**ANNUAL REPORT 2024**

**KRISHI VIGYAN KENDRA MAYURBHANJ-1, SHYAMAKHUNTA, ODISHA**

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**PROFORMA FOR ANNUAL REPORT 2024 (January-December 2024)**

1. GENERAL INFORMATION ABOUT THE KVK

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

| Address | Telephone | | E mail |
| --- | --- | --- | --- |
|  | Office | FAX |  |
| KVK Mayurbhanj-I, At/Po- Shamakhunta, Mayurbhanj  Odisha, Pin-757049 | 91-6792295199 | - | [kvkmayurbhanj1.ouat@gmail.com/](mailto:kvkmayurbhanj1.ouat@gmail.com/)[kvkmayurbhanj-od@nic.gov.in](mailto:kvkmayurbhanj-od@nic.gov.in)  [kvk.mayurbhanj1@ouat.ac.in](mailto:kvk.mayurbhanj1@ouat.ac.in) |

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

| Address | Telephone | | E mail |
| --- | --- | --- | --- |
|  | Office | FAX |  |
| Odisha University of Agriculture & Technology, At/Po-Bhubaneswar – 751 003 | 0674-2392677 | 0674-2397780 | [vc@ouat.nic.in](mailto:vc@ouat.nic.in) |

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

| Name | Telephone / Contact | | |
| --- | --- | --- | --- |
|  | Residence | Mobile | Email |
| Dr. Sanghamitra Pattnaik | 91-9437147934 | 9437147934 | dipapattnaik@gmail.com |

1.4. Year of sanction of KVK:2005

**1.5. Staff Position (as on 1st January, 2025)**

| **Sl.**  **No.** | **Sanctioned post** | **Name of the incumbent** | **Designation** | **Discipline** | **Pay**  **Scale with present basic** | **Date of joining** | **Permanent/ Temporary** | **Category (SC / ST/OBC /Others)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Senior Scientist& Head | Dr. SanghamitraPattnaik | Sr. Scientist & Head | Horticulture | Pay Matrix- 79800  Level-12, Cell-09& Basic - 101100 | 12.11.2015 | Permanent | General |
| 2 | Subject Matter  Specialist | Dr. (Er.) Govinda Chandra Dhal | Scientist (Agril.Engg.) | Agril Extension | Pay matrix -57700 Level-10, Cell-18 & Basic -95300 | 26.07.2022 | Permanent | General |
| 3 | Subject Matter  Specialist | Dr. Plabita Ray, | SMS | Home Science | Pay matrix -57700 Level-10, Cell-14& Basic -84700 | 23.10.2009 | Permanent | OBC |
| 4 | Subject Matter  Specialist |  |  | Agriculture Engineering | Pay matrix -57700 Level-10, Cell-14 & Basic -84700 | 26.07.2022 | Permanent | OBC |
| 5 | Subject Matter  Specialist |  |  | Agronomy | Pay matrix -56100 Level-12, Cell-05 & Basic -63100 | 19.06.2018 | Permanent | General |
| 6 | Subject Matter  Specialist | Vacant | Scientist 5 | - | - | - | - | - |
| 7 | Subject Matter  Specialist | Vacant | Scientist 6 | - | - | - | - | - |
| 8 | Programme Assistant | Vacant | Programme Assistant | - | - | - | - | - |
| 9 | Computer  Programmer | Mr. JeebanKumar Biswal | Programme Assistant (Computer) | Computer Science | Pay matrix -35400 Level-09, Cell-19 & Basic -60400 | 17.08.2016 | Permanent | General |
| 10 | Farm Manager | Mr. Anshuman Debashis Nayak | Farm Manager | Seed Science & Technology | Pay matrix 35400 Level-09, Cell-06 & Basic -41100 | 31.01.2019 | Permanent | General |
| 11 | Accountant / Superintendent | Vacant | Accountant / superintendent | - | - | - | - | - |
| 12 | Stenographer | Mrs. Saudamini Pradhan | Jr. Steno-cum-Computer Operator | - | Pay matrix -25500 Level-07, Cell-06 & Basic -29600 | 16.10.2023 | Permanent | SEBC |
| 13. | Driver | Mr. Srikanta Sahoo | Driver-cum-Mechanic | - | Paymatrix-21700  Level-05, Cell-13 & Basic - 31100 | 10.07.2023 | Permanent | OBC |
| 14. | Driver | Mr. Bikram Keshari Behera | Driver-cum-Mechanic | - | Paymatrix-21700  Level-05, Cell-11 & Basic - 29300 | 18.07.2008 | Permanent | OBC |
| 15. | Supporting staff | Vacant | Peon-cum-Watchman | - | - | - | - | - |
| 16. | Supporting staff | Vacant | Peon-cum-Watchman | - | - | - | - | - |

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

| **S. No.** | **Item** | **Area (ha)** |
| --- | --- | --- |
| 1 | Under Buildings | 5.0 |
| 2. | Under Demonstration Units | 3.0 |
| 3. | Under Crops | 14.0 |
| 4. | Orchard/Agro-forestry | - |
| 5. | Others with details | 1.517 |
|  | Total | 23.517 |

*Total area should be matched with breakup*

**1.7. Infrastructure Development:**

**A) Buildings and others**

| **S. No.** | **Name of infrastructure** | **Not yet started** | **Completed up to plinth level** | **Completed up to lintel level** | **Completed up to roof level** | **Totally completed** | **Plinth area (sq.m)** | **Under use or not\*** | **Source of funding** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. | Administrative Building |  |  |  |  | Yes | 754 | Use | ICAR |
| 2. | Farmers Hostel |  |  |  |  | Yes | 304.7 | Use | ICAR |
| 3. | Staff Quarters (6) |  |  |  |  | Damaged |  |  |  |
| 4. | Piggery unit |  |  |  |  |  |  |  |  |
| 5 | Fencing |  |  |  |  | Yes | 350 mts | Use | RKVY |
| 6 | Rain Water harvesting structure |  |  |  |  |  |  |  |  |
| 7 | Threshing floor |  |  |  |  | Yes | 44.6 | Use | ICAR |
| 8 | Farm godown |  |  |  |  |  |  |  |  |
| 9. | Dairy unit |  |  |  |  |  |  |  |  |
| 10. | Poultry unit |  |  |  |  | Yes | 92.9 | Use | DRDA, Baripada |
| 11. | Goatary unit |  |  |  |  |  |  |  |  |
| 12. | Mushroom Lab |  |  |  |  | Yes |  | Use | RKVY |
| 13. | Mushroom production unit |  |  |  |  |  |  |  |  |
| 14. | Shade house |  |  |  |  |  |  |  |  |
| 15. | Soil test Lab |  |  |  |  |  |  |  |  |
| 16 | Others, Please Specify (seed processing plant-Cum-Seed Store Building) |  |  |  |  | Yes |  | Use | ICAR |

\* If not in use then since when and reason for non-use

**B) Vehicles**

| **Type of vehicle** | **Year of purchase** | **Cost (Rs.)** | **Total km. Run** | **Present status** |
| --- | --- | --- | --- | --- |
| Office Jeep | 2017 | 8,00,000 | 132150km | Good |
| Tractor | 2019 | 8,50,000 | 1128hrs | Good |
| Motor bike | 2010 | 50000 | 21850 | Good |

