**ANNUAL REPORT (April-2016-March-2017)**

**Krishi Vigyan Kendra, Auraiya**

**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 | 74 | 1247 | 355 | 1602 |
| Rural youths | 12 | 185 | 100 | 285 |
| Extension functionaries | 10 | 237 | 89 | 326 |
| Sponsored Training | 01 | 80 | 32 | 112 |
| Vocational Training | 10 | 210 | 30 | 240 |
| **Total** | **107** | **1959** | **606** | **2565** |

1. **Frontline demonstrations**

|  |  |  |  |
| --- | --- | --- | --- |
| **Enterprise** | **No. of Farmers** | **Area (ha)** | **Units/Animals** |
| Oilseeds | 56 | 22.4 |  |
| Pulses | 125 | 50.0 |  |
| Cereals | 54 | 16.8 |  |
| Vegetables | 32 | 2.5 |  |
| Other crops (Fodder crop) | 30 | 4.0 |  |
| Hybrid crops | 0 | 0 |  |
| **Total** | **297** | **95.7** |  |
| Livestock & Fisheries | 75 | 75 |  |
| Other enterprises  ( Kitchen garden) | 30 | 30 |  |
| Other enterprises  (Storage Grain Pest) | 50 | 50 |  |
| **Total** | 155 | 155 |  |
| **Grand Total** | 352 | 95.7 ha. / 155 no. |  |

1. **Technology Assessment & Refinement**

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | **No. of Technology Assessed & Refined** | **No. of Trials** | **No. of Farmers** |
| **Technology Assessed** |  |  |  |
| Vegetable cafeteria Crops | 02 | 10 | 10 |
| Livestock | 04 | 22 | 22 |
| Various enterprises (Malnutrition) | 01 | 05 | 05 |
| Oilseed | 0 | 0 | 0 |
| Pulses | 01 | 05 | 05 |
| **Total** | 08 | 40 | 40 |
| **Technology Refined** |  |  |  |
| Crops |  |  |  |
| Livestock |  |  |  |
| Various enterprises |  |  |  |
| **Total** |  |  |  |
| **Grand Total** | **08** | **40** | **40** |

1. **Extension Programmes**

|  |  |  |
| --- | --- | --- |
| **Category** | **No. of Programmes** | **Total Participants** |
| Extension activities | 223 | 16268 |
| Other extension activities | 649 | 0 |
| **Total** | 872 | 16268 |

1. **Mobile Advisory Services**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No. of Calls** | **No. of Farmers** | **No. of Messages** | **Type of Messages** | | | | | |
| **Crop (No.)** | **Livestock** | **Weather** | **Marke-ting** | **Aware-ness** | **Other enterprise** |
|  |  |  |  |  |  |  |  |  |

1. **Seed & Planting Material Production**

|  |  |  |
| --- | --- | --- |
|  | **Quintal/Number** | **Value Rs.** |
| Seed (q) | 80.0 | 240000 |
| Planting material (No.) | 29800 | 00 |
| Bio-Products (kg) | 621 | 4972 |
| Livestock Production (No.) | 0 | 0 |
| Fishery production (No.) | 0 | 0 |

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

|  |  |  |
| --- | --- | --- |
| **Samples** | **No. of Beneficiaries** | **Value Rs.** |
| Soil | 398 |  |
| Water | 0 |  |
| Plant | 0 |  |
| **Total** | **398** |  |

1. **HRD and Publications**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Category** | **Number** |
| 1 | Workshops | 01 |
| 2 | Conferences | 01 |
| 3 | Meetings | 03 |
| 4 | Trainings for KVK officials | 10 |
| 5 | Visits of KVK officials | 01 |
| 6 | Book published | 0 |
| 7 | Training Manual | 01 |
| 8 | Book chapters | 03 |
| 9 | Research papers | 01 |
| 10 | Lead papers | 01 |
| 11 | Seminar papers | 01 |
| 12 | Extension folder | 06 |
| 13 | Proceedings | 01 |
| 14 | Award & recognition | 06 |
| 15 | Ongoing research projects | 0 |

**DETAIL REPORT OF APR**

**(April-2016 March-2017)**

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, Parwaha , Post - Dibiyapur, District- Auraiya  (U.P.) 206244 | Office  05683-290752 | - | [kvkauraiya@rediffmail.com](mailto:kvkauraiya@rediffmail.com) |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Telephone | | E mail |
| Office | FAX |  |
| Sarpanch Samaj  **New Talwandi Road,**  **Opp. Govt. Girls Sr. Sec. School**  **Zira, Distt.- Firozpur -142047 (Punjab)** | 01682-250533 | 01682-250104 | [sarpanchsamaj@gmail.com](mailto:sarpanchsamaj@gmail.com) |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Telephone / Contact | | |
| Residence | Mobile | Email |
| Dr. Anant Kumar | - | 09760940402 | [dr\_anantkumar@rediffmail.com](mailto:dr_anantkumar@rediffmail.com) |

1.4. Year of sanction: June 2007

**1.5. Staff Position (as on 31th March, 2017)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Sanctioned post | Name of the incumbent | Designation | Discipline | Pay Scale (Rs.) | Present basic (Rs.) | Date of joining | Perman-ent  /Temporary | Category (SC/ST/  OBC/  Others) | Mobile no. | Age | Email id |
| 1 | Sr. Scientist And Head | Vacant | Sr. Scientist And Head | - | 37000-67000  GP-9000 | - | - | - | - | - | - | - |
| 2 | Subject Matter  Specialist | Dr. Anant Kumar | I/C Sr.Sci.&Head & S.M.S  (Agrl. Extension) /T6 | Ag. Extension | 15,600 -39,100  GP-5400 | 25090.00 | 29.09.2010 | Permanent | OBC | 9410852089 | 42Y, 4M, 26 D | [dr\_anantkumar@rediffmail.com](mailto:dr_anantkumar@rediffmail.com) |
| 3 | Subject Matter  Specialist | Dr. Sandip Kumar Singh | S.M.S (Agronomy) /T6 | Agronomy | 15,600 -39,100  GP-5400 | 26630.00 | 18.03.2008 | Permanent | General | 9453721026 | 38Y, 8M, 21D | [Sandipsingh11@rediffmail.com](mailto:Sandipsingh11@rediffmail.com) |
| 4 | Subject Matter  Specialist | Sh. Brij Vikash Singh | S.M.S  (Animal Science) /T6 | Animal Science | 15,600 -39,100  GP-5400 | 26630.00 | 24.03.2008 | Permanent | General | 9045432191 | 34Y, 02M, 9D | [brijvikas@gmail.com](mailto:brijvikas@gmail.com) |
| 5 | Subject Matter  Specialist | Dr. Indra Pal Singh | S.M.S (Horticulture) /T6 | Horticulture | 15,600 -39,100  GP-5400 | 26630.00 | 01.10.2008 | Permanent | OBC | 9412185577 | 44Y, 3M, 11D | [ipsingh19@rediffmail.com](mailto:ipsingh19@rediffmail.com) |
| 6 | Subject Matter  Specialist | Vacant | S.M.S.  (Plant Protection) | Plant Protection | 15,600 -39,100  GP-5400 | - | - | - | - | - | - | - |
| 7 | Subject Matter  Specialist | Dr. Phool Kumari | S.M.S (Home Science) /T6 | Home Science | 15,600 -39,100  GP-5400 | 25090.00 | 27.09.2010 | Permanent | OBC | 9453286840 | 36Y, 9M, 16D | [phool\_15@rediffmail.com](mailto:phool_15@rediffmail.com) |
| 8 | Accountant / Superintendent | Sh. Jaswant Singh | Office Superintendent- cum- Accountant /T4 | Account | 9,300 – 34,800  GP-4200 | 17140.00 | 10.03.2008 | Permanent | General | 9897915332 | 38Y, 06D | [js4singh@gmail.com](mailto:js4singh@gmail.com) |
| 9 | Computer  Programmer | Sh. Upendra Kumar Singh | Programme Assistant (Computer) /T4 | Computer | 9,300 – 34,800  GP-4200 | 17140.00 | 15.03.2008 | Permanent | General | 9453884628 | 33Y, 03M  01 D | [upendrakvk@gmail.com](mailto:upendrakvk@gmail.com) |
| 10 | Farm Manager | Sh. Kamalesh Kumar Singh | Farm Manager /T4 | Ag. Economics | 9,300 – 34,800  GP-4200 | 17140.00 | 19.03.2008 | Permanent | General | 9412853074 | 55Y, 01M | [kksinghkvk@rediffmail.com](mailto:kksinghkvk@rediffmail.com) |
| 11 | Programme Assistant | Ankur Jha | Programme Assistant (Lab Technician) / T-4 | Plant Pathology. | 9,300 – 34,800  GP-4200 | 13910.00 | 22.09.2015 | Permanent | OBC | 9889442991 | 28 Y2 Month 27 Day | [Jhaankur111@gmail.com](mailto:Jhaankur111@gmail.com) |
| 12 | Stenographer | Vacant | Jr. Stenographer /T3 | - | 5,200 – 20,200  GP-2400 | - | - | - | - | - | - | - |
| 13 | Driver | Sh. Narendra Kumar Pal | Driver (Jeep) /T1 | - | 5,200 – 20,200  GP-2000 | 10720.00 | 10.06.2008 | Permanent | OBC | 9412853073 | 45Y, 8M, 5D | [nkpalkvk@gmail.com](mailto:nkpalkvk@gmail.com) |
| 14 | Driver | Amrit Pal Singh | Driver (Tractor) /T1 | - | Rs.14000/Month Fixed | 14000.00/Month Fixed | 07.08.2015 | Contact Basis | General | 9536696715 | 22Y2 Month,22 Days | [amritpalkvk@gmail.com](mailto:amritpalkvk@gmail.com) |
| 15 | Supporting staff | Sh. Kuldeep Singh | Supporting staff | - | 5,200 – 20,200  GP-1800 | 8900.00 | 14.03.2008 | Permanent | H.C./ OBC | 8954038477 | 40Y, 4M, 6D | [ksyadav1976@gmail.com](mailto:ksyadav1976@gmail.com) |
| 16 | Supporting staff | Vacant | Supporting staff | - | 5200 – 20200  GP-1800 | - | - | - | - | - | - | - |

1.6. Total land with KVK (in ha) : 6.50 ha`

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Item** | **Area (ha)** |
| 1 | Under Buildings | 1.90 |
| 2. | Under Demonstration Units | 208M2 |
| 3. | Under Crops | 3.82 |
| 4. | Orchard/Agro-forestry | 0.25 |
| 5. | Others | 0.53 |

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 | 2010-11 | 549.10 | 54,82,000/- | - | - | - |
| 2. | Farmers Hostel | ICAR | 2010-11 | 304.70 | 30,31,500/- | - | - | - |
| 3. | Staff Quarters (6) | - |  | - | - | - | - | - |
| 4. | Demonstration Units (2)  1. Goat unit  2. Planting material | ICAR  ICAR | 2012 | 208.0 | 8,25,000/- | - | - | - |
| 5 | Fencing | - | - | - | - | - | - | - |
| 6 | Rain Water harvesting system | - | - | - | - | - | - | - |
| 7 | Threshing floor | - | - | - | - | - | - | - |
| 8 | Farm godown | - | - | - | - | - | - | - |

B) Vehicles

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type of vehicle** | **Year of purchase** | **Cost (Rs.)** | **Total kms. Run**  31 March 2017 | **Present status** |
| Tractor – Farm Trac- 60 DLX ADI Tractors, 3Cyl. 50 HP | March 2008 | 4,70,000 | 182 Hr. (1April, 2016  to 31 March, 17 | Working |
| Motor Cycle – Hero Honda Splender plus | May 2008 | 46584.00 | - | Theft |
| Motor Cycle- Hero Honda Super Splender | March 2009 | 48416.00 | 60350 | Working |
| Jeep Bolero- BOL SLX MDI –TC 2WD NGT BS2 7STR RP HC PW | March 2009 | 599947.00 | 114223 | Working |

