**PROFORMA FOR PREPARATION OF ANNUAL REPORT (Jan to December 2020)**

# APR SUMMARY

(Note: While preparing summary, please don't add or delete any row or columns)

## 1. Training Programmes

| Clientele | No. of Courses | Male | Female | Total participants |
|---|---|---|---|---|
| Farmers & farm women | 61 | 836 | 582 | 1418 |
| Rural youths | 6 | 79 | 15 | 94 |
| Extension functionaries | 7 | 90 | 36 | 126 |
| Sponsored Training | 2 | 33 | 7 | 40 |
| Vocational Training | | | | |
| **Total** | **76** | **1038** | **640** | **1678** |

## 2. Frontline demonstrations

| Enterprise | No. of Farmers | Area (ha) | Units/Animals |
|---|---|---|---|
| Oilseeds | 303 | 121 | |
| Pulses | 100 | 40 | |
| Cereals | 50 | 20 | |
| Vegetables | 119 | 4.7 | |
| Other crops | | | |
| Hybrid crops | | | |
| **Total** | **572** | **185.7** | |
| Livestock & Fisheries | | | |
| Other enterprises | 20 | 1 | |
| **Total** | | | |
| **Grand Total** | **592** | **186.7** | |

## 3. Technology Assessment & Refinement

| Category | No. of Technology Assessed & Refined | No. of Trials | No. of Farmers |
|---|---|---|---|
| **Technology Assessed** | | | |
| Crops | 5 | 41 | 41 |
| Livestock | | | |
| Various enterprises | 1 | 4 | 4 |
| **Total** | **6** | **45** | **45** |
| **Technology Refined** | | | |
| Crops | | | |
| Livestock | | | |
| Various enterprises | | | |
| **Total** | | | |
| **Grand Total** | **6** | **45** | **45** |

## 4. Extension Programmes

| Category | No. of Programmes | Total Participants |
|---|---|---|
| Extension activities | 209 | 106605 |
| Other extension activities | 63 | |
| **Total** | **272** | **106605** |

**5. Mobile Advisory Services**

| Name of KVK | Message Type | Type of Messages | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Crop | Livestock | Weather | Marke-ting | Aware-ness | Other enterprise | Total |
| | Text only | 42 | 11 | 32 | 6 | 16 | 19 | 126 |
| | Voice only | | | | | | | |
| | Voice & Text both | | | | | | | |
| | **Total Messages** | 42 | 11 | 32 | 6 | 16 | 19 | 126 |
| | **Total farmers Benefitted** | **55000** | | | | | | |

**6. Seed & Planting Material Production**

| | Quintal/Number | Value Rs. |
|---|---|---|
| Seed (q) | 658.5 | 3892009 |
| Planting material (No.) | 20910 | 19846 |
| Bio-Products (kg) | 2000 | 15000 |
| Livestock Production (No.) | 106 | 41000 |
| Fishery production (No.) | | |

**7. Soil, water & plant Analysis**

| Samples | | No. of Beneficiaries | Value Rs. |
|---|---|---|---|
| Soil | 250 | 856 | |
| Water | | | |
| Plant | | | |
| **Total** | **250** | **856** | |

**8. HRD and Publications**

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

**DETAIL REPORT OF APR-2020**

## 1. GENERAL INFORMATION ABOUT THE KVK

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

| Address | Telephone | | E mail |
|---|---|---|---|
| Krishi Vigyan Kendra, Belatal, Mahoba - 210 423 (U.P.) | Office 9451333378 | FAX | kvkmahoba@gmail.com |

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

| Address | Telephone | | E mail |
|---|---|---|---|
| | Office | FAX | |
| Vice Chancellor, Banda University of Agriculture and Technology, Banda - 210 001(U.P) | 05192- 232305 | 05192- 232305 | vc.buat@gmail.com |

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

| Name | Telephone / Contact | | |
|---|---|---|---|
| | Residence | Mobile | Email |
| Dr. Mukesh Chand | Belatal, Mahoba | 9451333378 | kvkmahoba@gmail.com |

1.4.Year of sanction:**2004**

1.5. Staff Position (as on 30th December,2020)

| Sl. No. | Sanctioned post | Name of the incumbent | Designation | Discipline | Pay Scale (Rs.) | Present basic (Rs.) | Date of joining | Perman-ent /Temp-orary | Category (SC/ST/ OBC/ Others) | Mobile no. | Age | Email id |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Programme Coordinator | Dr. Mukesh Chand | Senior Scientist cum Head | Soil Conservation | 37400-67000 | 49240 | 10.12.2017 | Permanent | Gen . | 9451333378 | 53 | kvkmahoba@gmail.com |
| 2 | Subject Matter Specialist | Dr. Maheshwaree Prasad Singh | SMS | Agri. Extension | 15600-39100 | 30860 | 13.12.2017 | Permanent | Gen . | 9451367358 | 43 | maheshweeari@gmail.com |
| 3 | Subject Matter Specialist | Dr Sunil Kumar | SMS | Plant Pathology | 15600-39100 | 30880 | 15.12.2017 | Permanent | SC | 9454525596 | 38 | drsunilk81@gmail.com |
| 4 | Subject Matter Specialist | Dr Amrita Singh | SMS | Home Science | 15600-39100 | 22280 | 16.12.2017 | Permanent | Gen | 9457695428 | 34 | amritalko@gmail.com |
| 5 | Subject Matter Specialist | Dr Brijesh Pandey | SMS | Horticulture | 15600-39100 | 24350 | 23.01.2018 | Permanent | Gen | 9430955950 | 34 | mr.brijeshpandey@gmail.com |
| 6 | Subject Matter Specialist | Dr. Gaurav | SMS | Agronomy | 15600-39100 | 21630 | 15.02.2018 | Permanent | SC | 9415295756 | 27 | gauraviasbhu@gmail.com |
| 7 | Subject Matter Specialist | vacant | SMS | Animal Husbandry | | | | | | | | |
| 8 | Programme Assistant | Mr Chandra Shekhar | Programme Assitt (Farm Manager/Lab Tech.) | - | 9300-34800 | 14330 | 22.12.2017 | Permanent | SC | 9005542047 | 27 | chandrashekhar7414@gmail.com |
| 9 | Computer Programmer | Mrs. Alka Mishra | Programme Assistant (Computer) | - | 9300-34800 | 14330 | 14.12.2017 | Permanent | Gen | 8795870309 | 27 | mishra.alka4@gmail.com |
| 10 | Farm Manager | Mr Gufran Ahmad | Programme Assitt (Farm Manager/Lab Tech.) | - | 9300-34800 | 13910 | 26.12.2017 | Permanent | OBC | 9870942077 | 23 | gufranggg72@gmail.com |
| 11 | Accountant / Superintendent | Mr. Saurabh Shukla | Office Assistant | | 9300-34800 | 14330 | 11.12.2017 | Permanent | Gen | 9005339706 | 23 | shuklasaurabh.banda94@gmail.com |
| 12 | Stenographer | Mr. Ashish Dixit | Stenographer | | 5200-20200 | 10520 | 11.12.2017 | Permanent | Gen | 9918238531 | 33 | dashish455@gmail.com |
| 13 | Driver | Mr. Rahul Mishra | Driver | | 5200-20200 | 8990 | 11.12.2017 | Permanent | Gen | 9628278754 | 30 | rahulmishra888@gmail.com |
| 14 | Driver | Mr. Shriram Yadav | Driver | | 5200-20200 | 8990 | 11.12.2017 | Permanent | OBC | 7398520921 | 31 | |
| 15 | Supporting staff | Vacant | Attendant | | | | | | | | | |
| 16 | Supporting staff | Vacant | Attendant | | | | | | | | | |

1.6. Total land with KVK (in ha) : **11.0**

| S. No. | Item | Area (ha) |
|---|---|---|
| 1 | Under Buildings | 1.0 |
| 2. | Under Demonstration Units | 0.5 |
| 3. | Under Crops | 7.0 |
| 4. | Orchard/Agro-forestry | 1.5 |
| 5. | IFS model | 1.0 |

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 | | | | | | |
| 2. | Farmers Hostel | ICAR | 5th March, 2004 | | | | | Completed |
| 3. | Staff Quarters (6) | ICAR | Not completed | | | | | Not completed |
| 4. | Demonstration Units (2) | ICAR | 2010 | | | | | Completed |
| 5 | Fencing | ICAR | 2019 | | | | | Completed |
| 6 | Rain Water harvesting system | ICAR/ MNAREGA | 2019 | | | | | Not completed |
| 7 | Threshing floor | ICAR | Not completed | | | | | Not completed |
| 8 | Farm boundary wall | RKVY | Incomplete | | 100 lakh | | | Incomplete |
| 9 | Seed Hub | ICAR | 2019 | | 150 lakh | | | completed |
| 10 | IFS | ICAR | 2019 | | 6.00 lakh | | | completed |

B) Vehicles

| Type of vehicle | Year of purchase | Cost (Rs.) | Total kms. Run | Present status |
|---|---|---|---|---|
| Marshal Jeep | 2001 | - | 125000 | Very old, need to be replaced |
| Tractor | 2004 | - | - | Working condition |
| Motor Cycle | 2010 | - | 4000 | Working condition |

C) Equipments & AV aids

| Name of the equipment | Year of purchase | Cost (Rs.) | Present status |
|---|---|---|---|
| Photo Copy Machine | 2001 | 62000.00 | Unusable |
| Computer + Printer | 13.08.2007 | 42838.00 | Unusable |
| Over Head Projector | 2001 | 13000.00 | Not in use |
| Almirah (6) | 2001 | 18210.00 | Good |
| **Other** | | | |
| Tractor Trolley (one) | 2001 | 40000.00 | Usable |
| Cultivator (one) | 2001 | 9000.00 | Unusable |
| Labeler (one) | 2001 | 6000.00 | Good |

| | | | |
|---|---|---|---|
| Zero till machine (one) | 2001 | 24000.00 | Unusable |
| Harrow (one) | 2001 | 12500.00 | Usable |
| Computer Table (Two) | 2001 | 11960.00 | Reliable |
| Printer Table (one) | 2001 | 2445.00 | Reliable |
| Computer Chair with Arm (Two) | 2001 | 4776.00 | Unusable |
| Computer Chair Without Arm (Two) | 2001 | 3400.00 | Unusable |
| Chief Executive Table (one) | 2001 | 3820.00 | Reliable |
| Executive Table (Eight) | 2001 | 20384.00 | Reliable |
| Official Chair (Five) | 2001 | 2990.00 | Reliable |
| Other Chair (Seventy Four) | 2001 | 24790.00 | Reliable |
| Soil testing kit (Mini lab) | 31.3.2017 | | Good |
| Revolving Chair (1) | 12.06.2018 | | Good |
| Visitor Chair (10) | 12.06.2018 | | Good |
| K-Yan ( Small LCD projector) | 30.06.2018 | | Good |
| 600 VA UPS | 30.06.2018 | | Good |
| 1TB External HDD | 30.06.2018 | | Good |
| Inverter 900 VA | 30.06.2018 | | Good |
| Inverter Battery 180 AH | 30.06.2018 | | Good |
| TV LED 48 Inch | 30.06.2018 | | Good |
| Solar pump 2HP | 18.4.2018 | | Good |
| Solar Street light (6) | 18.4.2018 | | Good |
| Solar Street light (5) | 30.8.2018 | | Good |
| Office table ( Zuari-8) | 30.8.2018 | | Good |
| Visitor chairs (12) | 30.8.2018 | | Good |
| Office chairs revolving (6) | 30.8.2018 | | Good |
| Seed drill (1) | 20.7.2019 | | Good |

1.8. A). Details SAC meeting* conducted in the year 20.10.2020 (Virtual Meeting)

| Sl.No. | Date | Name and Designation of Participants | Salient Recommendations | Action taken |
|---|---|---|---|---|
| 1. | 20.10.2020 | 1. Dr. U.S. Gautam, Vice Chancellor, BUAT, Banda.<br>2. Dr. Atar Singh, Director ATARI, Kanpur.<br>3. Dr. Sadhna Pandey, Principal Scientist ATARI, Kanpur.<br>4. Dr. Shantanu Dubey, Principal Scientist ATARI, Kanpur.<br>5. Ms. Bhawna Nagal, SDAEO, Mahoba.<br>6. Dr. G.S Panwar, Dean Agriculture Collage, BUAT, Banda.<br>7. Dr. S.V. Dwivedi, Dean Horticulture Collage, BUAT, Banda.<br>8. Dr. Narendra Singh, Associate Director, Extension, BUAT, Banda.<br>9. Mr. Shyam Singh, DHO, Mahoba<br>10. Mr. Sada Nand Tyagi, Area Manager, IFFCO<br>11. Mr. Bhagwat Saran Sullere, Progressive Farmer, Mahoba<br>12. Mrs. Ram Sakhi, Samooh Sakhi, Lamaura, Mahoba<br>13. Dr. Mukesh Chand, Head, KVK, Mahoba.<br>14. Dr. Sunil Kumar, SMS, Plant | 1. To promote organic farming and water conservation in the district and develop a model village with help of line department.<br>2. Promotion of biofortified varieties to combat malnutrition problem and IFS model in the farmers' field.<br>3. To establish custom hiring center in the smart villages with the help of IFFCO<br>4. To promote the cultivation and value addition of medicinal plants and seed spices.<br>5. To promote one drop more crop concept among farmers for irrigation.<br>6. Design the CFLDs, FLDs, OFT and training programs on the basis of farmers | 1. Action has to be taken and included in next the year 2021 action plan.<br>2. …<br>3. ….<br>4. …<br>5. …<br>6. …<br>7. …<br>8. …<br>… |

| | | | | |
|---|---|---|---|---|
| | | Protection, KVK, Mahoba<br>15. Dr. Brijesh Pandey, SMS, Horticulture, KVK, Mahoba.<br>16. Dr. Amrita Singh, SMS, Home Science, KVK, Mahoba<br>17. Dr. Gaurav, SMS, Agronomy, KVK, Mahoba.<br>18. Mr. Gufran Ahmad, farm Manager, KVK, Mahoba.<br>19. Mr. Saurabh Shukla, Assistant, KVK, Mahoba.<br>20. Mr. Ashish Dixit, Stenographer, KVK, Mahoba | need and climatic conditions of area. | |
| 2. | | | | |