**C) Equipment & AV aids**

| **Name of equipment** | **Year of purchase** | **Cost (Rs.)** | **Present status** | **Source of fund** |
| --- | --- | --- | --- | --- |
| **a. Lab equipment** | | | | |
| Soil & Water Lab Equipment | 2015 | 1700000 | Good | ICAR |
| SoilTest Kit | 2017 | 90300 | Good | ICAR |
| **b. Farm machinery** | | | | |
| Paddle winnower | 2006 | 2415 | Good | ICAR |
| Paddy thresher | 2006 | 3275 | Good | ICAR |
| Power sprayer | 2007 | 5434 | Good | ICAR |
| Rotavator | 2006 | 64335 | Good | ICAR |
| Cono weeder | 2006 | 1204 | Good | ICAR |
| Walk behind 4 row rice transplanter | 2017 | 239000 | Good | ICAR |
| Rotavator-‘4’ | 2017 | 88970 | Good | ICAR |
| Zero Till Seed Drill-11 row | 2017 | 81819 | Good | ICAR |
| **c.AV Aids** | | | | |
| Conference System | 2017 | 81115 | Good | ICAR |
| Projector | 2017 | 38858 | Good | ICAR |
| Camera | 2016 | 22751 | Good | ICAR |
| Smart TV | 2023 | 44293 | Good | ICAR |

**D) Farm implements**

| **Name of equipment** | **Year of purchase** | **Cost (Rs.)** | **Present status** | **Source of fund** |
| --- | --- | --- | --- | --- |
| Horticultural tools | 2008 | 4909 | Good | ICAR |
| Wheel finger weeder | 2008 | 800 | Good | ICAR |
| Cono weeder | 2008 | 1204 | Good | ICAR |
| Pre germinated paddy Drum seeder | 2008 | 2520 | Good | ICAR |
| Power Weeder | 2017 | 8580 | Good | ICAR |
| Battery Operated Sprayer | 2017 | 4200 | Good | ICAR |
| Fertilizer Broad caster | 2018 | 4480 | Good | ICAR |
| Battery Operated Sprayer | 2018 | 3094 | Good | ICAR |
| Seed Treating drum | 2018 | 3445 | Good | ICAR |
| Parboiling Unit | 2018 | 5060 | Good | ICAR |
| 4-Row Drum seeder | 2018 | 4675 | Good | ICAR |
| Pedal Paddy Thresher | 2018 | 6225 | Good | ICAR |
| Cono weeder | 2018 | 1710 | Good | ICAR |
| Mandwa Weeder | 2018 | 1080 | Good | ICAR |
| Battery Operated Sprayer | 2018 | 3094 | Good | ICAR |
| Agriculture Drone | 2023 | 845728 | Good | ICAR |

**1.8. Details of SAC meeting\* conducted in the year**

| Sl. No. | Date | Number of Participants | Salient Recommendations | Action taken | If not conducted, state reason |
| --- | --- | --- | --- | --- | --- |
| 1. | 07.11.2024 | 24 | Promotion and expansion of orchid cultivation in the district through suitable extension programme. |  |  |
| 2 |  |  | Popularization of Natural farming in the district. |  |  |
| 3 |  |  | Water harvesting and Moisture conservation technologies needs to be disseminated among the farmers. |  |  |
| 4 |  |  | Organisemore number of training and demonstration programmes on advanced technologies of value addition of mahua flowers. |  |  |
| 5 |  |  | Promotion of small scale agro industries on processing of perishable vegetables and fruits. |  |  |
| 6 |  |  | Promotion of profitable Quail farming, Goatery and Piggery in the district for landless and resource poor farmers should be stressed for entrepreneurship purpose. |  |  |
| 7 |  |  | Popularization of small scale implements and equipment those are suitable for small land holdings is to be introduced. |  |  |
| 8 |  |  | Site specific rice-fallow management should be taken up. |  |  |
| 9 |  |  | Suitable programme should be planned for quality seed production on community basis as well as involving FPOs and SHGs. |  |  |
| 10 |  |  | Focus should be given on area expansion of high value crops like dragon fruit and strawberry cultivation. |  |  |
| 11 |  |  | Preservation of forest ecology and production/collection of quality NTFPs should be encouraged through awareness and demonstration. |  |  |

*\* Salient recommendation of SAC in bullet form, Attach a copy of SAC proceedings along with list of participants*

**2.a. District level data on agriculture, livestock and farming situation (2024)**

| **Sl. no.** | **Item** | **Information** |
| --- | --- | --- |
| 1 | Major Farming system/enterprise | Paddy, Paddy -Ground nut ,Paddy – Green gram, Animal Husbandry , Paddy + Animal Husbandry,Paddy -Vegetable, Paddy + Pisciculture |
| 2 | Agro-climatic Zone | North Central Plateau |
| 3 | Agro ecological situation | AES – I(Low Rainfall, Low Elevation, Blocks (Five) : Tiring, Rirangpur, Rasgovindpur, Bahalda, Shuliapada), AES – II (Low Elevation, Medium Rainfall ,Blocks (Fifteen): Baripada, Badasahi, Shamakhunta, Khunta, GB Nagar, Betonati, Moroda, Kuliana, Bangiriposi, Udala, Saraskana, Kusumi, Bishoi, Bijatota, Jamuda) , AES – III(Low Elevation, High Rainfall,Blocks (One): Kaptipada) , AES – IV(Medium Elevation, Medium Rainfall ,Blocks (Five):Karanjia, Sukruli, Jashipur, Raruan, Thakurmunda) |
| 4 | Soil type | Mixed Red & Yellow |
| 5 | Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others | Paddy-32.04q/ha, Green gram-6.21q/ha, Black gram-5.98q/ha, G.nut-13.80q/ha & Maize-30.90 |
| 6 | Mean yearly temperature, rainfall, humidity of the district | Max. 410C ; Min. 400C, 1600 mm in 77 rainy day |
| 7 | Production of major livestock products like milk, egg, meat etc. | Milk-2,71666liters/day, Egg-94693nos/day, Meat 93667kg/day |

Note: Please give recent data only

**2.b. Details of operational area / villages (2024)**

| Sl. No. | Name of Taluk | Name of the block | Name of the villages | Major crops  & enterprises | Major problems identified (crop-wise) | Identified Thrust Areas |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Shamakhunta | Shamakhunta | Ambdubi | Rice,Groundnut, Black gram, Vegetable, Poultry, Goatery | •Distress sale of vegetable during Rabi  •Crop loss due to cyclone, hailstorm and/or heavy rain during harvesting stage of pulses | * Nutrient management in direct seeded rice * Off season vegetable cultivation * Stocking of advanced fingerling in community pond management * Intercropping minor carp to increase fish production * Providing food and nutritional security, income to women and tribal communities through secondary agriculture |
| 2 | Bangiriposi | Bangiriposi | Kansapal | Rice,Groundnut, Black gram, Vegetable, Poultry | Crop loss due to cyclone, hailstorm and/or heavy rain during harvesting stage of pulses |
| 3 | Suliapada | Suliapada | Khadiasole | Rice, Green gram, Traditional  pisciculture ,Poultry | Crop loss due to cyclone, hailstorm and/or heavy rain during harvesting stage of pulses |
| 4 | Kaptipada | Kaptipada | Machhia | Rice, Green gram, Traditional  pisciculture ,Vegetable , Poultry | Crop loss due to cyclone, hailstorm and/or heavy rain during harvesting stage of pulses |
| 5 | Betanoti | Betanoti | Gargadia | Rice, Green gram, Traditional  pisciculture ,Vegetable , Poultry | Crop loss due to cyclone, hailstorm and/or heavy rain during harvesting stage of pulses |