C) Equipments & AV aids

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the equipment** | **Year of purchase** | **Cost (Rs.)** | **Present status** |
| Trolly | 2008 | 30,000 | Working |
| Computer with Accessories | 2008 | 50,800 | Working |
| Fax Machine | 2008 | 9,984 | Working |
| Generator | 2008 | 48,900 | Working |
| Digital Camera (Sony) | 2008 | 14,900 | Working |
| Computer 2 | 2009 | - | Working |
| Generator | 2017 | 5,00000 | Working |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S. No. | Date | Name and Designation of Participants | Salient Recommendations | Action taken |
| 1. | 20/09/2016 | Dr. Shantanu Kumar Dubey  Principal Scientist ICAR-, ATARI, Kanpur | * Establish Museum at Krishi Vigyan Kendra, Parwaha , Auraiya responsible SMS (Ag. Extension ) and SMS ( Home Science) * Organize training on Swacch Bharat Abhiyan , PMO, and others krishi Vigyan Kendra activities collaboration with Agri. Deptt.) * Provide technical knowledge to farmers along with weather forecast through News paper. * To Conduct the training programme on Paddy cultivation through SRI and Wheat through SWI * Promotion of Mustard variety RH-749 in Auraiya District | * To be establish Ag.. Museum at Krishi Vigyan Kendra, Parwaha , Auraiya responsible SMS (Ag. Extension ) and SMS ( Home Science coming soon * Organized training on Swacch Bharat Abhiyan , PMO, and others krishi Vigyan Kendra activities collaboration with Agri. Deptt.) * Provided technical knowledge to farmers along with weather forecast through News paper. * Conducted the training programme on Paddy cultivation through SRI and Wheat through SWI * Promoted of Mustard variety RH-749 in Auraiya District during 2016-17. |
| 2. |  |  | * Interlink the new farmers to the market * Field day the Gladiolus to invite DHO * To invite the Ex trainees in training progammes * To provide Horticulture crops data production & productivity * Seed production of carrot * To replace the chilli variety Niharka * To provide newly variety Gladiolus Govt Institutions /SAUs. * Timely Sowing of carrot variety Pusa Vasudha in OFT * To prepare production TPS Technology * Crop regulation on Guava in FLD & training programme * Use of Low tunnel poly house technology in Nursery.      * Group cultivation of vegetable crops | * (Azad Mandi, New Delhi, Bodshahinaka Kanpur& Flower) Madi Shiwala Kanpur   Linkages for marketing are managed to increase the income of the farmers)   * Gladiolus cultivation under the area of expansion, these is on provision field day but field visit DD (ATAMA), District-Auraiya officer and District-Horticulture Inspector Sh. Dhrmendra Kumar etc. Gladiolus farmers Awarded by 23 December (Kisan Samman Diwas) in Rs. 7000/- and certificate. By District Magistrate. * Invited ex trainees in the training programmes * To the provided of horticulture crop production & productivity in the training programmes progress report and deferent stages as per the requirements of programmes. * Organised the seed production programmes carrot . on the village of Raipur & Hameerpur, Block-Achalda etc. * Replaced the chilli variety Niharka through the meeting of farmers in the selected village. * Try to Govt sector variety under area expansion programme * The timely sowing carrot variety Pusa Vasudha under OFT programme village Kachhpura & Chichauamau * To the organised training programmes at farmers field for awareness * The organised of the training programmes & farmers field at village-Ranipur, Bhagyanagar * The awareness programmes organised to farmers field for low tunnel poly house nursery growing area. * The group cultivation of vegetables village on Gare ka purwa, Kachhpra & Jawahar pur, Block-Sahar |
| 4. |  |  | * Work in milk market for higher income for dairy farmer * To conduct the FLD and OFT on Same Breed * To conduct the FLD and OFT for newly released technology by research institute | * Worked on milk market for higher income the dairy by AMUL and Namste India in two Village. * Cconducted the FLD and OFT on Same Breed during 2016-17 * Conducted the FLD and OFT for newly released technology by research institute during 2016-17 |
| * To motivate rural youth to prepare Improved Sickle in local market for self employment generation * To meet the RUDSETI for self employment generation * Work on SHGs of NABARD and provide training to SHGs * Economic analysis of OFT on Backyard Poultry management * Do not design OFT or FLD on Value addition * Design OFT on Malnutrition at least 180 days. If fund is short then demand the ICAR-ATARI, Kanpur | * KVK Auraiya motivated rural youth through Trainings and Kisan Gosthies to prepare Improved Sickle in local market for self employment generation * KVK Auraiya meeted Incharge RUDSETI self employment generation to rural youth. * Discussed with DDM NABARD and planning for work on SHGs of NABARD and provide training to SHGs * KVK Auraiya completed OFT (2015-16) on Backyard Poultry management with economic analysis . * As per discussion in SAC Meeting were not design any OFT or FLD on Value addition * Conducting OFT on Malnutrition for 180 days from 30.12.2016. |
| 3 |  | Sh. Sumit Patel DAO, Auraiya | * Work on control of wild animals * Start WhatsApp Linkage of Agr. Officer & Farmers of KVK Activities | * Conducted awareness programme for control of wild animal * Started WhatsApp Linkage of Agr. Officer & Farmers of KVK Activities |
| 4 |  | Sh. Chandan Kumar DDM NABARD, Etawah | * Work in Integrated approach in agriculture | * Worked in Integrated approach in agriculture |

***Llist of participants in SAC***

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No.** | **Name of SAC Member** | **Designation** | **Address** |
| 1. | Sri Gur Sewak Singh Dhillon | Chairman, Sarpanch Samaj Krishi Vigyan Kendra , Auraiya | Sarpanch Samaj Krishi Vigyan Kendra , Auraiya |
| 2. | Dr. S.K Dubey | Principal Scientist | ICAR-ATARI, Kanpur |
| 3. | Sh. Chandan Kumar | DDM , NABARD | Etawah |
| 4 | Harpal Singh | Member Sarpanch Samaj | Auraiya |
| 4. | Sh. Sumit Patel | DAO, | DAO, Auraiya |
| 5. | Sh. S.K. Sharma | Deputy PD, ATMA, | ATMA, Auraiya |
| 6 | Dr. Deepak Singh | Deputy CVO | Auraiya |
| 7 | Dr. Dharmendra Chauhan | Assistant Professor | JMV, Ajitmal |
| 8 | Dr. Umesh Dubey | Assistant Professor | JMV, Ajitmal |
| 9 | Sh. Rana Pratap Singh | Progressive Farmer | Singan Pur |
| 10 | Sh. Chandra Bhan Singh | Progressive Farmer | Saraiya |
| 11 | Smt. Pinki Pal | Progressive Farm Women | Parwaha |
| 12 | Smt Anupam | Progressive Farm Women | Kutubpur |
| 13 | Dr. Anant Kumar | Member Secretary/  I/C Senior Scientist and Head | Sarpanch Samaj Krishi Vigyan Kendra , Auraiya |

**2. DETAILS OF DISTRICT (2016-17)**

**General census and Agricultural and allied census**

Auraiya district situated in central Uttar Pradesh. The creation took place on Sept. 17, 1997. The District constituted with 3 Tehsil (Auraiya, Ajimal & Bidhuna) and 7 Blocks (Arwakatra, Bidhuna, Achhalda, Sahar, Ajitmal, Bhagya Nagar and Auraiya). KVK established in June 2007 at Parwaha village in Bhagya Nagar block of Auraiya District.

District Auraiya is located in the central plain zone (zone V) of Uttar Pradesh on Kanpur – Etawah Highway (NH-2). It is bounded on the north by the district of Kannauj; western border adjoins Tehsil - Bharthana of Etawah district and the Gwalior. The east frontier marches with the district of Kanpur Dehat and along the south lie Jalaun. The district lies between 26.210 to 27.010 north latitude and 78.450 to 79.450 east longitude and forms a part of the Kanpur division. The total areas of the District Auraiya is 2054 km2 and support the population of 1.179 million people as well more than 6.80 lakhs of the livestock. The soils of District are clay, loam, sandy loam and sandy. The soils broadly affected by salinity, sodicity and ravines. In low laying beds of clay the water is collect during the rains and rice crop can be grown easily in these areas. The average annual rainfall in district is about 792 mm. The temperature varies from 30C to 460C.

Based on SREP report, groups approach survey, soil, topography extent & feasibility of irrigation and cropping pattern, the District can be divided in to 4 agro ecological situations.

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Name of AES** | **Name of Representative Village** | **Name of Block Covered** |
| 1. | AES – I | Madhapur | i. Auraiya  ii. Ajitmal |
| 2. | AES – II | Naglapathak | i. Bhagyanagar  ii. Sahar |
| 3. | AES – III | Udaipur | i. Arwakatra  ii. Bidhuna |
| 4. | AES – IV | Aunto | i. Achhalda |

**Important features of District farming system.**

1. Agriculture is a prime sector of District. The main crops of district are Paddy, wheat,

Bajra, pulses crop and mustard in all AES.

1. In the district horticulture is also important feature, in this enterprise mango, aonla,

guava, papaya, potato tomato, garlic & petha are important crops

1. Cow, buffaloes and goat are main milch of district.

**Profile of the District**

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Particulars** | **Details** |
| 1. | Geographical area (km2) | 2016 |
| 2. | Population as per 2011 census  Male  Female | **13,79,545**  7,40,040  6,39,505 |
| 3. | Population Density (km2) | 684 |
| 4. | Sex Ratio (2011) | 856 |
| 5. | Decades population growth rate | 16.91 |
| 6. | Literacy rate (%)  Male  Female | 78.95  86.11  70.61 |
| 7. | No of Tehsil | 03 |
| 8. | No. of Developmental blocks | 07 |
| 9. | No. of Nayay Panchayats | 75 |
| 10. | No. of Gram Panchayats | 441 |
| 11. | No. of village  No. of habitant villages  No. of inhabitant villages | 841  776  65 |
| 12. | No. of Veterinary hospitals | 12 |
| 13. | No. of Artificial insemination centres | 21 |
| 14. | No. of primary health centres | 06 |
| 15. | **Agriculture**  Net cultivated area (ha)  Area sown more then once (ha)  Net irrigated area (ha) | 1,41,218  76,349  1,10,275 |
| 16. | Agriculture production (mt.) (2005-06)  Food grain (mt.)  Sugarcane (mt.)  Oilseeds (mt.)  Potato (mt.) | 21699.96  5676.5  1739.5  11731.12  84641 |
| 17. | **Weather**  Annual Rainfall (mm)  Temperature ( 0C )  Minimum  Maximum | 819.00  2.2  44.4 |
| 18. | Average size of land holding (ha) | 0.84 |
| 19. | Cropping intensity (%) | 164 |

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

|  |  |
| --- | --- |
| S. No | Farming system/enterprise |
| 1.  2.  3.  4.  5.  6.  7. | Paddy-wheat –fallow  Bajra-wheat-fallow  Maize- toria- wheat- Fallow  Paddy-wheat-dhaincha, Paddy-wheat-moong  Okra-vegetable pea-colocasia/cucurbits  Paddy-wheat –Fodder jowar  Paddy-Barseem- |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Agro-climatic Zone | Characteristics | Agro-ecological situation | Characteristics |
| Central Plain Zone (Zone-IV) | - | Tremendous flooded during the rainy seasons and miseries to the human and animal population. | - |

2.3 Soil type

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Soil type | Characteristics | Area (ha) |
| 1.  2.  3.  4.  5. | Clay  Clay loam  Loam  Sandy loam  Sandy | The soils are broadly affected by salinity, sodicity and ravines. Besides these are found every where low-lying beds of clay in which water collects during the rains and rice can be grown. | 141218 |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S. No | Crop | Area (ha) | Production (‘00’ mt) | Productivity (q/ha) |
| 1.  2.  3.  4.  5.  6. | Paddy  Wheat  Bajra  Gram  Mustard  Sugarcane | 6100  6300  6400  5000  6100  1000 | 14792  14584  8000  5000  5490  - | 27.69  24.75  12.50  10.00  9.00  567.65 |

**2.5 Weather data**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Month | Rainfall (mm) | Temperature 0 C | | Relative Humidity (%) |
|  |  | Maximum | Minimum |  |
| April, 2016 | 00 | 41 | 23 |  |
| May, 2016 | 26 | 39 | 25 |  |
| June, 2016 | 74 | 38 | 27 |  |
| July, 2016 | 192 | 33 | 25 |  |
| August, 2016 | 292 | 33 | 25 |  |
| September, 2016 | 81 | 36 | 24 |  |
| October, 2016 | 33 | 34 | 19 |  |
| November, 2016 | 00 | 29 | 12 |  |
| December, 2016 | 15 | 24 | 09 |  |
| January, 2017 | 18 | 22 | 08 |  |
| February, 2017 | 00 | 27 | 11 |  |
| March, , 2017 | 10 | 33 | 15 |  |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | **Population** | **Production** | **Productivity/ Animal** |
| **Cattle** | | | |
| *Crossbred* | 9771 | 4.935 (000Mt.) | 6.03 Lt. |
| *Indigenous* | 78282 | 17.584(000Mt.) | 2.076 Lt. |
| **Buffalo** | 232799 | 95.175(000Mt.) | 3.675 Lt. |
|  | | | |
| **Sheep** | 16276 | 7.009 (000Kg. wool) | 1.05 Kg. wool |
| **Goats** | 245794 | 16.446(000Mt.) | 0.703 Lt. |
| **Pigs** | 9715 |  |  |
| **Rabbits** | **240** |  |  |
| **Poultry** 45511 - - | | | |