## 2. DETAILS OF DISTRICT (2019)

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

| S. No | Farming system/enterprise |
|---|---|
| 1 | Fallow – Gram + Mustard, Urd – Wheat + Mustard, Sesame – Pea, Fallow – Pea, Groundnut – Wheat, Pigeon pea – Sorghum, Groundnut – Gram, Pea/Gram – Sugarcane and some vegetable are cropping sequence. |
| 2 | People keep poor buffaloes and deshi cow with 5-6 goats |
| 3 | Poor fruit and agro forestry based farming systems are adopted by farmers. |

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

| S. No | Agro-climatic Zone | Characteristics |
|---|---|---|
| 1 | Zone VI | The most covered area with Vindhyan hills and is also a part of Central India.<br>Net cultivated land 236000 ha Cropping intensity 111.8 per cent Forest 15.4 per cent |

## 2.3 Soil type/s

| S. No | Soil type | Characteristics | Area in ha |
|---|---|---|---|
| 1 | Parwa | These soils are deep to very deep textured rich in nutrient and poor in bases with a preordered of calcium in the surface. | 43% |
| 2 | Rakar | Skeletal litchis assortments and skeletal litchis soils and coarse to medium in texture with more than 35% gravels. Coarse to medium in texture poor inorganic matters, nutrients status and bases they supports rainfed crops are moderately eroded. | 7% |
| 3 | Kabar | In local parlance these soil called Kabar at present they supporting various Rabi and Kharif crops. Mostly wheat, barley, Jowar, Arhar etc. These soil are very deep light blackish brown to yellowish brown and radish brown to medium black in colour. | 44% |
| 4 | Mar | These soil are very deep dark black (the colour chroma less than one) having lower chroma they slightly eroded at places support very good kharif and Rabi crops, mostly Jowar and Wheat locally called Mar. Soil having very good water holding capacity. | 6% |

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

| S. No | Crop | Area (ha) | Production (Qtl) | Productivity (Qtl /ha) |
|---|---|---|---|---|
| 1 | Wheat | 83112 | 2119360 | 25.27 |
| 2 | Barley | 9089 | 229950 | 26.32 |
| 3 | Gram | 87855 | 70723 | 8.05 |

| | | | | |
|---|---|---|---|---|
| 4 | Pea | 33100 | 26811 | 8.10 |
| 5 | Lentil | 34810 | 22452 | 6.45 |
| 6 | Mustard /Rai | 16205 | 53980 | 8.70 |
| 7 | Linseed | 8764 | 6179 | 7.05 |
| 8 | Pigeon pea | 2655 | 29364 | 11.06 |
| 9 | Sesame | 47430 | 4506 | 0.95 |
| 10 | Groundnut | 12000 | 8868 | 7.39 |
| 11 | Black gram | 59230 | 1955 | 0.33 |
| 12 | Green Gram | 11240 | 0641 | 0.57 |

2. 2.5. Weather data (Year 2019)

| **Month** | **Rainfall (mm)** | **Temperature $^0$ C** | | **Average Relative Humidity(%)** |
|---|---|---|---|---|
| | | **Max.** | **Min.** | |
| January | 9.67 | 20.5 | 6.2 | 73.4 |
| February | 0.0 | 34.1 | 17.8 | 61.2 |
| March | 13.47 | 36.6 | 19.8 | 50.1 |
| April | 5.47 | 37.4 | 21.3 | 34.0 |
| May | 18.93 | 43.2 | 26.3 | 40.3 |
| June | 58.40 | 36.7 | 27.2 | 52.9 |
| July | 94.20 | 32.9 | 26.2 | 76.0 |
| August | 146.87 | 20.5 | 24.2 | 82.9 |
| September | 25.0 | 33.2 | 22.3 | 71.5 |
| October | 0.0 | 28.3 | 21.0 | 63.9 |
| November | 2.0 | 26.2 | 19.2 | 72.6 |
| December | 0.0 | 21.2 | 13.6 | 74.8 |
| **Total** | **374.01** | | | |

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

| **Category** | **Population** | **Production** | **Productivity** |
|---|---|---|---|
| **Cattle** | | | |
| *Crossbred* | 299 | | |
| *Indigenous* | 227728 | | |
| **Buffalo** | 136008 | | |
| **Sheep** | | | |
| Crossbred | 0 | | |
| *Indigenous* | 14586 | | |
| **Goats** | 162623 | | |
| **Pigs** | 0 | | |
| *Crossbred* | 370 | | |
| *Indigenous* | 21001 | | |
| **Rabbits** | | | |
| **Poultry** | | | |
| Hens | 65285 | | |
| *Desi* | | | |
| *Improved* | | | |
| Ducks | 1530 | | |
| Turkey and others | | | |

| **Category** | **Area** | **Production** | **Productivity** |
|---|---|---|---|
| Fish | | | |
| *Marine* | | | |
| *Inland* | | | |

| | | | |
|---|---|---|---|
| Prawn | | | |
| Scampi | | | |
| Shrimp | | | |

## 2.7 Details of Operational area / Villages (31st December, 2020)

| Sl.No. | Taluk | Name of the block | Name of the village | Major crops & enterprises | Major problem identified | Identified Thrust Areas |
|---|---|---|---|---|---|---|
| 1 | Kulpahar | Jaitpur | Thurat<br>Mangraul Kala, Mangaroul Khurd<br>Budhaura<br>Budhwara | Urd, Moong, Arhar, Til, Gram, Pea, Wheat, Mustard, Brinjal and Animal Husbandry | Rainfed farming. Broad Casting, No use of organic manure, seed treatment Lack of quality seed. | Availability, distribution and production of quality seed. Use of NADEP and Vermi-compost |
| 2 | Kulpahar | Jaitpur | Pathari Sugira Khairatiya<br>Bharwara<br>Lamaura<br>Tikariya<br>Dhawarra | Groundnut, Urd, Moong, Arhar, Til, Gram, Pea, Wheat, Mustard, Brinjal and Animal Husbandry | Rainfed farming. Imbalance use of fertilizer, Late sowing, No use of weedicide, seed treatment Lack of quality seed. | Introduction of bio-fertilize & fertilizer. scheduling of Irrigation Availability, distribution and production of quality seed. Use of NADEP and Vermi-compost |
| 3 | Kulpahar | Panwari | Devganpura Pathakpura Churari Charua<br>Panwari<br>Dadari, Ghatera<br>Konia | Groundnut, Urd, Moong, Arhar, Til, Gram, Pea, Wheat, Mustard, Brinjal and Animal Husbandry | Rainfed farming. Imbalance use of fertilizer, Late sowing, No use of weedicide, seed treatment Lack of quality seed, No use of hybrid varieties of vegetable crops | Availability, distribution and production of quality seed. Use of NADEP and Vermi-compost |

## 2.8 Priority/thrust areas

| | |
|---|---|
| Pulses, oilseed, and Vegetable crops | Rain water management using watershed approach especially for high yielding, short duration and drought tolerant varieties of pulses, oilseeds, cereals and vegetables. |
| Ber | Need to rejuvenate of old orchard and budding of old stalks |
| Bel | Need to introduce new varieties |
| Soil health | Popularization of Vermi and NADEP compost to nourish the soil and as part of integrated plant nutrient management, awareness to soil testing and soil health. |
| Self-employment | Formation of self-help groups (SHGs) of farmers and farm women, value addition of the products |

**2.9 Intervention/ Programmes for the doubling the farmers income –**(Jan 2020-Dec. 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** |
|---|---|---|---|---|---|---|---|
| Intercropping System (Kharif-Rabi-Zaid) - Livestock etc. | Urd-wheat | - | 4.0 +34.0= 38q | 11000+19500= 30500/- | 57350 | 1.8 | |
| | | | | | | | |
| | | | | | | | |

**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** |
|---|---|---|---|---|---|---|---|
| Intercropping System (Kharif-Rabi-Zaid) - Livestock etc. | CFLD-Sesame (Pragti)- fieldpea ( IPFD10-12) | - | 5+24=29q | 9000+21000=29000/- | 193000 | 7.6 | |
| | | | | | | | |
| | | | | | | | |

**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** |
|---|---|---|---|---|---|---|---|
| Mono Cropping System (Kharif-Rabi-Zaid) -Livestock etc. | sesame | | 5 | 10500 | 17500 | 2.6 | |
| | Mustard | | 8.6 | 15300 | 19100 | 2.24 | |
| | | | | | | | |
| | | | | | | | |

**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** |
|---|---|---|---|---|---|---|---|
| Mono Cropping System(Kharif-Rabi-Zaid) -Livestock etc. | CFLD- Sesame (RT-351) | - | 6 | 10700 | 34300 | 4.20 | |
| | Mustard | | 13.5 | 16000 | 40700 | 3.54 | |
| | | | | | | | |

**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** |
|---|---|---|---|---|---|---|---|
| Relay Cropping System (Kharif-Rabi-Zaid) -Livestock etc. | mungbean | - | 5.4q | 11800 | 19600 | 2.6 | |
| | | | | | | | |
| | | | | | | | |

**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. | IPU2-43 | - | 6.4 | 11900 | 24040 | 3.0 | |
| | | | | | | | |
| | | | | | | | |

**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) *

| **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** |
|---|---|---|---|---|---|---|---|
| IFS System (Kharif-Rabi-Zaid) -Livestock etc. | (0.30 ha) Urd+Gorundnut<br>(0.20ha) Fruit &Vegetables<br>(0.20ha livestock and fodder)<br>Vermi compost, poultry, goatry<br>(0.30 ) wheat+ mustard | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

**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 |
|---|---|---|---|---|---|---|---|
| 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 |
| 10 | 9 | 40 | 45 | 155 | 186.7 | 388 | 582 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit) | | | | | Extension Activities | | | |
|---|---|---|---|---|---|---|---|---|
| 3 | | | | | 4 | | | |
| Number of Courses | | | Number of Participants | | Number of activities | | Number of participants | |
| Clientele | Targets | Achievement | Targets | Achievement | Targets | Achievement | Targets | Achievement |
| Farmers | 80 | 61 | 1600 | 1418 | 150 | 209 | 8000 | 106605 |
| Rural youth | 12 | 6 | 240 | 94 | | | | |
| Extn. Functionaries | 8 | 7 | 160 | 126 | | | | |
| **Total** | **100** | **74** | **2000** | **1638** | **150** | **209** | **8000** | **106605** |

| Seed Production (Qtl.) | | | Planting material (Nos.) | | |
|---|---|---|---|---|---|
| 5 | | | 6 | | |
| Target | Achievement | Distributed to no. of farmers | Target | Achievement | Distributed to no. of farmers |
| 200 | 247.8 | 157 | 20000 | 20910 | 246 |
| | | | | | |
| | | | | | |
| | | | | | |

# I.A TECHNOLOGY ASSESSMENT

**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 | Tomato | Assessment of INM module on yield of tomato | 2 | 7 |
| | | | | |
| Varietal Evaluation | Tomato | Evaluation of tomato varieties resistance to leaf curl virus and wilt during kharif season | 2 | 7 |
| | | | | |
| Integrated Pest Management | Brinjal | Management of fruit and shoot borer in brinjal | 1 | 4 |
| | Chickpea | Management of wilt in chickpea | 1 | 4 |
| Integrated Crop Management | Urdbean | Assessment of varieties and growth and yield of urdbean under Bundelkhand region | 1 | 4 |
| | | | | |
| Integrated Disease Management | Mungbean | Assessment of management practice of cercospora leaf spot in kharif mungbean | 1 | 4 |
| | | | | |
| Small Scale Income Generation Enterprises | | | | |
| | | | | |
| Weed Management | | | | |
| | | | | |
| Resource Conservation Technology | Chickpea | Assessment the effect of moisture conservation practices (Hydrogel) on yield of chickpea | 1 | 4 |
| | | | | |
| Farm Machineries | | | | |
| | | | | |
| Integrated Farming System | | | | |
| | | | | |
| Seed / Plant production | | | | |
| | | | | |
| Post Harvest Technology / Value addition | Weaning food for 6-12 months infants (Wheat+Chickpea+linseed +potato) | | 1 | 4 |
| | | | | |
| Drudgery Reduction | Chickpea | | 2 | 7 |
| | | | | |
| Storage Technique | | | | |
| | | | | |
| Others (Pl. specify) | | | | |
| | | | | |
| **Total** | | | **9** | **45** |

**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 Management | | | | |
| Evaluation of Breeds | | | | |
| Feed and Fodder management | | | | |

| | | | | |
|---|---|---|---|---|
| Nutrition Management | | | | |
| Production and Management | | | | |
| Others (Pl. specify) | | | | |
| **Total** | | | | |

**Summary of technologies assessed under various enterprises by KVKs**

| Thematic areas | Enterprise | Name of the technology assessed | No. of trials | No. of farmers |
|---|---|---|---|---|
| | | | | |
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**Note:** Suppose **IPM in paddy** is the technology assessed by 50 KVKs in the Zone with 5 trials by each KVK, then IPM in paddy needs to be considered as a single technology, with 50*5 = 250 trials and No. of KVKs will be 50. In addition, please note that even if IPM in paddy is done with various combinations of Technology Options (treatments), it may be considered as a single technology only.

