |        |       |
| 16     | Dairy Farmer - Entrepreneur                                   | 200            |                          |                     |        |        |        |       |        |       |
| 17     | Fish Seed Grower  | 210            |                          |                     |        |        |        |       |        |       |
| 18     | Floriculturist - Open cultivation                             | 200            |                          |                     |        |        |        |       |        |       |
| 19     | Floriculturist - Protected cultivation                        | 200            |                          |                     |        |        |        |       |        |       |
| 20     | Forest Nursery Raiser   | 200            |                          |                     |        |        |        |       |        |       |
| 21     | Freshwater Aquaculture Farmer                                 | 200            |                          |                     |        |        |        |       |        |       |
| 22     | Friends of Coconut Tree                                       | 200            |                          |                     |        |        |        |       |        |       |
| 23     | Greenhouse Operator   | 200            |                          |                     |        |        |        |       |        |       |
| 24     | Group Farming Practitioner                                    | 200            |                          |                     |        |        |        |       |        |       |

|    |   |     |  |  |  |  |  |  |  |  |
|----|---|-----|--|--|--|--|--|--|--|--|
| 25 | Harvesting Machine Operator                       | 200 |  |  |  |  |  |  |  |  |
| 26 | Hatchery (Fishery) Production Worker              | 200 |  |  |  |  |  |  |  |  |
| 27 | Layer Farm Worker                                 | 200 |  |  |  |  |  |  |  |  |
| 28 | Mango Grower                                      | 200 |  |  |  |  |  |  |  |  |
| 29 | Medicinal Plants Cultivator                       | 200 |  |  |  |  |  |  |  |  |
| 30 | Micro Irrigation Technician                       | 200 |  |  |  |  |  |  |  |  |
| 31 | Mushroom Grower                                   | 200 |  |  |  |  |  |  |  |  |
| 32 | Nursery Worker                                    | 200 |  |  |  |  |  |  |  |  |
| 33 | Organic Grower                                    | 200 |  |  |  |  |  |  |  |  |
| 34 | Ornamental Fish Technician                        | 200 |  |  |  |  |  |  |  |  |
| 35 | Packhouse Worker                                  | 200 |  |  |  |  |  |  |  |  |
| 36 | Quality Seed Grower                               | 200 |  |  |  |  |  |  |  |  |
| 37 | Seed Processing Plant Technician                  | 200 |  |  |  |  |  |  |  |  |
| 38 | Sericulturist                                     | 200 |  |  |  |  |  |  |  |  |
| 39 | Service and Maintenance Technician-Farm Machinery | 205 |  |  |  |  |  |  |  |  |
| 40 | Shrimp Farmer                                     | 240 |  |  |  |  |  |  |  |  |
| 41 | Small poultry farmer                              | 240 |  |  |  |  |  |  |  |  |
| 42 | Soil & Water Testing Lab Analyst                  | 240 |  |  |  |  |  |  |  |  |
| 43 | Soil & Water Testing Lab Assistant                | 200 |  |  |  |  |  |  |  |  |
| 44 | Supply Chain Field Assistant                      | 200 |  |  |  |  |  |  |  |  |
| 45 | Tea Plantation Worker                             | 200 |  |  |  |  |  |  |  |  |
| 46 | Tractor Operator                                  | 200 |  |  |  |  |  |  |  |  |
| 47 | Vermicompost Producer                             | 200 |  |  |  |  |  |  |  |  |
|    | <b>TOTAL</b>                                      |     |  |  |  |  |  |  |  |  |

2) Achievements under Crop Residue Management (CRM) Project by KVKs

a) CRM Machinery procured by KVKs

| S.No. | Name of the Machine/ Equipment          | No. of machines procured |
|-------|---|--------------------------|
| 1     | Happy Seeder                            | 0                        |
| 2     | Reversible M.B. Plough                  | 0                        |
| 3     | Paddy Straw Chopper/ Shredder / Mulcher | 0                        |
| 4     | Zero Till Drill                         | 0                        |
| 5     | Rotavator                               | 0                        |
| 6     | Tractor                                 | 0                        |
|       | <b>Total</b>                            | <b>0</b>                 |

b) IEC activities organized under CRM Project by KVKs

| S. No. | Name of IEC activity   | No. of activities | No. of Participants |
|--------|--|-------------------|---------------------|
| 1.     | Kisan Melas organized  | 0                 | 0                   |
| 2.     | Awareness programmes conducted at Village Panchayat/ Block/ District Level           | 22                | 3100                |
| 3.     | Mobilization of schools and colleges through essay completion, painting, debate etc. | 02                | 400                 |
| 4.     | Demonstration conducted (ha)   | 83                | 83                  |
| 5.     | Training Programmes conducted  | 02                | 50                  |
| 6.     | Exposure visits organized  | -                 | -                   |
| 7.     | Field /harvest days organized  | 01                | 35                  |
|        | <b>Total</b>   |                   | <b>3668</b>         |