**2. c. Details of village adoption programme:**

Name of the villages adopted by PC and SMS (2024) for its development and action plan

| Name of village | Block | Action taken for development |
| --- | --- | --- |
| Ambadubi | Shamakhunta | * Introduction of off season cauliflower. * Substituted with black gram variety PU-31 * Calcium Supplementation (4ml/day per bird) of RIR breeds * Deworming of kids and PPR vaccination * Mushroom cultivation throughout the year |
| Kansapal | Bangiriposi | * Diversification of Upland paddy to off season cauliflower * Substituted with groundnut variety K-6 in line sowing (Seed cum fertilizer drill) * Substituted with green gram variety IPM-2-14 in line sowing (Zero till seed cum fertilizer drill) * Calcium Supplementation (4ml/day per bird) of RIR breeds * Mushroom cultivation throughout the year |
| Khadiasole | Suliapada | * Introduction of Green gram variety IPM-2-14 variety * Introduction of RIR breed * Introduction of Mushroom cultivation in small scale |
| Machhia | Kaptipada | * Introduction of Green gram variety IPM-2-14 variety * Introduction of RIR breed (20 nos.) * Mushroom cultivation in small scale (10 nos) |
| Gargadia | Betanoti | * Variety DRR-42 * Mushroom cultivation in small scale (20 nos.) |

2.1 **Priority thrust areas**

| S. No | Thrust area |
| --- | --- |
| 1. | Seed production programme in paddy & vegetables |
| 2. | Oilseed and pulse cultivation |
| 3. | Off season & hybrid vegetable cultivation |
| 4. | Organic Farming and Vermi-composting |
| 5. | Farm Mechanization |
| 6. | Mushroom cultivation |
| 7. | Value addition of fruits & vegetables |
| 8. | IPM and IDM in field crops and vegetables |
| 9. | Nutritional garden |
| 10. | Back yard poultry &Goatery |
| 11. | Commercial floriculture |
| 12. | Entrepreneurship through nursery development |

**3. TECHNICAL ACHIEVEMENTS**

3.A. Details of target and achievement of mandatory activities by KVK during the year

| **OFT** | | | | | | | | | | | | **FLD** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No. of technologies tested:** | | | | | | | | | | | | **No. of technologies demonstrated:** | | | | | | | | | | | |
| **Number of OFTs** | | **Number of farmers** | | | | | | | | | | **Number of FLDs** | | **Number of farmers** | | | | | | | | | |
| Target | Achievement | Target | Achievement | | | | | | | | | Target | Achievement | Target | Achievement | | | | | | | | |
| SC | | ST | | Others | | Total | | | SC | | ST | | Others | | Total | | |
| M | F | M | F | M | F | M | F | T | M | F | M | F | M | F | M | F | T |
| **9** | **9** | **160** | **7** | **0** | **48** | **6** | **64** | **16** | **178** | **7** | **139** | **16** | **16** | **160** | **1** | **0** | **45** | **25** | **64** | **57** | **98** | **82** | **200** |

| **Training** | | | | | | | | | | | | **Extension activities** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Number of Courses** | | **Number of Participants** | | | | | | | | | | **Number of activities** | | **Number of participants** | | | | | | | | | |
| Target | Achievement | Target | Achievement | | | | | | | | | Target | Achievement | Target | Achievement | | | | | | | | |
| SC | | ST | | Others | | Total | | | SC | | ST | | Others | | Total | | |
| M | F | M | F | M | F | M | F | T | M | F | M | F | M | F | M | F | T |
| **60** | **79** | **1030** | **78** | **64** | **573** | **317** | **366** | **417** | **948** | **778** | **1793** | 150 | 183 | 5000 | 952 | 780 | 3587 | 889 | 2143 | 380 | 5556 | 3175 | 8731 |

| Impact of capacity building | | | | | | | | | | | Impact of Extension activities | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Number of Participants trained | | Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower) | | | | | | | | | Number of Participants attended | | Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower) | | | | | | | | |
| Target | Achievement | SC | | ST | | Others | | Total | |  | Target | Achievement | SC | | ST | | Others | | Total | | |
| M | F | M | F | M | F | M | F | T | M | F | M | F | M | F | M | F | T |
| 4 | 4 |  |  | 9 | 3 | 33 | 8 | 42 | 11 | 53 | 650 | 670 | 70 | 20 | 200 | 114 | 180 | 86 | 450 | 220 | 670 |

| Seed production (q) | | Planting material (in Lakh) | |
| --- | --- | --- | --- |
| Target | Achievement | Target | Achievement |
| 550 | 700.2 | 4 | 4.47 |

| Livestock strains and fish fingerlings produced (in lakh)\* | | Soil, water, plant, manures samples tested (in lakh) | |
| --- | --- | --- | --- |
| Target | Achievement | Target | Achievement |
| 4000 | 4202 | 300 | 320 |

| Publication by KVKs | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Number | No. circulated | No. of Research papers in NAAS rated Journals | Highest NAAS rating of any publication | Average NAAS rating of the publications | Details of awarded publication, if any | Details of Award given to the publication |
| Research paper | 5 | Mass | 2 | 4.75 | 4.5 |  |  |
| Seminar/conference/ symposia papers | 4 | Mass |  |  |  |  |  |
| Books | - | - | - | - | - | - | - |
| Bulletins | 85 | 250 | - | - | - | - | - |
| News letter | 1 | 500 |  |  |  |  |  |
| Popular Articles | - | - | - | - | - | - | - |
| Book Chapter | - | - | - | - | - | - | - |
| Extension Pamphlets/ literature | 4 | 2000 | - | - | - | - | - |
| Technical reports | 4 | 4 |  |  |  |  |  |
| Electronic Publication (CD/DVD etc) | - | - | - | - | - | - | - |
| **TOTAL** | **103** | **2754** |  |  |  |  |  |

**3.1. Achievements on technologies assessed and refined**

**OFT-1**

| 1. | Title of On Farm Trial | Assessment of Marigold varieties BM-1 & BM-2 for income generation |
| --- | --- | --- |
| 2. | Problem diagnosed | Scarcity of loose flowers in the local market & dependent on Kolkata bazaar |
| 3. | Details of technologies selected for assessment/refinement | FP:-Seracole, TO1:-Bidhan Marigold-1 (Plants medium in height, bushy , bears flower buds within 15-20 days of planting, flowers yellow in colour ,compact, suitable for making garland.). TO2:-Bidhan Marigold-2 (Plants medium in height, bushy, bears flower buds within 15 days of planting, flowers orange in colour, compact, suitable for making garland) |
| 4. | Source of Technology (ICAR/AICRP/SAU/other) | BCKV,Kalyani,2019 |
| 5. | Production system and thematic area | Export potential of Ornamental plants |
| 6. | Performance of the Technology with performance indicators | Flowering Duration (days), Number of flowers per plant, Loose flower yield(kg/plant) |
| 7. | Final recommendation for micro level situation | Bidhan Marigold-2 |
| 8. | Constraints identified and feedback for research | - |
| 9. | Process of farmers participation and their reaction | Bidhan Marigold-2 is highly appreciated by the farmers due to its shows higher flower yield, more no of flowers/plant fetches good market demand. |

*Thematic area:* Export potential of Ornamental plants

Problem definition: Scarcity of loose flowers in the local market & dependent on Kolkata bazaar

Technology assessed: FP:-Seracole, TO1:-Bidhan Marigold-1, TO2:-Bidhan Marigold-2

Table:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Practice | Days to 1st flower bud appearance | Flowering Duration (days) | Number of flowers per plant | Loose flower yield(kg/plant) | Cost of cultivation(Rs/ha) | Gross return(Rs/ha) | Net return(Rs/ha) | B:C ratio |
| FP | 26 | 78 | 95 | 0.760 | 81200 | 112000 | 30800 | 1.37 |
| TO1 | 19 | 82 | 130 | 0.820 | 104160 | 182000 | 77840 | 1.74 |
| TO2 | 16 | 86 | 176 | 1.01 | 104160 | 210350 | 106190 | 2.01 |
| SEm± | 0.68 | 1.79 | 3.1 | 0.026 |  |  |  |  |
| CD (0.05) | 2.2 | 5.4 | 12.8 | 0.078 |  |  |  |  |

Results: Farmers appreciated TO2 shows higher flower yield, more no of flowers/plant fetches good market demand.



