**ANNUAL REPORT (April-2017-March-2018)**

**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 | 89 | 1924 | 425 | 2349 |
| Rural youths | 9 | 172 | 30 | 202 |
| Extension functionaries | 5 | 92 | 37 | 129 |
| Sponsored Training | - | - | -- | - |
| Vocational Training | - | - | - | - |
| **Total** | **103** | **2188** | **492** | **2680** |

1. **Frontline demonstrations**

|  |  |  |  |
| --- | --- | --- | --- |
| **Enterprise** | **No. of Farmers** | **Area (ha)** | **Units/Animals** |
| Oilseeds | 200 | 80.0 |  |
| Pulses | 175 | 70.0 |  |
| Cereals | 50 | 18.0 |  |
| Vegetables | 30 | 3.0 |  |
| Other crops (Fodder crop) | 30 | 3.0 |  |
| Hybrid crops | 20 | 1.4 |  |
| **Total** | **505** | **175.4** |  |
| Livestock & Fisheries | 75 | 100 |  |
| Other enterprises  ( Kitchen garden) | 40 | 6000m2 |  |
| **Total** | 115 | 100/6000m2 |  |
| **Grand Total** | 620 | 175.4/100no./6000m2 |  |

1. **Technology Assessment & Refinement**

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | **No. of Technology Assessed & Refined** | **No. of Trials** | **No. of Farmers** |
| **Technology Assessed** |  |  |  |
| Vegetable cafeteria Crops | 02 | 05 | 05 |
| Livestock | 04 | 10 | 10 |
| Crops | 03 | 03 | 03 |
| Oilseed | 00 | 00 | 00 |
| Pulses | 03 | 03 | 03 |
| **Total** | 09 | 18 | 18 |
| **Technology Refined** |  |  |  |
|  |  |  |  |
| Livestock |  |  |  |
| Various enterprises |  |  |  |
| **Total** |  |  |  |
| **Grand Total** | **09** | **18** | **18** |

1. **Extension Programmes**

|  |  |  |
| --- | --- | --- |
| **Category** | **No. of Programmes** | **Total Participants** |
| Extension activities | 82 | 19749 |
| Other extension activities | 06 | 15575 |
| **Total** | 88 | 35324 |

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** |
|  | 53 | 53 | 14 | 12 | - | - | - | - |

1. **Seed & Planting Material Production**

|  |  |  |
| --- | --- | --- |
|  | **Quintal/Number** | **Value Rs.** |
| Seed (q) | 51.2 | 172200 |
| Planting material (No.) | 21670 | 650 |
| Bio-Products (kg) | 3761 | 21670 |
| Livestock Production (No.) | 11 |  |
| Fishery production (No.) | - | - |

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

|  |  |  |
| --- | --- | --- |
| **Samples** | **No. of Beneficiaries** | **Value Rs.** |
| Soil | 45 | 00 |
| Water |  |  |
| Plant |  |  |
| **Total** | **45** | **00** |

1. **HRD and Publications**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Category** | **Number** |
| 1 | Workshops | 05 |
| 2 | Conferences | 03 |
| 3 | Meetings | 05 |
| 4 | Trainings for KVK officials | 12 |
| 5 | Visits of KVK officials | 10 |
| 6 | Book published | 00 |
| 7 | Training Manual | 01 |
| 8 | Book chapters | 06 |
| 9 | Research papers | 03 |
| 10 | Lead papers | 00 |
| 11 | Seminar papers | 01 |
| 12 | Extension folder | 05 |
| 13 | Proceedings | 11 |
| 14 | Award & recognition | 00 |
| 15 | Ongoing research projects | 00 |

**DETAIL REPORT OF APR**

**(April-2017 March-2018)**

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, 2018)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 20850.00 | 29.09.2010 | Permanent | OBC | 9410852089 | 43Y, 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 | 27730.00 | 18.03.2008 | Permanent | General | 9453721026 | 39Y, 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 | 27430.00 | 24.03.2008 | Permanent | General | 9045432191 | 35Y, 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 | 27430.00 | 01.10.2008 | Permanent | OBC | 9412185577 | 45Y, 3M, 11D | [ipsingh19@rediffmail.com](mailto:ipsingh19@rediffmail.com) |
| 6 | Subject Matter  Specialist | Vacant | S.M.S.  (Soil Science)/T6 | Soil Science | 15,600 -39,100  GP-5400 | - | - | - | - | - | - | - |
| 7 | Subject Matter  Specialist | Vacant | S.M.S (Home Science) /T6 | Home Science | 15,600 -39,100  GP-5400 | - | - | - | - | - | - | - |
| 8 | Accountant / Superintendent | Sh. Jaswant Singh | Office Superintendent- cum- Accountant /T4 | Account | 9,300 – 34,800  GP-4200 | 17660.00 | 10.03.2008 | Permanent | General | 9897915332 | 39Y, 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 | 17660.00 | 15.03.2008 | Permanent | General | 9453884628 | 34Y, 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 | 17660.00 | 19.03.2008 | Permanent | General | 9412853074 | 56Y, 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 | 14330.00 | 22.09.2015 | Permanent | OBC | 9889442991 | 29 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 | 11050.00 | 10.06.2008 | Permanent | OBC | 9412853073 | 46Y, 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 | 23Y2 Month,22 Days | [amritpalkvk@gmail.com](mailto:amritpalkvk@gmail.com) |
| 15 | Supporting staff | Sh. Kuldeep Singh | Supporting staff | - | 5,200 – 20,200  GP-1800 | 9170.00 | 14.03.2008 | Permanent | H.C./ OBC | 8954038477 | 41Y, 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 | 208 m2 |
| 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 2018 | **Present status** |
| Tractor – Farm Trac- 60 DLX ADI Tractors, 3Cyl. 50 HP | March 2008 | 4,70,000 | 281 Hr. (1April, 2017  to 31 March, 2018 | Working |
| Motor Cycle – Hero Honda Splender plus | May 2008 | 46584.00 | - | Theft |
| Motor Cycle- Hero Honda Super Splender | March 2009 | 48416.00 | 63664 | Working |
| Jeep Bolero- BOL SLX MDI –TC 2WD NGT BS2 7STR RP HC PW | March 2009 | 599947.00 | 143731 | 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. | 18.09.2017 | Dr. U. S. Gautam  Director ICAR-Agricultural Technology Application Research Institute, Kanpur | * Mr. Upendra Kumar Singh PA (Computer) to give ICT Lab incharge and mention all portals, website and E-mail . * Dr. Sandeep Kumar Singh SMS (Agronomy) to give sufficient fund for soil test lab & also Mr. Anku Jha Progame Assistant (Agriculture) assist for soil test lab. * Deputed Dr. Sandeep Kumar Singh SMS (Agronomy) as KVK Farm Incharge. * All the scientist to be visit KVK farm as per schedule      * Add 1000 farmers though mobile advisory and sand them message. * Backyard poultry will not be done in OFT and FLD only done for self employment generation. | * Mr.. Upendra Kumar Singh PA (Computer) given ICT Lab incharge and maintained all portals, website and E-mail . * Dr. Sandeep Kumar Singh SMS (Agronomy) give sufficient fund for soil test lab & also assist Mr. Anku Jha Progame Assistant (Agriculture) for soil test lab. * Dr. Sandeep Kumar Singh SMS (Agronomy) given additional work as a KVK farm incharge * All the scientist visiting KVK farm as per schedule * 1000 farmers added in M-Kisan portal & send the SMS Regularly * OFT & FLD not conducted on Backyard poultry |
| 2. | Dr. Rajesh Kumar  ICAR-Indian Institute of Pulses Research Kanpur | * KVK, Auraiya to be send letter to IIPR for involve deferent activities | * KVK, Auraiya send letter to IIPR for deferent activities |
| 4. | Dr. Chandan Kumar  District Development Manager, NABARD, Etawah | * KVK, Auraiya to be conduct all activities collaboration with Bank. | * KVK, Auraiya conducted all activities collaboration with Bank. |
|  |  |
| 3 | Dr. B.S. Bhadauria Assistant Professor Animal Husbandry Janata College Ajitmal Auraiya | * Deworming programme to be conduct for all cattle in a adopted village of KVK, Auraiya | * Deworming programme conducted collaboration with DAHO, Auraiya for all cattle in a adopted village of KVK, Auraiya. |
| 4 | Dr. Umesh Dubey Professor, Agronomy  Janata College Ajitmal Auraiya | * Scientist of KVK, Auraiya to be depute for lector in Janata College Ajitmal Auraiya | * Scientist of KVK, Auraiya deputed for lector in Janata College Ajitmal Auraiya |