**b) Other IEC activities organized under CRM Project by KVKs**

| S. No.       | Name of IEC activity  | No. of activities |
|--------------|---|-------------------|
| 1.           | Advertisement in Print media  | 0                 |
| 2.           | Column / Articles in newspaper and magazines etc.                                 | 12                |
| 3.           | Hoarding fixed (at Mandi/ Road side/Market/ Schools/ Petrol pump/ Panchayat etc.) | 60                |
| 4.           | Poster/Banner placed  | 12                |
| 5.           | Publicity material - leaflets/ pamphlets etc. distributed                         | 20                |
| 6.           | TV programmes/ panel discussions Doordarshan/ DD-Kisan and other private channels | 01                |
| 7.           | Wall writing  | 60                |
| <b>Total</b> |   | <b>165</b>        |

**3) Achievement of TSP (Tribal Sub Plan)**

| Farmer Training        |                | Women Farmer Training  |                      | Rural Youths           |               | Extension Personnel    |                    | Number of farmers involved |                 |                                 | Participants in extension activities (No.) | Production of seed (q) | Production of Planting material (Number in lakh) | Production of Livestock strains (Number in lakh) | Production of fingerlings (Number in lakh) | Testing of Soil, water, plant, manures samples (Number) |
|------------------------|----------------|------------------------|----------------------|------------------------|---------------|------------------------|--------------------|----------------------------|-----------------|---------------------------------|--|------------------------|--|--|--|---|
| No. of Trainings/Demos | No. of Farmers | No. of Trainings/Demos | No. of Women Farmers | No. of Trainings/Demos | No. of Youths | No. of Trainings/Demos | No. of Ext. Person | On-farm trials             | Frontline demos | Mobile agro-advisory to farmers |  |                        |  |  |  |   |
| 1                      | 2              | 3                      | 4                    | 5                      | 6             | 7                      | 8                  | 9                          | 10              | 11                              | 12   | 13                     | 14   | 15   | 16   | 17  |
|                        |                |                        |                      |                        |               |                        |                    |                            |                 |                                 |  |                        |  |  |  |   |
|                        |                |                        |                      |                        |               |                        |                    |                            |                 |                                 |  |                        |  |  |  |   |
|                        |                |                        |                      |                        |               |                        |                    |                            |                 |                                 |  |                        |  |  |  |   |

#### 4) Achievement of KSHAMTA (Knowledge Systems And Home Based Agricultural Management in Tribal Areas)

| Number of Adopted Villages | No. of Activities |          | No. of farmers benefited |          |
|----------------------------|-------------------|----------|--------------------------|----------|
|                            | Demo              | Training | Demo                     | Training |
|                            |                   |          |                          |          |

#### 5) Achievements of SCSP KVKs

| Farmer Training        |                | Women Farmer Training  |                      | Rural Youths           |               | Extension Personnel    |                    | Number of farmers involved |                 |                                 | Participants in extension activities (No.) | Production of seed (q) | Production of Planting material (Number in lakh) | Production of Livestock strains (Number in lakh) | Production of fingerlings (Number in lakh) | Testing of Soil, water, plant, manures samples (Number) |
|------------------------|----------------|------------------------|----------------------|------------------------|---------------|------------------------|--------------------|----------------------------|-----------------|---------------------------------|--|------------------------|--|--|--|---|
| No. of Trainings/Demos | No. of Farmers | No. of Trainings/Demos | No. of Women Farmers | No. of Trainings/Demos | No. of Youths | No. of Trainings/Demos | No. of Ext. Person | On-farm trials             | Frontline demos | Mobile agro-advisory to farmers |  |                        |  |  |  |   |
|                        |                |                        |                      |                        |               |                        |                    |                            |                 |                                 |  |                        |  |  |  |   |
|                        |                |                        |                      |                        |               |                        |                    |                            |                 |                                 |  |                        |  |  |  |   |

#### 6) Achievement under IFS KVKs

| Sl. No. | IFS (Component Name)                         | No. of IFS established | Area (ha) | Number of Activities |          | No. of farmers benefited |          |
|---------|--|------------------------|-----------|----------------------|----------|--------------------------|----------|
|         |  |                        |           | Demo                 | Training | Demo                     | Training |
| 1       | Dairy Based Integrated farming System        | 01                     | 12        | 02                   | 02       | 10                       | 40       |
| 2       | Horticulture Based Integrated farming System | 01                     | 14.05     | 04                   | 03       | 20                       | 60       |
| 3       |  |                        |           |                      |          |                          |          |