# I.B. TECHNOLOGY REFINEMENT

**Summary of technologies refined under various crops by KVKs**

| 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) | | | | |
| | | | | |
| **Total** | | | | |

**Summary of technologies refined under various livestock by KVKs**

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

**Summary of technologies refined under various enterprises by KVKs**

| Thematic areas | Enterprise | Name of the technology assessed | No. of trials | No. of farmers |
|---|---|---|---|---|
| | | | | |
| | | | | |
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**Note:** Suppose **IPM in paddy** is the technology refined by 50 KVKs in the Zone with 5 trials by each KVK, then IPM in paddy needs to be considered as a single technology, with 50*5 = 250 trials and No. of KVKs will be 50. In addition, please note that even if IPM in paddy is done with various combinations of Technology Options (treatments), it may be considered as a single technology only.

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

*(From each state please include the full details of three OFTs on technology assessment and or refinement under the broad thematic areas such as Integrated Crop Management, weed management, pest and disease management, nutrient management, resource conservation, livestock enterprises, Integrated Nutrient Management)*

*(The model for preparing the same is furnished below)*

***INTEGRATED NUTRIENT MANAGEMENT***

***Problem definition:*** Assessment of INM module on yield of tomato

***Technology Assessed or Refined : Use of Arka Microbial Consortium with RDF***

*KVK, Mahoba in Uttar Pradesh conducted on-farm trial to **assess the different INM module on yield of tomato**. The INM module consisting RDF+ Arka Microbial Consortium was found most effective in term of yield (55.86 t/ha) followed by application of RDF (50.63 t/ha.)*

***Table Performance INM module in tomato***

| *Technology Option* | *No.of trials* | *Yield (t/ha)* | *Net Returns* (Rs. in lakh./ha)* |
|---|---|---|---|
| *Application of 90:45:0 kg NPK $ha^{-1}$ (Farmers Practice)* | *07* | *42.19* | *0.29* |
| *(Recommended Practice) RDF- 160:100:60 kg NPK $ha^{-1}$* | | *50.63* | *0.52* |
| *RDF + Arka Microbial Consortium* | | *55.86* | *0.82* |

**** Low net return was recorded due to lockdown during harvesting season.***

***INTEGRATED CROP MANAGEMENT***

***Problem definition:*** Assessment of effect of pruning and branch bending on crop regulation of guava.

***Technology Assessed or Refined :*** *post harvest crop regulation through 30% pruning and branch bending*

*On-farm trial was conducted to **assess the effect of** pruning and branch bending in guava at Mahoba district. The treatment 30% pruning of branches after harvesting during the month of April to mid-May was found most effective in term of yield (12.55 t/ha) followed by branch bending (10.02 t/ha.)*

***Table: Performance of crop regulation on guava***

| Technology Option | No. of trials | Yield (t/ha) | Net Returns* (Rs. in lakh./ha) |
|---|---|---|---|
| No crop regulation (Farmers Practice) | 05 | 8.52 | 0.42 |
| (Recommended Practice) Crop regulation through 50% pruning | | 12.55 | 0.99 |
| Crop regulation through branch bending | | 10.02 | 0.52 |

## *VARIETAL EVALUATION*

***Problem definition:*** Evaluation of onion varieties for Kharif season.

***Technology Assessed or Refined :*** *Kharif onion varieties L-883, Bhima Super, Bheema Dark Red*

*On-farm trial was conducted to **assess the performance of Kharif onion varieties in** Mahoba district by Krishi Vigyan Kendra, Belatal, Mahoba. Three varieties were taken for assessment during Kharif-2019. Bhima Dark Red variety produced highest marketable yield (19.87 t/ha) followed by Bhima Super (18.40 t/ha). Whereas, L-883 was also found suitable with marketable yield 17.84 t/ha.*

| Technology Option | No. of trials | Marketable Yield (t/ha) | Net Returns* (Rs. in lakh./ha) |
|---|---|---|---|
| Onion variety L-883 | 05 | 17.84 | 1.36 |
| Onion variety Bhima Super | | 18.39 | 1.42 |
| Onion variety Bhima Dark Red | | 19.87 | 1.63 |

### *Child care*

***Problem definition:*** *Preparation of low cost nutritious weaning food for infants in Bundelkhand region*

***Technology Assessed or Refined (as the case may be):*** *weaning food for 6-12 month infants*

*KVK, Mahoba in Uttar Pradesh conducted on-farm trial to Preparation of low cost nutritious weaning food for infants in Bundelkhand region. The prepared weaning food (wheat-55 gm + Bengal Gram -20 gm + linseed-05 gm + potato powder-20 gm) was appreciated by the mothers and found effective nutritious food in growth of infants as gain in weight was found 4.5 kg and 7.8 cm in height .*

***Table Effect of prepared weaning food on body growth of infants after 06 moth of use***

| ***Technology Option*** | ***No.of trials*** | ***Body weight gain (kg)*** | ***Body height gain (cm)*** | ***Cost of weaning food (Rs./100g)*** |
|---|---|---|---|---|
| $T_1$ - Traditional practice – milk feeding | 4 | *3.25* | *6* | -- |
| $T_2$ - Prepared weaning food (wheat-55 gm + Bengal Gram -20 gm + linseed-05 gm + potato powder-20 gm) + milk (For six months) | | *4.5* | *7.8* | |

### *Weed management*

***Problem definition:*** *low yield due more infestation of weed on chickpea*
***Technology Assessed or Refined (as the case may be):*** *weed management in chickpea*

*KVK, Mahoba in Uttar Pradesh conducted on-farm trial to effect of weed management practice to enhance the chickpea productivity .Application of pendimethalin @ 1 lit a.i./ha f/b quizolafop ethyle @ 100 gram a.i./ha was found less weed infestation and more yield .*

| ***Technology Option*** | ***No.of trials*** | ***No. of weed /$m^2$*** | ***No. of Pods /plant*** | ***Yield (q/ha)*** | ***Net return*** | ***B:C*** |
|---|---|---|---|---|---|---|
| $T_1$ – Farmer practice – no use of weedicide | 4 | *21.6* | *22.1* | *10.56* | *32326* | *2.5* |
| $T_2$ – *pendimethalin @ 1 lit a.i./ha f/b quizolafop ethyle @ 100 gram a.i./ha* | | *4.7* | *42.4* | *19.20* | *74397* | *3.47* |

## *VARIETAL EVALUATION*

***Problem definition:*** Evaluation of Urd bean variety for Kharif season.

***Technology Assessed or Refined :*** *Urdbean variety IPU-2-43*

*On-farm trial was conducted to Assessment of YMV resistant variety of Urdbean Under Bundelkhand Region.by Krishi Vigyan Kendra, Belatal, Mahoba. One variety (IPU 2-43) were taken for assessment during Kharif-2020. produced highest marketable yield followed by local urd bean variety.*

| ***Technology Option*** | ***No.of trials*** | ***YMV Infestation (%)*** | ***No. of Pods /plant*** | ***Yield (q/ha)*** | ***Net return*** | ***B:C*** |
|---|---|---|---|---|---|---|
| $T_1$ – Farmer practice – local urdbean variety | 4 | *25.5* | *17.2* | *6.7* | *19450* | *1.9* |
| $T_2$ – IPU 2-43 | | *4.25* | *26.5* | *9.6* | *38744* | *3.0* |

***PEST AND DISEASE MANAGEMENT***

***Problem definition:*** *Heavy infestation of leaf curl in chilli effecting in a yield loss of 20% and income loss of Rs.10000/ha*

***Technology Assessed or Refined (as the case may be):*** *Leaf Curl Management in Chilli*

*Chilli is an important commercial crop of Northern Karnataka. However, there is high incidence of leaf curl disease resulting in yield loss. Five KVKs namely Gadag, Haveri, Dharwad, Belgaum and Bagalkot conducted on-farm trial to* ***assess or refine (as the case may be)*** *the control measure. The refined technology of seed treatment with imidacloprid @ 5g/kg seeds + dipping seedlings with imidacloprid @ 0.25ml/lit along with spray with Dicofol @ 2.5 ml/lit reduced the percentage of disease incidence from 23 to 6 and yield was increased by 38.78 per cent.*

***Table Effect of imidacloprid in control of leaf curl in chilli***

| ***Technology Option*** | ***No.of trials*** | ***Incidence of leaf curl (%)*** | ***Yield (kg/ha)*** | ***% Increase in yield over farmer's practice*** |
|---|---|---|---|---|
| *Spray of Dimethoale @ 2 ml/lit (Farmers Practice)* | *28* | *23* | *620* | *--* |
| *Spray of Dimethoale @ 1.7 ml/lit + Dicofol 2.5 ml/lit (Recommended Practice)* | | *9* | *780* | *25.80* |
| *Seed treatment with imidacloprid @ 5g/Kg. seeds + dipping seedlings with imidacloprid @ 0.25ml/lit along with spray with Dicofol @ 2.5 ml/lit* | | *6* | *860* | *38.78* |

# II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2017-18 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 | Groundnut | ICM/Varietal evaluation | Use of improved variety and mangt. | GJG - 09 | 12 | 50 | 20 |
| 2 | Sesamum | ICM/Varietal evaluation | Use of improved variety and mangt. | Pragati | 14 | 45 | 18 |
| 3 | Mustard | ICM/Varietal evaluation | Use of improved variety and mangt. | RH - 749 | 38 | 125 | 50 |
| 4 | Pigeon pea | ICM/Varietal evaluation | Use of improved variety | TJT - 501 | 4 | 7 | 3 |
| 5 | Black gram | ICM/Varietal evaluation | Use of improved variety | Azad-3 | 8 | 25 | 10 |
| 6 | Green gram | ICM/Varietal evaluation | Use of improved variety | PDM - 139 | 23 | 55 | 21.86 |
| 7 | Chickpea | ICM/Varietal evaluation | Used of Improved Variety & mangt. | KWR - 108 | 13 | 25 | 10 |
| 8 | Field pea | ICM/Varietal evaluation | Use of Improved Variety | Aman | 16 | 25 | 10 |
| 9 | Wheat | Varietal evaluation | Use of Improved Variety | HD – 2967 | 14 | 12 | 4.8 |
| 10 | Sorghum (F) | Fodder cultivation | Improved Variety | MP Chari | 16 | 20 | 1.25 |

**** Thematic areas as given in Table 3.1 (A1 and A2)***

b. Details of FLDs implemented during **2020** (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops**.)

| 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. | Sesame | ICM/Varietal evaluation | ICM | *Kharif* , 2020 | 10 | 06 | 02 | 13 | 15 | |
| 2. | Mustard | ICM/Varietal evaluation | ICM | *Rabi* , 2020 | 115 | 115 | 34 | 254 | 288 | |

**B. Pulse Crops**

| 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. | Pigeon pea | ICM/Varietal evaluation | Improved Variety | *Kharif*, 2020 | 10 | 10 | 06 | 19 | 25 | |
| 2. | Chick pea | ICM/Varietal evaluation | ICM | *Rabi*, 2020-21 | 10 | 10 | 02 | 23 | 25 | |
| 3. | Field pea | ICM/Varietal evaluation | ICM | *Rabi*, 2020-21 | 10 | 10 | 03 | 22 | 25 | |
| 4. | Lentil | ICM/Varietal evaluation | Improved Variety | *Rabi*, 2020-21 | 10 | 10 | 02 | 23 | 25 | |

**C. Other than Oilseed and Pulses**

| 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. | Wheat | Varietal evaluation | Improved Variety | *Rabi*, 2020-21 | 10 | 10 | 3 | 22 | 25 | |
| 2. | Barley | Varietal evaluation | Improved Variety | *Rabi*, 2019-20 | 6 | 10 | 5 | 15 | 20 | |
| 3. | Fodder | Fodder cultivation | Improved Variety-Jowar (Sonal SSG) | *Zaid*, 2019-20 | 2 | 10 | 02 | 21 | 23 | |
| 4. | Tomato | Varietal evaluation | F1 Hyb. Arka Samrat | *Rabi 2019-20* | 2 | 2.0 | 02 | 24 | 26 | |
| 5. | Kharif Onion | Varietal evaluation | L-883 | *Kharif,2020* | 2 | 1.0 | | | | |
| 6. | Kitchen Garden | Varietal evaluation | Kharif, Rabi & Summer Vegetables | Kharif, Rabi & Summer Vegetables | 0.80 | 1.7 | 12 | 73 | 85 | |