**2.7 Details of Operational area / Villages (2016-17)**

| Sl.No. | Taluk | Name of the block | Name of the village | Major crops & enterprises | Major problem identified | Identified Thrust Areas |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Auraiya | Bhagya Nagar | Parwaha, Keshampur, Ban ke purwa, Banarpur, Gujaripur, Haziyapur, Aruchi ka purwa, Jamuha, Kainjari, Lakhnpur, Vasundhara, Khanpur Phaphund Dehat, Kakor, Parghaipur, Taiyabpur, Singanpur, Kutubpur, Jasa ka Purwa, Chandrapur, Kutharra, , Gade ka purwa, Ray singh ka purwa, Samadhan ka purwa, Juaa., Bahadupur, Makhanpur, Sabupur, Fatepur Laxmi, Sahdullapur, Bharrapur, | Paddy, Wheat, Maize, Jowar, Mung, Urd, Mustard, Gram, Vegetables, Guava, Animal Husbandary | Low crop productivity    Low yield of milk, Non- descript Animal | Soil reclamation, Suitable cropping system, IPM & IPNM technology, Salt tolerant varieties, Introduction high yielding varieties, A.I., Deworming, Timely vaccination, Balance ration, Entrepreneurship for rural youth |
| 2 | Auraiya | Auraiya | Chithauli, Dhamseni, Budadan, Jaura. | Paddy, Wheat, Maize, Jwar, Vegetables, Animal Husbandary | Low crop productivity    Low yield of milk, Non- descript Animal | Soil reclamation, Suitable cropping system, IPM & IPNM technology, Salt tolerant varieties, Introduce HYV, A.I., Deworming, Timely vaccination, Balance ration Entrepreneurship for rural youth |
| 3 | Auraiya | Ajitmal | Navalpur, Ballapur, Durjanpurawa, Bhikhepur, Ratnipur.  Juhikhan  Rampura | Paddy, Wheat, Maize, Jowor, Mung, Urd, Mustard Vegetables, Animal Husbandary | Low crop productivity    Low yield of milk, Non- descript Animal | Soil reclamation, Suitable cropping system, IPM & IPNM technology, Salt tolerant varieties, Introduce high yielding varieties A.I., Deworming, Timely vaccination, Balance rations Entrepreneurship for rural youth. |
| 4 | Bidhuna | Sahar | Jawaharpur, Lachiamau, Kanmau, Murlipurva, karaunda,  Ghasa ka purwa, Kasaha, Purwa Fakire. Aseni, Parsad purwa, | Paddy, Wheat, Maize, Jowor, Mung, Urd, Mustard Vegetables, Animal Husbandry | Low crop productivity    Low yield of milk, Non- descript Animal | Soil reclamation, Suitable cropping system, IPM & IPNM technology, Salt tolerant varieties, Introduce high yielding varieties A.I., Deworming, Timely vaccination, Balance rations Entrepreneurship for rural youth. |
| 5 | Bidhuna | Acchalda | Pata, Kachpura, Kamara, Ramgarh, Hamirpur, Hajiyapur, Merakhpur  Dakhnai | Paddy, Wheat, Maize, Jowor, Mung, Urd, Mustard Vegetables, Animal Husbandry | Low crop productivity    Low yield of milk, Non- descript Animal | Soil reclamation, Suitable cropping system, IPM & IPNM technology, Salt tolerant varieties, Introduce high yielding varieties A.I., Deworming, Timely vaccination, Balance rations Entrepreneurship for rural youth. |

2.8 Priority/thrust areas

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Crop**  **/Enterprises** | **Thrust area** |
| 1. | All crops | Reclamation of sodic soil and conservation of soil through integrated approach. |
| 2. | Rain water harvesting | Watershed development due to ravines and undulating land |
| 3. | All crops | Disease and pest management through IPM. |
| 4. | Organic farming | Nutrient management and quality food production through IPNM, SSNM and organic farming. |
| 5. | All crops | Introduction of suitable salt tolerant and high yielding varieties of rice, wheat, barley, mustard, maize, bajra, jowar, oilseed, pulses, vegetables, fruits etc. |
| 6. | Cropping system | Introduction of suitable cropping system for different AES. |
| 7. | Wheat | Promotion of zero tillage technology for sowing of wheat. |
| 8. | Vegetable & Flowers | Promotion of scientific technologies for vegetable & flower production. |
| 9. | Fodder production | To promote green fodder production round the year for livestock. |
| 10 | Fisheries | Fish farming in low lying areas and unutilized ponds with integrated approach. |
| 11. | SHG”s | Formation of self help groups (SHGs), Mahila mandals & kisan club. |
| 12. | Entrepreneurship | To develop opportunities for rural youth in agriculture based employment i.e. Vermi composting, Fish farming, Mushroom production, Beekeeping, Seed production, Vegetable and fruit nursery production etc. |
| 13. | Entrepreneurship | To develop women’s technical awareness skills-preparation of Jam, Jelly, Pickles, Candle making and stitching. |
| 14. | Vaccination | Vaccination and deworming of animals. |
| 15. | Resource conservation | To create awareness about drudgery reducing implement during farm activities. |
| 16. | Milk production | Promotion of balance ration for higher milk production. |

**3. TECHNICAL ACHIEVEMENTS**

**A. Details of target and achievements of mandatory activities by KVK during 2016-17**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **OFT (Technology Assessment and Refinement)** | | | | **FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)** | | | |
| **1** | | | | **2** | | | |
| **Number of OFTs** | | **Total no. of Trials** | | **Area in ha./ No.** | | **Number of Farmers** | |
| **Targets** | **Achievement** | **Targets** | **Achievement** | **Targets** | **Achievement** | **Targets** | **Achievement** |
| **10** | **8** | **59** | **40** | **92.0** | **95.2 ha. / 155 No.** | **435** | **452** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | 73 | 74 | 1470 | 1602 | 305 | 684 | 11535 | 16176 |
| Rural youth | 23 | 12 | 443 | 285 |  |  |  |  |
| Extn.  Functionaries | 20 | 10 | 515 | 326 |  |  |  |  |
| **Total** | **116** | **96** | **2428** | **2213** | **305** | **872** | **11535** | **16268** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seed Production (Qtl.)** | | | **Planting material (Nos.)** | | |
| **5** | | | **6** | | |
| **Target** | **Achievement** | **Distributed to no. of farmers** | **Target** | **Achievement** | **Distributed to no. of farmers** |
| 200 | 80 |  | 20000 | 29800 | 35 |

# I.A TECHNOLOGY ASSESSMENT

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Thematic areas** | **Crop** | **Name of the technology refined** | **No. of trials** | **No. of farmer** |
| Integrated Nutrient Management |  |  |  |  |
|  |  |  |  |
| Varietal Evaluation | Pigeon pea | Assessment of improved varieties of Pigeon pea | 3 | 5 |
| Carrot | Assessment of improved varieties of Carrot | 2 | 5 |
|  | Tomato | Assessment of improved varieties of Tomato | 2 | 5 |
|  | Barseem | Assessment of improved varieties of Barseem. | 3 | 5 |
| Integrated Pest Management |  |  |  |  |
|  |  |  |  |
| Integrated Crop Management |  |  |  |  |
|  |  |  |  |
| Integrated Disease Management |  |  |  |  |
|  |  |  |  |
| Weed Management |  |  |  |  |
|  |  |  |  |
| Resource Conservation Technology |  |  |  |  |
|  |  |  |  |
| Integrated Farming System |  |  |  |  |
|  |  |  |  |
| Seed / Plant production |  |  |  |  |
|  |  |  |  |
| Value addition |  |  |  |  |
|  |  |  |  |
| Drudgery Reduction |  |  |  |  |
|  |  |  |  |
| Storage Technique | Wheat |  | 2 | 50 |
|  |  |  |  |
| Others (Pl. specify)  Malnutrition |  | Assessment of different locally available value added product for control of malnutrition. | 02 | 05 |
| **Total** | | |  |  |

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

**Ffgv f8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 | Goat | Performance of urea mineral molasses bloc for increase growth rate of Goat | 05 | 05 |
| 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** |
| Back yard Poultry | Income Generation | Evaluation of Suitable breed for higher egg Production through backyard poultry | 02 | 05 |
| Income Generation | Evaluation of Suitable breed for higher egg Production through backyard poultry | 02 | 07 |
|  |  | **Total** | **04** | **12** |

# 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 farmer** |
| Integrated Nutrient Management |  |  |  |  |
|  |  |  |  |
| Varietal Evaluation |  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Integrated Pest Management |  |  |  |  |
|  |  |  |  |
| Integrated Crop Management |  |  |  |  |
|  |  |  |  |
| Integrated Disease Management |  |  |  |  |
|  |  |  |  |
| Weed Management |  |  |  |  |
|  |  |  |  |
| Resource Conservation Technology |  |  |  |  |
|  |  |  |  |
| Integrated Farming System |  |  |  |  |
|  |  |  |  |
| Seed / Plant production |  |  |  |  |
|  |  |  |  |
| Value addition |  |  |  |  |
|  |  |  |  |
| Drudgery Reduction |  |  |  |  |
|  |  |  |  |
| Others (Pl. specify)  Malnutrition |  |  |  |  |
| **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** |
|  |  |  |  |  |
|  |  |  |  |  |
| **Total** |  |  |  |  |

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

**THEMATIC AREA: Varietal evaluation**

**Varietal Evaluation**

**Problem definition:** Low yield of Pigeon pea

**Technology Assessed:** Assessment of improved varieties of Pigeon pea

Krishi Vigyan Kendra, Parwaha, Auraiya conducted On Farm Trial on Assessment of three varieties of Pigeon pea namely NA-2 and Malviya -13 as compared with local variety NA-1. The Malviya -13 performed higher yield 0.1531 t/ha as compared with NA-2( 0.1402 t/ha) and locally farmers practice NA-1 (0.1331 t/ha)

***Table:- Performance of Pigeon pea variety***.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Technology Option** | **No. of trials** | **Yield (t/ha)** | **Net Returns**  **(Rs Lakh./ha)** | **B :C Ratio** |
| T1 NA-1 | 05 | 1.331 | 0.28998 | 2.20 |
| T2 NA-2 | 1.402 | 0.30680 | 2.21 |
| T3 MAL-13 | 1.531 | 0.35848 | 2.41 |

**Varietal Evaluation**

**Problem definition:** Low yield of Tomato

**Technology Assessed:** Assessment of improved varieties of Tomato

Krishi Vigyan Kendra, Parwaha, Auraiya conducted On Farm Trial on Assessment of varieties of Tomato namely Hybrid -4 as compared with local variety Navodaya. The Pusa Hybrid -4 performed higher yield 43.24 t/ha as compared with locally farmers practice Navodaya ( 38.86 t/ha) .

***Table:- Performance of Tomato variety***.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Technology Option** | **No. of trials** | **Yield (t/ha)** | **Net Returns**  **(Rs Lakh./ha)** | **B :C Ratio** |
| T1 Farmers practice (Navodaya) | 05 | 38.86 | 0.83820 | 1.92 |
| T2 Pusha Hybrid -4 | 43.24 | 1.02527 | 2.11 |

**Varietal Evaluation**

**Problem definition:** Low yield of Carrot

**Technology Assessed:** Assessment of improved varieties of Carrot

Krishi Vigyan Kendra, Parwaha, Auraiya conducted On Farm Trial on Assessment of varieties of Carrot namely Pusa Vashudha as compared with local variety Sharbati. The Pusa Vashudha performed higher yield 43.24 t/ha as compared with locally farmers practice Navodaya( 38.86 t/ha) .

***Table:- Performance of Carrot variety***.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Technology Option** | **No. of trials** | **Yield (t/ha)** | **Net Returns**  **(Rs Lakh./ha)** | **B :C Ratio** |
| T1 Farmers practice (Sharbati) | 05 | 24.32 | 1.26540 | 2.87 |
| T2 Pusha Vashudha | 28.36 | 1.69290 | 3.37 |

**Varietal Evaluation**

**Name of crop: - Barseem**

**Problem Definition: - Low yield of fodder production of Barseem**

**Technology Assessed** - Evaluation of improved varieties of Barseem

Krishi Vigyan Kendra, Parwaha, Auraiya conducted On Farm Trial on Assessment of three varieties of Barseem namely BB-3 and Vardan as compared with local variety Miskarvi (Farmers Practice) . The BB-3 performed higher fodder production yield 97.8 t/ha as compared with Vardan ( 72.8 t/ha) and locally farmers practice ( 62.0 t/ha)

**Table-** ***Performance of Berseem through high yielding fodder variety.***.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Technology Option** | **No. of trials** | **Yield (t/ha)** | **Net Returns (Rs./ha)** | **B :C Ratio** |
| T1 Farmers practice | 05 | 62.0 | 0.15600 | 1.45:1 |
| T2 Vardan | 72.8 | 0.29640 | 1.84:1 |
| T3 BB-3 | 97.8 | 0.43240 | 2.23:1 |

**Livestock Enterprises**

**Name of Animal: -**  **Goat**

**Title of OFT: - Performance of urea mineral molasses block for increase growth rate of Goat**

**Problem Definition: -** **Low growth rate of goat due to mineral deficiency**

KVK, Auraiya conducted an On Farm Trial on Performance of urea mineral molasses bloc for increase growth rate of Goat T1- Farmers Practice (Grazing Only) and T2- Grazing and UMM Block (Recommended by IVRI Barely) Result are awaited of this OFT (OFT Started in March 2017)

**Table: Impact of UMM Blocks in Goat feeding**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Technology Option** | **No. of trials** | **% growth increased** | **Cost of Cultivation** | **Gross Return (Rs)** | **Net Return (Rs)** | **B:C Ratio** |
| T1 Farmer practices only Grazing | 05 | Result awaited | | | | |
| T2 Grazing and UMM Blocks |

**Backyard Poultry Management for Income Generation**

**Problem**: Low egg production due to local breed of poultry

**Title of OFT:** Assessment of Suitable breed for higher egg Production through backyard poultry

**Potential solution:** TO provide **CARI Priya** from **CARI, Izzatnagar** for higher egg Production

Krishi Vigyan Kendra Parwaha Auraiya conducted an OFT on Backyard Poultry Management for Income generation at household level in rural families. Under this programme 5 Farm women who were rearing local breed were selected from Parwaha, Kutubpur and Fateh Singh ka Purwa, Bhagyanagar, Auraiya and provided 20 Chicks (CARI Priya) to each farm women. It was found that the CARI Priya breed stared laying of egg after 140-145 days old at regular whereas local Breed were started laying of egg after 180 days at 15 -18 days intervals. It was found that the CARI Priya breed lays **205 eggs/** hen in nine months whereas local Breed were lays **70 eggs/** hen in nine month. It was also found that the net return in CARI Priya is Rs. 3689/- whereas local breed Rs. 1974/ per Unit.