***Llist of participants in SAC***

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No.** | **Name of SAC Member** | **Designation** | **Address** |
| 1. | Sh. Amandeep Singh Sidhu | Chairman | Krishi Vigyan Kendra, Auraiya |
| 2. | Dr. U. S. Gautam | Director | ICAR-Agricultural Technology Application Research Institute, Kanpur |
| 3. | Dr. R. B. Singh | Assistant Director  Agriculture Extension | Chandra Shekhar Azad Agriculture and Technology University, Kanpur |
| 4 | Dr. Rajesh Kumar | Principal Scientist  Agriculture Extension | ICAR-Indian Institute of Pulses Research Kanpur |
| 4. | Dr. Chandan Kumar | District Development Manager | NABARD, Etawah |
| 5. | Dr. B.S. Bhadauria | Assistant Professor  Animal Husbandry | Janata College Ajitmal, Auraiya |
| 6 | Dr. Umesh Dubey | Professor, Agronomy | Janata College Ajitmal, Auraiya |
| 7 | Sh. R. B. Varma | AAO | ICAR-Agricultural Technology Application Research Institute |
| 8 | Sh. Dharmendra Kumar | DHI | Horticulture Department, Auraiya |
| 9 | Sh. Rana Pratap Singh | Farmers | Singanpur, Auraiya |
| 10 | Dr. Anant Kumar | Incharge Senior Scientist and Head | Krishi Vigyan Kendra, Auraiya |
| 11 | Sh. Anil Kumar Singh | Representative District Agriculture Officer | Agriculture Department, Auraiya |
| 12 | Dr. S.P. Yadav | Chief Medical Officer | Animal Husbandry Department, Bhagyanagar, 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, 2017 | 498.8 | 44 | 18 | 35 |
| May, 2017 | 45 | 19 | 29 |
| June, 2017 | 45 | 25 | 56 |
| July, 2017 | 38 | 26 | 68 |
| August, 2017 | 37 | 25 | 78 |
| September, 2017 | 38 | 23 | 74 |
| October, 2017 | 38 | 16 | 64 |
| November, 2017 | 34 | 08 | 72 |
| December, 2017 | 29 | 06 | 68 |
| January, 2018 | 29 | 05 | 67 |
| February, 2018 | 35 | 08 | 59 |
| March, 2018 | 39 | 15 | 43 |

**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 (2017-18)**

| 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. |

**2.9 Intervention/ Programmes for the doubling the farmers income – during 2017-18 Demonstrations**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Before Interventions** | **Main crop**  **Yield(q/ha)** | **Inter crop Yield(q/ha)** | **Equivalent Yield(q/ha)** | **Cost of cultivation(Rs/ha)\*** | **Net income(Rs/ha)** | **B.C: Ratio** | **Remark if any** |
| Intercropping System(Kharif-Rabi-Zaid) -Livestock etc. | Wheat |  |  |  |  |  |  |
| Kharif – Paddy  Rabi – Wheat  Zaid- Fallow | Paddy – (43.00)  Wheat – (58.4) | 00 | 101.4 | 63000 | 86586 | 2.37 |  |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **After**  **Interventions** | **Main crop**  **Yield(q/ha)** | **Inter crop Yield(q/ha)** | **Equivalent yield(q/ha)** | **Cost of cultivation(Rs/ha)\*** | **Net income(Rs/ha)** | **B.C: Ratio** | **Remark if any** |
| Intercropping System(Kharif-Rabi-Zaid) -Livestock etc. |  |  |  |  |  |  |  |
| Kharif – Paddy  Rabi – Wheat  Zaid- Fallow | Paddy (Basmati)- (38.1)  Mustard- (23.8)  Greengram- (10.49) | 00 | 72.29 | 78325 | 217 | 2.78 |  |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Before Interventions** | **Main crop**  **Yield(q/ha)** | **Inter crop Yield(q/ha)** | **Equivalent Yield(q/ha)** | **Cost of cultivation(Rs/ha)\*** | **Net income(Rs/ha)** | **B.C: Ratio** | **Remark if any** |
| Intercropping System(Kharif-Rabi-Zaid) -Livestock etc. | Wheat |  |  |  |  |  |  |
| Kharif – Paddy  Rabi – Wheat  Zaid- Fallow | Paddy – (43.00)  Wheat – (58.4) | 00 | 101.4 | 63000 | 86586 | 2.37 |  |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **After**  **Interventions** | **Main crop**  **Yield(q/ha)** | **Inter crop Yield(q/ha)** | **Equivalent yield(q/ha)** | **Cost of cultivation(Rs/ha)\*** | **Net income(Rs/ha)** | **B.C: Ratio** | **Remark if any** |
| Kharif – Paddy  Rabi – Wheat  Zaid- Fallow | Paddy (Basmati)- (38.1)  Mustard- (23.8)  Greengram- (10.49) | 00 | 72.29 | 78325 | 217881 | 2.78 |  |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Before Interventions** | **Main crop**  **Yield(q/ha)** | **Inter crop Yield(q/ha)** | **Equivalent yield(q/ha)** | **Cost of cultivation(Rs/ha)\*** | **Net income(Rs/ha)** | **B.C: Ratio** | **Remark if any** |
| Mono Cropping System(Kharif-Rabi-Zaid) -Livestock etc. | Paddy – (43.00)  Wheat – (58.4) | 00 | 101.4 | 63000 | 86586 | 2.37 |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **After**  **Interventions** | **Main crop Yield(q/ha)** | **Inter crop Yield(q/ha)** | **Equivalent yield(q/ha)** | **Cost of cultivation(Rs/ha)\*** | **Net income(Rs/ha)** | **B.C: Ratio** | **Remark if any** |
| Mono Cropping System(Kharif-Rabi-Zaid) -Livestock etc. |  |  |  |  |  |  |  |
| Kharif – Paddy  Rabi – Wheat  Zaid- Fallow  Goat Rearing with 20 animals | Paddy – 50.0  Wheat – 45.0 | - | - | 180000 | 290000 | 2.61 |  |
|  |  |  |  |  |  |  |  |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Before Interventions** | **Main crop Yield(q/ha)** | **Inter crop Yield(q/ha)** | **Equivalent yield(q/ha)** | **Cost of cultivation(Rs/ha)\*** | **Net income(Rs/ha)** | **B.C: Ratio** | **Remark if any** |
| Relay Cropping System(Kharif-Rabi-Zaid) -Livestock etc. | Kharif Maize (53.4)  Potato (230) | 00 | 283.4 | 1596000 | 88260 | 1:95 |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **After**  **Interventions** | **Main crop Yield(q/ha)** | **Inter crop Yield(q/ha)** | **Equivalent yield(q/ha)** | **Cost of cultivation(Rs/ha)\*** | **Net income(Rs/ha)** | **B.C: Ratio** | **Remark if any** |
| Relay Cropping System(Kharif-Rabi-Zaid)-Livestock etc. | Early season carrot (232)  Potato (245) | 00 | 477 | 200738 | 657111 | 5.39 |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

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

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

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

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

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

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

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

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

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

Note- Same format may be used for OFT.

**3. TECHNICAL ACHIEVEMENTS**

**A. Details of target and achievements of mandatory activities by KVK during 2017-18**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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** |
| **08** | **05** | **40** | **21** | **90.0** | **181.1** | **310** | **620** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | 76 | 48 | 1550 | 2244 | 305 |  | 14239 |  |
| Rural youth | 22 | 07 | 423 | 156 |  |  |  |  |
| Extn.  Functionaries | 19 | 05 | 495 | 129 |  |  |  |  |
| **Total** | **117** | **103** | **2468** | **2680** |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seed Production (Qtl.)** | | | **Planting material (Nos.)** | | |
| **5** | | | **6** | | |
| **Target** | **Achievement** | **Distributed to no. of farmers** | **Target** | **Achievement** | **Distributed to no. of farmers** |
| 200 | 51.2 | 61 | 20000 | 196700 | 230 |

# 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 | Maize | Varietal evaluation of high yielding hybrid Maize | 03 | 03 |
| Chickpea | Performance of weedicides for higher production of chickpea | 03 | 03 |
|  | Carrot | Varietal evaluation of early variety of carrot (Heat tolerant) | 05 | 05 |
|  |  |  |  |  |
| 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 |  |  |  |  |
|  |  |  |  |
| Others (Pl. specify)  Malnutrition |  |  |  |  |
| **Total** | | | **11** | **11** |

**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 | Buffaloes | Feeding of mineral mixture, herbel drug and deworming at proper time to regulate normal fertility | 05 | 05 |
| Nutrition Management | Goat | Performance of urea mineral molasses bloc for increase growth rate of Goat | 05 | 05 |
| Production and Management |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |
| **Total** | | | 10 | 10 |

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

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

# I. B. TECHNOLOGY REFINEMENT

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 maize

**Technology Assessed:** Varietal evaluation of high yielding hybrid Maize

Krishi Vigyan Kendra, Parwaha, Auraiya conducted On Farm Trial on Varietal evaluation of high yielding hybrid Maize namely P-3522 and P 3533. The P-3533 performed growth is better than P-3522 crop are stand in field so result is awaited

***Table:-*** *Varietal evaluation of high yielding hybrid Maize*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Technology Option** | **No. of trials** | **Yield (t/ha)** | **Net Returns**  **(Rs Lakh./ha)** | **B :C Ratio** |
| T1 – P-3522 | 03 | Result awaited | | |
| T2 – P3533 |

**Varietal Evaluation**

**Problem definition:** Low yield due to high density of weeds

**Technology Assessed:** Performance of weedicides for higher production of chickpea

Krishi Vigyan Kendra, Parwaha, Auraiya conducted On Farm Trial on Performance of weedicides for higher production of chickpea namely T1 Farmers Practice (hand weeding after 35 days of sowing) T2- Pendimethelin stamp extra 750 gram,38.7 ai /ha + Clodinafos 400 gm/ha T3 - Targa supar 400ml /ha T 2 performed higher yield 2.24 t/ha as compared with T1 and T3.