7) Achievements under Mera Gaon Mera Gaurav (MGMG) project

| No. of institutes/<br>universities involved | Total No of<br>Groups/team<br>formed | No. of Scientists<br>Involved | No. of villages<br>covered | No. of field<br>activities<br>conducted | No. of messages/<br>advisory sent | Farmers benefited<br>(No.) |
|---|--------------------------------------|-------------------------------|----------------------------|---|-----------------------------------|----------------------------|
|   |                                      |                               |                            |   |                                   |                            |

8) Achievements of Farmers FIRST programme

| NRM Module |                     | Crop Module |                     | Horticulture Module |                     | Livestock & Poultry |                     |                  | IFS Model |                     | Extension Activities |         |
|------------|---------------------|-------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------|-----------|---------------------|----------------------|---------|
| Demon.     | No Farm<br>Families | Demon.      | No Farm<br>Families | Demon.              | No Farm<br>Families | Demon.              | No Farm<br>Families | No of<br>Animals | Demon.    | No Farm<br>Families | No. of<br>prog       | Farmers |
|            |                     |             |                     |                     |                     |                     |                     |                  |           |                     |                      |         |

9) Activities performed under NARI programme

| Activities  | Number of activity | No. of farmers/<br>beneficiaries |
|---|--------------------|----------------------------------|
| OFTs - Nutritional Garden (activity in no. of Unit)   |                    |                                  |
| OFTs - Bio-fortified Crops (activity in no. of Unit)  |                    |                                  |
| OFTs - Value addition (activity in no. of Unit/Enterprise)  | 01                 | 20                               |
| OFTs - Other Enterprises (activity in no. of Unit/Enterprise)<br>(activity in no. of Unit/Enterprise) | 01                 | 05                               |
| FLDs - Nutritional Garden (activity in no. of Unit)   | 01                 | 05                               |
| FLDs - Bio-fortified Crops (activity in no. of Unit)  |                    |                                  |
| FLDs - Value addition (activity in no. of Unit/Enterprise)  |                    |                                  |
| FLD- Other Enterprises (activity in no. of Unit/Enterprise)<br>(activity in no. of Unit/Enterprise)   | 01                 | 05                               |
| Trainings   | 02                 | 40                               |
| Extension Activities  | 14                 | 1074                             |
| <b>Grand Total</b>  | <b>24</b>          | <b>1149</b>                      |

**10) Achievements of Soil, water, plant and manure samples analyzed by KVKs and soil health cards issued**

| Sample       | No. of Samples in lakh | No. of Farmers in lakh | No. of Villages in lakh | Amount realized (Rs. in lakhs) | No. of Soil Health Cards issued (lakhs) |
|--------------|------------------------|------------------------|-------------------------|--------------------------------|---|
| Soil         | 0.00123                | 0.00123                | 0.00096                 | -                              | 0.00123                                 |
| Water        |                        |                        |                         |                                |   |
| Plant        |                        |                        |                         |                                |   |
| Manure       |                        |                        |                         |                                |   |
| <b>Total</b> |                        |                        |                         |                                |   |

**11) Achievements under NICRA Project**

| NRM  |           | Crop production |           | Livestock & Fisheries |           |                | Capacity Building |         | Extension Activities |         |
|------|-----------|-----------------|-----------|-----------------------|-----------|----------------|-------------------|---------|----------------------|---------|
| Demo | Area (ha) | Demo            | Area (ha) | Demo                  | Area (ha) | No. of animals | No of Courses     | Farmers | No. of programmes    | Farmers |
|      |           |                 |           |                       |           |                |                   |         |                      |         |
|      |           |                 |           |                       |           |                |                   |         |                      |         |

**12) Achievements under ARYA Project**

| Name of entrepreneurial units          | No. of entrepreneurial units established | No. of Training programs organised | No. of rural youth trained |        | No. of youth established units |        |
|--|--|------------------------------------|----------------------------|--------|--------------------------------|--------|
|  |  |                                    | Male                       | Female | Male                           | Female |
| Mushroom production                    |  |                                    |                            |        |                                |        |
| Fruits and vegetable processing units, |  |                                    |                            |        |                                |        |
| Horticulture nursery                   |  |                                    |                            |        |                                |        |
| Fish farming                           |  |                                    |                            |        |                                |        |
| Poultry                                |  |                                    |                            |        |                                |        |
| Goat farming                           |  |                                    |                            |        |                                |        |
| Piggery                                |  |                                    |                            |        |                                |        |



|               |  |  |  |  |  |  |
|---------------|--|--|--|--|--|--|
| Duck farming  |  |  |  |  |  |  |
| Bee keeping   |  |  |  |  |  |  |
| Others if any |  |  |  |  |  |  |

### 13) Achievements under Rainwater Harvesting Structures

| Sr. No. | Activities               | Number |
|---------|--------------------------|--------|
| 1       | Training programmes      |        |
| 2       | Demonstration            |        |
| 3       | Plant materials produced |        |
| 4       | Visit by farmers         |        |
| 5       | Visit by officials       |        |