**OFT-2**

| 1. | Title of On Farm Trial | Assessment of F1 Hybrid chillivar.Arka Tejasvi (H-41) &Arka Yashasvi(H-8) |
| --- | --- | --- |
| 2. | Problem diagnosed | High incidence of chilli leaf curl virus,powdery mildew & root wilt |
| 3. | Details of technologies selected for assessment/refinement | **FP:-**Haldikhadi  **TO1**:Arka Tejasvi (H-41)-Plant- medium, tall & spreading, fruits pendent,firm,highlypungent,green& turn deep red (90-100 ASTA) on maturity, medium wrinkled, resistant to powdery mildew &ChLCV, yield potential 30-35q dry chilli yield/ac. **TO2**:Arka Yashasvi (H-8)-Plants tall &spreading,fruitspendent,firm,mediumpungent,green& turn deep redon maturity (90-100ASTA),medium wrinkled & tolerant to powdery mildew & resistant to ChLCV,yield potential 30-35q |
| 4. | Source of Technology (ICAR/AICRP/SAU/other) | ICAR-IIHR-2020 |
| 5. | Production system and thematic area | Varietal Evaluation |
| 6. | Performance of the Technology with performance indicators | Incidence of disease(%), Plant Height(cm), Fruit length(cm), Fresh fruit yield(q/ha) |
| 7. | Final recommendation for micro level situation | Arka Tejasvi (H-41) |
| 8. | Constraints identified and feedback for research | - |
| 9. | Process of farmers participation and their reaction | Arka Tejasvi (H-41) is highly appreciated by the farmers due to its high pungency & it fetches good market demand |

*Thematic area:* Varietal Evaluation

Problem definition: High incidence of chilli leaf curl virus,powdery mildew & root wilt

Technology assessed: TO1:- Arka Tejasvi (H-41) ,TO2:-Arka Yashasvi (H-8)

Table:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Practice | Fruit/plant | Disease incidence (%) | Fruit wt.(gm.) | Yield (q/ha) | % increase over FP | Cost of cultivation(Rs/ha) | Gross return (Rs/ha) | Net return (Rs/ha) | B:C ratio |
| **FP** | 75 | 20 | 3.5 | 80 |  | 85,000 | 240000 | 155000 | 2.82 |
| **TO1** | **50** | **Nil** | **7.9** | **128** | **60** | **1,05000** | **409600** | **304600** | **3.9** |
| **TO2** | 52 | Nil | 6.45 | 125 | 56.25 | 1,05000 | 375000 | 270000 | 3.57 |
| **SEm±** | 2.05 |  | 0.19 | 3.63 |  |  |  |  |  |
| **CD (0.05)** | 6.1 |  | 0.59 | 10.9 |  |  |  |  |  |

Results: Farmers appreciated TO1 as more yield was recorded with higher net income. TO1 is highly appreciated by the farmers due to its high pungency & it fetches good market demand

**OFT-3**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of aromatic rice varieties** |
| 2. | Problem diagnosed | Unavailability of ideal rice aromatic varieties |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | Gangabali rice variety performed better than kalikati, kalajeera and pimpudibasa |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | **OUAT 2018** |
| 5. | Production system and thematic area | Rice- Pulses/Vegetables and Varietal evaluation |
| 6. | Performance of the Technology with performance indicators | Effective tillers/m-2,Grains/panicle ,Test weight, Aroma para meters (No of days aroma in the grain), crop duration, Yield (q/ha), Cost of cultivation (Rs/ha), Net return (Rs/ha) And B-C ratio. |
| 7. | Final recommendation for micro level situation | Gangabali is performing better than rest of the varieties |
| 8. | Constraints identified and feedback for research | Availability of Seeds and the aroma of the local variety Pimpudibasa lasts longer |
| 9. | Process of farmers participation and their reaction | Result Demonstration |

*Thematic area:*

Problem definition:

Technology assessed:

Table:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | | Disease/ insect pest incidence (%) | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
| No. of effective tillers per square metre | Grains/panicles |  |  |  |  |  |  |
| Pimpudibasa | 7 | 210 | 83 | 4 | 36.4 | 54038 | 74184 | 20146 | 1.37 |
| Kalajeera | 7 | 276 | 88 | 6 | 38.2 | 56000 | 79928 | 23928 | 1.42 |
| Kalikatai | 7 | 304 | 92 | 18 | 41.34 | 56000 | 80122 | 24122 | 1.43 |
| Gangabali | 7 | 321 | 95 | 20 | 41.62 | 56000 | 85000 | 29000 | 1.51 |

Results:

Good quality photographs of different treatments:



**OFT-4**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of herbicide management in Pigeon Pea** |
| 2. | Problem diagnosed | Low yield in Pigeon pea due to weed menance |
| 3. | Details of technologies selected for assessment/refinement (Mention either Assessed or Refined) | No weeding |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | AICRP on Pigeon Pea 2013  AICRP ON Pigeon pea 2023 |
| 5. | Production system and thematic area | Pigeon pea-Fallow/vegetable and IWM |
| 6. | Performance of the Technology with performance indicators | Application of Pendimethalin 30 EC @ 0.75 kg a.i/ha (pre-emergence) followed by Propaquizalfop 2.5 % + Imazethapyr 3.75% @ 50+75=125 g a.i/ha at 20-25 DAS followed by one hand weeding & interculture at 50 DAS resulted less weed growth and more yield as well in economics. |
| 7. | Final recommendation for micro level situation | Application of Pendimethalin 30 EC @ 0.75 kg a.i/ha (pre-emergence) followed by Propaquizalfop 2.5 % + Imazethapyr 3.75% @ 50+75=125 g a.i/ha at 20-25 DAS followed by one hand weeding & interculture at 50 DAS |
| 8. | Constraints identified and feedback for research | Less Availability of Herbicides in local market |
| 9. | Process of farmers participation and their reaction | Result Demonstration |

*Thematic area:*

Problem definition:

Technology assessed:

Table:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Practice** | Weed count/m2 | | Pod number/plant | Yield (q/ha) | Gross return (Rs/ha) | Cost of cultivation (Rs/ha) | Net return (Rs/ha) | B:C ratio |
| 30 DAS | 90 das |
| **FP** | 32.86 | 25.67 | 123.73 | 10.87 | 72660 | 56766 | 15894 | 1.28 |
| **TO1** | 13.16 | 14.43 | 161.89 | 13.36 | 94920 | 58000 | 36920 | 1.63 |
| **TO2** | 8.30 | 10.58 | 180.72 | 15.87 | 106610 | 60000 | 46610 | 1.77 |