***Table:-*** *Performance of weedicides for higher production of chickpea*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Technology Option** | **No. of trials** | **Yield (t/ha)** | **Net Returns**  **(Rs Lakh./ha)** | **B :C Ratio** |
| T1 Farmers Practice (hand weeding after 35 days of sowing) | 03 | 2.09 | 0.49160 | 2.61 |
| T2- Pendimethelin stamp extra 750 gram,38.7 ai /ha + Clodinafos 400 gm/ha | 2.24 | 0.54132 | 2.75 |
| T3 - Targa supar 400ml /ha | 1.86 | 0.40920 | 2.41 |

**Varietal Evaluation**

**Problem definition:** Low income in Carrot in Kharif season.

**Technology Assessed or Refined (as case may be):** Varietal evaluation of early variety of carrot (Heat tolerant)

Krishi Vigyan Kendra, Parwaha, Auraiya conducted On Farm Trial on Carrot to assessed appropriate for early sowing beginning in July. This is a heat tolerant carrot variety Pusa Vrishti.and find the results Variety Pusa Vrishti is 232 q/ha and Local Variety 169.2 q/ha yield and Increased yield 27.06 % than local variety and net profit of Rs. 5.78 lac per hec .

***Table:- Performance of Carrot variety***. (Heat tolerant)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Technology Option** | **No. of trials** | **Yield (t/ha)** | **Net Returns**  **(Rs Lakh./ha)** | **B :C Ratio** |
| T1 Farmers Practice (Samradhi) | 05 | 169.2 | 3,04,231 | 5:47 |
| T2- Pusa Vrishti | 232.0 | 5,78,861 | 9:18 |

**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 block for increase growth rate of Goat T1- Farmers Practice (Grazing Only) and T2- Grazing and UMM Block (Recommended by IVRI Barely).

**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 |

**Livestock Enterprises**

**Name of Animal: -**  **Buffaloes**

**Title of OFT:** Feeding of mineral mixture, herbal drug and deworming at proper time to regulate normal fertility

**Problem Definition: -** **Repeat breeding in buffaloes due to micro nutrient deficiency and infestation of internal parasite**

KVK, Auraiya conducted an On Farm Trial on Feeding of mineral mixture, herbel drug and deworming at proper time to regulate normal fertility T1- Farmers Practice (Feed and Fodder) and T2- Feeding of mineral mixture 60gm. per day, fertisule bolus and deworming at proper time Result are awaited of this OFT .

**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 Farmers Practice (Feed and Fodder) | 05 | Result awaited | | | | |
| T2 Feeding of mineral mixture 60gm. per day, fertisule bolus and deworming at proper time |

**II. FRONTLINE DEMONSTRATION**

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

List of technologies demonstrated during previous year and popularized during 2016-17 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 | Varietal Evaluation | Promotion of improved variety GNG 1581 | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 02 | 25 | 10.0 |
| 2. | Paddy | Varietal Evaluation | Promotion of improved variety CSR-36 | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 25 | 125 | 60.0 |
| 3. | Pigeon Pea | Varietal Evaluation | Promotion of improved variety | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 05 | 25 | 20.0 |
| 4. | Mustard IPO IARI | Varietal Evaluation | Promotion of improved variety | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 02 | 25 | 10.0 |
| 5. | Mustard | Varietal Evaluation | Promotion of improved variety | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 02 | 25 | 10.0 |
| 6. | Moong | Varietal Evaluation | Promotion of improved variety | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 10 | 50 | 20.0 |
| 7. | Paddy IARI | Varietal Evaluation | Promotion of improved variety | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 05 | 25 | 10.0 |
| 8. | Paddy IARI | Varietal Evaluation | Promotion of improved variety | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 05 | 25 | 10.0 |
| 9. | Wheat IARI | Varietal Evaluation | Promotion of improved variety | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 10 | 50 | 20.0 |
| 10. | Wheat IARI | Varietal Evaluation | Promotion of improved variety | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 10 | 50 | 20.0 |
| 11. | Wheat IARI | Varietal Evaluation | Promotion of improved variety | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 10 | 50 | 20.0 |
| 12. | Berseem (Green Fodder) Bundel-1 | Fodder Production | Green Fodder Production | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 02 | 10 | 2.0 |
| 13. | Oat (Green Fodder) JHO-822 | Fodder Production | Green Fodder Production | Demonstration, Field Day, Training, Kisan Gosthis Etc. | 04 | 20 | 2.0 |
| 14 | 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 2017-18 (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 | Paddy (CSR – 36) | Varietal | Promotion of Salt tolerant variety | Kharif – 2017 | 20.0 | 10.0 | 05 | 20 | 25 |  |
| 2 | Paddy ( Pusa Basmati -1121) Catat, IARI | Varietal | Promotion of basmati rice | Kharif – 2017 | 0 | 1.0 | 0 | 03 | 03 |  |
| 3 | Paddy ( Pusa Basmati -1460) Catat, IARI | Varietal | Promotion of basmati rice | Kharif – 2017 | 0 | 3.6 | 02 | 10 | 12 |  |
| 4 | Paddy ( Pusa Basmati -1612) IPO-IARI | Varietal | Promotion of basmati rice | Kharif – 2017 | 0 | 1.0 | 0 | 05 | 05 |  |
| 5 | Paddy ( Pusa Basmati -1509) IPO-IARI | Varietal | Promotion of basmati rice | Kharif – 2017 | 0 | 1.0 | 0 | 05 | 05 |  |
| 6 | Maize (p-1844) | Varietal | Promotion of Hyb. Maze for higher production | Zaid, 2018 | 0 | 8.0 | 07 | 13 | 20 |  |
| 7 | Mustard (RH-749) CFLD | Varietal | Promotion of Oilseed crop | Rabi – 2017-18 | 50.0 | 50.0 | 11 | 114 | 125 |  |
| 8 | Moong (PDM-139) CFLD | Varietal | Promotion of Pulses | Zaid – 2018 | 30.0 | 50.0 | 01 | 124 | 125 |  |
| 9 | Blackgramm (IMU-1-43) CFLD | Varietal | Promotion of Pulses | Zaid – 2018 | 20.0 | 20.0 | 07 | 43 | 50 |  |
| 10 | Ground Nut (girnor-2) CFLD | Varietal | Promotion of Oilseed crop | Zaid – 2018 | 0.0 | 20.0 | 05 | 45 | 50 |  |
| 11 | Sunflower (NSFH-1001)CFLD | Varietal | Promotion of Oilseed crop | Zaid – 2018 | 20.0 | 10.0 | 03 | 22 | 25 |  |
| 12 | Sorghum (Green Fodder) | Fodder Production | Green Fodder Production | Zaid 2018 | 3.0 | 3.0 | 06 | 24 | 30 | NA |
| 13 | Buffalos | Feeding Management | Feeding of mineral mixture and deworming at proper time for increasing milk production | October 2017 | 50 | 50 | 05 | 45 | 50 | NA |
| 14 | Calves | Disease Management | Control of calves mortality through deworming at proper stage | March 2017 | 50 | 50 | 0 | 25 | 25 | NA |
| 15 | Chillii (Kasi Anmol) | Varietal | Promotion of high yielding variety of chilli | Zaid, 2018 | 1.2 | 1.5 | 0 | 10 | 10 |  |
| 16 | Okra (kasi Kranti) | Varietal | Promotion of high yielding variety of Okra | Zaid, 2018 | 1.0 | 1.0 | 0 | 10 | 10 |  |
| 17 | Onion (NHRDH Red-3) | Varietal | Promotion of high yielding variety of Onion | Rabi-2017-18 | 1.0 | 1.0 | 0 | 10 | 10 |  |
| 18 | Nutritional Garden | House Hold Food Security | Promotion of high yielding variety of Nutrional Garden | Around The year | 40 | 40 | 03 | 37 | 40 |  |
| **Total** | | | | |  | 181.1 / 140 | **55** | **565** | **620** |  |