### 14) Achievements under Pulses Seed Hub programme

| Season/Crop           | Name of Pulse crop | Variety | Production |                |                       | Category of seed<br>(F/S, C/S) |
|-----------------------|--------------------|---------|------------|----------------|-----------------------|--------------------------------|
|                       |                    |         | Target (q) | Area sown (ha) | Actual Production (q) |                                |
| Kharif                | Black gram         |         |            |                |                       |                                |
|                       | Green Gram         |         |            |                |                       |                                |
|                       | Pigeon pea         |         |            |                |                       |                                |
| <b>Total (Kharif)</b> |                    |         |            |                |                       |                                |
| Rabi                  | Chick pea          |         |            |                |                       |                                |
|                       | Field pea          |         |            |                |                       |                                |
|                       |                    |         |            |                |                       |                                |

|                       |            |  |  |  |  |  |
|-----------------------|------------|--|--|--|--|--|
|                       | Lentil     |  |  |  |  |  |
| <b>Total (Rabi)</b>   |            |  |  |  |  |  |
| Summer                | Black gram |  |  |  |  |  |
| <b>Total (Summer)</b> |            |  |  |  |  |  |
| <b>Grand Total</b>    |            |  |  |  |  |  |

#### 15) NEMA (New Extension Methodologies and Approaches)

| Name of Crop with variety | No. of districts | No. of Villages selected | No. of Blocks | No. of household selected |                       |
|---------------------------|------------------|--------------------------|---------------|---------------------------|-----------------------|
|                           |                  |                          |               | Adapter household         | Non adapter household |
|                           |                  |                          |               |                           |                       |
|                           |                  |                          |               |                           |                       |
|                           |                  |                          |               |                           |                       |
|                           |                  |                          |               |                           |                       |
|                           |                  |                          |               |                           |                       |

#### 16) Achievements under CSISA (Cereal System Initiative for South Asia) project

| S.No. | Name of Programme             | Number/quantity |
|-------|-------------------------------|-----------------|
| 1     | Plantation by paddy uppulling |                 |
| 2     | DSR                           |                 |
| 3     | Laser leveler                 |                 |
| 4     | Training                      |                 |
| 5     | Kisan Mela                    |                 |
| 6     | Seminar                       |                 |
| 7     | Seed production (q)           |                 |

**17) Achievements under NIFTD (National Initiatives for fodder technology demonstrations)**

| Name of fodder | Variety | Production (q) | Training courses | No. of farmers benefitted |
|----------------|---------|----------------|------------------|---------------------------|
|                |         |                |                  |                           |
|                |         |                |                  |                           |
|                |         |                |                  |                           |

**18) Achievements under Swachhata Abhiyan Mission**

| S.No. | Items                    | No. of Programmes | No. of persons participated |
|-------|--------------------------|-------------------|-----------------------------|
| 1     | Toilet maintenance       | 04                | 22                          |
| 2     | Road, drain cleaning     | 18                | 390                         |
| 3     | Garbage disposal         | 18                | 390                         |
| 4     | Door to door awareness   | 06                | 240                         |
| 5     | Awareness campaign       | 04                | 220                         |
| 6     | Nookkad Drama            |                   |                             |
| 7     | School Drama             |                   |                             |
| 8     | School rally             |                   |                             |
| 9     | Writing painting slogans |                   |                             |
| 10    | Composting               | 01                | 60                          |
| 11    | Other                    |                   |                             |
| 12    |                          |                   |                             |
| 13    |                          |                   |                             |

**19) Achievements under Aspirational District Scheme**

| Name of programme | Number |
|-------------------|--------|
| Training          |        |

|  |  |
|--|--|
| Session No.  |  |
| No. of farmers   |  |
| Officers/staff involved                                  |  |
| <b>Seed &amp; Plant Distribution</b>                     |  |
| Programme number   |  |
| Seed distribution in q                                   |  |
| No. of plant distributed                                 |  |
| Biological products distributed                          |  |
| No. of programme organised                               |  |
| No. of farmers   |  |
| Officers/staff involved                                  |  |
| <b>Animal husbandra&amp; fish distribution programme</b> |  |
| Vaccination  |  |
| Medicine for control of parasite                         |  |
| Distribution of mineral mixure                           |  |
| No. of farmers   |  |
| Officers/staff involved                                  |  |

#### XVI Awards

| S.No. | Name of Award received | Name of KVK/farmer | Year of Award | Date on which award received |
|-------|------------------------|--------------------|---------------|------------------------------|
| 01    | KVK Scientist Award    | Dr. S.K. Verma     | 2020          | 30.12.2020                   |
|       |                        |                    |               |                              |
|       |                        |                    |               |                              |
|       |                        |                    |               |                              |

*Note: Please also mention name of farmer who received the award.*