Results:

Good quality photographs of different treatments:

****

**OFT-5**

| 1. | Title of On farm Trial | **Assessment of the improved techniques for cultivation of Paddy straw mushroom (*Volvariella volvacea*) using crumpled straw** |
| --- | --- | --- |
| 2. | Problem diagnosed | Less income due to low yield and high rate of bundle straw |
| 3. | Details of technologies selected for assessment/refinement (Mention either Assessed or Refined) | TO1 : Square compact bed size (30x30 cm) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and horse gram powder(at 3% dry substrate weight)  TO2: Circular compact bed size -(45 cm diameter, 45 cm height) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and horse gram powder (at 3% dry substrate weigh) |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Department of Plant Pathology, Tamil Nadu Agricultural University, Coimbatore,2012) |
| 5. | Production system and thematic area | Homestaed, Income generation |
| 6. | Performance of the Technology with performance indicators | Average fruit body weight, pin head appearance (days), Biological efficiency, yield |
| 7. | Final recommendation for micro level situation | Circular compact bed size -(45 cm diameter, 45 cm height) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and horse gram powder (at 3% dry substrate weigh) |
| 8. | Constraints identified and feedback for research | - |
| 9. | Process of farmers participation and their reaction | Farm women are happy with the Circular compact bed size -(45 cm diameter, 45 cm height) Mushroom production by using crumpled paddy straw |

*Thematic area:* Mushroom production

Problem definition: Less income due to low yield and high rate of bundle straw

Technology assessed:

TO1 : Square compact bed size (30x30 cm) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and horse gram powder(at 3% dry substrate weight)

TO2: Circular compact bed size -(45 cm diameter, 45 cm height) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and horse gram powder (at 3% dry substrate weigh)

Table:

| Technology option | No. of trials | Bud size in length(cm) | Average fruit body weight (g) | Appearance of pin head (Days) | Yield(Kg/bed) | Biological efficiency (%) | Cost of cultivation(Rs./bed) | Gross return (Rs/bed) | Net return(Rs/bed) | BC ratio |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| FP | 7 | 4 | 12 | 5 | 0.48 | 9.6 | 42 | 67 | 25 | 1.50 |
| TO1 | 7 | 5 | 13 | 5 | 0.51 | 10.2 | 42 | 71 | 29 | 1.69 |
| TO2 | 7 | 5 | 13 | 5 | 0.55 | 11 | 42 | 77 | 35 | 1.83 |

**OFT-6**

| 1. | Title of On farm Trial | **Assessment of humidity management in paddy straw mushroom production** |
| --- | --- | --- |
| 2. | Problem diagnosed | Low yield due to improper production technique |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | TO1 : Mushroom production by using bundled paddy straw substrate (3 layers) with covering the floor with 2 inch sand in moist condition and spreading wet gunny bag along the windows/ walls,TO2: Mushroom production by using bundled paddy straw substrate (3 layers) with Installation of Fogger and hanging of folding type of Gunny bag outside the wall. |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other) | CTMRT,OUAT, 2015 |
| 5. | Production system and thematic area | Homestead, Income generation |
| 6. | Performance of the Technology with performance indicators | Average fruit body weight, pin head appearance (days), Biological efficiency, yield |
| 7. | Final recommendation for micro level situation | Mushroom production by using bundled paddy straw substrate (3 layers) with Installation of Fogger and hanging of folding type of Gunny bag outside the wall. |
| 8. | Constraints identified and feedback for research | - |
| 9. | Process of farmers participation and their reaction | Farm women are happy with the fogger technology for paddy straw mushroom production in dry hot summer climate |

*Thematic area:*  Mushroom production

Problem definition: Low yield due to improper production technique

Technology assessed:

TO1 : Mushroom production by using bundled paddy straw substrate (3 layers) with covering the floor with 2 inch sand in moist condition and spreading wet gunny bag along the windows/ walls

TO2: Mushroom production by using bundled paddy straw substrate (3 layers) with Installation of Fogger and hanging of folding type of Gunny bag outside the wall.

Table:

| Technology option | No. of trials | Bud size in length(cm) | Average fruit body weight (g) | Yield(Kg/bed) | Biological efficiency (%) | Cost of cultivation(Rs./bed) | Gross return (Rs/bed) | Net return(Rs/bed) | BC ratio |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| FP | 7 | 3 | 9 | 0.35 | 5 | 50 | 63 | 13 | 1.26 |
| TO1 | 7 | 5 | 11 | 0.5 | 7.14 | 55 | 90 | 35 | 1.63 |
| TO2 | 7 | 5 | 13 | 0.85 | 12.1 | 60 | 153 | 93 | 2.55 |

**OFT-7**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | Assessment of planting methods by seed drills for plant population management in finger millet |
| 2. | Problem diagnosed | Uneven plant stand in broadcasting method,Labour scarcity and high labour cost in transplanting work |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | TO1: Bullock drawn seed cum fertilizer drill, 4 row  TO2:Tractor drawn seed cum fertilizer drill, 9 row |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | OUAT 2021 |
| 5. | Production system and thematic area | Rainfed up land and Farm mechanization |
| 6. | Performance of the Technology with performance indicators | Field capacity(ha/h), TO1=0.13, TO2=0.40,cost of operation,Rs./ha, TO1=2600, TO2=3600 |
| 7. | Final recommendation for micro level situation | Tractor drawn seed cum fertilizer drill may be used for line sowing of finger millet for more area coverage within the specified season |
| 8. | Constraints identified and feedback for research | More research should be conducted on weed control in finger millets |
| 9. | Process of farmers participation and their reaction | Farmers appreciated this technology due reduction in labour cost |

Thematic area:

Problem definition: Uneven plant stands in broadcasting & Labour scarcity and high labour requirement

Technology assessed: TO1: planting of finger millets by bullock drawn 4 rows seed drill

TO2: planting of finger millets by tractor drawn 9 rows seed cum fertilizer drill

Table:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Field capacity,ha/h | Plant height | Cost of sowing,Rs/ha | Yield,q/ha | Cost of cultivation,Rs/ha | Gross Return,Rs/ha | Net return Rs/ha | BC ratio |
| FP: Broad casting method | 7 | 0.34 | 97.5 |  | 8.5 | 25500 | 32300 | 6800 | 1.26 |
| TO1: Bullock drawn seed cum fertilizer drill, 4 row | 7 | 0.13 | 99.5 | 2600 | 10.8 | 27800 | 41840 | 13240 | 1.47 |
| TO2:Tractor drawn seed cum fertilizer drill, 9 row | 7 | 0.4 | 101.3 | 3600 | 13.5 | 28500 | 51000 | 22800 | 1.80 |

Results: Farmers appreciated TO2 as more yield was recorded with higher net income