**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 |
| Paddy (CSR – 36) | Kharif – 2017 | Irrigated | Sandy loam | M | M | H | Wheat | 12/07/2017 | 02/11/2017 |  |  |
| Paddy ( Pusa Basmati -1121) Catat, IARI | Kharif – 2017 | Irrigated | Sandy loam | M | M | H | Wheat | 12/07/2017 | 25/10/2017 |  |  |
| Paddy ( Pusa Basmati -1460) Catat, IARI | Kharif – 2017 | Irrigated | Sandy loam | M | M | H | Wheat | 16/07/2017 | 28/10/2017 |  |  |
| Paddy ( Pusa Basmati -1612) IPO-IARI | Kharif – 2017 | Irrigate | Sandy loam | M | M | H | Wheat | 16/07/2017 | 28/10/2017 |  |  |
| Paddy ( Pusa Basmati -1509) IPO-IARI | Kharif – 2017 | Irrigated | Sandy loam | M | M | H | Wheat | 16/07/2017 | 20/10/2017 |  |  |
| Maize (p-1844) | Zaid, 2018 | Irrigate | Sandy loam | M | M | H | Potato | 09/03/2018 | - |  |  |
| Mustard (RH-749) CFLD | Rabi – 2017-18 | Irrigated | Sandy loam | M | M | H | Maize | 12/10/2017 | 23/02/2018 |  |  |
| Moong (PDM-139) CFLD | Zaid – 2018 | Irrigate | Sandy loam | M | M | H | Potato | 10/03/2018 |  |  |  |
| Blackgramm (IMU-1-43) CFLD | Zaid – 2018 | Irrigated | Sandy loam | M | M | H | Potato | 10/03/2018 |  |  |  |
| Ground Nut (girnor-2) CFLD | Zaid – 2018 | Irrigate | Sandy loam | M | M | H | Potato | 12/03/2018 |  |  |  |
| Sunflower (NSFH-1001)CFLD | Zaid – 2018 | Irrigated | Sandy loam | M | M | H | Potato & Mustard | 10/03/2018 |  |  |  |
| Sorghum (Green Fodder) | Zaid 2018 | Irrigated | Sandy Loam | L | L | M | Wheat | - | - |  |  |
| Chillii (Kasi Anmol) | Zaid, 2018 | Irrigated | Sand yLoam | L | L | M | Mustard | 2-8/11/2017 |  |  |  |
| Okra (kasi Kranti) | Zaid, 2018 | Irrigated | Sand y Loam | L | L | M | Potato | 22-25/03.2018 |  |  |  |
| Onion (NHRDH Red-3) | Rabi-2017-18 | Irrigated | Sandy Loam | L | L | M | Paddy | 23-28/11/2017 |  |  |  |
| Buffalos | Oct. 2017 | - | - | - | - | - | - | - | - |  |  |
| Calves | March 2018 | - | - | - | - | - | - | - | - |  |  |
| Nutritional Garden | Around the year | Irrigated | Sand Loam | L | L | M | - | - | - |  |  |

Technical Feedback on the demonstrated technologies

|  |  |  |
| --- | --- | --- |
| **S. No** | **Crop enterprices** | **Feed Back** |
| 1. | Paddy (CSR – 36) | Very good variety |
| 2 | Paddy ( Pusa Basmati -1121) Catat, IARI | Very good variety |
| 3. | Paddy ( Pusa Basmati -1460) Catat, IARI | Very good variety |
| 4. | Paddy ( Pusa Basmati -1612) IPO-IARI | Very good variety |
| 5. | Paddy ( Pusa Basmati -1509) IPO-IARI | Very good variety |
| 6 | Maize (p-1844) | Very good variety |
| 7. | Mustard (RH-749) CFLD | Very good variety |
| 8. | Moong (PDM-139) CFLD | Crop Stand |
| 9. | Blackgramm (IMU-1-43) CFLD | Crop Stand |
| 10. | Ground Nut (girnor-2) CFLD | Crop Stand |
| 11 | Sunflower (NSFH-1001) CFLD | Crop Stand |
| 12 | Sorghum (Green Fodder) | More fodder cutting & product ion |
| 13 | Buffalos (Mineral Mixture) | Milk production is increase and timely inseminate |
| 14 | Calves (Deworming) | Calves mortality is very low |
| 15 | Chillii (Kasi Anmol) | Crop Stand |
| 16 | Okra (kasi Kranti) | Crop Stand |
| 17 | Onion (NHRDH Red-3) | Crop Stand |

**Farmers’ reactions on specific technologies**

|  |  |
| --- | --- |
| **S. No** | **Feed Back** |
| Paddy (CSR – 36) | This technology farmers appreciated |
| Paddy ( Pusa Basmati -1121) Catat, IARI | This technology farmers appreciated |
| Paddy ( Pusa Basmati -1460) Catat, IARI | This technology farmers appreciated |
| Paddy ( Pusa Basmati -1612) IPO-IARI | This technology farmers appreciated |
| Paddy ( Pusa Basmati -1509) IPO-IARI | This technology farmers appreciated |
| Maize (p-1844) | This technology farmers appreciated |
| Mustard (RH-749) CFLD | This technology farmers appreciated |
| Moong (PDM-139) CFLD | Crop Stand |
| Blackgramm (IMU-1-43) CFLD | Crop Stand |
| Ground Nut (girnor-2) CFLD | Crop Stand |
| Sunflower (NSFH-1001) CFLD | Crop Stand |
| Sorghum (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 |
| Chillii (Kasi Anmol) | Crop Stand |
| Okra (kasi Kranti) | Crop Stand |
| Onion (NHRDH Red-3) | Crop Stand |

**Extension and Training activities under FLD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Activity** | **No. of activities organized** | **Date** | **Number of participants** | **Remarks** |
| 1 | Field day | 07 | April, 2017 to March, 2018 | 304 |  |
| 2 | Farmers Training | 17 | 545 |  |
| 3 | Media Coverage | 20 | - |  |
| 4 | Training for Extension functionaries | 01 | 25 |  |

**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 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Girnar-2 | Varietal | Varietal | Girnar-2 | 50 | 20.0 | Crop Stand | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sesamum |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mustard |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (RH-749) CFLD | Varietal | Varietal | RH-749 | 125 | 50.0 | 24.4 | 20.8 | 23.8 | 20.9 | 13.9 | 23325 | 78578 | 55253 | 3.37 | 22180 | 69073 | 46893 | 3.11 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Toria |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Linseed |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sunflower |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NSFH-1001 | Varietal | Varietal | NSFH-1001 | 25 | 10.0 | Crop Stand | | | | | | | | | | | | |
| Soybean |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** | | | | 200 | 80.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

\*\* BCR= GROSS RETURN/GROSS COST

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 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Black gram |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| IPU-2-43 | Varietal | Varietal | IPU-2-43 | 50 | 20.0 | Crop Stand | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Green gram |  |  |  |  |  |  | | | | | | | | | | | | |
| PDM-139 | Varietal | Varietal | PDM-139 | 125 | 50.0 | Crop Stand | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Chickpea |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fieldpea |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lentil |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Horsegram |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  | 175 | 70 |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* 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 | Varietal | Salt Tolerant Variety | 25 | 10.0 | 60.5 | 51.9 | 58.8 | 53.4 | 10.22 | - | - | 31000 | 76486 | 45486 | 2.47 | 31000 | 69420 | 38420 | 2.24 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Waterlogged Situation** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Coarse Rice** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Scented Rice** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Paddy ( Pusa Basmati -1121) Catat, IARI | Varietal | Varietal | 03 | 1.0 | 38.4 | 37.8 | 38.1 | 54.0 | -29.4 |  |  | 28500 | 95250 | 66750 | 3.3 | 27580 | 70200 | 42620 | 2.5 |
| Paddy ( Pusa Basmati -1460) Catat, IARI | Varietal | Varietal | 12 | 3.0 | 41.0 | 38.50 | 39.83 | 54.0 | -26.25 |  |  | 28500 | 87615 | 59515 | 3.07 | 27580 | 70200 | 42620 | 2.55 |
| Paddy ( Pusa Basmati -1612) IPO-IARI | Varietal | Varietal | 05 | 2.0 | 49.1 | 45.3 | 47.1 | 54.4 | -13.4 |  |  | 29500 | 89552 | 59952 | 3.03 | 30000 | 70720 | 40720 | 2.36 |
| Paddy ( Pusa Basmati -1509) IPO-IARI | Varietal | Varietal | 05 | 2.0 | 41.0 | 38.8 | 40.14 | 54.28 | -26.05 |  |  | 28700 | 80280 | 51580 | 2.80 | 29500 | 70564 | 41064 | 2.39 |
| **Wheat** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Wheat Timely sown** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Wheat Late Sown** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Mandua** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Barley** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Maize (Rabi) P-3522** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Maize (Zaid) P-1844** | Varietal | ` Varietal | 20 | 1.4 | Crop Stand | | | | | | | | | | | | | | |
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| **Amaranth** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Millets** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Jowar** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Bajra** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Barnyard millet** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **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** | **HYV** | **Kasi Anmol** | 10 | **1.5** | **-** | **Crop standing** | | | | | | | | | | | | | |
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| **Brinjal** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Vegetable pea** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Softgourd** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Okra** | **HYV** | **Kasi Kranti** | 10 | **0.5** | **-**  **Crop standing** | | | | | | | | | | | | | | |
|  |  |  |  |  |  |  | | | | | | | | | | | | | |
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| **Bottle Gaurd** |  |  |  |  |  |  | | | | | | | | | | | | | |
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| **Broccoli** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Cucumber** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Carrot |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Onion** | **HYV** | **NHRDF Red-2** | 10 | **1.0** | **Crop standing** | | | | | | | | | | | | | | |
|  |  |  |  |  |  |  | | | | | | | | | | | | | |
| **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 | 30 | 3.0 | Crop Stand | | | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Cowpea (F)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Maize (F)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Lucern** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Berseem** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Oat (F)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