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 | | | | | |
| Sesame | *Kharif*, 2020 | Rainfed | Mar and Kabar | Low | Low | Medium | Chickpea | 05.07.2020-15.07. 2020 | 22.09.2020 – 29.09.2020 | 356 | 15 |
| Mustard | *Rabi*, 2020 | Rainfed/Irrigated | Mar and Kabar | Medium | Low | Medium | Urd | 03.07. 2020-10.07. 2020 | | 374 | 17 |
| Pigeon pea | *Kharif*, 2020 | Rainfed | Mar and Kabar | Low | Low | Medium | Mustard | 02.07. 2020-10.07. 2020 | | 374 | 17 |
| Chick pea | *Rabi*, 2020-21 | Rainfed/Irrigated | Mar and Kabar | Low | Low | Medium | Sesame | 01.11. 2020-10.11. 2020 | | 374 | 17 |
| Field pea | *Rabi*, 2020-21 | Rainfed/Irrigated | Mar and Kabar | Medium | Low | Medium | Urd | 07.07.2020-15.07. 2020 | | 374 | 17 |
| Lentil | *Rabi*, 2020-21 | Rainfed | Mar and Kabar | Low | Medium | Medium | Urd | 07.07. 2020-15.07.2020 | | 374 | 17 |
| Wheat | *Rabi*, 2020-21 | Irrigated | Mar and Kabar | High | Medium | Medium | Sesame | 25.10.2020-05.11.2020 | | 374 | 17 |
| Barley | *Rabi*, 2019-20 | Irrigated | Mar and Kabar | Low | Low | Medium | Sesame | 25.10.2020-05.11.2020 | | 374 | 17 |
| Fodder | *Zaid*, 2019-20 | Irrigated | Mar and Kabar | Low | Low | High | Chickpea | 18.06.2020_ 23.06.2020 | 12.08.2020-19.09.2020 | 374 | 17 |
| Tomato | *Rabi 2019-20* | Irrigated | Mar and Kabar | Low | Low | High | Field Pea | 08.11.2020 | | 374 | 17 |
| Kharif Onion | *Kharif,2020* | Rainfed | Mar and Kabar | Low | Low | Medium | Chickpea | 15.11.2020-30.11.2020 | | 374 | 17 |
| Kitchen Garden | Kharif, Rabi & Summer Vegetables | Irrigated | Mar and Kabar | Low | Low | Medium | Sesame | 15.11.2020-30.11.2020 | | 374 | 17 |

Technical Feedback on the demonstrated technologies

| S. No | Feed Back |
|---|---|
| 1. Sesame | Crop damaged due to dry spell at the time of maturity. |
| 2. Pigeon Pea | Results awaited |
| 3. Chickpea | Results awaited |
| 4. Field Pea | Results awaited |
| 5. Lentil | Results awaited |
| 6. Mustard | Results awaited |
| 7. Wheat | Results awaited |
| 8. Barley | Results awaited |
| 9. Tomato | Results awaited |

Farmers' reactions on specific technologies

| S. No | Feed Back |
|---|---|
| 1. Sesame | Demonstrated variety RT-351 bears more number of pods and yield over farmers practice variety. |
| 2. Pigeon Pea | Demonstrated variety IPA-302 bears more number of pods and yield over farmers practice variety. |
| 3. Chickpea | Demonstrated variety JG14 bears more number of pods and yield over traditional variety. |
| 4. Field Pea | Demonstrated variety Aman and IPFD 10-12bears more number of pods and yield over traditional variety. |
| 5. Lentil | Demonstrated variety (IPL-316) bears more number of pods and yield over farmers practice variety. |
| 6. Mustard | Demonstrated variety Giriraj/RH-749 bears more number of branches and siliqua and yield over farmers practice variety. |
| 7. Wheat | Demonstrated variety K1317/Raj-4120 bears more number of pods and yield over farmers practice variety. |
| 8. Barley | Demonstrated variety BHS-400 bears more number of pods and yield over farmers practice variety. |
| 9. Tomato | Demonstrated variety Arka Samrat bears more number of tillers s and yield over farmers practice variety. |

Extension and Training activities under FLD

| Sl.No. | Activity | No. of activities organised | Date | Number of participants | Remarks |
|---|---|---|---|---|---|
| 1 | Field days | 01 | | | |
| 2 | Farmers Training | 04 | 07.08.2020<br>21.09.2020<br>30.09.2020<br>01.10.2020 | 18<br>20<br>40<br>22 | |
| 3 | Media coverage | 02 | | | |
| 4 | Training for extension functionaries | 01 | | | |

## Performance of Frontline demonstrations

### Frontline demonstrations on oilseed crops ( Results *rabi*, 2019-20)

| 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 | | | | | | | | | | |
| Groundnut | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Sesamum | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Mustard | | | Giriraj | 50 | 20 | | | 13.35 | 9.5 | 28.4 | 18200 | 55996 | 37796 | 2.08 | 16900 | 39908 | 23008 | 2..36 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
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| Toria | | | | | | | | | | | | | | | | | | |
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| Linseed | | | | | | | | | | | | | | | | | | |
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| Sunflower | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | |
| Soybean | | | | | | | | | | | | | | | | | | |
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* 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 | | | IPA-203 | 25 | 10 | | | 12.8 | 8.9 | | 26200 | 74385 | 48185 | 2.84 | 24100 | 47502 | 23402 | 1.97 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Blackgram | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Greengram | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Chickpea | | | JG-14/JG-12 | 25 | 10 | | | 19.01 | 13.09 | | 25200 | 92659 | 67459 | 3.68 | 20800 | 50271 | 29471 | 2.42 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Fieldpea | | | IPFD 10-12 | 25 | 10 | | | 22.14 | 17.86 | 23.97 | 21900 | 106272 | 84372 | 4.8 | 21200 | 83308 | 62108 | 3.9 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Lentil | | | IPL-316 | 25 | 10 | | | 8.69 | 6.78 | 28.17 | 20900 | 41712 | 20812 | 2 | 19200 | 32524 | 13324 | 1.69 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Horsegram | | | | | | | | | | | | | | | | | | |
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* 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) | | | | % Change in Yield | Other Parameters | | Economics of demonstration (Rs./ha) | | | | Economics of check (Rs./ha) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Demo | | | Check | | Demo | Check | Gross Cost | Gross Return | Net Return | BCR (R/C) | Gross Cost | Gross Return | Net Return | BCR (R/C) |
| | | | | | High | Low | Average | | | | | | | | | | | | |
| **Cereals** | | | | | | | | | | | | | | | | | | | |
| **Paddy** | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
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| **Waterlogged Situation** | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| **Coarse Rice** | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| **Scented Rice** | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| **Wheat** | | Raj-4120 | 25 | 10 | | | 38.61 | 27.94 | 38.19 | | | 22824 | 72318 | 51494 | 3.26 | 21200 | 53789 | 3298 | 2.54 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| **Wheat Timely sown** | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
| **Wheat Late Sown** | | | | | | | | | | | | | | | | | | | |
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| **Mandua** | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
| **Barley** | | BHS-400 | 20 | 8 | | | 30.12 | 20.45 | 47.29 | | | 21500 | 45925 | 28725 | 2.14 | 20000 | 31180 | 15180 | 1.56 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| **Maize** | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
| **Amaranth** | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
| **Millets** | | | | | | | | | | | | | | | | | | | |
| **Jowar** | | | | | | | | | | | | | | | | | | | |

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| **Bajra** | | | | | | | | | | | | | | | | | | |
| **Barnyard millet** | | | | | | | | | | | | | | | | | | |
| **Finger millet** | | | | | | | | | | | | | | | | | | |
| **Vegetables** | | | | | | | | | | | | | | | | | | |
| **Bottlegourd** | | | | | | | | | | | | | | | | | | |
| **Bittergourd** | | | | | | | | | | | | | | | | | | |
| **Cowpea** | | | | | | | | | | | | | | | | | | |
| **Spongegourd** | | | | | | | | | | | | | | | | | | |
| **Petha** | | | | | | | | | | | | | | | | | | |
| **Tomato** | **Crop improvement** | **Arka Samrat** | 20 | 2.1 | 624.70 | 402.25 | 506.25 | 358.4 | 41.25 | | | 99460 | 151875 | 52415 | 1.53 | 97460 | 107520 | 10060 | 1.10 |
| **Frenchbean** | | | | | | | | | | | | | | | | | | |
| **Capsicum** | | | | | | | | | | | | | | | | | | |
| **Chilli** | | | | | | | | | | | | | | | | | | |
| **Brinjal** | | | | | | | | | | | | | | | | | | |
| **Vegetable pea** | | | | | | | | | | | | | | | | | | |
| **Softgourd** | | | | | | | | | | | | | | | | | | |
| **Okra** | | | | | | | | | | | | | | | | | | |

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| **Colocasia (Arvi)** | | | | | | | | | | | | | | | | | | |
| **Broccoli** | | | | | | | | | | | | | | | | | | |
| **Cucumber** | | | | | | | | | | | | | | | | | | |
| **Onion** | | | | | | | | | | | | | | | | | | |
| **Coriender** | | | | | | | | | | | | | | | | | | |
| **Lettuce** | | | | | | | | | | | | | | | | | | |
| **Cabbage** | | | | | | | | | | | | | | | | | | |
| **Cauliflower** | | | | | | | | | | | | | | | | | | |
| **Elephant fruit** | | | | | | | | | | | | | | | | | | |
| **Flower crops** | | | | | | | | | | | | | | | | | | |
| **Marigold** | | | | | | | | | | | | | | | | | | |
| **Bela** | | | | | | | | | | | | | | | | | | |
| **Tuberose** | | | | | | | | | | | | | | | | | | |
| **Gladiolus** | | | | | | | | | | | | | | | | | | |
| **Fruit crops** | | | | | | | | | | | | | | | | | | |
| **Mango** | | | | | | | | | | | | | | | | | | |
| **Strawberry** | | | | | | | | | | | | | | | | | | |
| **Guava** | | | | | | | | | | | | | | | | | | |

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| **Banana** | | | | | | | | | | | | | | | | | | |
| **Papaya** | | | | | | | | | | | | | | | | | | |
| **Muskmelon** | | | | | | | | | | | | | | | | | | |
| **Watermelon** | | | | | | | | | | | | | | | | | | |
| **Spices & condiments** | | | | | | | | | | | | | | | | | | |
| **Ginger** | | | | | | | | | | | | | | | | | | |
| **Garlic** | | | | | | | | | | | | | | | | | | |
| **Turmeric** | | | | | | | | | | | | | | | | | | |
| **Commercial Crops** | | | | | | | | | | | | | | | | | | |
| **Sugarcane** | | | | | | | | | | | | | | | | | | |
| **Potato** | | | | | | | | | | | | | | | | | | |
| **Medicinal & aromatic plants** | | | | | | | | | | | | | | | | | | |
| **Mentholment** | | | | | | | | | | | | | | | | | | |
| **Kalmegh** | | | | | | | | | | | | | | | | | | |
| **Ashwagandha** | | | | | | | | | | | | | | | | | | |
| **Fodder Crops** | | | | | | | | | | | | | | | | | | |
| **Sorghum (F)** | | | | | | | | | | | | | | | | | | |
| **Cowpea (F)** | | | | | | | | | | | | | | | | | | |

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| **Maize (F)** | | | | | | | | | | | | | | | | | | |
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| **Lucern** | | | | | | | | | | | | | | | | | | |
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| **Berseem** | | | | | | | | | | | | | | | | | | |
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| **Oat (F)** | | | | | | | | | | | | | | | | | | |
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* 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** | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
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| **Buffalo** | | | | | | | | | | | | | | | | | |
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| **Buffalo Calf** | | | | | | | | | | | | | | | | | |
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| **Dairy** | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | |
| **Poultry** | | | | | | | | | | | | | | | | | |
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| **Sheep & Goat** | | | | | | | | | | | | | | | | | |
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| **Vaccination** | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
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* 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 Fisheries

| 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** | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

* 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 enterprises

| 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** | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |
| **Apiculture** | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |
| **Maize Sheller** | | | | | | | | | | | | | | | | |

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| **Value Addition** | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |
| **Vermi Compost** | | | | | | | | | | | | | | | | |
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## FLD on Women Empowerment

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

| Category and Crop | Thematic area | Name of the technology demonstrated | No. of Farmer | No. of Units | Yield (Kg) | | % 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) |
| Kitchen Garden | | | 71 | 1 | 7.52 | | 100 | | | 1980 | 7520 | 5540 | 3.8 | | | | |

**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) | | | | % Increase in yield | Economics of demonstration (Rs./ha) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Demo | | | Check | | Gross Cost | Gross Return | Net Return | BCR (R/C) |
| | | | | | High | Low | Average | | | | | | |
| Oilseed crop | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Pulse crop | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Cereal crop | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Vegetable crop | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Fruit crop | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Other (specify) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