**OFT-8**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | Assessment of performance of different rice transplanters for transplanting rice seedling in medium and low land |
| 2. | Problem diagnosed | Labour scarcity, More cost of transplanting in manual method,Problem in mechanical  inter cultural operation |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | FP-Manual transplanting  T O 1-Transplanting by 4 rows walk behind transplanter  T O 2-Transplanting by 8 rows sitting type transplanter |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Source : OUAT,2019 |
| 5. | Production system and thematic area | Irrigated medium land and Farm mechanization |
| 6. | Performance of the Technology with performance indicators | Field capacty(ha/h),No of hills per sq. mt.(nos),No of tillers per hill(nos)  Cost of intervention. cost of operation (Rs/ha),Yied(q/ha),BC Ratio |
| 7. | Final recommendation for micro level situation | 4 rows walk behind transplanter may be used for line transplanting of paddyseedlngs for more area coverage within the specified season |
| 8. | Constraints identified and feedback for research |  |
| 9. | Process of farmers participation and their reaction | Farmers appreciated this technology due reduction in labour cost |

*Thematic area:*

Problem definition: Labour scarcity, More cost of transplanting in manual method,Problem in mechanicalintercultural operation

Technology assessed: T O1 -Transplanting by 4 rows walk behind transplanter

T O2 Transplanting by 8 rows sitting type transplanter

Table:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Technology option** | **No. of trials** | **Field capacity,ha/h** | **Plant to plant spacing,(cm)** | **Row to row spacing** | No of hills per sq.mt. | No of tillers per hill | Man days per ha | Yield q/ha | Cost of cultivation Rs/ha | Gross return,Rs/ha | Net return Rs/ha | BC ratio |
| FP:Manual transplanting | 7 | 0.05 | 12.5 |  | 41 | 12 | 50 | 35.4 | 45000 | 99000 | 54000 | 2.2 |
| TO1**:**Transplanting by 4 rows walk behind transplanter | 7 | 0.21 | 15 | 29.5 | 29 | 37 | 3 | 47.8 | 36000 | 133840 | 97840 | 3.71 |
| TO2**:**Transplanting by 8 rows sitting type transplanter | 7 | 0.28 | 16.5 | 23.8 | 32 | 35 | 6 | 47.0 | 36500 | 131600 | 95100 | 3.60 |

Results: Farmers appreciated TO1 in the field

**OFT-9**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Title** | Assessment of adoption rate and sustainability of direct seeded rice methods | | | | | |
| **Season & Year** | Kharif,2024 | No. of Trials | | | N=30+30+30 | |
| **Crop** | Rice | Farming Situation | | | Rainfed, medium land | |
| **Problem** | Poor adoption of mechanised DSR in the district in spite of intervention since few years by different agencies and large number of discontinuance in subsequent years | | | | | |
| **F P** | Practice of manual DSR i.e. broadcasting | | | | | |
| **TO1** | Practice of seed sowing by drum seeder | | | | |  |
| **TO2** | Practice of mechanised DSR | | | | |
| **Characteristics of technology** | TO1: Line sowing of pre germinated rice seeds by drum seeder manually on the wet bed  TO2: Direct sowing of seeds mechanically by the tractor drawn seed drill | | | | | |
| **Observation Parameters** | Coverage in acreage, Rate of adoption, Timeliness, Applicability, Sustainability,  Availability, Constraints analysis | | Performance Indicator | Change in yield, Change in income, Change in production cost, Change in knowledge, Change in skill, Change in perception | | |
| **RESULT** | In Progress | | | | | |

**OFT-10**

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Title of On farm Trial | **Refinement of the improved techniques for cultivation of Paddy straw mushroom (*Volvariella volvacea*) using crumpled straw** |  |
| 2. | Problem diagnosed | Less income due to low yield and high rate of bundle straw |  |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | TO1 : Square compact bed size (30x30 cm) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and horse gram powder(at 3% dry substrate weight)  TO2: Circular compact bed size -(45 cm diameter, 45 cm height) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and horse gram powder (at 3% dry substrate weigh) |  |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Department of Plant Pathology, Tamil Nadu Agricultural University, Coimbatore,2012) |  |
| 5. | Production system and thematic area | Homestaed, Income generation |  |
| 6. | Performance of the Technology with performance indicators | Average fruit body weight, pin head appearance (days), Biological efficiency, yield |  |
| 7. | Final recommendation for micro level situation | Circular compact bed size -(45 cm diameter, 45 cm height) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and horse gram powder (at 3% dry substrate weigh) |  |
| 8. | Constraints identified and feedback for research | - |  |
| 9. | Process of farmers participation and their reaction | Farm women are happy with the Circular compact bed size -(45 cm diameter, 45 cm height) Mushroom production by using crumpled paddy straw |  |

*Thematic area:* Mushroom production

Problem definition: Less income due to low yield and high rate of bundle straw

Technology assessed:

TO1 : Square compact bed size (30x30 cm) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and horse gram powder(at 3% dry substrate weight)

TO2: Circular compact bed size -(45 cm diameter, 45 cm height) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and horse gram powder (at 3% dry substrate weigh)

Table:

| Technology option | No. of trials | Bud size in length(cm) | Average fruit body weight (g) | Appearance of pin head (Days) | Yield(Kg/bed) | Biological efficiency (%) | Cost of cultivation(Rs./bed) | Gross return (Rs/bed) | Net return(Rs/bed) | BC ratio |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| FP | 7 | 4 | 12 | 5 | 0.47 | 9.4 | 42 | 75 | 33 | 1.78 |
| TO1 | 7 | 5 | 13 | 5 | 0.52 | 10.4 | 42 | 83 | 41 | 1.97 |
| TO2 | 7 | 5 | 13 | 5 | 0.56 | 11.2 | 42 | 90 | 48 | 2.1 |

Results:

Good quality photographs of different treatments:

**OFT-11**

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Title of On farm Trial | Assessment of blended ragi & Green gram malt. |  |
| 2. | Problem diagnosed | No value added products prepared from Millet |  |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | **TO1**: **Ragi Malt powder**: Soak ragi &Greengram separately in water (12 hours), sprout ragi (24hrs) & Green gram (12hrs), dry the sprouted grains, remove the rootlets, roast the grains, grind to the fine powder, keep in an airtight glass jar  **TO2:** Chhatua preparation from Ragi and Greengram |  |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | TO1-AICRP, PHET, CAET- OUAT, 2014  TO2- AICRP, PHET, CAET- OUAT, 2014 |  |
| 5. | Production system and thematic area | Homestead |  |
| 6. | Performance of the Technology with performance indicators | Shelf life(days), Sensory Evaluation (0–9-point hedonic scale), Nutritional profile/100g**,**NetReturn(Rs.), B:C ratio |  |
| 7. | Final recommendation for micro level situation | Continued |  |
| 8. | Constraints identified and feedback for research |  |
| 9. | Process of farmers participation and their reaction |  |

*Thematic area:* Nutritional security

Problem definition: No value added products prepared from Millet

Technology assessed:

**TO1**: **Ragi Malt powder**: Soak ragi &Greengram separately in water (12 hours), sprout ragi (24hrs) & Green gram (12hrs), dry the sprouted grains, remove the rootlets, roast the grains, grind to the fine powder, keep in an airtight glass jar