FLD on Livestock

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Category** | **Thematic area** | **Name of the technology demonstrated** | **No. of Farmer** | **No.of Units (Animal/ Poultry/ Birds, etc)** | **Major parameters 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** | **Check** | **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 | 50 | 50 | 6.29 | 5.7 | 10.35 | - | - | 142 | 252 | 110 | 1.78 | 135 | 228 | 97 | 1.68 |
| Calvews | Disease Management | Control of calves mortality through deworming at proper stage | 25 | 50 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Buffalo** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Buffalo Calf** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Dairy** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Poultry** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Sheep & Goat** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Vaccination** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 75 | 100 |  |  |  |  |  |  |  |  |  |  |  |  |  |

FLD on Fisheries

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Category** | **Thematic area** | **Name of the technology demonstrated** | **No. of**  **Farmer** | **No.of units** | **Major parameters** | | **% change in major parameter** | **Other parameter** | | **Economics of demonstration (Rs.)** | | | | **Economics of check**  **(Rs.)** | | | |
| **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** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **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**

**Evaluation of availability of vegetable of Farm families through Nutritional Gardening (2017-18)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Crop** | **Thematic area** | **Technology Demonstrated** | **Season and year** | **No. of farmers/ demonstration** | | |
| **SC** | **Other** | **Total** |
| 1 | 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 2017-18 | 07 | 33 | 40 |

**Estimation of Availability of Vegetables through Kitchen Garden round the year in Rural families**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Nutritional module** 150m2 | **No. of participants** | **Require**  **ments (Kg.)** | **Availability (Kg)** | **Gap (Kg)** | **% Requirement fulfilled** | **Cost of production (Rs.)** | **Gross Income** | **Net Income** | **C.B. Ratio** |
| Small Family (5Members) | 17 | 547.5 | **565.17** | - | More than 100 | 1613.70 | **8295.66** | 6682.96 | 1:5.1 |
| Medium family (6-8 members) | 14 | 766.5 | 201.33 | 73.73 |
| Big family  ( 9members) | 09 | 985.5 | 420.33 | 57.35 |

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

**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 |  |  |  |  |  |  |  |  |  |  |
| Crop Diversification | 07 | 420 | 00 | 420 | 27 | 00 | 27 | 447 | 00 | 447 |
| 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** | 07 | 420 | 00 | 420 | 27 | 00 | 27 | 447 | 00 | 447 |
| **II Horticulture** |  |  |  |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  |  |  |  |  |
| Production of low value and high valume crops |  |  |  |  |  |  |  |  |  |  |
| Off-season vegetables |  |  |  |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  |  |  |  |  |
| Exotic vegetables |  |  |  |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total (a)** |  |  |  |  |  |  |  |  |  |  |
| **b) Fruits** |  |  |  |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  |  |  |  |  |
| Layout and Management of Orchards |  |  |  |  |  |  |  |  |  |  |
| Cultivation of Fruit |  |  |  |  |  |  |  |  |  |  |
| Management of young plants/orchards |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |
| Export potential fruits |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) Fruits & Vegetables Cultivation |  |  |  |  |  |  |  |  |  |  |
| **Total (b)** |  |  |  |  |  |  |  |  |  |  |
| **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 | 04 | 69 | 02 | 71 | 18 | 00 | 18 | 87 | 02 | 89 |
| Poultry Management |  |  |  |  |  |  |  |  |  |  |
| Piggery Management |  |  |  |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  |  |  |  |  |
| Animal Nutrition Management | 01 | 25 | 0 | 25 | 05 | 0 | 05 | 30 | 0 | 30 |
| Disease Management | 01 | 25 | 0 | 25 | 0 | 0 | 0 | 25 | 0 | 25 |
| Feed & fodder technology |  |  |  |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) Goat Breed Conservation |  |  |  |  |  |  |  |  |  |  |
| **Total** | 6 | 119 | 2 | 121 | 23 | 0 | 23 | 142 | 2 | 144 |
| **V Home Science/Women empowerment** |  |  |  |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening |  |  |  |  |  |  |  |  |  |  |
| 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 |  |  |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  |  |  |  |  |  |
| Women empowerment |  |  |  |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |
| Women and child care |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **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** | **13** | **539** | **2** | **541** | **50** | **0** | **50** | **589** | **2** | **591** |

**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 | 9 | 195 | 0 | 195 | 23 | 0 | 23 | 220 | 0 | 220 |
| Crop Diversification | 2 | 45 | 0 | 45 | 0 | 0 | 0 | 45 | 0 | 45 |
| Integrated Farming | 1 | 22 | 0 | 22 | 0 | 0 | 0 | 22 | 0 | 22 |
| Micro Irrigation/irrigation |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |
| Nursery management | 02 | 40 | 0 | 40 | 09 | 0 | 09 | 49 | 0 | 49 |
| Integrated Crop Management |  |  |  |  |  |  |  |  |  |  |
| Soil & water conservatioin |  |  |  |  |  |  |  |  |  |  |
| Integrated nutrient management | 02 | 40 | 0 | 40 | 0 | 0 | 0 | 40 | 0 | 40 |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |
| Others () |  |  |  |  |  |  |  |  |  |  |
| **Total** | 16 | 342 | 0 | 342 | 32 | 0 | 32 | 374 | 0 | 374 |
| **II Horticulture** |  |  |  |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  |  |  |  |  |
| Production of low value and high volume crops |  |  |  |  |  |  |  |  |  |  |
| Off-season vegetables | 1 | 20 | 0 | 20 | 5 | 0 | 5 | 25 | 0 | 25 |
| Nursery raising | 1 | 27 | 0 | 27 | 0 | 0 | 0 | 27 | 0 | 27 |
| Exotic vegetables |  |  |  |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  |  |  |  |  |
| Others (Storage, Harvesting and Packing) |  |  |  |  |  |  |  |  |  |  |
| **Total (a)** | 2 | 47 | 0 | 47 | 5 | 0 | 5 | 52 | 0 | 52 |
| **b) Fruits** |  |  |  |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  |  |  |  |  |
| Layout and Management of Orchards | 01 | 19 | 0 | 19 | 01 | 0 | 1 | 20 | 0 | 20 |
| Cultivation of Fruit | 2 | 23 | 0 | 23 | 19 | 0 | 19 | 42 | 0 | 42 |
| Management of young plants/orchards |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards | 01 | 22 | 0 | 22 | 0 | 0 | 0 | 22 | 0 | 22 |
| Export potential fruits |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  |  |  |  |  |
| Plant propagation techniques | 1 | 13 | 0 | 13 | 2 | 0 | 2 | 15 | 0 | 15 |
| Others (Seed Production) |  |  |  |  |  |  |  |  |  |  |
| **Total (b)** | 5 | 77 | 0 | 77 | 22 | 0 | 22 | 99 | 0 | 99 |
| **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 |  |  |  |  |  |  |  |  |  |  |
| 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 (Sanitation) |  |  |  |  |  |  |  |  |  |  |
| **Total (g)** |  |  |  |  |  |  |  |  |  |  |
| **GT (a-g)** | 7 | 124 | 0 | 124 | 27 | 0 | 27 | 151 | 0 | 151 |
| **III Soil Health and Fertility Management** |  |  |  |  |  |  |  |  |  |  |
| Soil fertility management | 7 | 138 | 0 | 138 | 9 | 0 | 9 | 147 | 0 | 147 |
| 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 | 02 | 48 | 0 | 48 | 08 | 0 | 08 | 56 | 0 | 56 |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** | 9 | 186 | 0 | 186 | 17 | 0 | 17 | 203 | 0 | 203 |
| **IV Livestock Production and Management** |  |  |  |  |  |  |  |  |  |  |
| Dairy Management | 9 | 132 | 34 | 166 | 19 | 15 | 34 | 159 | 41 | 200 |
| Poultry Management | 2 | 34 | 0 | 34 | 1 | 0 | 1 | 35 | 0 | 35 |
| Piggery Management |  |  |  |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  |  |  |  |  |
| Animal Nutrition Management | 3 | 39 | 2 | 41 | 18 | 0 | 18 | 59 | 0 | 59 |
| Disease Management | 7 | 135 | 0 | 135 | 14 | 0 | 14 | 149 | 0 | 149 |
| Feed & fodder technology | 2 | 34 | 0 | 34 | 7 | 0 | 7 | 41 | 0 | 41 |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |
| Others 1. Management of Goat and Sheep |  |  |  |  |  |  |  |  |  |  |
| **Total** | 23 | 374 | 36 | 410 | 59 | 15 | 74 | 443 | 41 | 484 |
| **V Home Science/Women empowerment** |  |  |  |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening | 4 | 14 | 85 | 99 | 1 | 19 | 20 | 15 | 104 | 119 |
| Design and development of low/minimum cost diet | 01 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 20 | 20 |
| Designing and development for high nutrient efficiency diet | 02 | 08 | 43 | 51 | 0 | 0 | 0 | 08 | 43 | 51 |
| Minimization of nutrient loss in processing | 1 | 0 | 22 | 22 | 0 | 01 | 01 | 0 | 23 | 23 |
| Processing and cooking |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  |  |  |  |  |
| Storage loss minimization techniques | 1 | 9 | 23 | 32 | 0 | 0 | 0 | 09 | 23 | 32 |
| Value addition | 3 | 0 | 69 | 69 | 0 | 03 | 03 | 0 | 72 | 72 |
| Women empowerment |  |  |  |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies | 1 | 20 | 16 | 36 | 0 | 0 | 0 | 20 | 16 | 36 |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |
| Women and child care | 2 | 0 | 47 | 47 | 13 | 0 | 13 | 13 | 47 | 60 |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** | 15 | 51 | 325 | 376 | 14 | 23 | 37 | 65 | 348 | 413 |
| **VI Agril. Engineering** |  |  |  |  |  |  |  |  |  |  |
| Farm Machinary and its maintenance |  |  |  |  |  |  |  |  |  |  |
| Installation and maintenance of micro irrigation systems |  |  |  |  |  |  |  |  |  |  |
| Use of Plastics in farming practices |  |  |  |  |  |  |  |  |  |  |
| Production of small tools and implements |  |  |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  |  |  |  |  |  |
| Small scale processing and value addition |  |  |  |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **VII Plant Protection** |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management | 2 | 42 | 0 | 42 | 6 | 0 | 6 | 48 | 0 | 48 |
| Integrated Disease Management |  |  |  |  |  |  |  |  |  |  |
| Bio-control of pests and diseases |  |  |  |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** | 2 | 42 | 0 | 42 | 6 | 0 | 6 | 48 | 0 | 48 |
| **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 (Beekeeping |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **X Capacity Building and Group Dynamics** |  |  |  |  |  |  |  |  |  |  |
| Leadership development |  |  |  |  |  |  |  |  |  |  |
| Group dynamics | 1 | 20 | 0 | 20 | 0 | 0 | 0 | 20 | 0 | 20 |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |
| Mobilization of social capital |  |  |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |
| Others (KCC) | 1 | 15 | 0 | 15 | 0 | 0 | 0 | 15 | 0 | 15 |
| Crop Insurance |  |  |  |  |  |  |  |  |  |  |
| **Total** | 2 | 35 | 0 | 35 | 0 | 0 | 0 | 35 | 0 | 35 |
| **XI Agro-forestry** |  |  |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  |  |  |  |  |  |
| Others (SWI, SRI and DSR) | 2 | 26 | 24 | 50 | 0 | 0 | 0 | 26 | 24 | 50 |
| **Total** | 2 | 26 | 24 | 50 | 0 | 0 | 0 | 26 | 24 | 50 |
| **GRAND TOTAL** | 76 | 1180 | 385 | 1565 | 155 | 38 | 193 | 1335 | 423 | 1758 |