***Note : Remove the Enterprises/crops which have not been shown***

# 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 |
| **I Crop Production** | | | | | | | | | | |
| Weed Management | 1 | 2 | 2 | 4 | 6 | 8 | 14 | 8 | 10 | 18 |
| Resource Conservation Technologies | | | | | | | | | | |
| Cropping Systems | | | | | | | | | | |
| Crop Diversification | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | |
| Micro Irrigation/irrigation | | | | | | | | | | |
| Seed production | 3 | 0 | 54 | 54 | 15 | 0 | 15 | 15 | 54 | 69 |
| Nursery management | | | | | | | 0 | 0 | 0 | 0 |
| Integrated Crop Management | 2 | 4 | 29 | 33 | 3 | 11 | 14 | 7 | 40 | 47 |
| Soil & water conservatioin | | | | | | | | | | |
| Integrated nutrient management | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | **6** | **6** | **85** | **91** | **24** | **19** | **43** | **30** | **104** | **134** |
| **II Horticulture** | | | | | | | | | | |
| **a) Vegetable Crops** | | | | | | | | | | |
| Production of low value and high valume crops | 1 | 13 | 2 | 15 | 3 | 2 | 5 | 16 | 4 | 20 |
| Off-season vegetables | | | | | | | | | | |
| Nursery raising | | | | | | | | | | |
| Exotic vegetables | | | | | | | | | | |
| Export potential vegetables | 2 | 27 | 9 | 36 | 1 | 0 | 1 | 28 | 9 | 37 |
| Grading and standardization | | | | | | | | | | |
| Protective cultivation | | | | | | | | | | |
| Others (pl specify) | 1 | 5 | 6 | 11 | 0 | 6 | 6 | 5 | 12 | 17 |
| **Total (a)** | **4** | **45** | **17** | **62** | **4** | **8** | **12** | **49** | **25** | **74** |
| **b) Fruits** | | | | | | | | | | |
| 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) | 1 | 15 | 0 | 15 | | | 0 | 15 | 0 | 15 |
| **Total (b)** | **1** | **15** | **0** | **15** | **0** | **0** | **0** | **15** | **0** | **15** |
| **c) Ornamental Plants** | | | | | | | | | | |
| Nursery Management | | | | | | | | | | |
| Management of potted plants | | | | | | | | | | |
| Export potential of ornamental plants | | | | | | | | | | |
| Propagation techniques of Ornamental Plants | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total ( c)** | | | | | | | | | | |
| **d) Plantation crops** | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total (d)** | | | | | | | | | | |
| **e) Tuber crops** | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total (e)** | | | | | | | | | | |
| **f) Spices** | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total (f)** | | | | | | | | | | |
| **g) Medicinal and Aromatic Plants** | | | | | | | | | | |
| Nursery management | | | | | | | | | | |
| Production and management technology | | | | | | | | | | |
| Post harvest technology and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total (g)** | | | | | | | | | | |
| **GT (a-g)** | **5** | **60** | **17** | **77** | **4** | **8** | **12** | **64** | **25** | **89** |
| **III Soil Health and Fertility Management** | | | | | | | | | | |
| 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) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **IV Livestock Production and Management** | | | | | | | | | | |
| Dairy Management | | | | | | | | | | |
| Poultry Management | | | | | | | | | | |
| Piggery Management | | | | | | | | | | |
| Rabbit Management | | | | | | | | | | |
| Animal Nutrition Management | | | | | | | | | | |
| Disease Management | | | | | | | | | | |
| Feed & fodder technology | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **V Home Science/Women empowerment** | | | | | | | | | | |
| Household food security by kitchen gardening and nutrition gardening | 1 | 1 | 1 | 2 | 5 | 13 | 18 | 6 | 14 | 20 |
| Design and development of low/minimum cost diet | 1 | 0 | 25 | 25 | 0 | 5 | 5 | 0 | 30 | 30 |
| Designing and development for high nutrient efficiency diet | | | | 0 | | | 0 | 0 | 0 | 0 |
| Minimization of nutrient loss in processing | | | | 0 | | | 0 | 0 | 0 | 0 |
| Processing and cooking | | | | 0 | | | 0 | 0 | 0 | 0 |
| Gender mainstreaming through SHGs | | | | 0 | | | 0 | 0 | 0 | 0 |
| Storage loss minimization techniques | 1 | 0 | 9 | 9 | 0 | 25 | 25 | 0 | 34 | 34 |
| Value addition | 4 | 0 | 66 | 66 | 0 | 41 | 41 | 0 | 107 | 107 |
| Women empowerment | | | | 0 | | | 0 | 0 | 0 | 0 |
| Location specific drudgery reduction technologies | | | | 0 | | | 0 | 0 | 0 | 0 |
| Rural Crafts | 2 | 0 | 27 | 27 | 0 | 23 | 23 | 0 | 50 | 50 |
| Women and child care | | | | 0 | | | 0 | 0 | 0 | 0 |
| Others (pl specify) | | | | 0 | | | 0 | 0 | 0 | 0 |
| **Total** | **9** | **1** | **128** | **129** | **5** | **107** | **112** | **6** | **235** | **241** |
| **VI Agril. Engineering** | | | | | | | | | | |
| Farm Machinary 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) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **VII Plant Protection** | | | | | | | | | | |
| Integrated Pest Management | 1 | 26 | 1 | 27 | 0 | 0 | 0 | 26 | 1 | 27 |
| Integrated Disease Management | 1 | 26 | 0 | 26 | 1 | 0 | 1 | 27 | 0 | 27 |
| Bio-control of pests and diseases | 2 | 18 | 4 | 22 | 15 | 8 | 23 | 33 | 12 | 45 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Production of bio control agents and bio pesticides | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | **4** | **70** | **5** | **75** | **16** | **8** | **24** | **86** | **13** | **99** |
| **VIII Fisheries** | | | | | | | | | | |
| Integrated fish farming | | | | | | | | | | |
| Carp breeding and hatchery management | | | | | | | | | | |
| Carp fry and fingerling rearing | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | |
| Hatchery management and culture of freshwater prawn | | | | | | | | | | |
| Breeding and culture of ornamental fishes | | | | | | | | | | |
| Portable plastic carp hatchery | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | |
| Pearl culture | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **IX Production of Inputs at site** | | | | | | | | | | |
| Seed Production | | | | | | | | | | |
| Planting material production | | | | | | | | | | |
| Bio-agents production | | | | | | | | | | |
| Bio-pesticides production | | | | | | | | | | |
| Bio-fertilizer production | | | | | | | | | | |
| Vermi-compost production | | | | | | | | | | |
| Organic manures production | | | | | | | | | | |
| Production of fry and fingerlings | | | | | | | | | | |
| Production of Bee-colonies and wax sheets | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | |
| Production of Fish feed | | | | | | | | | | |
| Mushroom Production | | | | | | | | | | |
| Apiculture | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **X Capacity Building and Group Dynamics** | | | | | | | | | | |
| Leadership development | | | | | | | | | | |
| Group dynamics | | | | 0 | | | 0 | 0 | 0 | 0 |
| Formation and Management of SHGs | | | | 0 | | | 0 | 0 | 0 | 0 |
| Mobilization of social capital | | | | 0 | | | 0 | 0 | 0 | 0 |
| Entrepreneurial development of farmers/youths | | | | 0 | | | 0 | 0 | 0 | 0 |
| WTO and IPR issues | | | | 0 | | | 0 | 0 | 0 | 0 |
| Others (pl specify) | | | | 0 | | | 0 | 0 | 0 | 0 |
| **Total** | **2** | **29** | **0** | **29** | **18** | **2** | **20** | **47** | **2** | **49** |
| **XI Agro-forestry** | | | | | | | | | | |
| Production technologies | | | | | | | | | | |
| Nursery management | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **GRAND TOTAL** | **26** | **166** | **235** | **401** | **67** | **144** | **211** | **233** | **379** | **612** |

**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 |
| **I Crop Production** | | | | | | | | | | |
| Weed Management | 2 | 35 | 2 | 37 | 9 | 0 | 9 | 44 | 2 | 46 |
| Resource Conservation Technologies | | | | 0 | | | 0 | 0 | 0 | 0 |
| Cropping Systems | | | | 0 | | | 0 | 0 | 0 | 0 |
| Crop Diversification | | | | 0 | | | 0 | 0 | 0 | 0 |
| Integrated Farming | | | | 0 | | | 0 | 0 | 0 | 0 |
| Micro Irrigation/irrigation | | | | 0 | | | 0 | 0 | 0 | 0 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Seed production | 4 | 74 | 0 | 74 | 8 | 0 | 8 | 82 | 0 | 82 |
| Nursery management | | | | 0 | | | 0 | 0 | 0 | 0 |
| Integrated Crop Management | 1 | 23 | 2 | 25 | 0 | 0 | 0 | 23 | 2 | 25 |
| Soil & water conservatioin | | | | 0 | | | 0 | 0 | 0 | 0 |
| Integrated nutrient management | | | | 0 | | | 0 | 0 | 0 | 0 |
| Production of organic inputs | | | | 0 | | | 0 | 0 | 0 | 0 |
| Others (pl specify) | | | | 0 | | | 0 | 0 | 0 | 0 |
| **Total** | **7** | **132** | **4** | **136** | **17** | **0** | **17** | **149** | **4** | **153** |
| **II Horticulture** | | | | | | | | | | |
| **a) Vegetable Crops** | | | | | | | | | | |
| Production of low value and high valume crops | 1 | 18 | 0 | 18 | 1 | 0 | 1 | 19 | 0 | 19 |
| Off-season vegetables | | | | 0 | | | 0 | 0 | 0 | 0 |
| Nursery raising | 1 | 11 | 9 | 20 | 0 | 1 | 1 | 11 | 10 | 21 |
| Exotic vegetables | | | | 0 | | | 0 | 0 | 0 | 0 |
| Export potential vegetables | 2 | 24 | 0 | 24 | 30 | 0 | 30 | 54 | 0 | 54 |
| Grading and standardization | | | | 0 | | | 0 | 0 | 0 | 0 |
| Protective cultivation | 1 | 18 | 4 | 22 | 8 | 0 | 8 | 26 | 4 | 30 |
| Others (pl specify) | | | | 0 | | | 0 | 0 | 0 | 0 |
| **Total (a)** | **5** | **71** | **13** | **84** | **39** | **1** | **40** | **110** | **14** | **124** |
| **b) Fruits** | | | | | | | | | | |
| Training and Pruning | | | | 0 | | | 0 | 0 | 0 | 0 |
| Layout and Management of Orchards | 1 | 16 | 0 | 16 | 2 | 0 | 2 | 18 | 0 | 18 |
| Cultivation of Fruit | | | | 0 | | | 0 | 0 | 0 | 0 |
| Management of young plants/orchards | | | | 0 | | | 0 | 0 | 0 | 0 |
| Rejuvenation of old orchards | | | | 0 | | | 0 | 0 | 0 | 0 |
| Export potential fruits | | | | 0 | | | 0 | 0 | 0 | 0 |
| Micro irrigation systems of orchards | | | | 0 | | | 0 | 0 | 0 | 0 |
| Plant propagation techniques | | | | 0 | | | 0 | 0 | 0 | 0 |
| Others (pl specify) | | | | 0 | | | 0 | 0 | 0 | 0 |
| **Total (b)** | **1** | **16** | **0** | **16** | **2** | **0** | **2** | **18** | **0** | **18** |
| **c) Ornamental Plants** | | | | | | | | | | |
| Nursery Management | | | | | | | | | | |
| Management of potted plants | | | | | | | | | | |
| Export potential of ornamental plants | | | | | | | | | | |
| Propagation techniques of Ornamental Plants | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total ( c)** | | | | | | | | | | |
| **d) Plantation crops** | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total (d)** | | | | | | | | | | |
| **e) Tuber crops** | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total (e)** | | | | | | | | | | |
| **f) Spices** | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total (f)** | | | | | | | | | | |
| **g) Medicinal and Aromatic Plants** | | | | | | | | | | |
| Nursery management | | | | | | | | | | |
| Production and management technology | | | | | | | | | | |
| Post harvest technology and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total (g)** | | | | | | | | | | |
| **GT (a-g)** | **6** | **87** | **13** | **100** | **41** | **1** | **42** | **128** | **14** | **142** |
| **III Soil Health and Fertility Management** | | | | | | | | | | |
| 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) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **IV Livestock Production and Management** | | | | | | | | | | |
| Dairy Management | | | | | | | | | | |
| Poultry Management | | | | | | | | | | |
| Piggery Management | | | | | | | | | | |
| Rabbit Management | | | | | | | | | | |
| Animal Nutrition Management | | | | | | | | | | |
| Disease Management | | | | | | | | | | |
| Feed & fodder technology | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **V Home Science/Women empowerment** | | | | | | | | | | |
| Household food security by kitchen gardening and nutrition gardening | 2 | 15 | 5 | 20 | 14 | 14 | 28 | 29 | 19 | 48 |
| Design and development of low/minimum cost diet | | | | 0 | | | 0 | 0 | 0 | 0 |
| Designing and development for high nutrient efficiency diet | 1 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 20 | 20 |
| Minimization of nutrient loss in processing | | | | 0 | | | 0 | 0 | 0 | 0 |
| Processing and cooking | | | | 0 | | | 0 | 0 | 0 | 0 |
| Gender mainstreaming through SHGs | | | | 0 | | | 0 | 0 | 0 | 0 |
| Storage loss minimization techniques | | | | 0 | | | 0 | 0 | 0 | 0 |
| Value addition | 2 | 0 | 0 | 0 | 10 | 50 | 60 | 10 | 50 | 60 |
| Women empowerment | 1 | 0 | 26 | 26 | 0 | 4 | 4 | 0 | 30 | 30 |
| Location specific drudgery reduction technologies | | | | 0 | | | 0 | 0 | 0 | 0 |
| Rural Crafts | | | | 0 | | | 0 | 0 | 0 | 0 |
| Women and child care | 2 | 0 | 15 | 15 | 0 | 33 | 33 | 0 | 48 | 48 |
| Others (pl specify) | | | | 0 | | | 0 | 0 | 0 | 0 |
| **Total** | **8** | **15** | **66** | **81** | **24** | **101** | **125** | **39** | **167** | **206** |
| **VI Agril. Engineering** | | | | | | | | | | |
| Farm Machinary 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) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **VII Plant Protection** | | | | | | | | | | |
| Integrated Pest Management | 2 | 10 | 0 | 10 | 19 | 7 | 26 | 29 | 7 | 36 |
| Integrated Disease Management | 2 | 42 | 0 | 42 | 2 | 0 | 2 | 44 | 0 | 44 |
| Bio-control of pests and diseases | 3 | 66 | 1 | 67 | 5 | 0 | 5 | 71 | 1 | 72 |
| Production of bio control agents and bio pesticides | | | | 0 | | | 0 | 0 | 0 | 0 |
| Others (pl specify) | | | | 0 | | | 0 | 0 | 0 | 0 |
| **Total** | **7** | **118** | **1** | **119** | **26** | **7** | **33** | **144** | **8** | **152** |
| **VIII Fisheries** | | | | | | | | | | |
| Integrated fish farming | | | | | | | | | | |
| Carp breeding and hatchery management | | | | | | | | | | |
| Carp fry and fingerling rearing | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | |
| Hatchery management and culture of freshwater prawn | | | | | | | | | | |
| Breeding and culture of ornamental fishes | | | | | | | | | | |
| Portable plastic carp hatchery | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Pearl culture | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **IX Production of Inputs at site** | | | | | | | | | | |
| Seed Production | | | | | | | | | | |
| Planting material production | | | | | | | | | | |
| Bio-agents production | | | | | | | | | | |
| Bio-pesticides production | | | | | | | | | | |
| Bio-fertilizer production | | | | | | | | | | |
| Vermi-compost production | | | | | | | | | | |
| Organic manures production | | | | | | | | | | |
| Production of fry and fingerlings | | | | | | | | | | |
| Production of Bee-colonies and wax sheets | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | |
| Production of Fish feed | | | | | | | | | | |
| Mushroom Production | | | | | | | | | | |
| Apiculture | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **X Capacity Building and Group Dynamics** | | | | | | | | | | |
| Leadership development | 1 | 20 | 0 | 20 | | | 0 | 20 | 0 | 20 |
| Group dynamics | 1 | 1 | | 1 | 17 | 2 | 19 | 18 | 2 | 20 |
| Formation and Management of SHGs | | | | 0 | | | 0 | 0 | 0 | 0 |
| Mobilization of social capital | | | | 0 | | | 0 | 0 | 0 | 0 |
| Entrepreneurial development of farmers/youths | | | | 0 | | | 0 | 0 | 0 | 0 |
| WTO and IPR issues | 1 | 17 | 0 | 17 | 9 | 0 | 9 | 26 | 0 | 26 |
| Others (pl specify) | 4 | 42 | 1 | 43 | 37 | 7 | 44 | 79 | 8 | 87 |
| **Total** | **7** | **80** | **1** | **81** | **63** | **9** | **72** | **143** | **10** | **153** |
| **XI Agro-forestry** | | | | | | | | | | |
| Production technologies | | | | | | | | | | |
| Nursery management | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **GRAND TOTAL** | **35** | **432** | **85** | **517** | **171** | **118** | **289** | **603** | **203** | **806** |