**Evaluation of Suitable breeds for higher egg Production through Backyard Poultry**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Treatment** | **No. of Farmers** | **No. of Chicks given/ farmers** | **Mortality rate (%)** | **Average live chicks (Productive Unit Size)** | **Average Weight of Chicks ( gm)** | | | | | **Average egg lays/ chicks**  **(9 months)** | **Average egg lays/ Unit**  **(9 months** | **Weight of Egg**  **(gms)** | **Production cost/ Unit**  **( Rs.)** | **Total Returns ( Rs.)** | **Net Returns**  **(Rs.)** | **BCR** |
| **After 2 week** | **After 7 week** | **After 12 week** | **After 15 week** | **After 20 week** |
| T1 | 05 | - | 50 | 12 | 150 | 1030 | 1225 | 1570 | 1723 | 70 | 840 | 75-79 | 6426 | 8400 | 1974 | 1.30 |
| T2 | 05 | 20 | 37 | 12 | 90 | 854 | 1045 | 1325 | 1506 | 205 | 2023 | 45-58 | 6426 | 10115 | 3689 | 1.59 |

**Note: Production cost : 1.5 kg/Chicks/ Month @20/ Kg.**

**Rate of egg: Local Breed Rs. 10/ Egg, CARI Priya: Rs.5-7/ Egg.**

**2. Management of Malnutrition in Pre-school children of rural areas**

**Problem:** Malnutrition in Pre-school children of rural areas.

**Title :** Assessment of effectiveness of nutritional practices for correcting malnutrition

**Potential Solution :** To provide locally available protein & iron rich food products.

Krishi Vigyan Kendra Parwaha Auraiya conducted an OFT on Malnutrition in Pre-school children of rural areas Assessment of effectiveness of nutritional practices for correcting malnutrition in rural families. Under this programme 5 Malnourished Pre-school children were selected from Kutubpur, Bhagyanagar, Auraiya and provide 100gm soya based Poshak Laddu / Child / Day from dated 30/12/2016

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Treatment** | **No. of Children** | **Details of technologies** | **Performance Parameters** | | | | | |
| **Children Height (m)** | | **Children Weight (kg)** | | **Children Hb level** | |
| **Before** | **After** | **Before** | **After** | **Before** | **After** |
| T1 | 05 | Daily routine diet | Continue from 30.12.2016  Result is Awaited | | | | | |
| T2 | 05 | 100gm. Laddu/health mix (prepared from Locally available grains) / Day/Child for 180 Days |

**3. Backyard Poultry Management for Income Generation**

**Problem**: Low egg production due to local breed of poultry

**Title of OFT:** Evaluation of Suitable breed for higher egg Production through backyard poultry

**Potential solution:** TO provide **CARI Devendra** from **CARI, Izzatnagar** for higher egg Production

Krishi Vigyan Kendra Parwaha Auraiya conducted an OFT on Backyard Poultry Management for Income Generation at household level in rural families. Under this programme 7 Farm women who were rearing local breed were selected from Bindpur, Bhagyanagar, Auraiya and provide 30 Chicks (**CARI Devendra**) to each farm women on dated 22/03/2017

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Treatment** | **No. of Farmers** | **No. of Chicks given/ farmers** | **Mortality rate (%)** | **Average live chicks (Productive Unit Size)** | **Average Weight of Chicks ( gm)** | | | | | **Average egg lays/ chicks**  **(9 months)** | **Average egg lays/ Unit**  **(9 months** | **Weight of Egg**  **(gm)** | **Production cost/ Unit**  **( Rs.)** | **Total Returns ( Rs.)** | **Net Returns**  **(Rs.)** | **BCR** |
| **After 2 week** | **After 7 week** | **After 12 week** | **After 15 week** | **After 20 week** |
| T1 | 07 | - |  | Result is awaited | | | | | | | | | | | | |
| T2 | 07 | 30 |  |

**II. FRONTLINE DEMONSTRATION**

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

List of technologies demonstrated during previous year and popularized during 2015-16 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 / No. |
| 1. | Chickpea | Cropping System | High Yielding Variety | Demonstration, Training and Advisory Services | 04 | 135 | 40 |
| 2. | Paddy | Cropping System | High Yielding in Sodic | Demonstration, Training and Advisory Services | 05 | 65 | 50 |
| 3. | Wheat HD-3086 | Cropping System | High Yielding Variety | Demonstration, Training and Advisory Services | 10 | 350 | 150 |
| 4. | Wheat HD-3059 | Cropping System | High Yielding Variety | Demonstration, Training and Advisory Services | 05 | 80 | 30 |
| 5. | Wheat HD-2967 | Cropping System | High Yielding Variety | Demonstration, Training and Advisory Services | 10 | 350 | 150 |
| 6. | Wheat KRL-213 | Cropping System | High Yielding Variety | Demonstration, Training and Advisory Services | 08 | 60 | 110 |
| 7. | Mustard  Pusa Vijay | Cropping System | High Yielding Variety | Demonstration, Training and Advisory Services | 10 | 200 | 100 |
| 8. | Mustard  CS-56 | Cropping System | High Yielding Variety | Demonstration, Training and Advisory Services | 08 | 50 | 20.0 |
| 9. | Carrot | Crop production | High Yielding Variety | Demonstration, Training and Advisory Services | 08 | 26 | 50.0 |
| 10. | Capsicum | Crop production | High Yielding Variety | Demonstration, Training and Advisory Services | 05 | 16 | 12.00 |
| 11. | Nutritional garden | Low productivity and less intake of vegetable in daily diet. | Round year production of vegetables through model of Nutritional garden (150m2) in rural areas | Demonstration, Training and Advisory Services | 05 | 17 | 17 |
| 12. | Wheat | High Infestation in store grain | Minimize Infestation in store grain by Parad Tikari | Demonstration, Training and Advisory Services | 07 | 33 | 33 |
| 13. | Berseem (Green Fodder) Bundel-1 | Fodder Production | Green Fodder Production | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 02 | 10 | 2.0 |
| 14 | Oat (Green Fodder) JHO-822 | Fodder Production | Green Fodder Production | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 04 | 20 | 2.0 |
| 15 | Buffalos | Feeding Management | Feeding of mineral mixture and deworming at proper time for increasing milk production | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 10 | 100 | 100 |

b. Details of FLDs implemented during 2016-17 (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 Shortfalls in achievement |
| Proposed | Actual | SC/ST | Others | Total |  |
| 1 | Chickpea | Varietal Evaluation | Promotion of improved variety GNG 1581 | Rabi-2016 | 20.0 | 20.0 | 05 | 45 | 50 |  |
| 2 | Paddy | Varietal Evaluation | Promotion of improved variety CSR-36 | Kharif-16 | 20.0 | 8.0 | 02 | 18 | 20 |  |
| 3 | Pigeon Pea | Varietal Evaluation | Promotion of improved variety | Kharif-16 | 10.0 | 10.0 | 00 | 25 | 25 |  |
| 4 | Mustard IPO IARI | Varietal Evaluation | Promotion of improved variety | Rabi-2016-17 | 00 | 2.4 | 00 | 06 | 06 |  |
| 5 | Mustard | Varietal Evaluation | Promotion of improved variety | Rabi-2016-17 | 20.0 | 20.0 | 05 | 45 | 50 |  |
| 6 | Moong | Varietal Evaluation | Promotion of improved variety | Zaid-17 | 20.0 | 20.0 | 02 | 48 | 50 |  |
| 7 | Rabi Onion | Varietal Evaluation | Promotion of improved variety | Rabi-2016-17 | 2.0 | 1.0 | 01 | 09 | 10 |  |
| 8 | Okra | Varietal Evaluation | Promotion of improved variety | Zaid-17 | 2.0 | 0.5 | 01 | 09 | 10 |  |
| 9 | Bottle Gourd | Varietal Evaluation | Promotion of improved variety | Zaid-17 | 2.0 | 1.0 | 00 | 12 | 12 |  |
| 10 | Paddy IARI | Varietal Evaluation | Promotion of improved variety | Kharif-16 | 0.0 | 2.0 | 00 | 05 | 05 |  |
| 11 | Paddy IARI | Varietal Evaluation | Promotion of improved variety | Kharif-16 | 00 | 2.0 | 00 | 05 | 05 |  |
| 12 | Wheat IARI | Varietal Evaluation | Promotion of improved variety | Rabi-2016-17 | 00 | 2.0 | 00 | 10 | 10 |  |
| 13 | Wheat IARI | Varietal Evaluation | Promotion of improved variety | Rabi-2016-17 | 00 | 0.8 | 00 | 04 | 04 |  |
| 14 | Wheat IARI | Varietal Evaluation | Promotion of improved variety | Rabi-2016-17 | 00 | 2.0 | 00 | 10 | 10 |  |
| 15 | Nutritional Garden | Low productivity and less intake of vegetable in daily diet. | Round year production of vegetables through model of Nutritional garden (150m2) in rural areas | Kharif, Rabi and Zaid 2016-17 | 30 | 30 | 03 | 27 | 30 |  |
| 16 | Wheat | High Infestation in store grain | Minimize Infestation in store grain by Parad Tikari | Rabi 2016-17 | 50 | 50 | 07 | 43 | 50 |  |
| 17 | Sorghum (Green Fodder) | Fodder Production | Green Fodder Production | Kharif 2016 | 2.0 | 2.0 | 06 | 04 | 10 | NA |
| 18 | Berseem (Green Fodder) | Fodder Production | Green Fodder Production | Rabi 2016-17 | 2.0 | 2.0 | 03 | 07 | 10 | NA |
| 19 | Oat (Green Fodder | Fodder Production | Green Fodder Production | Rabi 2016-17 | 2.0 | 2.0 | 03 | 07 | 10 | NA |
| 20 | Buffalos | Feeding Management | Feeding of mineral mixture and deworming at proper time for increasing milk production | December 2016 | 25 | 25 | 09 | 16 | 25 | NA |
| 21 | Calves | Desease Management | Control of calves mortality through deworming at proper stage | March 2017 | 50 | 50 | 07 | 43 | 50 | NA |
| **Total** | | | | | 102.0 ha. / 155 No. | 259.5 | 54 | 398 | 452 |  |

**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 |
| Chickpea | Rabi-2016 | Irrigated | Sandy loam | M | M | H | Wheat | 8-15.11.2016 | 24-31.03.17 |  |  |
| Paddy | Kharif-16 | Irrigate | Sandy loam | M | M | H | Wheat | 24.06.2016 | 15.10.16 |  |  |
| Pigeon Pea | Kharif-16 | Irrigate | Sandy loam | M | M | H | Maize | 29.06.2016 | 9.04.16 |  |  |
| Mustard IPO IARI | Rabi-2016-17 | Irrigate | Sandy loam | M | M | H | Maize | 8.10.2016 | 4.03.16 |  |  |
| Mustard ICAR | Rabi-2016-17 | Irrigate | Sandy loam | M | M | H | Maize | 8.10.2016 | 6.03.16 |  |  |
| Moong | Zaid-17 | Irrigate | Sandy loam | M | M | H | Maize | 18.03.2016 | 00 |  |  |
| Rabi Onion | Rabi-2016-17 | Irrigate | Sandy loam | M | M | H | Potato | 22.11.2016 | Crop Standing |  |  |
| Okra | Zaid-17 | Irrigate | Sandy loam | M | M | H | Potato & Mustard | 8.02.2017 | Crop Standing |  |  |
| Bottle Gourd | Zaid-17 | Irrigate | Sandy loam | M | M | H | Potato | 20.02.2017 To 28.02.2017 | Crop Standing |  |  |
| Paddy IARI | Kharif-16 | Irrigate | Sandy loam | M | M | H | Wheat | 26.06.2016 | 16.10.16 |  |  |
| Paddy IARI | Kharif-16 | Irrigated | Sandy loam | M | M | H | Wheat | 26.06.2016 | 16.10.16 |  |  |
| Wheat IARI | Rabi-2016-17 | Irrigated | Sandy loam | M | M | H | Paddy | 9.11.2016 | 10.04.2017 |  |  |
| Wheat IARI | Rabi-2016-17 | Irrigated | Sandy loam | M | M | H | Paddy | 10.11.2016 | 12.04.2017 |  |  |
| Wheat IARI | Rabi-2016-17 | Irrigated | Sandy loam | M | M | H | Paddy | 25.11.2016 | 10.04.2017 |  |  |
| Sorghum (Green Fodder) | Kharif 2016 | Irrigated | Sand Loam | L | L | M | Wheat | 16-23/05/2016 | Kahari 2016 |  |  |
| Berseem (Green Fodder) | Rabi 2016-17 | Irrigated | Sand Loam | L | L | M | Paddy | 10.10.2016 | Rabi 2016-17 |  |  |
| Oat (Green Fodder | Rabi 2016-17 | Irrigated | Sand Loam | L | L | M | Paddy | 10.10.2016 | Rabi 2016-17 |  |  |
| Buffalos | December 2016 | - | - | - | - | - | - | - | - |  |  |
| Calves | March 2017 | - | - | - | - | - | - | - | - |  |  |