**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 | 16 | 615 | 0 | 615 | 50 | 0 | 50 | 665 | 0 | 665 |
| Crop Diversification | 2 | 45 | 0 | 45 | 0 | 0 | 0 | 45 | 0 | 45 |
| Integrated Farming | 1 | 22 | 0 | 22 | 0 | 0 | 0 | 22 | 0 | 22 |
| Micro Irrigation/irrigation |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |
| Nursery management | 02 | 40 | 0 | 40 | 09 | 0 | 09 | 49 | 0 | 49 |
| Integrated Crop Management |  |  |  |  |  |  |  |  |  |  |
| Soil & water conservatioin |  |  |  |  |  |  |  |  |  |  |
| Integrated nutrient management | 02 | 40 | 0 | 40 | 0 | 0 | 0 | 40 | 0 | 40 |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |
| Others (Green Manyoring ) |  |  |  |  |  |  |  |  |  |  |
| **Total** | 23 | 762 | 0 | 762 | 59 | 0 | 59 | 821 | 0 | 821 |
| **II Horticulture** |  |  |  |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  |  |  |  |  |
| Production of low value and high volume crops |  |  |  |  |  |  |  |  |  |  |
| Off-season vegetables | 1 | 20 | 0 | 20 | 5 | 0 | 5 | 25 | 0 | 25 |
| Nursery raising | 1 | 27 | 0 | 27 | 0 | 0 | 0 | 27 | 0 | 27 |
| Exotic vegetables |  |  |  |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  |  |  |  |  |
| Others (Storage, Harvesting and Packing) |  |  |  |  |  |  |  |  |  |  |
| **Total (a)** | 2 | 47 | 0 | 47 | 5 | 0 | 5 | 52 | 0 | 52 |
| **b) Fruits** |  |  |  |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  |  |  |  |  |
| Layout and Management of Orchards | 01 | 19 | 0 | 19 | 01 | 0 | 1 | 20 | 0 | 20 |
| Cultivation of Fruit | 2 | 23 | 0 | 23 | 19 | 0 | 19 | 42 | 0 | 42 |
| Management of young plants/orchards |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards | 01 | 22 | 0 | 22 | 0 | 0 | 0 | 22 | 0 | 22 |
| Export potential fruits |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  |  |  |  |  |
| Plant propagation techniques | 1 | 13 | 0 | 13 | 2 | 0 | 2 | 15 | 0 | 15 |
| Others (Seed Production) |  |  |  |  |  |  |  |  |  |  |
| **Total (b)** | 5 | 77 | 0 | 77 | 22 | 0 | 22 | 99 | 0 | 99 |
| **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 |  |  |  |  |  |  |  |  |  |  |
| 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 (Sanitation) |  |  |  |  |  |  |  |  |  |  |
| **Total (g)** |  |  |  |  |  |  |  |  |  |  |
| **GT (a-g)** | 7 | 124 | 0 | 124 | 27 | 0 | 27 | 151 | 0 | 151 |
| **III Soil Health and Fertility Management** |  |  |  |  |  |  |  |  |  |  |
| Soil fertility management | 7 | 138 | 0 | 138 | 9 | 0 | 9 | 147 | 0 | 147 |
| 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 | 02 | 48 | 0 | 48 | 08 | 0 | 08 | 56 | 0 | 56 |
| Others (pl specify) Method to Test The Purity Chemical Fertilizers |  |  |  |  |  |  |  |  |  |  |
| **Total** | 9 | 186 | 0 | 186 | 17 | 0 | 17 | 203 | 0 | 203 |
| **IV Livestock Production and Management** |  |  |  |  |  |  |  |  |  |  |
| Dairy Management | 13 | 201 | 36 | 237 | 37 | 15 | 52 | 246 | 43 | 289 |
| Poultry Management | 2 | 34 | 0 | 34 | 1 | 0 | 1 | 35 | 0 | 35 |
| Piggery Management |  |  |  |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  |  |  |  |  |
| Animal Nutrition Management | 4 | 64 | 2 | 66 | 23 | 0 | 23 | 89 | 0 | 89 |
| Disease Management | 8 | 160 | 0 | 160 | 14 | 0 | 14 | 174 | 0 | 174 |
| Feed & fodder technology | 2 | 34 | 0 | 34 | 7 | 0 | 7 | 41 | 0 | 41 |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |
| Others 1. Management of Goat and Sheep |  |  |  |  |  |  |  |  |  |  |
| **Total** | 29 | 493 | 38 | 531 | 82 | 15 | 97 | 585 | 43 | 628 |
| **V Home Science/Women empowerment** |  |  |  |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening | 4 | 14 | 85 | 99 | 1 | 19 | 20 | 15 | 104 | 119 |
| Design and development of low/minimum cost diet | 01 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 20 | 20 |
| Designing and development for high nutrient efficiency diet | 02 | 08 | 43 | 51 | 0 | 0 | 0 | 08 | 43 | 51 |
| Minimization of nutrient loss in processing | 1 | 0 | 22 | 22 | 0 | 01 | 01 | 0 | 23 | 23 |
| Processing and cooking |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  |  |  |  |  |
| Storage loss minimization techniques | 1 | 9 | 23 | 32 | 0 | 0 | 0 | 09 | 23 | 32 |
| Value addition | 3 | 0 | 69 | 69 | 0 | 03 | 03 | 0 | 72 | 72 |
| Women empowerment |  |  |  |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies | 1 | 20 | 16 | 36 | 0 | 0 | 0 | 20 | 16 | 36 |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |
| Women and child care | 2 | 0 | 47 | 47 | 13 | 0 | 13 | 13 | 47 | 60 |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** | 15 | 51 | 325 | 376 | 14 | 23 | 37 | 65 | 348 | 413 |
| **VI Agril. Engineering** |  |  |  |  |  |  |  |  |  |  |
| Farm Machinary and its maintenance |  |  |  |  |  |  |  |  |  |  |
| Installation and maintenance of micro irrigation systems |  |  |  |  |  |  |  |  |  |  |
| Use of Plastics in farming practices |  |  |  |  |  |  |  |  |  |  |
| Production of small tools and implements |  |  |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  |  |  |  |  |  |
| Small scale processing and value addition |  |  |  |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **VII Plant Protection** |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management | 2 | 42 | 0 | 42 | 6 | 0 | 6 | 48 | 0 | 48 |
| Integrated Disease Management |  |  |  |  |  |  |  |  |  |  |
| Bio-control of pests and diseases |  |  |  |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  |  |  |  |  |
| Others (pl specify) |  |  |  |  |  |  |  |  |  |  |
| **Total** | 2 | 42 | 0 | 42 | 6 | 0 | 6 | 48 | 0 | 48 |
| **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 (Beekeeping) |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **X Capacity Building and Group Dynamics** |  |  |  |  |  |  |  |  |  |  |
| Leadership development | 1 | 20 | 0 | 20 | 0 | 0 | 0 | 20 | 0 | 20 |
| Group dynamics |  |  |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |
| Mobilization of social capital |  |  |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |
| Others (KCC) | 1 | 15 | 0 | 15 | 0 | 0 | 0 | 15 | 0 | 15 |
| Crop Insurance |  |  |  |  |  |  |  |  |  |  |
| **Total** | 2 | 35 | 0 | 35 | 0 | 0 | 0 | 35 | 0 | 35 |
| **XI Agro-forestry** |  |  |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming Systems | 2 | 26 | 24 | 50 | 0 | 0 | 0 | 26 | 24 | 50 |
| Others (SWI, SRI and DSR) |  |  |  |  |  |  |  |  |  |  |
| **Total** | 2 | 26 | 24 | 50 | 0 | 0 | 0 | 26 | 24 | 50 |
| **GRAND TOTAL** | **89** | **1719** | **387** | **2106** | **205** | **38** | **243** | **1924** | **425** | **2349** |