**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 |
| **I Crop Production** | | | | | | | | | | |
| Weed Management | 3 | 37 | 4 | 41 | 15 | 8 | 23 | 52 | 12 | 64 |
| Resource Conservation Technologies | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cropping Systems | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Crop Diversification | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Integrated Farming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Micro Irrigation/irrigation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seed production | 7 | 74 | 54 | 128 | 23 | 0 | 23 | 97 | 54 | 151 |
| Nursery management | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Integrated Crop Management | 3 | 27 | 31 | 58 | 3 | 11 | 14 | 30 | 42 | 72 |
| Soil & water conservatioin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Integrated nutrient management | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production of organic inputs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Others (pl specify) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | **13** | **138** | **89** | **227** | **41** | **19** | **60** | **179** | **108** | **287** |
| **II Horticulture** | | | | | | | | | | |
| **a) Vegetable Crops** | | | | | | | | | | |
| Production of low value and high valume crops | 2 | 31 | 2 | 33 | 4 | 2 | 6 | 35 | 4 | 39 |
| Off-season vegetables | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nursery raising | 1 | 11 | 9 | 20 | 0 | 1 | 1 | 11 | 10 | 21 |
| Exotic vegetables | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Export potential vegetables | 4 | 51 | 9 | 60 | 31 | 0 | 31 | 82 | 9 | 91 |
| Grading and standardization | | | | | | | | | | |
| Protective cultivation | 1 | 18 | 4 | 22 | 8 | 0 | 8 | 26 | 4 | 30 |
| Others (pl specify) | 1 | 5 | 6 | 11 | 0 | 6 | 6 | 5 | 12 | 17 |
| **Total (a)** | **9** | **116** | **30** | **146** | **43** | **9** | **52** | **159** | **39** | **198** |
| **b) Fruits** | | | | | | | | | | |
| Training and Pruning | | | | | | | | | | |
| Layout and Management of Orchards | 1 | 16 | 0 | 16 | 2 | 0 | 2 | 18 | 0 | 18 |
| 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) | 1 | 15 | 0 | 15 | 0 | 0 | 0 | 15 | 0 | 15 |
| **Total (b)** | **2** | **31** | **0** | **31** | **2** | **0** | **2** | **33** | **0** | **33** |
| **c) Ornamental Plants** | | | | | | | | | | |
| Nursery Management | | | | | | | | | | |
| Management of potted plants | | | | | | | | | | |
| Export potential of ornamental plants | | | | | | | | | | |
| Propagation techniques of Ornamental Plants | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total ( c)** | | | | | | | | | | |
| **d) Plantation crops** | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total (d)** | | | | | | | | | | |
| **e) Tuber crops** | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total (e)** | | | | | | | | | | |
| **f) Spices** | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total (f)** | | | | | | | | | | |
| **g) Medicinal and Aromatic Plants** | | | | | | | | | | |
| Nursery management | | | | | | | | | | |
| Production and management technology | | | | | | | | | | |
| Post harvest technology and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total (g)** | | | | | | | | | | |
| **GT (a-g)** | **11** | **147** | **30** | **177** | **45** | **9** | **54** | **192** | **39** | **231** |
| **III Soil Health and Fertility Management** | | | | | | | | | | |
| 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) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **IV Livestock Production and Management** | | | | | | | | | | |
| Dairy Management | | | | | | | | | | |
| Poultry Management | | | | | | | | | | |
| Piggery Management | | | | | | | | | | |
| Rabbit Management | | | | | | | | | | |
| Animal Nutrition Management | | | | | | | | | | |
| Disease Management | | | | | | | | | | |
| Feed & fodder technology | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Total** | | | | | | | | | | |
| **V Home Science/Women empowerment** | | | | | | | | | | |
| Household food security by kitchen gardening and nutrition gardening | 3 | 16 | 6 | 22 | 19 | 27 | 46 | 35 | 33 | 68 |
| Design and development of low/minimum cost diet | 1 | 0 | 25 | 25 | 0 | 5 | 5 | 0 | 30 | 30 |
| Designing and development for high nutrient efficiency diet | 1 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 20 | 20 |
| Minimization of nutrient loss in processing | | | | | | | | | | |
| Processing and cooking | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | |
| Storage loss minimization techniques | 1 | 0 | 9 | 9 | 0 | 25 | 25 | 0 | 34 | 34 |
| Value addition | 6 | 0 | 66 | 66 | 10 | 91 | 101 | 10 | 157 | 167 |
| Women empowerment | 1 | 0 | 26 | 26 | 0 | 4 | 4 | 0 | 30 | 30 |
| Location specific drudgery reduction technologies | | | | | | | | | | |
| Rural Crafts | 2 | 0 | 27 | 27 | 0 | 23 | 23 | 0 | 50 | 50 |
| Women and child care | 2 | 0 | 15 | 15 | 0 | 33 | 33 | 0 | 48 | 48 |
| Others (pl specify) | | | | | | | | | | |
| **Total** | **17** | **16** | **194** | **210** | **29** | **208** | **237** | **45** | **402** | **447** |
| **VI Agril. Engineering** | | | | | | | | | | |
| Farm Machinary 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) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **VII Plant Protection** | | | | | | | | | | |
| Integrated Pest Management | 3 | 36 | 1 | 37 | 19 | 7 | 26 | 55 | 8 | 63 |
| Integrated Disease Management | 3 | 68 | 0 | 68 | 3 | 0 | 3 | 71 | 0 | 71 |
| Bio-control of pests and diseases | 5 | 84 | 5 | 89 | 20 | 8 | 28 | 104 | 13 | 117 |
| Production of bio control agents and bio pesticides | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | **11** | **188** | **6** | **194** | **42** | **15** | **57** | **230** | **21** | **251** |
| **VIII Fisheries** | | | | | | | | | | |
| Integrated fish farming | | | | | | | | | | |
| Carp breeding and hatchery management | | | | | | | | | | |
| Carp fry and fingerling rearing | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | |
| Hatchery management and culture of freshwater prawn | | | | | | | | | | |
| Breeding and culture of ornamental fishes | | | | | | | | | | |
| Portable plastic carp hatchery | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | |
| Pearl culture | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **IX Production of Inputs at site** | | | | | | | | | | |
| Seed Production | | | | | | | | | | |
| Planting material production | | | | | | | | | | |
| Bio-agents production | | | | | | | | | | |
| Bio-pesticides production | | | | | | | | | | |
| Bio-fertilizer production | | | | | | | | | | |
| Vermi-compost production | | | | | | | | | | |
| Organic manures production | | | | | | | | | | |
| Production of fry and fingerlings | | | | | | | | | | |
| Production of Bee-colonies and wax sheets | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Production of Fish feed | | | | | | | | | | |
| Mushroom Production | | | | | | | | | | |
| Apiculture | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **X Capacity Building and Group Dynamics** | | | | | | | | | | |
| Leadership development | 1 | 20 | 0 | 20 | 0 | 0 | 0 | 20 | 0 | 20 |
| Group dynamics | 1 | 1 | 0 | 1 | 17 | 2 | 19 | 18 | 2 | 20 |
| Formation and Management of SHGs | | | | | | | | | | |
| Mobilization of social capital | | | | | | | | | | |
| Entrepreneurial development of farmers/youths | | | | | | | | | | |
| WTO and IPR issues | 1 | 17 | 0 | 17 | 9 | 0 | 9 | 26 | 0 | 26 |
| Others (pl specify) | 6 | 71 | 1 | 72 | 55 | 9 | 64 | 126 | 10 | 136 |
| **Total** | **9** | **109** | **1** | **110** | **81** | **11** | **92** | **190** | **12** | **202** |
| **XI Agro-forestry** | | | | | | | | | | |
| Production technologies | | | | | | | | | | |
| Nursery management | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **GRAND TOTAL** | **61** | **598** | **320** | **918** | **238** | **262** | **500** | **836** | **582** | **1418** |

**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 | 1 | 13 | | 13 | 2 | | 2 | 15 | 0 | 15 |
| Training and pruning of orchards | | | | | | | | | | |
| Protected cultivation of vegetable crops | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | |
| Integrated farming | | | | | | | | | | |
| Seed production | 1 | 10 | | 10 | 3 | | 3 | 13 | 0 | 13 |
| Production of organic inputs | | | | | | | | | | |
| Planting material production | | | | | | | | | | |
| Vermi-culture | 1 | 14 | | 14 | 5 | | 5 | 19 | 0 | 19 |
| Mushroom Production | 2 | 22 | | 22 | 10 | | 10 | 32 | 0 | 32 |
| Bee-keeping | | | | | | | | | | |
| Sericulture | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | | | | | | | | | | |
| Value addition | | | | | | | | | | |
| Small scale processing | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | |
| Tailoring and Stitching | 1 | 0 | 0 | 0 | 0 | 15 | 15 | 0 | 15 | 15 |
| 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) | | | | | | | | | | |
| **TOTAL** | **6** | **59** | **0** | **59** | **20** | **15** | **35** | **79** | **15** | **94** |