**TO2: Chhatua preparation** from Ragi and Greengram

**3.2 Achievements of Frontline Demonstrations**

**A. Details of FLDs conducted during the year**

**Cereals**

| Sl.  No. | Crop | Thematic area | Technology Demonstrated with detailed treatments | Area (ha) | | No. of farmers/ demonstration | | | | | | | | | Reasons for shortfall in achievement |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Proposed | Actual | SC | | ST | | Others | | Total | | |
| M | F | M | F | M | F | M | F | T |
| 1 | Tomato | Farm mechanization | Demonstration of single Row Vegetable Transplanter | 0.4 | 0.4 |  |  | 6 |  | 4 |  | 10 |  | 10 |  |
| 2 | Paddy | Farm mechanization | Demonstration of tractor drawn seed cum fertilizer drill for DSR | 2 ha | 2 ha |  |  | 5 |  | 5 |  | 10 |  | 10 |  |
| 3 | Vegetable  (Cauliflower) | Farm mechanization | Demonstration of double Row Vegetable Transplanter | 0.4 | 0.4 |  |  |  |  |  |  |  |  |  |  |
| 4 | Green Gram | INM | Demonstration of Foliar nutrition for improving mungbean productivity | 2 | 2 |  |  | 8 |  | 1 | 1 | 9 | 1 | 10 | - |
| 5 | Black Gram | INM | Demonstration of INM module in Black gram | 2 | 2 |  |  | 6 | 3 | 0 | 1 | 6 | 4 | 10 |  |
| 6 | Sesamum | INM | Demonstration of INM module in Sesamum | 2 | 2 |  |  | 7 | 1 | 2 |  | 9 | 1 | 10 |  |
| 7 | Finger Millet | Varietal evaluation | Demonstration of Arjuna variety of finger millet | 2 | 2 |  |  | 3 | 2 | 3 | 2 | 5 | 5 | 10 |  |
| 8 | Paddy | Farm mechanization | Line sowing paddyby tractordrawn 9 row seed cum fertilizer drill | 1.0 | 1.0 |  |  | 6 |  | 4 |  | 10 |  | 10 | - |

Details of farming situation

| Crop | Season | Farming situation (RF/Irrigated) | Soil type | Status of soil (Kg/ha) | | | Previous crop | Sowing date | Harvest date | Seasonal rainfall (mm) | No. of rainy days |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N | P2O5 | K2O |
| Green Gram | Rabi | Irrigated | Clay loam | 275 | 4.5 | 126 | Paddy | 17/1/2024-27/1/2024 | 30/3/2024-5/4/2024 | 20 | nil |
| Black Gram | Rabi | Irrigated | Clay | 290 | 5.2 | 131 | Paddy | 15/2/2024-20/2/2024 | 30/4/2024 to 5/5/2024 | 20 | nil |
| Sesamum | Rabi | Irrigated | Clay loam | 267 | 4.7 | 128 | Paddy/Vegitables | 1/2/2024-15/2/2024 | 10/5/2024 to 15/5/2024 | 20 | nil |
| Finger Millet | Kharif | Rainfed | Sandy Loam | 280 | 6.2 | 134 | Vegitables | 17/8/2024-30/2/2024 | 20/11/2024 to 30/11/2024 | 100 | 1 |

**Performance of FLD**

**Pulses:**

**Frontline demonstrations on oilseed crop**s

| Crop | Thematic Area | Name of the technology demonstrated | No. of Farmers | Area  (ha) | Yield (q/ha) | | % Increase | \*Economics of demonstration (Rs./ha) | | | | \*Economics of check  (Rs./ha) | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Demo | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| Sesamum | INM | Demonstration of INM module in Sesamum | 10 | 2 | 53 | 42 | 20.75 | 27575 | 50462 | 22887 | 1.83 | 26175 | 43613 | 17438 | 1.6 |
| Total |  | Demonstration of INM module in Sesamum | 10 | 2 | 53 | 42 | 20.75 | 27575 | 50462 | 22887 | 1.83 | 26175 | 43613 | 17438 | 1.6 |

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

\*\* BCR= GROSS RETURN/GROSS COST

**Oilseed  
Frontline demonstration on pulse crops**

| Crop | Thematic Area | Name of the technology demonstrated | No. of Farmers | Area  (ha) | Yield (q/ha) | | % Increase | \*Economics of demonstration (Rs./ha) | | | | \*Economics of check  (Rs./ha) | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Demo | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| Green Gram | INM | Demonstration ofFoliar nutrition For improving mungbean productivity | 10 | 2 | 3.66 | 3.08 | 18.83 | 17500 | 30800 | 13300 | 1.61 | 16000 | 23840 | 7840 | 1.49 |
| Black Gram | INM | Demonstration of INM module in Black gram | 10 | 2 | 3.16 | 3.86 | 22.15 | 17060 | 30880 | 13820 | 1.81 | 14321 | 25280 | 10959 | 1.76 |
|  | **Total** |  | 20 | 4 |  |  |  |  |  |  |  |  |  |  |  |

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

\*\* BCR= GROSS RETURN/GROSS COST

**Other crops**

| Crop | Thematic area | Name of the technology demonstrated | No. of Farmer | Area  (ha) | Yield (q/ha) | | % change in yield | Other parameters | | \*Economics of demonstration (Rs./ha) | | | | \*Economics of check  (Rs./ha) | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Demons  ration | Check | Demo | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| Finger Millet | Varietal Introduction | FP- Simlipal Variety of Finger Millet  Demo- Arjuna variety of finger millet | 10 | 2 | 10.36 | 15.2 | 46.7 | Plant Height- 76.2 cm  N0 of effective tillers/clump-1.8 | Plant Height- 72.1 cm  N0 of effective tillers/clump-1.4 | 30400 | 53200 | 15800 | 1.75 | 28700 | 36260 | 7560 | 1.26 |
|  | **Total** | | **10** | **2** |  | | | | | | | | | | | | |

\*Weed density/m-2 at 90DAT for paddy

\*\*Weed density/sq. m at 60 DAS for Maize

\*\*\*Disease Incidence (%)

**Livestock**

| 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 | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| Dairy | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cow | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Buffalo | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Poultry | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rabbitry | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Pigerry | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sheep and goat | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Duckery | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Others | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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

\*\* BCR= GROSS RETURN/GROSS COST

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 | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| Common carps | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Mussels | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Ornamental fishes | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Others | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
|  |  | Total |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