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | | | | | | | | | |
| **General** | | | | | | **SC/ST** | | | | | | **Grand Total** | | | | |
| **Male** | **Female** | | **Total** | | | **Male** | | **Female** | | **Total** | | **Male** | | **Female** | | **Total** |
| Nursery Management of Horticulture crops |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Training and pruning of orchards |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Protected cultivation of vegetable crops | 02 | 40 | | 0 | | 40 | | 02 | | 0 | | 02 | | 42 | | 0 | | 42 |
| Commercial fruit production |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Integrated farming |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Seed production | 01 | 17 | | 0 | | 17 | | 2 | | 0 | | 2 | | 19 | | 0 | | 19 |
| Production of organic inputs |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Planting material production |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Vermi-culture |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Mushroom Production | 01 | 5 | | 4 | | 9 | | 6 | | 0 | | 6 | | 11 | | 4 | | 15 |
| Bee-keeping | 02 | 43 | | 0 | | 43 | | 02 | | 0 | | 02 | | 45 | | 0 | | 45 |
| Sericulture |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Repair and maintenance of farm machinery and implements |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Value addition |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Small scale processing |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Post Harvest Technology |  |  | |  | |  |  | |  | |  | |  | |  | |  | |
| Tailoring and Stitching |  |  | |  | |  |  | |  | |  | |  | |  | |  | |
| Rural Crafts |  |  | |  | |  |  | |  | |  | |  | |  | |  | |
| Production of quality animal products |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Dairying |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Sheep and goat rearing |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Quail farming |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Piggery |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Rabbit farming |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Poultry production |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Ornamental fisheries |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Composite fish culture |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Freshwater prawn culture |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Shrimp farming |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Pearl culture |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Cold water fisheries |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Fish harvest and processing technology |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Fry and fingerling rearing |  |  | |  | |  | |  | |  | |  | |  | |  | |  |
| Any other (pl. specify)  Candle making | 01 | 00 | | 21 | | 21 | | 00 | | 05 | | 05 | | 00 | | 26 | | 26 |
| **TOTAL** | **7** | **105** | | **25** | | **130** | **12** | | **0** | | **12** | | **117** | | **30** | | **147** | |

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | | | | | | | |
| **General** | | | | | | **SC/ST** | | | | **Grand Total** | | | | |
| **Male** | **Female** | | **Total** | | | **Male** | **Female** | | **Total** | **Male** | | **Female** | | **Total** |
| Nursery Management of Horticulture crops |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Training and pruning of orchards |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Protected cultivation of vegetable crops |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Commercial fruit production |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Integrated farming |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Seed production |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Production of organic inputs |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Planting material production |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Vermi-culture |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Mushroom Production |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Bee-keeping |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Sericulture |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Repair and maintenance of farm machinery and implements |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Value addition |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Small scale processing |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Post Harvest Technology |  |  | |  | |  |  | |  |  | |  |  | |  | |
| Tailoring and Stitching |  |  | |  | |  |  | |  |  | |  |  | |  | |
| Rural Crafts |  |  | |  | |  |  | |  |  | |  |  | |  | |
| Production of quality animal products |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Dairying |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Sheep and goat rearing | 01 | 25 | | 0 | | 25 | | 0 | 0 | | 0 | 25 | | 0 | | 25 |
| Quail farming |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Piggery |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Rabbit farming |  |  | |  | |  | |  |  | |  |  | |  | |  |
| Poultry production | 01 | 16 | | 0 | | 16 | | 09 | 0 | | 09 | 25 | | 0 | | 25 |
| 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** | 2 | 41 | | 0 | | 41 | 9 | | 0 | 9 | | 50 | 0 | | 50 | |

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | | | |
| **General** | | | | | **SC/ST** | | | **Grand Total** | | |
| **Male** | **Female** | | **Total** | | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** |
| Nursery Management of Horticulture crops |  |  | |  | |  |  |  |  |  |  |  |
| Training and pruning of orchards |  |  | |  | |  |  |  |  |  |  |  |
| Protected cultivation of vegetable crops | 02 | 40 | | 0 | | 40 | 02 | 0 | 02 | 42 | 0 | 42 |
| Commercial fruit production |  |  | |  | |  |  |  |  |  |  |  |
| Integrated farming |  |  | |  | |  |  |  |  |  |  |  |
| Seed production | 01 | 17 | | 0 | | 17 | 2 | 0 | 2 | 19 | 0 | 19 |
| Production of organic inputs |  |  | |  | |  |  |  |  |  |  |  |
| Planting material production |  |  | |  | |  |  |  |  |  |  |  |
| Vermi-culture |  |  | |  | |  |  |  |  |  |  |  |
| Mushroom Production | 01 | 5 | | 4 | | 9 | 6 | 0 | 6 | 11 | 4 | 15 |
| Bee-keeping | 02 | 43 | | 0 | | 43 | 02 | 0 | 02 | 45 | 0 | 45 |
| Sericulture |  |  | |  | |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  | |  | |  |  |  |  |  |  |  |
| Value addition |  |  | |  | |  |  |  |  |  |  |  |
| Small scale processing |  |  | |  | |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  | |  | |  |  |  |  |  |  |  |
| Tailoring and Stitching |  |  | |  | |  |  |  |  |  |  |  |
| Rural Crafts |  |  | |  | |  |  |  |  |  |  |  |
| Production of quality animal products |  |  | |  | |  |  |  |  |  |  |  |
| Dairying |  |  | |  | |  |  |  |  |  |  |  |
| Sheep and goat rearing | 01 | 25 | | 0 | | 25 | 0 | 0 | 0 | 25 | 0 | 25 |
| Quail farming |  |  | |  | |  |  |  |  |  |  |  |
| Piggery |  |  | |  | |  |  |  |  |  |  |  |
| Rabbit farming |  |  | |  | |  |  |  |  |  |  |  |
| Poultry production | 01 | 16 | | 0 | | 16 | 09 | 0 | 09 | 25 | 0 | 25 |
| 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 | | 21 | | 21 | 00 | 05 | 05 | 00 | 26 | 26 |
| **TOTAL** | **9** | **146** | | **25** | | **171** | **21** | **5** | **26** | **172** | **30** | **202** |

**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 | 01 | 07 | 0 | 07 | 18 | 0 | 18 | 25 | 0 | 25 |
| Integrated Pest Management |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient management |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards | **02** | **32** | **0** | **32** | **10** | **0** | **10** | **42** | **0** | **42** |
| 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** | **0** | **34** | **34** | **0** | **03** | **03** | **0** | **37** | **37** |
| Group Dynamics and farmers organization |  |  |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  |  |  |  |  |  |
| Capacity building for ICT application |  |  |  |  |  |  |  |  |  |  |
| Management in farm animals |  |  |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  |  |  |  |  |  |
| Any other (SWI) | **01** | **06** | **0** | **06** | **19** | **0** | **19** | **25** | **0** | **25** |
| **TOTAL** | 5 | 45 | 34 | 79 | 47 | 3 | 50 | 92 | 37 | 129 |

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

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

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **Male** | **Female** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** |
| Productivity enhancement in field crops | 01 | 07 | 0 | 07 | 18 | 0 | 18 | 25 | 0 | 25 |
| Integrated Pest Management |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient management |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards | **02** | **32** | **0** | **32** | **10** | **0** | **10** | **42** | **0** | **42** |
| 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** | **0** | **34** | **34** | **0** | **03** | **03** | **0** | **37** | **37** |
| Group Dynamics and farmers organization |  |  |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  |  |  |  |  |  |
| Capacity building for ICT application |  |  |  |  |  |  |  |  |  |  |
| Management in farm animals |  |  |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  |  |  |  |  |  |
| Any other (Post Harvest Tech.) | **01** | **06** | **0** | **06** | **19** | **0** | **19** | **25** | **0** | **25** |
| **TOTAL** | **5** | **45** | **34** | **79** | **47** | **3** | **50** | **92** | **37** | **129** |