**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) | | | | | | | | | | |
| **TOTAL** | | | | | | | | | | |

**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 | 1 | 13 | 0 | 13 | 2 | 0 | 2 | 15 | 0 | 15 |
| Training and pruning of orchards | | | | | | | | | | |
| Protected cultivation of vegetable crops | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | |
| Integrated farming | | | | | | | | | | |
| Seed production | 1 | 10 | 0 | 10 | 3 | 0 | 3 | 13 | 0 | 13 |
| Production of organic inputs | | | | | | | | | | |
| Planting material production | | | | | | | | | | |
| Vermi-culture | 1 | 14 | 0 | 14 | 5 | 0 | 5 | 19 | 0 | 19 |
| Mushroom Production | 2 | 22 | 0 | 22 | 10 | 0 | 10 | 32 | 0 | 32 |
| Bee-keeping | | | | | | | | | | |
| Sericulture | | | | | | | | | | |
| Repair and maintenance of farm machinery and | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| implements | | | | | | | | | | |
| Value addition | | | | | | | | | | |
| Small scale processing | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | |
| Tailoring and Stitching | 1 | 0 | 0 | 0 | 0 | 15 | 15 | 0 | 15 | 15 |
| 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) | | | | | | | | | | |
| **TOTAL** | **6** | **59** | **0** | **59** | **20** | **15** | **35** | **79** | **15** | **94** |

## 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 | 1 | 11 | | 11 | 5 | | 5 | 16 | 0 | 16 |
| Integrated Nutrient management | | | | | | | | | | |
| Rejuvenation of old orchards | 1 | 13 | | 13 | 9 | | 9 | 22 | 0 | 22 |
| Protected cultivation technology | 2 | 21 | | 21 | 16 | | 16 | 37 | 0 | 37 |
| 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 | 2 | 0 | 33 | 33 | 0 | 3 | 3 | 0 | 36 | 36 |
| Low cost and nutrient efficient diet designing | | | | | | | | | | |
| Group Dynamics and farmers organization | | | | | | | | | | |
| Information networking among farmers | | | | | | | | | | |
| Capacity building for ICT application | 1 | 10 | | 10 | 5 | | 5 | 15 | 0 | 15 |
| Management in farm animals | | | | | | | | | | |
| Livestock feed and fodder production | | | | | | | | | | |
| Household food security | | | | | | | | | | |
| Any other (pl.specify) | | | | | | | | | | |
| **TOTAL** | **7** | **55** | **33** | **88** | **35** | **3** | **38** | **90** | **36** | **126** |

## 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 | | | | | | | | | | |
| 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) | | | | | | | | | | |
| **TOTAL** | | | | | | | | | | |

**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 | 1 | 11 | | 11 | 5 | | 5 | 16 | 0 | 16 |
| Integrated Nutrient management | | | | | | | | | | |
| Rejuvenation of old orchards | 1 | 13 | | 13 | 9 | | 9 | 22 | 0 | 22 |
| Protected cultivation technology | 2 | 21 | | 21 | 16 | | 16 | 37 | 0 | 37 |
| 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 | 2 | 0 | 33 | 33 | 0 | 3 | 3 | 0 | 36 | 36 |
| Low cost and nutrient efficient diet designing | | | | | | | | | | |
| Group Dynamics and farmers organization | | | | | | | | | | |
| Information networking among farmers | | | | | | | | | | |
| Capacity building for ICT application | 1 | 10 | | 10 | 5 | | 5 | 15 | 0 | 15 |
| Management in farm animals | | | | | | | | | | |
| Livestock feed and fodder production | | | | | | | | | | |
| Household food security | | | | | | | | | | |
| Any other (pl.specify) | | | | | | | | | | |
| **TOTAL** | **7** | **55** | **33** | **88** | **35** | **3** | **38** | **90** | **36** | **126** |

**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 |
| | | | | | | | | | | |
| **Crop production and management** | | | | | | | | | | |
| Increasing production and productivity of crops | | | | | | | | | | |
| Commercial production of vegetables | | | | | | | | | | |
| **Production and value addition** | | | | | | | | | | |
| Fruit Plants | | | | | | | | | | |
| Ornamental plants | | | | | | | | | | |
| Spices crops | | | | | | | | | | |
| Soil health and fertility management | | | | | | | | | | |
| Production of Inputs at site | | | | | | | | | | |
| Methods of protective cultivation | | | | | | | | | | |
| Others (pl. specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **Post harvest technology and value addition** | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | |
| Others (pl. specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **Farm machinery** | | | | | | | | | | |
| Farm machinery, tools and implements | | | | | | | | | | |
| Others (pl. specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **Livestock and fisheries** | | | | | | | | | | |
| Livestock production and management | | | | | | | | | | |
| Animal Nutrition Management | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Animal Disease Management | | | | | | | | | | |
| Fisheries Nutrition | | | | | | | | | | |
| Fisheries Management | | | | | | | | | | |
| Others (pl. specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **Home Science** | | | | | | | | | | |
| Household nutritional security | | | | | | | | | | |
| Economic empowerment of women | | | | | | | | | | |
| Drudgery reduction of women | | | | | | | | | | |
| Others (pl. specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **Agricultural Extension** | | | | | | | | | | |
| Capacity Building and Group Dynamics | | | | | | | | | | |
| Others (pl. specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **GRAND TOTAL** | | | | | | | | | | |

**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 |
| **Crop production and management** | | | | | | | | | | |
| Commercial floriculture | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | |
| Commercial vegetable production | | | | | | | | | | |
| Integrated crop management | | | | | | | | | | |
| Organic farming | | | | | | | | | | |
| Others (pl. specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **Post harvest technology and value addition** | | | | | | | | | | |
| Value addition | | | | | | | | | | |
| Others (pl. specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **Livestock and fisheries** | | | | | | | | | | |
| Dairy farming | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | |
| Sheep and goat rearing | | | | | | | | | | |
| Piggery | | | | | | | | | | |
| Poultry farming | | | | | | | | | | |
| Others (pl. specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **Income generation activities** | | | | | | | | | | |
| 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) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **Agricultural Extension** | | | | | | | | | | |
| Capacity building and group dynamics | | | | | | | | | | |
| Others (pl. specify) | | | | | | | | | | |
| **Total** | | | | | | | | | | |
| **Grand Total** | | | | | | | | | | |

# IV. Extension Programmes

| Activities | No. of programmes | No. of farmers | No. of Extension Personnel | TOTAL |
|---|---|---|---|---|
| Advisory Services | 42 | 96237 | 78 | 96315 |
| Diagnostic visits | 10 | 52 | 11 | 63 |
| Field Day | 5 | 174 | 6 | 180 |
| Group discussions | 6 | 156 | 4 | 160 |
| Kisan Ghosthi | 10 | 855 | 76 | 931 |
| Film Show | 3 | 258 | | 258 |
| Self -help groups | 1 | 1100 | 46 | 1146 |
| Kisan Mela | 3 | 161 | 20 | 181 |
| Exhibition | 2 | 1620 | 46 | 1666 |
| Scientists' visit to farmers field | 61 | 815 | 7 | 822 |
| Plant/animal health camps | 29 | 216 | 4 | 220 |
| Farm Science Club | | | | 0 |
| Ex-trainees Sammelan | | | | 0 |
| Farmers' seminar/workshop | 2 | 97 | 2 | 99 |
| Method Demonstrations | 2 | 50 | | 50 |
| Celebration of important days | 1 | 609 | 4 | 613 |
| Special day celebration | 21 | 3482 | 63 | 3545 |
| Exposure visits | 5 | 152 | 5 | 157 |
| Others (pl. specify) | 6 | 187 | 12 | 199 |
| **Total** | **209** | **106221** | **384** | **106605** |

**Details of other extension programmes**

| Particulars | Number |
|---|---|
| Electronic Media (CD./DVD) | |
| Extension Literature | 10 |
| News paper coverage | 47 |
| Popular articles | 2 |
| Radio Talks | |
| TV Talks | |
| Animal health amps (Number of animals treated) | |
| Others (pl. specify) | 4 |
| **Total** | **63** |

| Name of KVK | Message Type | Type of Messages | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Crop | Livestock | Weather | Marke-ting | Aware-ness | Other enterprise | Total |
| | Text only | 42 | 11 | 32 | 6 | 16 | 19 | 920 |
| | Voice only | | | | | | | 0 |
| | Voice & Text both | | | | | | | 0 |
| | **Total Messages** | 794 | 11 | 32 | 6 | 16 | 19 | 920 |
| | **Total farmers Benefitted** | 55000 | | | | | | |

# V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

| Number of KVKs organised Technology Week | Types of Activities | No. of Activities | Number of Participants | Related crop/livestock technology |
|---|---|---|---|---|
| | Gosthies | | | |
| | Lectures organized | | | |
| | 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 technology week | | | |

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

**Production of seeds by the KVKs**

| Crop | Name of the crop | Name of the variety | Name of the hybrid | Quantity of seed (q) | Value (Rs) | Number of farmers |
|---|---|---|---|---|---|---|
| Cereals | Wheat | DBW-107, Raj-4120 | | 48.5 | 130000 | |
| | Barley | BHS-400 | | 15.00 | 40000 | |
| | | | | | | |
| Oilseeds | Mustard | Giriraj/ RH-749 | | 8.0 | 50000 | |
| | Sesame | Pragati | | 0.8 | 50000 | |
| | | | | | | |
| Pulses | Urd | IPU2-43 | | 1.20 | 50000 | |
| | Moong | Shikha | | 1.98 | 120000 | |
| | Chickpea | RVG -202, 203 | | 80.00 | 420000 | |
| | Field pea | Aman, IPFD10-12, IPFD 4-9 | | 50.0 | 350000 | |
| | Lentil | IPL-316 | | 13.0 | 75000 | |
| | Pigeon pea | IPA-203 | | 9.0 | 72000 | |
| Vegetables | Kharif onion | Bhima red | | 0.70 | 1500 | |
| | | | | | | |
| | | | | | | |
| Flower crops | | | | | | |
| | | | | | | |
| | | | | | | |
| Spices | | | | | | |
| | | | | | | |
| | | | | | | |
| Fodder crop seeds | | | | | | |
| | | | | | | |
| | | | | | | |
| Fiber crops | | | | | | |
| | | | | | | |
| | | | | | | |
| Forest Species | | | | | | |
| | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| Others | | | | | | |
| | | | | | | |
| | | | | | | |
| **Total** | | | | | | |

**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 | Brinjal | B-5 | | 2170 | 1085 | 32 |
| | Chilli | Aruna khyati | | 2590 | 1622 | 30 |
| | Tomato | Durg | | 11744 | 7077 | 41 |
| | Cabbage | | | 680 | 350 | 21 |
| | Cauliflower | | | 730 | 500 | 16 |
| | Onion | Bheema drak red | | 2500 | 1500 | 15 |
| Fruits | Papaya | Pusa Nanha | | 340 | 4656 | 8 |
| | Karonda | | | 2 | 20 | 1 |
| | Others | | | 154 | 3036 | 15 |
| Ornamental plants | | | | | | |
| | | | | | | |
| | | | | | | |
| Medicinal and Aromatic | | | | | | |
| | | | | | | |
| | | | | | | |
| Plantation | | | | | | |
| | | | | | | |
| | | | | | | |
| Spices | | | | | | |
| | | | | | | |
| | | | | | | |
| Tuber | | | | | | |
| | | | | | | |
| | | | | | | |
| Fodder crop saplings | | | | | | |
| | | | | | | |
| | | | | | | |
| Forest Species | | | | | | |
| | | | | | | |
| | | | | | | |
| Others | | | | | | |
| | | | | | | |
| | | | | | | |
| **Total** | | | | **20910** | **19846** | **179** |

**Production of Bio-Products**

| Bio Products | Name of the bio-product | Quantity Kg | Value (Rs.) | No. of Farmers |
|---|---|---|---|---|
| Bio Fertilisers | Vermicompost | 1000 | 10000 | |
| | Nadep compos | | | |
| | AzotoBactor | | | |
| | Rhizobium | | | |
| | P.S.B. Culture | | | |
| | FYM | 1000 | 5000 | |
| | Other | | | |
| | | | | |
| Bio-pesticide | | | | |
| | | | | |
| | | | | |
| Bio-fungicide | | | | |
| | | | | |
| | | | | |
| Bio Agents | | | | |
| | | | | |
| | | | | |
| Others | | | | |
| | | | | |
| **Total** | | **2000** | **15000** | |

**Table: Production of livestock materials**

| Particulars of Live stock | Name of the breed | Number | Value (Rs.) | No. of Farmers |
|---|---|---|---|---|
| **Dairy animals** | | | | |
| Cows | | | | |
| Buffaloes | Bundelkhandi | 6 | 36000 | 2 |
| Calves | | | | |
| Others (Pl. specify) | | | | |
| | | | | |
| **Poultry** | | | | |
| Broilers | Karaknath | 100 | 5000 | |
| Layers | | | | |
| Duals (broiler and layer) | | | | |
| Japanese Quail | | | | |
| Turkey | | | | |
| Emu | | | | |
| Ducks | | | | |
| Others (Pl. specify) | | | | |
| | | | | |
| **Piggery** | | | | |
| Piglet | | | | |
| Others (Pl.specify) | | | | |
| **Fisheries** | | | | |
| Indian carp | | | | |
| Exotic carp | | | | |
| Others (Pl. specify) | | | | |
| | | | | |
| **Total** | | **106** | **41000** | **2** |

# VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

| Samples | No. of Samples | No. of Farmers | No. of Villages | Amount realized (Rs.) |
|---|---|---|---|---|
| Soil | 250 | 856 | 52 | 250 |
| Water | | | | |
| Plant | | | | |
| Manure | | | | |
| Others (pl.specify) | | | | |
| | | | | |
| **Total** | **250** | **856** | **52** | **250** |

# VIII. SCIENTIFIC ADVISORY COMMITTEE

| Name of KVK | Number of SACs conducted | Date of SAC |
|---|---|---|
| Mahoba | 1 | 20.10.2020 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

# IX. NEWSLETTER/MAGAZINE

| Name of News letter/Magazine | No. of Copies printed for distribution |
|---|---|
| Krishi Sandesh (2020) | 400 |
| | |

# X. PUBLICATIONS

| Category | Number |
|---|---|
| **Books** | |
| Technical bulletins | |
| Research Paper | 2 |
| Lead Papers | |
| Book Chapters | 2 |
| Popular Articles | |
| Newsletters | 4 |
| Technical reports | 3 |
| Others (pl. specify) | 8 |
| | |
| | |
| | |

# 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

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

Major area coverage under alternate crops/varieties

| Crops | Area (ha) | Number of beneficiaries |
|---|---|---|
| Oilseeds | | |
| Pulses | | |
| Cereals | | |
| Vegetable crops | | |
| Tuber crops | | |
| | | |
| | | |
| | | |
| **Total** | | |

Farmers-scientists interaction on livestock management

| Livestock components | Number of interactions | No.of participants |
|---|---|---|
| | | |
| | | |
| **Total** | | |

Animal health camps organised

| Number of camps | No.of animals | No.of farmers |
|---|---|---|
| | | |
| | | |
| **Total** | | |

Seed distribution in drought hit states

| Crops | Quantity (qtl) | Coverage of area (ha) | Number of farmers |
|---|---|---|---|
| | | | |
| | | | |
| **Total** | | | |

Large scale adoption of resource conservation technologies

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

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 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | |

# XIII. DETAILS ON HRD ACTIVITIES

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

| Name of the SAU | Title of the training programmes | No of programmes | No. of Participants | No. of KVKs involved |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| **Total** | | | | |

**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 |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| **Total** | | | |

## XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

***Each Zone should propose a minimum of three case studies with good action photographs (with captions on the backside of the hard copy of the photos) on the following topics***

a) ***Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise***
b) ***Performance of the end results of any one technology assessed, its refinement if any and its impact in district agriculture with respect to that crop or enterprise***
c) ***Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/ enterprise/ bio-product***

***The general format for preparing the above case studies are furnished below***

**Name of the KVK : Krishi Vigyan Kendra, Belatal, Mahoba**

**TITLE Organic Farming**

**Introduction Mr. Dwajpal Singh, village Dadri Post: Mahoba block: Panwari, district: Mahoba, a farmer who was selected for this organic farming of Tulsi, Kinnowa, Satawar,Ishapgoal, Chandrasurya and Cheeya. He was earlier involved with chemical fertilizer based farming which was not profitable because at that time input cost of farming was very high due to use of costly fertilizer and pesticides.**

**KVK intervention : KVK Mahoba tries to make them aware regarding benefits of organic farming with low input cost. That starts from land preparation to harvesting. KVK has encouraged the farmer for use**
**Output**

**Outcome**
**Impact**

# Sample KVK Case study

**NDR-8501 becoming popular in farmers' for their yielding trait: Ghazipur**
**Situation analysis/ Problem statements:-** Mr. Sanjay Singh, village Khajurgaon, Post:Indore block:Mardah, district:Ghazipur, a farmer who was selected for this demonstration. He was earlier involved with local variety of mustard Pusa Bold or Varuna. These varieties were low in yield

**Plan, Implement and Support:-** KVK Ghazipur tries to make them aware regarding scientific cultivation of mustard. That starts from land preparation to harvesting. This KVK has encouraged the farmer for soil testing and on the basis of that farmer was advised for balanced dose of chemical fertilizer with high yielding varieties Pusa Tarak. That was sown on 01-11-2016 with line sowing and fertilizer application was done with basal application in which half dose of nitrogen full dose of SSP and full dose of MOP as recommended. Rest nitrogen used after first irrigation.

**Output:-** Mr. Sanjay Singh adopted the the balanced dose of chemical, fertilizer (N:P:K:S::150:40:40:30) kg/ha in mustard crop as per suggestion of KVK's scientist for his 0.25ha land. His local yield was 3.85 qt with recommended technology. His yield increased by 33.76% with yield 5.15 qt. The economical gain in terms of per unit expenditure gross income, net return and BCR are recorded. Rs 6975, Rs. 18857, Rs. 11882 and 2.70 correspondingly.

**Outcome:-** Mustard crop is the major oilseed crop of the district. KVK Ghazipur conducted 322 demonstrations in 87 villages during 2004-05 to 2016-17 in an area of 89 ha at farmers' field with using HYV NDR-8501, Pusa Tarak and balanced dose of chemical fertilizer (N:P:K:S::150:40:40:30) kg/ha. This variety has been disseminated in 170 villages of the district in area of approximately 900ha. The outcome of this demonstration motivated the farming communities to replace their old varieties, non-descriptive varieties. Mr. Sanjay Singh is very happy on improvement in their income, livelihood and set forth example for others.

**Impact:-** Mr. Sanjay Singh is becoming one of the progressive and learned farmers for others with regards to popularization of Pusa Tarak. This technology helps him for livelihood, empowerment and make him enthusiastic regards oilseed production. He is one of the progressive farmer after a becoming a part of KVK activities and get their effectiveness for his own development. Mr. Sanjay Singh is very happy with this improved production and management technology and set forth example for other farmers of the district.

A farmers with KVK's scientist

Mustard Crop Pusa Tarak

## 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 |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

### B. Details on Farmer's visit

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

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

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

### D. Technology information provided

### D.1. Details on technology information

| 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 | Animal Husbandry and fisheries |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | **addition** | |
| 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)

| 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) | | | |

## E. Technology Products provided

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

## F. Technology services provided

| 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 | | | |
| 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**

| S. No. | Major technologies provided | Number of KVKs |
|---|---|---|
| 01 | Seeds | 3 |
| 02 | Planting materials | |
| 03 | Bio-products | |
| 04 | Livestock breed | |
| 05 | Livestock products | |
| 06 | Poultry breed | |
| 07 | Poultry products | |
| 08 | Others pl. specify | |

# 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 | 1 | 4 | 1 | 15 | 0 | 19 | 1 | 20 |
| 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 | 1 | 6 | 0 | 8 | 6 | 14 | 6 | 20 |
| | **TOTAL** | | **2** | **10** | **1** | **23** | **6** | **33** | **7** | **40** |

## 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 | |
| 2 | Reversible M.B. Plough | |
| 3 | Paddy Straw Chopper / Shradder / Mulcher | |
| 4 | Zero Till Drill | |
| 5 | Rotavator | |
| 6 | Tractor | |
| | **Total** | |

### b) IEC activities organized under CRM Project by KVKs

| S. No. | Name of IEC activity | No. of activities | No. of Participants |
|---|---|---|---|
| | Kisan Melas organized | | |
| 1. | Awareness programmes conducted at Village Panchayat/ Block/ District Level | | |
| 2. | Mobilization of schools and colleges through essay completion, painting, debate etc. | | |
| 3. | Demonstration conducted (ha) | | |
| 4. | Training Programmes conducted | | |
| 5. | Exposure visits organized | | |
| 6. | Field /harvest days organized | | |
| | **Total** | | |

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

| S. | Name of IEC activity | No. of activities |
|---|---|---|

| No. | | |
|---|---|---|
| 1. | Advertisement in Print media | |
| 2. | Column / Articles in newspaper and magazines etc. | |
| 3. | Hoarding fixed (at Mandi/ Road side/Market/ Schools/ Petrol pump/ Panchayat etc.) | |
| 4. | Poster/Banner placed | |
| 5. | Publicity material - leaflets/ pamphlets etc. distributed | |
| 6. | TV programmes/ panel discussions Doordarshan/ DD-Kisan and other private channels | |
| 7. | Wall writing | |
| | **Total** | |

| Farmer Training | | Women Farmer Training | | Rural Youths | | Extension Personnel | | Number of farmers involved | | | Participants in extension activities | Production of seed (q) | Production of Planting material (Number in lakh) | Production of Livestock strains (Number in lakh) | Production of fingerlings (Number | Testing of Soil, water, plant, manures samples |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. of Trainings/De | No. of Farmers | No. of Trainings/De | No. of Women Farmers | No. of Trainings/De | No. of Youths | No. of Trainings/De | 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 |
| 2 | 27 | 3 | 74 | 1 | 15 | | | | | | 135 | | | 0.0005 | | |

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

### 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 |
| 4 | | 4 | | 257 |

### 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 | Production of Livestock strains (Number in lakh) | Production of fingerlings (Number in lakh) | Testing of Soil, water, plant, manures |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. of Trainings/Dem | No. of Farmers | No. of Trainings/Dem | 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 | | | | | | |
| | | | | | | | | | 30 | | | | | | | |
| | | | | | | | | | | | | | | | | |

### 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 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |

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

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

### 8) Achievements of Farmers FIRST programme

| NRM Module | | Crop Module | | Horticulture Module | | Livestock & Poultry | | | IFS Model | | Ext |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Demon. | No Farm Families | Demon. | No Farm Families | Demon. | No Farm Families | Demon. | No Farm Families | No of Animals | Demon. | No Farm Families | No pr |
| | | | | | | | | | | | |

### 9) Activities performed under NARI programme

| Activities | Number of activity | No. of farmers/ 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) | 1 | 4 |
| OFTs - Other Enterprises (activity in no. of Unit/Enterprise) (activity in no. of Unit/Enterprise) | | |
| FLDs – Nutritional Garden (activity in no. of Unit) | 1 | 120 |
| FLDs – Bio-fortified Crops (activity in no. of Unit) | | |
| FLDs – Value addition (activity in no. of Unit/Enterprise) | 1 | 50 |
| FLD- Other Enterprises (activity in no. of Unit/Enterprise) (activity in no. of Unit/Enterprise) | | |
| Trainings | 16 | 396 |
| Extension Activities | 1 | 131 |

| Grand Total | 20 | 701 |
|---|---|---|

**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 | | | | | |
| Water | | | | | |
| Plant | | | | | |
| Manure | | | | | |
| **Total** | | | | | |

**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 (F/S, C/S) |
|---|---|---|---|---|---|---|
| | | | Target (q) | Area sown (ha) | Actual Production (q) | |
| Kharif | Black gram | IPU2-43 | | | 3.18 | |
| | | | | | | |
| | Green Gram | SHIKHA | | | 3.77 | |
| | Soyabean | JS-2034 | | | 50 | |
| | Pigeon pea | IPA-203 | | | 9.4 | F/S I |
| | | | | | | |
| | | | | | | |
| **Total (Kharif)** | | | | | **9.4** | |
| Rabi | Chick pea | RVG-202 | | | 213.28 | F/S I |
| | | RVG-202 | | | 41.48 | T/L |
| | | RVG-203 | | | 61.5 | F/S II |
| | Field pea | Aman | | | 169.1 | C/S |
| | | Aman | | | 14.28 | F/S I |
| | | IPFD 10-12 | | | 30 | F/S I |
| | | IPF 4-9 | | | 18.15 | F/S I |
| | Lentil | IPL-316 | | | 21.6 | T/L |
| | | IPL-316 | | | 18.47 | C/S |
| **Total (Rabi)** | | | | | **587.86** | |
| Summer | Black gram | | | | | |
| | | | | | | |
| **Total (Summer)** | | | | | | |
| **Grand Total** | | | | | **597.26** | |

**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 | 1 | 23 |
| 2 | Road, drain cleaning | 2 | 46 |
| 3 | Garbage disposal | 2 | 39 |
| 4 | Door to door awareness | 1 | 22 |
| 5 | Awareness campaign | 1 | 27 |
| 6 | Nookkad Drama | | |
| 7 | School Drama | | |
| 8 | School rally | | |
| 9 | Writing paining slogans | | |
| 10 | Composting | 3 | 53 |
| 11 | Other | 3 | 42 |
| 12 | | | |
| 13 | | | |

**19) Achievements under Aspirational District Scheme**

| Name of programme | Number |
|---|---|
| **Training** | |
| Session No. | |
| No. of farmers | |
| Officers/staff involved | |
| **Seed & Plant Distribution** | |
| Programme number | |
| Seed distribution in q | |
| No. of plant distributed | |
| Biological products distributed | |
| No. of programme organised | |
| No. of farmers | |

| | |
|---|---|
| Officers/staff involved | |
| **Animal husbandra & fish distribution programme** | |
| 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 |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

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

**----------XXXXXXX----------**