Technical Feedback on the demonstrated technologies

|  |  |  |
| --- | --- | --- |
| **S. No** | **Crop enterprices** | **Feed Back** |
| 1. | Paddy (CSR-36) | Sodic reclaims soil to good variety & High yielding variety |
| 2 | Chickpea (GNG-1581) | Very Good variety |
| 3. | Pigeon pea | Good variety  No. of Branches high |
| 4. | Mustard IPO IARI | Early sowing maturity High yielding variety. |
| 5. | Mustard RH-749 | Good variety & No. of Branches high |
| 6 | Moong IPM-2-3 | Crop Standing |
| 7. | Rabi Onion | Crop Standing |
| 8. | Okra | Harvesting start |
| 9. | Bottle Gourd | Crop Standing |
| 10. | Paddy-1509 | Very good variety |
| 11 | Paddy-1121 | Very good variety |
| 12 | Wheat-HD-2967 | Very good variety |
| 13 | Wheat-HD-3086 | Very good variety |
| 14 | Wheat-HD-3054 | Very good variety |
| 15 | Kitchen Garden | \* The Kitchen Garden is very effective because it provides vegetables free from insecticides and pesticides and chemical fertilizers.  \*The Kitchen Garden fulfilled about 70.97 % of requirements of vegetables in daily routine diet in rural families.  \*Its also overcomes the malnutrition problems in rural families. |
| 16 | Grain Storage | \*The Use of Parad Tikari is very effective because it has low infestation (0.28%) as compare to Traditional method (11.48%).  \*Parad Tikari has no residues & it is eco- friendly for human health as well as cheap in economic point of view also. |
| 17 | Sorghum (Green Fodder) | More fodder cutting & product ion |
| 18 | Berseem (Green Fodder) | More fodder cutting & product ion |
| 19 | Oat (Green Fodder | More fodder cutting & product ion |
| 20 | Buffalos (Mineral Mixture) | Milk production is increase and timely inseminate |
| 21 | Calves (Deworming) | Calves mortality is very low |

**Farmers’ reactions on specific technologies**

|  |  |
| --- | --- |
| **S. No** | **Feed Back** |
| Rabi Onion | This technology farmers appreciated |
| Okra | This technology farmers appreciated |
| Bottle Gourd | Very good flowering & very happy farmers |
| Paddy (CSR-36) | Sodic reclaims soil to good variety & High yielding variety |
| Chickpea (GNG-1581) | Very Good variety and No of branches and pod is very high |
| Pigeon pea | Good variety No. of Branches more |
| Mustard IPO IARI | Early sowing maturity High yielding variety. |
| Mustard RH-749 | Good variety & No. of Branches high |
| Moong IPM-2-3 | Crop Standing |
| Paddy-1509 | Very good variety |
| Paddy-1121 | Very good variety |
| Wheat-HD-2967 | Very good variety |
| Wheat-HD-3086 | Very good variety |
| Wheat-HD-3054 | Very good variety |
| Sorghum (Green Fodder) | Quality of fodder good and soft, More fodder cutting & product ion |
| Berseem (Green Fodder) | Quality of fodder good and soft, More fodder cutting & product ion |
| Oat (Green Fodder | Quality of fodder good and soft, More fodder cutting & product ion |
| Buffalos (Mineral Mixture) | Very good technology for Milk production is increase and timely inseminate |
| Calves (Deworming) | Calves mortality is very low |
| Kitchen Garden | The Kitchen Garden is very useful.  It Provides fresh vegetables.  No need to go daily market.  Save money and gives profit. |
| Grain Storage | The use of Parad Tikari is very effective for it controls the stored grain pest. Cheap in economic point of view also. Suitable for all grains, Easily available in market and easy to use |

**Extension and Training activities under FLD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Activity** | **No. of activities organized** | **Date** | **Number of participants** | **Remarks** |
| 1 | Field days | 07 | April, 2016 to March, 2017 | 320 |  |
| 2 | Farmers Training | 13 | 356 |  |
| 3 | Media coverage | 35 | - |  |
| 4 | Training for extension functionaries | 00 | 00 |  |

**Performance of Frontline demonstrations:**

**Frontline demonstrations on oilseed crops**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Crop** | **Thematic Area** | **technology demonstrated** | **Variety** | **No. of Farmers** | **Area**  **(ha)** | **Yield (q/ha)** | | | | **% Increase in yield** | **Economics of demonstration (Rs./ha)** | | | | **Economics of check**  **(Rs./ha)** | | | |
| **Demo** | | | **Check** | **Gross**  **Cost** | **Gross**  **Return** | **Net Return** | **BCR**  **(R/C)** | **Gross**  **Cost** | **Gross**  **Return** | **Net Return** | **BCR**  **(R/C)** |
| **High** | **Low** | **Average** |
| Groundnut |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sesamum |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mustard |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Varietal Evaluation | High Yielding Variety | Pusa Sarson -126 | 06 | 2.4 | 21.08 | 20.9 | 21.45 | 19.33 | 10.98 | 20191.67 | 66495.0 | 45486.67 | 2.49 | 20191.67 | 59933.33 | 39741.67 | 2.23 |
|  | Varietal Evaluation | High Yielding Variety | RH-749 | 50 | 20 | 24.06 | 19.09 | 22.52 | 20.70 | 8.90 | 20130 | 69818.20 | 49668.20 | 3.47 | 19380 | 64163.80 | 44783.80 | 3.31 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Toria |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Linseed |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sunflower |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soybean |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** | | | | 56 | 22.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* 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** |
| Pigeon pea |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Cropping system | High Yielding Variety | IPA-203 | 25 | 10 | 15.8 | 14.6 | 15.19 | 13.25 | 14.74 | 25400 | 60768.0 | 35368 | 2.39 | 24250 | 52992 | 28742 | 2.19 |
| Black gram |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Green gram |  |  |  |  |  |  | | | | | | | | | | | | |
|  | Cropping system | High Yielding Variety | IPM-2-3 | 50 | 20 | Crop Standing | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Chickpea |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Cropping system | High Yielding Variety | GNG 1581 | 50 | 20 | 24.9 | 19.7 | 22.3 | 18.4 | 21.19 | 28800 | 122650 | 93850 | 4.25 | 27000 | 101200 | 74000 | 3.74 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fieldpea |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lentil |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Horsegram |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  | 125 | 50.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* 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**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Crop and category** | **Thematic area** | **Name of Technology** | **No. Of farmers** | **Area (ha.)** | **Yield (q/ha.)** | | | | **Increase Yield** | **Other Parameter** | | **Economics of Demonstration (Rs.ha.)** | | | | **Economics of Local Check (Rs.ha.)** | | | |
| **Demo** | | | **Check** |
| **High** | **Low** | **Average** | **Demo** | **Check** | **Gross Cost** | **Gross**  **Return** | **Net**  **Return** | **BCR**  **(R/C)** | **Gross**  **Cost** | **Gross**  **Return** | **Net**  **Return** | **BCR**  **(R/C)** |
| **Cereals** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Paddy** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CSR-36 | Cropping system | Sodic reclame Varity | 20 | 8.0 | 59.4 | 56.8 | 58.1 | 53.8 | 7.98 |  |  | 32500 | 63910 | 31410 | 2.0 | 32500 | 59185.5 | 26685.5 | 1.8 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Waterlogged Situation** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Coarse Rice** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Scented Rice** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pusa -1121 | Cropping system | High Yielding Variety | 5 | 2.0 | 35.0 | 36.1 | 37.10 | 58.50 | -33.43 |  |  | 32000 | 74200 | 41700 | 2.88 | 32000 | 61325 | 28825 | 1.89 |
| Pusa -1509 | Cropping system | High Yielding Variety | 5 | 2.0 | 38.1 | 36.1 | 37.7 | 55.5 | -28.53 |  |  | 32000 | 63910 | 314102 | 2.55 | 32500 | 59185.5 | 26685.5 | 1.88 |
| **Wheat** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Wheat Timely sown** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HD-2967 | Cropping system | High Yielding Variety | 10 | 2.0 | 54 | 52.8 | 52.97 | 49.98 | 5.99 |  |  | 38230 | 84725 | 46522 | 2.22 | 37000 | 79968 | 42968 | 2.16 |
| HD-3086 | Cropping system | High Yielding Variety | 04 | 0.8 | 54.6 | 57.8 | 54.18 | 50.05 | 15.19 |  |  | 38230 | 80670 | 46737.50 | 2.38 | 37000 | 70205 | 36580 | 2.08 |
| HD-3059 | Cropping system | High Yielding Variety | 10 | 2.0 | 45.0 | 42.8 | 44.01 | 41.44 | 14.39 |  |  | 37500 | 77336 | 44336 | 2.35 | 37500 | 67605 | 34755 | 2.06 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Wheat Late Sown** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Mandua** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Barley** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Maize (Rabi) P-3522** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Maize (Kharif) P-3501** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Amaranth** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Millets** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Jowar** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Bajra** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Barnyard millet** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Finger millet** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Vegetables** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Bottlegourd** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Bittergourd** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Cowpea** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Spongegourd** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Petha** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Tomato** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Frenchbean** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Capsicum** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Chilli** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Brinjal** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Vegetable pea** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Softgourd** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Okra** |  |  |  |  |  |  | | | | | | | | | | | | | |
| Kashi Kranti | Cropping system | High Yielding Variety | **10** | **0.5** |  | **Crop Standing stage** | | | | | | | | | | | | | |
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| **Bottle Gaurd** |  |  |  |  |  |  | | | | | | | | | | | | | |
| Kashi Ganga | Cropping system | High Yielding Variety | 12 | 01 |  | **Crop Standing stage** | | | | | | | | | | | | | |
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| **Broccoli** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Cucumber** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Carrot |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Rabi Onion** |  |  |  |  |  |  | | | | | | | | | | | | | |
| NHRDF Red-3 | Cropping system | High Yielding Variety | **10** | **01** |  | **Crop Standing stage** | | | | | | | | | | | | | |
| **Coriender** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Carrot (Pusa Kesar)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Cabbage (Puas Acre)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Cauliflower** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Elephant fruit** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Flower crops** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Marigold** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Bela** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Tuberose** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Gladiolus** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Fruit crops** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Mango** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Strawberry** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Guava** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Banana** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Papaya (Pusa Nanha)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Muskmelon** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Watermelon** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Spices & condiments** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Ginger** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Garlic** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Turmeric** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Commercial Crops** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Sugarcane** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Potato** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Medicinal & aromatic plants** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Mentholment** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Kalmegh** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Ashwagandha** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Fodder Crops** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Sorghum (F)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| White Gold | Fodder production | Varietal | 10 | 2.0 | 780 | 710 | 755 | 560 | 25.82 |  |  | 23000 | 67950 | 44950 | 2.55 | 22000 | 50400 | 28400 | 2.29 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Cowpea (F)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Maize (F)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Lucern** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Berseem** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vardan | Fodder production | Varietal | 10 | 2.0 | 940 | 840 | 907 | 633 | 30.20 |  |  | 35000 | 72560 | 37560 | 2.07 | 32000 | 50640 | 18640 | 1.58 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Oat (F)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JHO-822 | Fodder production | Varietal | 10 | 2.0 | 510 | 370 | 433 | 334 | 22.86 |  |  | 22000 | 43300 | 21300 | 1.96 | 19000 | 33400 | 14400 | 1.75 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* 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 Milk yield** | | **%**  **change**  **in major**  **parameter** | **Other parameter**  **(Conception of Animal) %** | | **Economics of demonstration**  **(Rs.) per day per animals** | | | | **Economics of check**  **(Rs.) per day per animals** | | | |
| **Demo**  **(Before Feeding)** | **Check (After Feeding)** | **Demo**  **(Before Feeding)** | **Check (After Feeding)** | **Gross**  **Cost** | **Gross**  **Return** | **Net**  **Return** | **BCR**  **(R/C)** | **Gross**  **Cost** | **Gross**  **Return** | **Net**  **Return** | **BCR**  **(R/C)** |
| **Cattle & Buffalos** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Buffalos | Feed Management | Feeding of mineral mixture and deworming at proper time for increasing milk production | 25 | 25 | 6.54 | 8.02 | 22.62 | - | - | 149 | 280.7 | 131 | 1.88 | 141 | 228.9 | 87.9 | 1.62 |
| Calvews | Disease Management | Control of calves mortality through deworming at proper stage | 50 | 50 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **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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FLD on Fisheries