**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) |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |
| **GRAND TOTAL** |  |  |  |  |  |  |  |  |  |  |

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

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

IV. Extension Programmes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Activities** | **No. of programmes** | **No. of farmers** | **No. of Extension Personnel** | **TOTAL** |
| Advisory Services | 01 | 165 | 09 | 174 |
| Diagnostic visits | 05 | 20 | 2 | 22 |
| Field Day | 03 | 144 | 05 | 149 |
| Group discussions | 08 | 120 | 00 | 120 |
| Kisan Ghosthi | 04 | 754 | 05 | 759 |
| Film Show | 01 | 3251 | 12 | 3263 |
| Self -help groups | 03 | 45 | 00 | 45 |
| Kisan Mela | 00 | 00 | 00 | 00 |
| Exhibition | 05 | 1550 | 14 | 1554 |
| Scientists' visit to farmers field | 01 | 297 | 00 | 297 |
| Plant/animal health camps | 01 | 59 | 06 | 65 |
| Farm Science Club | 02 | 30 | 00 | 30 |
| Ex-trainees Sammelan | 04 | 80 | 02 | 82 |
| Farmers' seminar/workshop | 05 | 98 | 10 | 103 |
| Method Demonstrations | 18 | 604 | 00 | 00 |
| Celebration of important days | 01 | 52 | 04 | 56 |
| Special day celebration |  |  |  |  |
| Exposure visits | 05 | 225 | 15 | 240 |
| Health Camp | 01 | 66 | 10 | 76 |
| Word Honey Day | 01 | 61 | 12 | 73 |
| Agriculture Education Day | 01 | 70 | 05 | 75 |
| Kisan Diwash | 01 | 51 | 02 | 53 |
| Word Soil Day | 01 | 405 | 50 | 455 |
| Mahila Kisan Diwash | 01 | 115 | 12 | 127 |
| Word Food Day | 01 | 105 | 10 | 115 |
| PPV &FRA | 01 | 200 | 23 | 223 |
| Ho’ble PM Addressing Telecast | 01 | 545 | 11 | 546 |
| Sankalap Sidhi | 01 | 775 | 30 | 805 |
| Other( pl.specify)Mahila mandal | 01 | 60 | 00 | 60 |
| 1. Extension literature distributed | 01 | 00 | 00 | 6585 |
| 2. Lecture delivered | 01 | 3510 | 00 | 3510 |
| 3. farmers visit to KVK | 01 | 478 | 00 | 00 |
| 5. Awareness programme on malnutrition | 01 | 82 | 05 | 87 |
| **Total** | **82** | **14017** | **254** | **19749** |

Details of other extension programmes

|  |  |
| --- | --- |
| **Particulars** | **Number** |
| Electronic Media (CD./DVD) |  |
| Extension Literature | 10000 |
| News paper coverage`- | 290 |
| Popular articles | 5000 |
| Radio Talks | 06 |
| TV Talks | 02 |
| Animal health amps (Number of animals treated) | **259** |
| Others (pl. specify) |  |
| **Total** | **15575** |

Mobile Advisory Services

|  |  |  |
| --- | --- | --- |
| **No. of KVKs** | **No. of voice SMSs sent** | **No. of farmers benefited** |
| **Auraiya** | **53** | **1000** |

**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 | 03 | 76 | Wheat ,Mustard and Vegetable Cultivation |
| Lectures organized | 05 | 106 |  |
| Exhibition | 01 | 67 |  |
| Film show | 06 | 146 |  |
| Fair | 00 | 00 |  |
| Farm Visit | 05 | 99 |  |
| Diagnostic Practicals |  |  |  |
| Distribution of Literature (No.) | 05 | 3000 |  |
| Distribution of Seed (q) | 00 | 00 |  |
| Distribution of Planting materials (No.) | 00 | 00 |  |
| Bio Product distribution (Kg) | 00 | 00 |  |
| Bio Fertilizers (q) | 00 | 00 |  |
| Distribution of fingerlings | 00 | 00 |  |
| Distribution of Livestock specimen (No.) | 00 | 00 |  |
| Total number of farmers visited the technology week | 25 | 3494 |  |

**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 2017-18** | | | | | |
| Wheat | Wheat | HD - 3086 | - | 37.2 | 130200 | 61 |
| Paddy | Paddy | CSR-36 | - | 14.0 | 42000 | In Stock |
|  |  |  |  |  |  |  |
| Oilseeds |  |  |  |  |  |  |
| Pulses |  |  |  |  |  |  |
| Commercial crops |  |  |  |  |  |  |
| Vegetables |  |  |  |  |  |  |
| Flower crops |  |  |  |  |  |  |
| Spices |  |  |  |  |  |  |
| Fodder crop seeds |  |  |  |  |  |  |
| Fiber crops |  |  |  |  |  |  |
| Forest Species |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |
| **Total** |  |  |  | **51.0** | **172200** | **61** |

# 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 |  |  |  |  |  |  |
|  | Chilli | Kashi Anmol |  | 50 | 50 | 02 |
|  | Tomato |  |  | 370 | 200 | 19 |
|  | Onion | NHRDF Red-3 |  | 19250 | 400 | 02 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Fruits |  |  |  |  |  |  |
| Ornamental plants |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Medicinal and Aromatic |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Plantation |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Spices |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Tuber |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Fodder crop saplings |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Forest Species |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Total** |  |  |  | **19670** | **650** | **230** |

**Production of Bio-Products**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Bio Products** | **Name of the bio-product** | **Quantity** | **Value (Rs.)** | **No. of Farmers** |
| **Kg** |
| Bio Fertilizers |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Bio-pesticide |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Bio-fungicide |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Bio Agents |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Others Vermi Compost | Vermi Compost | 3761 | 30088 | 22 |
|  |  |  |  |  |
| **Total** |  |  |  |  |

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 | **10** | **45** | **01** |  |
| Water |  |  |  |  |
| Plant |  |  |  |  |
| Manure |  |  |  |  |
| Others (pl.specify) |  |  |  |  |
|  |  |  |  |  |
| **Total** |  |  |  |  |

VIII. SCIENTIFIC ADVISORY COMMITTEE

|  |  |
| --- | --- |
| **Name of KVK** | **Number of SACs conducted** |
| Auraiya | 01 (18/09/2017) |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**IX. NEWSLETTER**

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

**X. PUBLICATIONS**

|  |  |
| --- | --- |
| **Category** | **Number** |
| Research Paper | 03 |
| Technical bulletins | 02 |
| Technical reports | 05 |
| Others (pl. specify) | 01 |
|  |  |
|  |  |
| **Total** | 11 |

**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** |
| **01** | **259** | **59** |
|  |  |  |
| **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 |
| Training for extension scientists | 01 | 01 |  |
|  |  |  |  |
|  |  |  |  |
| **Total** |  |  |  |

**XIV. CASE STUDIES**

**Success Story**

***Self employment through Beekeeping***

**Name:** **Rajiv Kumar**

**Address**: Chhannan ka Purva, Auraiya

**Education**: B.A

**Land holdings:** 1.0 Acr.

**Occupation**: Beekeeping

Rajiv Kumar is was a Unemployed and working for job . One day I Dr. Anant Kumar Incharge Senior Scientist and Head KVK, Auraiya organized Kisan Gosthi in his village He motivated to the farmers about Beekeeping. Then sh. Rajiv Kumar urges learn beekeeping . After that KVK Scientist organized Rural youth training on Beekeeping for Income generation at KVK Auraiya in 2016. After tarianing he started Beekeeping by 10 boxes . . Presently he has 35 honey boxes and earns Approx. Rs 120000.00-140000.00-/ per year along with agriculture farming activities . He also trained the other youth for self employement generation in surrounding the village.

**Wheat Cultivation Through System of Wheat Intensification**

**Name:** **Ashok Kumar Rajpoot**

**Address**: Village –Dakhanai Block- Achhalda, Auraiya

**Education**: 10 th.

**Land holdings:** 3.0 acare

**Occupation**: Agriculture

Sri Ashok Kumar Rajpoot is a farmer. He cultivated wheat in traditional method with and the Seed rate of wheat 160-170 Kg /ha and got yield is low only 40-45 q/ha .Dr. Anant Kumar I/C Senior Scientist and Head KVK,Auraiya organized training programme on Wheat Cultivation through SWI method in his village in 2015. He impress this method and he decided to grow wheat by SWI Method in a small area .He used in only 25 kg /ha seed as per suggested by KVK Scientist and got yield 70-72 q/ha. After that he cultivating wheat through SWI method to others farmers in Surrounding area. He got wheat yield 72.8q/ha in Rabi 2018.

**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 |  |  |  |  |  |  |  |  |  |
| 06 | Others pl. specify |  |  |  |  |  |  |  |  |  |

**D.2 . Publications (Print & Electronic media)**

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

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------------**