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| **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.)** | | | |
| **Demons**  **ration** | **Check** | **Demons**  **ration** | **Check** | **Gross**  **Cost** | **Gross**  **Return** | **Net Return** | **BCR**  **(R/C)** | **Gross**  **Cost** | **Gross**  **Return** | **Net Return** | **BCR**  **(R/C)** |
| **Common Carps** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **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** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Apiculture** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Maize Sheller** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Value Addition** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Vermi Compost** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Store Grain Pest** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

FLD on Women Empowerment

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

**FLD on Farm Implements and Machinery**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of the implement** | **Crop** | **Technology demonstrated** | **No. of Farmer** | **Area (ha) / No** | **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**

**Table : Evaluation of availability of vegetable of Farm families through Nutritional Gardening**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Modules of Kitchen Garden** | **No. of Respondents** | **Average no of Family member** | **Requirement of Vegetable/ year** | **Availability of vegetables** | **Gap/ Difference** | **Requirement fulfilled**  **( %)** | **Cost of cultivation (Rs.)** | **Gross Income (Rs.)** | **Net Income (Rs.)** | **B.C Ratio** |
| 150 m2 | 30 | 07 | 766.50 | 543.99 | 222.51 | 70.97 | 1976.18 | 8923.97 | 6947.79 | 4.51:1 |

**Performance of Parad Tikari on Store grain pest in Wheat**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Category** | **Name of the technology demonstrated** | **No. of Farmer** | **No. of units / Amount of Grain stored ( Q)/ farmers** | **Major Parameters** Pest infestation (%) | |
| **Demo** | **Check** |
| Grain Storage | Minimize Infestation in store grain by Parad Tikari | 50 | 5 quintal | 0.28% pest infestation | 11.48 % pest infestation |

**FLD on Demonstration details on crop hybrids**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 |  |  |  |  |  |  |  |  |  |  |  |  |  |

**II 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 |  |  |  |  |  |  |  |  |  |  |
| Resource Conservation Technologies |  |  |  |  |  |  |  |  |  |  |
| Cropping Systems | 02 | 29 | 00 | 29 | 02 | 00 | 02 | 31 | 00 | 31 |
| Crop Diversification |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming |  |  |  |  |  |  |  |  |  |  |
| Micro Irrigation/irrigation |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |
| Integrated Crop Management |  |  |  |  |  |  |  |  |  |  |
| Soil & water conservatioin |  |  |  |  |  |  |  |  |  |  |
| Integrated nutrient management |  |  |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** | **02** | **29** | **00** | **29** | **02** | **00** | **02** | **31** | **00** | **31** |
| **II Horticulture** |  |  |  |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  |  |  |  |  |
| Production of low value and high valume crops | 04 | 54 | 00 | 54 | 03 | 00 | 03 | 57 | 00 | 57 |
| Off-season vegetables |  |  |  |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  |  |  |  |  |
| Exotic vegetables |  |  |  |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total (a)** | **04** | **54** | **00** | **54** | **03** | **00** | **03** | **57** | **00** | **57** |
| **b) Fruits** |  |  |  |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  |  |  |  |  |
| Layout and Management of Orchards | 01 | 05 | 10 | 15 | 05 | 02 | 07 | 10 | 12 | 22 |
| Cultivation of Fruit | 01 | 20 | 00 | 20 | 00 | 00 | 00 | 20 | 00 | 20 |
| Management of young plants/orchards |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |
| Export potential fruits |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) Fruits & Vegetables Cultivation |  |  |  |  |  |  |  |  |  |  |
| **Total (b)** | **2** | **25** | **10** | **35** | **5** | **2** | **7** | **30** | **12** | **42** |
| **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)** |  |  |  |  |  |  |  |  |  |  |
| **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 | 02 | 06 | 26 | 32 | 06 | 02 | 08 | 12 | 28 | 40 |
| Poultry Management |  |  |  |  |  |  |  |  |  |  |
| Piggery Management |  |  |  |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  |  |  |  |  |
| Animal Nutrition Management | 01 | 16 | 00 | 16 | 09 | 00 | 09 | 25 | 00 | 25 |
| Disease Management |  |  |  |  |  |  |  |  |  |  |
| Feed & fodder technology | 02 | 11 | 00 | 11 | 09 | 00 | 09 | 20 | 00 | 20 |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) Goat Breed Conservation |  |  |  |  |  |  |  |  |  |  |
| **Total** | **5** | **33** | **26** | **59** | **24** | **2** | **26** | **57** | **28** | **85** |
| **V Home Science/Women empowerment** |  |  |  |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening | 01 | 12 | 16 | 28 | 01 | 02 | 03 | 13 | 18 | 31 |
| Design and development of low/minimum cost diet |  |  |  |  |  |  |  |  |  |  |
| Designing and development for high nutrient efficiency diet |  |  |  |  |  |  |  |  |  |  |
| Minimization of nutrient loss in processing |  |  |  |  |  |  |  |  |  |  |
| Processing and cooking |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  |  |  |  |  |
| Storage loss minimization techniques | 01 | 17 | 26 | 43 | 05 | 02 | 07 | 22 | 28 | 50 |
| Value addition | 01 | 02 | 23 | 25 | 00 | 05 | 05 | 02 | 28 | 30 |
| Women empowerment |  |  |  |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |
| Women and child care |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** | **3** | **31** | **65** | **96** | **6** | **9** | **15** | **37** | **74** | **111** |
| **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 |  |  |  |  |  |  |  |  |  |  |
| Integrated Disease Management |  |  |  |  |  |  |  |  |  |  |
| Bio-control of pests and diseases |  |  |  |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **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 |  |  |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |
| Mobilization of social capital |  |  |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **XI Agro-forestry** |  |  |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **GRAND TOTAL** | **16** | **172** | **101** | **283** | **40** | **13** | **53** | **212** | **114** | **326** |

**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 |  |  |  |  |  |  |  |  |  |  |
| Resource Conservation Technologies |  |  |  |  |  |  |  |  |  |  |
| Cropping Systems | 15 | 359 | 00 | 359 | 32 | 09 | 41 | 391 | 09 | 400 |
| Crop Diversification |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming |  |  |  |  |  |  |  |  |  |  |
| Micro Irrigation/irrigation |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |
| Nursery management | 01 | 19 | 00 | 19 | 00 | 00 | 00 | 19 | 00 | 19 |
| Integrated Crop Management |  |  |  |  |  |  |  |  |  |  |
| Soil & water conservatioin | 02 | 38 | 00 | 38 | 01 | 00 | 01 | 39 | 00 | 39 |
| Integrated nutrient management | 02 | 23 | 00 | 23 | 04 | 02 | 06 | 27 | 02 | 29 |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |
| Others () |  |  |  |  |  |  |  |  |  |  |
| **Total** | **20** | **439** | **00** | **439** | **37** | **11** | **48** | **476** | **11** | **487** |
| **II Horticulture** |  |  |  |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  |  |  |  |  |
| Production of low value and high volume crops | 04 | 72 | 00 | 72 | 11 | 00 | 11 | 83 | 00 | 83 |
| Off-season vegetables |  |  |  |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  |  |  |  |  |
| Exotic vegetables |  |  |  |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  |  |  |  |  |
| Others (Storage, Harvesting and Packing) | 01 | 20 | 00 | 20 | 00 | 00 | 00 | 20 | 00 | 20 |
| **Total (a)** | **5** | **92** | **00** | **92** | **11** | **00** | **11** | **103** | **00** | **103** |
| **b) Fruits** |  |  |  |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  |  |  |  |  |
| Layout and Management of Orchards |  |  |  |  |  |  |  |  |  |  |
| Cultivation of Fruit | 02 | 37 | 00 | 37 | 06 | 00 | 06 | 43 | 00 | 43 |
| Management of young plants/orchards | 01 | 20 | 00 | 20 | 00 | 00 | 00 | 20 | 00 | 20 |
| Rejuvenation of old orchards | 01 | 19 | 00 | 19 | 01 | 00 | 01 | 20 | 00 | 20 |
| Export potential fruits |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  |  |  |  |  |
| Others (Seed Production) |  |  |  |  |  |  |  |  |  |  |
| **Total (b)** | **4** | **76** | **00** | **76** | **7** | **00** | **7** | **83** | **00** | **83** |
| **c) Ornamental Plants** |  |  |  |  |  |  |  |  |  |  |
| Nursery Management (Mulching) |  |  |  |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  |  |  |  |  |
| Export potential of ornamental plants |  |  |  |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  |  |  |  |  |
| Others (Cultivation) |  |  |  |  |  |  |  |  |  |  |
| **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 | 01 | 20 | 00 | 20 | 00 | 00 | 00 | 20 | 00 | 20 |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total (e)** | 01 | 20 | 00 | 20 | 00 | 00 | 00 | 20 | 00 | 20 |
| **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 (Sanitation) |  |  |  |  |  |  |  |  |  |  |
| **Total (g)** |  |  |  |  |  |  |  |  |  |  |
| **GT (a-g)** |  |  |  |  |  |  |  |  |  |  |
| **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) Method to Test The Purity Chemical Fertilizers |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **IV Livestock Production and Management** |  |  |  |  |  |  |  |  |  |  |
| Dairy Management | 04 | 56 | 00 | 56 | 22 | 00 | 22 | 78 | 00 | 78 |
| Poultry Management |  |  |  |  |  |  |  |  |  |  |
| Piggery Management |  |  |  |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  |  |  |  |  |
| Animal Nutrition Management |  |  |  |  |  |  |  |  |  |  |
| Disease Management | 03 | 55 | 00 | 55 | 04 | 00 | 04 | 59 | 00 | 59 |
| Feed & fodder technology | 02 | 25 | 00 | 25 | 14 | 00 | 14 | 39 | 00 | 39 |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |
| Others 1. Management of Goat and Sheep | 01 | 20 | 00 | 20 | 00 | 00 | 00 | 20 | 00 | 20 |
| **Total** | **10** | **156** | **0** | **156** | **40** | **00** | **40** | **196** | **00** | **196** |
| **V Home Science/Women empowerment** |  |  |  |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening | 02 | 00 | 37 | 37 | 00 | 10 | 10 | 00 | 47 | 47 |
| Design and development of low/minimum cost diet | 01 | 00 | 29 | 29 | 00 | 00 | 00 | 00 | 29 | 29 |
| Designing and development for high nutrient efficiency diet |  |  |  |  |  |  |  |  |  |  |
| Minimization of nutrient loss in processing | 01 | 06 | 14 | 20 | 00 | 00 | 00 | 06 | 14 | 20 |
| Processing and cooking |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs | 02 | 16 | 20 | 36 | 04 | 02 | 06 | 20 | 22 | 42 |
| Storage loss minimization techniques | 01 | 10 | 10 | 20 | 00 | 00 | 00 | 10 | 10 | 20 |
| Value addition | 02 | 02 | 38 | 40 | 01 | 04 | 05 | 03 | 42 | 45 |
| Women empowerment |  |  |  |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies | 01 | 00 | 15 | 15 | 00 | 05 | 05 | 00 | 20 | 20 |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |
| Women and child care | 01 | 00 | 19 | 19 | 00 | 03 | 03 | 00 | 22 | 22 |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** | **11** | **34** | **182** | **216** | **5** | **24** | **29** | **39** | **206** | **245** |
| **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 |  |  |  |  |  |  |  |  |  |  |
| Integrated Disease Management |  |  |  |  |  |  |  |  |  |  |
| Bio-control of pests and diseases |  |  |  |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **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 | 02 | 34 | 00 | 34 | 00 | 00 | 00 | 34 | 00 | 34 |
| 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 | 01 | 00 | 15 | 15 | 00 | 05 | 05 | 00 | 20 | 20 |
| Apiculture |  |  |  |  |  |  |  |  |  |  |
| Others (Beekeeping |  |  |  |  |  |  |  |  |  |  |
| **Total** | **3** | **34** | **15** | **49** | **00** | **5** | **5** | **34** | **20** | **54** |
| **X Capacity Building and Group Dynamics** |  |  |  |  |  |  |  |  |  |  |
| Leadership development |  |  |  |  |  |  |  |  |  |  |
| Group dynamics | 03 | 35 | 04 | 39 | 29 | 00 | 29 | 64 | 04 | 68 |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |
| Mobilization of social capital |  |  |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |
| Others (KCC) |  |  |  |  |  |  |  |  |  |  |
| Crop Insurance | 01 | 14 | 00 | 14 | 06 | 00 | 06 | 20 | 00 | 20 |
| **Total** | **4** | **49** | **4** | **53** | **35** | **00** | **35** | **84** | **4** | **88** |
| **XI Agro-forestry** |  |  |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  |  |  |  |  |  |
| Others (SWI, SRI and DSR) |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **GRAND TOTAL** | **58** | **900** | **201** | **1101** | **135** | **40** | **175** | **1035** | **241** | **1276** |

**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 |  |  |  |  |  |  |  |  |  |  |
| Resource Conservation Technologies |  |  |  |  |  |  |  |  |  |  |
| Cropping Systems | 17 | 388 | 00 | 388 | 34 | 9 | 43 | 422 | 9 | 431 |
| Crop Diversification |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming |  |  |  |  |  |  |  |  |  |  |
| Micro Irrigation/irrigation |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |
| Nursery management | 01 | 19 | 00 | 19 | 00 | 00 | 00 | 19 | 00 | 19 |
| Integrated Crop Management |  |  |  |  |  |  |  |  |  |  |
| Soil & water conservatioin | 02 | 38 | 00 | 38 | 01 | 00 | 01 | 39 | 00 | 39 |
| Integrated nutrient management | 02 | 23 | 00 | 23 | 04 | 02 | 06 | 27 | 02 | 29 |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |
| Others (Green Manyoring ) |  |  |  |  |  |  |  |  |  |  |
| **Total** | **22** | **468** | **00** | **468** | **39** | **11** | **50** | **507** | **11** | **518** |
| **II Horticulture** |  |  |  |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  |  |  |  |  |
| Production of low value and high volume crops | 8 | 126 | 00 | 126 | 14 | 00 | 14 | 140 | 00 | 140 |
| Off-season vegetables |  |  |  |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  |  |  |  |  |
| Exotic vegetables |  |  |  |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  |  |  |  |  |
| Others (Storage, Harvesting and Packing) | 01 | 20 | 00 | 20 | 00 | 00 | 00 | 20 | 00 | 20 |
| **Total (a)** | **09** | **146** | **00** | **146** | **14** | **00** | **14** | **160** | **00** | **160** |
| **b) Fruits** |  |  |  |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  |  |  |  |  |
| Layout and Management of Orchards | 01 | 05 | 10 | 15 | 05 | 02 | 07 | 10 | 12 | 22 |
| Cultivation of Fruit | 03 | 57 | 00 | 57 | 06 | 00 | 06 | 63 | 00 | 63 |
| Management of young plants/orchards | 01 | 20 | 00 | 20 | 00 | 00 | 00 | 20 | 00 | 20 |
| Rejuvenation of old orchards | 01 | 19 | 00 | 19 | 01 | 00 | 01 | 20 | 00 | 20 |
| Export potential fruits |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  |  |  |  |  |
| Others (Seed Production) |  |  |  |  |  |  |  |  |  |  |
| **Total (b)** | **06** | **101** | **10** | **111** | **12** | **02** | **14** | **113** | **12** | **125** |
| **c) Ornamental Plants** |  |  |  |  |  |  |  |  |  |  |
| Nursery Management (Mulching) |  |  |  |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  |  |  |  |  |
| Export potential of ornamental plants |  |  |  |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  |  |  |  |  |
| Others (Cultivation) |  |  |  |  |  |  |  |  |  |  |
| **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 | 01 | 20 | 00 | 20 | 00 | 00 | 00 | 20 | 00 | 20 |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total (e)** | **01** | **20** | **00** | **20** | **00** | **00** | **00** | **20** | **00** | **20** |
| **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 (Sanitation) |  |  |  |  |  |  |  |  |  |  |
| **Total (g)** |  |  |  |  |  |  |  |  |  |  |
| **GT (a-g)** |  |  |  |  |  |  |  |  |  |  |
| **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) Method to Test The Purity Chemical Fertilizers |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **IV Livestock Production and Management** |  |  |  |  |  |  |  |  |  |  |
| Dairy Management | 6 | 62 | 26 | 88 | 28 | 2 | 30 | 90 | 28 | 118 |
| Poultry Management |  |  |  |  |  |  |  |  |  |  |
| Piggery Management |  |  |  |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  |  |  |  |  |
| Animal Nutrition Management | 01 | 16 | 00 | 16 | 09 | 00 | 09 | 25 | 00 | 25 |
| Disease Management | 03 | 55 | 00 | 55 | 04 | 00 | 04 | 59 | 00 | 59 |
| Feed & fodder technology | 04 | 36 | 00 | 36 | 23 | 00 | 23 | 59 | 00 | 59 |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |
| Others 1. Management of Goat and Sheep | 01 | 20 | 00 | 20 | 00 | 00 | 00 | 20 | 00 | 20 |
| **Total** | **15** | **189** | **26** | **215** | **64** | **2** | **66** | **253** | **28** | **281** |
| **V Home Science/Women empowerment** |  |  |  |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening | 03 | 12 | 53 | 65 | 1 | 12 | 13 | 13 | 65 | 78 |
| Design and development of low/minimum cost diet | 01 | 00 | 29 | 29 | 00 | 00 | 00 | 00 | 29 | 29 |
| Designing and development for high nutrient efficiency diet |  |  |  |  |  |  |  |  |  |  |
| Minimization of nutrient loss in processing | 01 | 06 | 14 | 20 | 00 | 00 | 00 | 06 | 14 | 20 |
| Processing and cooking |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs | 02 | 16 | 20 | 36 | 04 | 02 | 06 | 20 | 22 | 42 |
| Storage loss minimization techniques | 2 | 27 | 36 | 63 | 5 | 2 | 7 | 32 | 38 | 70 |
| Value addition | 3 | 4 | 61 | 65 | 1 | 9 | 10 | 5 | 70 | 75 |
| Women empowerment |  |  |  |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies | 01 | 00 | 15 | 15 | 00 | 05 | 05 | 00 | 20 | 20 |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |
| Women and child care | 01 | 00 | 19 | 19 | 00 | 03 | 03 | 00 | 22 | 22 |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** | **14** | **65** | **247** | **312** | **11** | **33** | **44** | **76** | **280** | **356** |
| **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 |  |  |  |  |  |  |  |  |  |  |
| Integrated Disease Management |  |  |  |  |  |  |  |  |  |  |
| Bio-control of pests and diseases |  |  |  |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **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 | 02 | 34 | 00 | 34 | 00 | 00 | 00 | 34 | 00 | 34 |
| 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 | 01 | 00 | 15 | 15 | 00 | 05 | 05 | 00 | 20 | 20 |
| Apiculture |  |  |  |  |  |  |  |  |  |  |
| Others (Beekeeping) |  |  |  |  |  |  |  |  |  |  |
| **Total** | **3** | **34** | **15** | **49** | **00** | **5** | **5** | **34** | **20** | **54** |
| **X Capacity Building and Group Dynamics** |  |  |  |  |  |  |  |  |  |  |
| Leadership development |  |  |  |  |  |  |  |  |  |  |
| Group dynamics | 03 | 35 | 04 | 39 | 29 | 00 | 29 | 64 | 04 | 68 |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |
| Mobilization of social capital |  |  |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |
| Others (KCC) |  |  |  |  |  |  |  |  |  |  |
| Crop Insurance | 01 | 14 | 00 | 14 | 06 | 00 | 06 | 20 | 00 | 20 |
| **Total** | **4** | **49** | **4** | **53** | **35** | **00** | **35** | **84** | **4** | **88** |
| **XI Agro-forestry** |  |  |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  |  |  |  |  |  |
| Others (SWI, SRI and DSR) |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **GRAND TOTAL** | **74** | **1074** | **302** | **1374** | **175** | **53** | **228** | **1247** | **355** | **1602** |

**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 | 01 | 12 | | 00 | | 12 | | 08 | | 00 | | 08 | | 20 | | 00 | | 20 |
| 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 | 01 | 00 | | 14 | | 14 | | 00 | | 06 | | 06 | | 00 | | 20 | | 20 |
| Small scale processing |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Post Harvest Technology |  |  | |  | |  |  | |  | |  | |  | |  | |  | |
| Tailoring and Stitching |  |  | |  | |  |  | |  | |  | |  | |  | |  | |
| Rural Crafts |  |  | |  | |  |  | |  | |  | |  | |  | |  | |
| Production of quality animal products |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Dairying | 01 | 00 | | 21 | | 21 | | 00 | | 03 | | 03 | | 00 | | 24 | | 24 |
| Sheep and goat rearing | 01 | 13 | | 00 | | 13 | | 04 | | 00 | | 04 | | 17 | | 00 | | 17 |
| 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)  Candle making | 01 | 00 | | 23 | | 23 | | 00 | | 03 | | 03 | | 00 | | 26 | | 26 |
| **TOTAL** | **4** | **25** | | **58** | | **83** | **12** | | **12** | | **24** | | **37** | | **70** | | **107** | |

**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 | 01 | 22 | | 00 | | 22 | | 05 | 00 | | 05 | 27 | | 00 | | 27 |
| Training and pruning of orchards |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Protected cultivation of vegetable crops | 02 | 45 | | 00 | | 45 | | 01 | 00 | | 01 | 46 | | 00 | | 46 |
| Commercial fruit production |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Integrated farming |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Seed production | 03 | 48 | | 00 | | 48 | | 02 | 00 | | 02 | 50 | | 00 | | 50 |
| Production of organic inputs |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Planting material production |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Vermi-culture |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Mushroom Production |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Bee-keeping | 01 | 25 | | 00 | | 25 | | 00 | 00 | | 00 | 25 | | 00 | | 25 |
| Sericulture |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Repair and maintenance of farm machinery and implements |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Value addition | 01 | 00 | | 30 | | 30 | | 00 | 00 | | 00 | 00 | | 30 | | 30 |
| 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 (Gardener Training) |  |  | |  | |  | |  |  | |  |  | |  | |  |
| **TOTAL** | **8** | **140** | | **30** | | **170** | **8** | | **0** | **8** | | **148** | **30** | | **178** | |

**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 | 2 | 34 | | 00 | | 34 | 13 | 00 | 13 | 47 | 00 | 47 |
| Training and pruning of orchards |  |  | |  | |  |  |  |  |  |  |  |
| Protected cultivation of vegetable crops | 02 | 45 | | 00 | | 45 | 01 | 00 | 01 | 46 | 00 | 46 |
| Commercial fruit production |  |  | |  | |  |  |  |  |  |  |  |
| Integrated farming |  |  | |  | |  |  |  |  |  |  |  |
| Seed production | 03 | 48 | | 00 | | 48 | 02 | 00 | 02 | 50 | 00 | 50 |
| Production of organic inputs |  |  | |  | |  |  |  |  |  |  |  |
| Planting material production |  |  | |  | |  |  |  |  |  |  |  |
| Vermi-culture |  |  | |  | |  |  |  |  |  |  |  |
| Mushroom Production | 01 | 25 | | 00 | | 25 | 00 | 00 | 00 | 25 | 00 | 25 |
| Bee-keeping |  |  | |  | |  |  |  |  |  |  |  |
| Sericulture |  |  | |  | |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  | |  | |  |  |  |  |  |  |  |
| Value addition | 01 | 00 | | 30 | | 30 | 00 | 00 | 00 | 00 | 30 | 30 |
| Small scale processing |  |  | |  | |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  | |  | |  |  |  |  |  |  |  |
| Tailoring and Stitching |  |  | |  | |  |  |  |  |  |  |  |
| Rural Crafts |  |  | |  | |  |  |  |  |  |  |  |
| Production of quality animal products |  |  | |  | |  |  |  |  |  |  |  |
| Dairying | 01 | 00 | | 21 | | 00 | 00 | 03 | 03 | 00 | 24 | 24 |
| Sheep and goat rearing | 01 | 13 | | 00 | | 13 | 04 | 00 | 04 | 17 | 00 | 17 |
| 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 (Candle Making) | 01 | 00 | | 23 | | 23 | 00 | 03 | 03 | 00 | 26 | 26 |
| **TOTAL** | **12** | **165** | | **88** | | **253** | **20** | **12** | **32** | **185** | **100** | **285** |

**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 | 5 | 31 | 00 | 31 | 98 | 00 | 98 | 129 | 00 | 129 |
| Integrated Pest Management |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient management |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards | **01** | **09** | **00** | **09** | **25** | **00** | **25** | **34** | **00** | **34** |
| 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 | **01** | **00** | **31** | **31** | **00** | **17** | **17** | **00** | **48** | **48** |
| Any other (pl.specify) |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** | **7** | **40** | **31** | **71** | **123** | **17** | **140** | **163** | **48** | **211** |

**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 | **01** | **25** | **00** | **25** | **25** | **00** | **25** | **50** | **00** | **50** |
| 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 | 01 | 00 | 33 | 33 | 00 | 08 | 00 | 00 | 41 | 41 |
| Group Dynamics and farmers organization |  |  |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  |  |  |  |  |  |
| Capacity building for ICT application |  |  |  |  |  |  |  |  |  |  |
| Management in farm animals | **01** | **24** | **00** | **24** | **00** | **00** | **00** | **24** | **00** | **24** |
| Livestock feed and fodder production |  |  |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  |  |  |  |  |  |
| Any other (Post Harvest Tech.) |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** | **3** | **49** | **33** | **82** | **25** | **8** | **33** | **74** | **41** | **115** |

**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 | 06 | 56 | 00 | 56 | 123 | 00 | 123 | 179 | 00 | 179 |
| Integrated Pest Management |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient management |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards | **01** | **09** | **00** | **09** | **25** | **00** | **25** | **34** | **00** | **34** |
| 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 | 01 | 00 | 33 | 33 | 00 | 08 | 00 | 00 | 41 | 41 |
| Group Dynamics and farmers organization |  |  |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  |  |  |  |  |  |
| Capacity building for ICT application |  |  |  |  |  |  |  |  |  |  |
| Management in farm animals | **01** | **24** | **00** | **24** | **00** | **00** | **00** | **24** | **00** | **24** |
| Livestock feed and fodder production |  |  |  |  |  |  |  |  |  |  |
| Household food security | **01** | **00** | **31** | **31** | **00** | **17** | **17** | **00** | **48** | **48** |
| Any other (Post Harvest Tech.) |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** | **10** | **89** | **64** | **153** | **148** | **25** | **173** | **237** | **89** | **326** |

**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 (PPV & FRA 2001) | **01** | **73** | **28** | **101** | **07** | **04** | **11** | **80** | **32** | **112** |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **GRAND TOTAL** | **01** | **73** | **28** | **101** | **07** | **04** | **11** | **80** | **32** | **112** |

**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 | 02 | 45 | 00 | 45 | 01 | 00 | 01 | 46 | 00 | 46 |
| Integrated crop management |  |  |  |  |  |  |  |  |  |  |
| Organic farming |  |  |  |  |  |  |  |  |  |  |
| Others (pl. specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** | **2** | **45** | **00** | **45** | **01** | **00** | **01** | **46** | **00** | **46** |
| **Post harvest technology and value addition** |  |  |  |  |  |  |  |  |  |  |
| Value addition | 01 | 00 | 30 | 30 | 00 | 00 | 00 | 00 | 30 | 30 |
| Others (pl. specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** | **01** | **00** | **30** | **30** | **00** | **00** | **00** | **00** | **30** | **30** |
| **Livestock and fisheries** |  |  |  |  |  |  |  |  |  |  |
| Dairy farming |  |  |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  |  |  |  |  |  |
| Sheep and goat rearing | 01 | 13 | 00 | 13 | 04 | 00 | 04 | 17 | 00 | 17 |
| Piggery |  |  |  |  |  |  |  |  |  |  |
| Poultry farming |  |  |  |  |  |  |  |  |  |  |
| Others (pl. specify) B eekeeping Management | 1 | 25 | 00 | 25 | 00 | 00 | 00 | 25 | 00 | 25 |
| **Total** | **02** | **38** | **00** | **38** | **04** | **00** | **04** | **42** | **00** | **42** |
| **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 | 03 | 48 | 00 | 48 | 02 | 00 | 02 | 50 | 00 | 50 |
| Sericulture |  |  |  |  |  |  |  |  |  |  |
| Mushroom cultivation | 01 | 25 | 00 | 25 | 00 | 00 | 00 | 25 | 00 | 25 |
| Nursery, grafting etc. | 2 | 34 | 00 | 34 | 13 | 00 | 13 | 47 | 00 | 47 |
| Tailoring, stitching, embroidery, dying etc. |  |  |  |  |  |  |  |  |  |  |
| Agril. para-workers, para-vet training |  |  |  |  |  |  |  |  |  |  |
| Others (pl. specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** | **5** | **107** | **00** | **107** | **15** | **00** | **15** | **122** | **00** | **122** |
| **Agricultural Extension** |  |  |  |  |  |  |  |  |  |  |
| Capacity building and group dynamics |  |  |  |  |  |  |  |  |  |  |
| Others (pl. specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **Grand Total** | **10** | **190** | **30** | **220** | **20** | **00** | **20** | **210** | **30** | **240** |

IV. Extension Programmes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Activities** | **No. of programmes** | **No. of farmers** | **No. of Extension Personnel** | **TOTAL** |
| Advisory Services | 4 | 18 | 00 | 18 |
| Diagnostic visits | 53 | 308 | -00 | 308 |
| Field Day | 7 | 310 | 10 | 320 |
| Group discussions | 5 | 124 | 00 | 124 |
| Kisan Ghosthi | 08 | 855 | 10 | 865 |
| Film Show | 44 | 3800 | 120 | 3920 |
| Self -help groups | 2 | 26 | 00 | 26 |
| Kisan Mela | 1 | 45 | 410 | 455 |
| Exhibition | 4 | 70 | 680 | 750 |
| Scientists' visit to farmers field | 1 | 528 | 00 | 528 |
| Plant/animal health camps | 01 | 101 | 11 | 112 |
| Farm Science Club | 3 | 35 | 00 | 35 |
| Ex-trainees Sammelan | 3 | 65 | 00 | 65 |
| Farmers' seminar/workshop | 4 | 165 | 00 | 165 |
| Method Demonstrations | 0 | 0 | 0 | 0 |
| Celebration of important days | 2 | 350 | 00 | 350 |
| Special day celebration | 01 | 100 | 10 | 110 |
| Exposure visits | 0 | 0 | 0 | 0 |
| Other( pl.specify)Mahila mandal | 5 | 75 | 00 | 75 |
| 1. Extension literature distributed | 5 | 3000 | 00 | 3000 |
| 2. Lecture delivered | 67 | 4400 | 00 | 4400 |
| 3. farmers visit to KVK | 1 | 300 | 00 | 300 |
| 4..Pre Rabi Kisan Sammelan | 1 | 250 | 00 | 250 |
| 5. Awareness programme on malnutrition | 01 | 90 | 02 | 92 |
| **Total** | **223** | **15015** | **1253** | **16268** |

Details of other extension programmes

|  |  |
| --- | --- |
| **Particulars** | **Number** |
| Electronic Media (CD./DVD) | 00 |
| Extension Literature | 5 |
| News paper coverage | 340 |
| Popular articles | 11 |
| Radio Talks | 6 |
| TV Talks | 0 |
| Animal health amps (Number of animals treated) | **252** |
| Others (pl. specify) Lecture Deliverd | 35 |
| **Total** | **649** |

Mobile Advisory Services

|  |  |  |
| --- | --- | --- |
| **No. of KVKs** | **No. of voice SMSs sent** | **No. of farmers benefited** |
|  |  |  |

**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 | **Seed production in 2016-17** | | | | | |
|  | Paddy | CSR-36 |  | 30.0 | 90,000.00 |  |
|  |  |  |  |  |  |  |
|  | Wheat | HD-3086 |  | 50.0 | 1,50,000.00 |  |
| Oilseeds |  |  |  |  |  |  |
| Pulses |  |  |  |  |  |  |
| Commercial crops |  |  |  |  |  |  |
| Vegetables |  |  |  |  |  |  |
| Flower crops |  |  |  |  |  |  |
| Spices |  |  |  |  |  |  |
| Fodder crop seeds |  |  |  |  |  |  |
| Fiber crops |  |  |  |  |  |  |
| Forest Species |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |
| **Total** |  |  |  | **80.0** | **240000.00** |  |

# 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 | Divya | 600 |  |  | 03 |
|  | Chilli | Surya | 300 |  |  | 02 |
|  | Marigold | Pusa orange | 200 |  |  | 01 |
|  | Cauliflower | Pusa shard | 100 |  |  | 01 |
|  | Tomato | M-S585 | 400 |  |  | 04 |
|  | Onion | Agrifound light red | 47 Kg. No. (28,200) |  |  | 13 |
|  |  |  |  |  |  |  |
| Fruits |  |  |  |  |  |  |
| Ornamental plants |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Medicinal and Aromatic |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Plantation |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Spices |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Tuber |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Fodder crop saplings |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Forest Species |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Total** |  |  | **29,800** |  |  |  |

**Production of Bio-Products**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Bio Products** | **Name of the bio-product** | **Quantity** | **Value (Rs.)** | **No. of Farmers** |
| **Kg** |
| Bio Fertilizers | Vermi compost | 621.5 | 4972 | 11 |
|  |  |  |  |  |
|  |  |  |  |  |
| Bio-pesticide |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Bio-fungicide |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Bio Agents |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Others |  |  |  |  |
|  |  |  |  |  |
| **Total** |  | **621.5** | **4972** | **11** |

Table: Production of livestock materials

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Particulars of Live stock | **Name of the breed** | **Number** | **Value (Rs.)** | **No. of Farmers** |
| **Dairy animals** |  |  |  |  |
| Cows |  |  |  |  |
| Buffaloes |  |  |  |  |
| Calves |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |
|  |  |  |  |  |
| **Poultry** |  |  |  |  |
| Broilers |  |  |  |  |
| 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** |  |  |  |  |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Samples | **No. of Samples** | **No. of Farmers** | **No. of Villages** | **Amount realized (Rs.)** |
| Soil | **398** | **398** | **5** |  |
| Water |  |  |  |  |
| Plant |  |  |  |  |
| Manure |  |  |  |  |
| Others (pl.specify) |  |  |  |  |
|  |  |  |  |  |
| **Total** | **398** | **398** | **5** |  |

VIII. SCIENTIFIC ADVISORY COMMITTEE

|  |  |
| --- | --- |
| **Name of KVK** | **Number of SACs conducted** |
| Auraiya | 01(20.09.2016) |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**IX. NEWSLETTER**

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

**X. PUBLICATIONS**

|  |  |
| --- | --- |
| **Category** | **Number** |
| Research Paper | 05 |
| Technical bulletins | 01 |
| Technical reports |  |
| Others (pl. specify) |  |
|  |  |
|  |  |
| **Total** | 06 |

**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 DROUGHT MITIGATION**

Introduction of alternate crops/varieties

|  |  |  |
| --- | --- | --- |
| **Crops/cultivars** | **Area (ha)** | **Number of beneficiaries** |
|  |  |  |
|  |  |  |
| 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**

1. **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** |  |  |  |  |

**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**

**Success Story**

***Self employment through Stitching of Garment***

**Name:** **Anupam Devi**

**Husband Name**: Sh. Gauri Shankar

**Address**: Vill.Kutubpur, Dibiyapur, Auraiya

**Education**: 8th

**Land holdings:** 0.5 acar

**Occupation**: Stitching of Garments

Smt. Anupam Devi is a housewife. One day I went to her home and tell about KVK activities for farmer / farm women. Then she urges to learn stitching of garments. After that she attained 10 days training program on “Tailoring of garments for income generation” at KVK, Auraiya. After the training she also came KVK for refinement. Presently she is stitching the garments in har home and earns Approx. Rs .8000-10,000-/ per month along with household activities. Besides this activity she involve in Kitchengardeing as well as Dairy Activity also. Firstly she invested Rs.3000 for purchasing Sewing Machine and its related materials. Now a days she involve her daughter for help in stitching like heaming etc. She also trained the other women who want to do willingness.

**Self employment and Entrepreneurship development**

**Name:** **Md. Nadeem**

**Father’s Name**:

**Address**: Auraiya

**Education**: B.Tech.

**Land holdings:** 0.5 acare

**Occupation**: Value Addition of Fruits and Vegetables

Mo. Nassem is a student of B. Tech.. After education he join a private company but he was not satisfied his job. On the basis of news paper coverage he came at at KVK to meet Dr. Phool Kumari SMS, (Home Science). Then he know about food preservation and visit the pickle unit at Krishi Vigya Kendra Parwaha , Auraiya. After that Dr. Kumari provide technical guidance to Md. Nassem and he established a *Pickle Industry (Foodie)* at Auraiya on dated 24.05.2016.Now he sale 70-100kg Pickle /day and Tomato Sauce 90- 100 kg/ day and earn money Rs.14000-15000/ day.

**XIV. AGRICULTURAL TECHNOLOGY INFORMATION CENTRE**

1. **Details on ATICs**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Name of the ATIC** | **Name of the Host Institute** | **Name of the ATIC Manager** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. **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 |  |

1. **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) |  |  |

1. **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 addition** | **Animal Husbandry and fisheries** |
| 01 | Kisan Call Centre / other Phone calls from farmers |  |  |  |  |  |  |  |  |  |
| 02 | Video shows |  |  |  |  |  |  |  |  |  |
| 03 | Letters received |  |  |  |  |  |  |  |  |  |
| 04 | Letters replied |  |  |  |  |  |  |  |  |  |
| 05 | Training to farmers / technocrats / students |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 07 | 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) |  |  |  |

1. **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:**

1. **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)** |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

1. **Workshops / meetings organized**

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

1. **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 |  |  |  |

1. **Publication on Technology inventory**

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

**Technological Products provided to KVKs**

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

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