\*\* BCR= GROSS RETURN/GROSS COST

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 | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Demons  ration | Check | Demons  Ration | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| Oyster mushroom | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Button mushroom | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Vermicompost | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Dried Oyster mushroom | Soaking of mushroom for 6-7 hours in preservatives (0.6 gm Potassium meta bisulphite and 10 gm citric acid/kg fresh mushroom diluted in one litre normal water) followed by drying under sun for 3 consecutive days and packaging | 10 | 10 | Sessory evaluation  (Hedonic scale of rating)  7 | - |  | Keeping quality (Days)  365 | 2 | 450 | 750 | 300 | 1.66 | 400 | 500 | 100 | 1.25 |
| Jackfruit Wafer | Preparation of jackfruit wafers by dipping the slices in 2% brine solution for 5 minutes for colour retention and keep inside the solar dryer for 24 -30 hrs | 10 | 10 | Sensory evaluation  (Hedonic scale of rating)  7 |  |  | Keeping quality (Days)  280 | 8 | 400 | 650 | 250 | 1.62 | 300 | 375 | 75 | 1.25 |
| Mahua Stamen remover | Power operated mahua flower stamen remover Operated by 0.5 hp electric motor, capacity of 25- 30kg/hr easy to handle and suitable for small and medium farm women and SHGs. | 10 | 10 | Out put (Kg/hr)  39.55 | 9.65 | 309.8 | Heart Rate (Beats/min)  84 | 116 | Drudgery (kJ/min)  4.63 | 7.72 | Drudgery Saving (%)  110% | - | - | - | - | - |
| Quail farming | Demonstration on small scale quail farming | 10 | 10 | Body weight (Kg/year)-0.24 | 1.55 |  | Egg production (Nos/year)-232 | 95 | 2464 | 5914 | 3450 | 2.4 | 3008 | 6032 | 3024 | 2.0 |
| Honey production | Fixing of new comb in comb honey production frame and fixing it with the wooden or plastic ISI specified frame size and collecting the comb honey frames at the right time (when combs are sealed cent percent) from the super chamber. Packing of the comb honey wrapped in food grade cling wrap along with its plastic comb honey frame without damage to the comb in hard boxes. | 10 | 10 | Honey production (Kg/year), Net income, B:C | Result awaited |  |  |  |  |  |  |  |  |  |  |  |
| Tractor drawn 9 rows seed cum fertilizer drill | Demonstration of tractordrawn 9 rows seed cum fertilizer drill for DSR | 10 | 10 | Seed rate(kg/ha)-25,No of tillers per hill(Nos)-16, | 75  4 |  | Yield(q/ha)-36.5, | 29..5 | 48800 | 78260 | 29460 |  | 43500 | 63425 | 19925 | 1.45 |
| CRIJAF cycle Weeder | CRIJAF Weeder for intercultural operation in Ragi | 10 | 10 | Field capacity (ha/h) -0.016  Weeding efficiency(%)-85.6  Cost ofweeding (Rs./ha)-2800, | 0.0025  95.3  8800 |  | Yield(q/ha)-15.5 | 15.4 | 22,700 | 51,100 | 28450 | 2.25 | 29,500 | 50,820 | 21320 | 1.72 |
| Bullock drawn puddler | Bullock drawn puddler for small and marginal farmers | 10 | 10 | Field capacity (ha/h) -0.03  Man days,required for puddling per ha**.-1**  Cost of operation(Rs/ha**)-700** | 0.022  6  4200 |  | Yield(q/ha)-38.5 | 37.6 | 64800 | 82800 | 18000 | 1.27 | 68400 | 80900 | 12500 | 1.18 |
| Total | | 80 | 80 |  | | | | | | | | | | | | |

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

\*\* BCR= GROSS RETURN/GROSS COST

Women empowerment

| Category | Name of technology | No. of demonstrations | Observations | | Remarks |
| --- | --- | --- | --- | --- | --- |
| Demonstration | Check |
| Farm Women | - | - | - | - | - |
| Pregnant women | - | - | - | - | - |
| Adolescent Girl | - | - | - | - | - |
| Other women | - | - | - | - | - |
| Children | - | - | - | - | - |
| Neonatal | - | - | - | - | - |
| Infants | - | - | - | - | - |

Farm implements and machinery

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name of the implement | Crop | Name of the technology demonstrated | No. of Farmer | Area (ha) | Filed observation (output/man hour) | | % change in major parameter | Labourreduction,mandays | | | | Cost reduction,Rs/ha or Rs/unit | | | |
| Demons  ration | Check | Demo | Check | reduction,  mandays |  | Demo | Check | Saving % |  |
| Single Row Vegetable Transplanter | Tomato | Demonstration of single Row Vegetable Transplanter | 10 | 0.4 | Transplanting capacity (Nos/min)-12, | 5 | 140% | 7 | 20 | 13 |  | 80 | 180 | 55 % |  |
| Tractor drawn seed cum fertilizer drill | Paddy | Demonstration of tractor drawn seed cum fertilizer drill forDSR | 10 | 2 | Field capacity(ha/h)-0.4,  Seed rate,  (kg/ha)-25 kg,  Nos of tillers per hill-18nos | 0.35  75 kg  5nos |  |  |  |  |  |  |  |  |  |
| Double Row Vegetable Transplanter | Cauliflower | Demonstration of double Row Vegetable Transplanter | 10 | 0.4 | No of Seedlings Transplanting per minute. in standing position(nos)=26 | 5 | 420% | 3 | 20 | 75% |  | Cost of transplanting 1000 nos. of vegetable seedling- RP:Rs 48/-, | 210 | Saving Rs162/- per 1000 seedling transplantation |  |

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

\*\* BCR= GROSS RETURN/GROSS COST

**Demonstration details on crop hybrids**

| Crop | Name of the Hybrid | No. of farmers | Area  (ha) | Yield (kg/ha) / major parameter | | | Economics (Rs./ha) | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cereals |  |  |  | Demo | Local check | % change | Gross Cost | GrossReturn | Net Return | BCR |
| Bajra | - | - | - | - | - | - | - | - | - | - |
| Maize | - | - | - | - | - | - | - | - | - | - |
| Paddy | - | - | - | - | - | - | - | - | - | - |
| Sorghum | - | - | - | - | - | - | - | - | - | - |
| Wheat | - | - | - | - | - | - | - | - | - | - |
| Total | - | - | - | - | - | - | - | - | - | - |
| Oilseeds | - | - | - | - | - | - | - | - | - | - |
| Castor | - | - | - | - | - | - | - | - | - | - |
| Mustard | - | - | - | - | - | - | - | - | - | - |
| Safflower | - | - | - | - | - | - | - | - | - | - |
| Sesame | - | - | - | - | - | - | - | - | - | - |
| Sunflower | - | - | - | - | - | - | - | - | - | - |
| Groundnut | - | - | - | - | - | - | - | - | - | - |
| Soybean | - | - | - | - | - | - | - | - | - | - |
| Others (Pl. specify) | - | - | - | - | - | - | - | - | - | - |
| Total | - | - | - | - | - | - | - | - | - | - |
| Pulses | - | - | - | - | - | - | - | - | - | - |
| Green gram | - | - | - | - | - | - | - | - | - | - |
| Black gram | - | - | - | - | - | - | - | - | - | - |
| Bengal gram | - | - | - | - | - | - | - | - | - | - |
| Red gram | - | - | - | - | - | - | - | - | - | - |
| Others (Pl. specify) | - | - | - | - | - | - | - | - | - | - |
| Total | - | - | - | - | - | - | - | - | - | - |
| Vegetable crops | - | - | - | - | - | - | - | - | - | - |
| Bottle gourd | - | - | - | - | - | - | - | - | - | - |
| Capsicum | - | - | - | - | - | - | - | - | - | - |
| Cucumber | - | - | - | - | - | - | - | - | - | - |
| Tomato | - | - | - | - | - | - | - | - | - | - |
| Brinjal | - | - | - | - | - | - | - | - | - | - |
| Okra | - | - | - | - | - | - | - | - | - | - |
| Onion | - | - | - | - | - | - | - | - | - | - |
| Potato | - | - | - | - | - | - | - | - | - | - |
| Marigold | Bidhan Marigold-2 | 10 | 0.4 | 1.02kg/plant | 0.760 kg/plant | 34.2 | 102320 | 270000 | 167680 | 2.63 |
| Chilli | Arka Tejaswi | 10 | 0.4 | 7700 | 12900 | 40.3 | 105000 | 412000 | 307000 | 3.92 |
| Total | - | - | - | - | - | - | - | - | - | - |
| Commercial crops | - | - | - | - | - | - | - | - | - | - |
| Cotton | - | - | - | - | - | - | - | - | - | - |
| Coconut | - | - | - | - | - | - | - | - | - | - |
| Others (Pl. specify) | - | - | - | - | - | - | - | - | - | - |
| Total | - | - | - | - | - | - | - | - | - | - |
| Fodder crops | - | - | - | - | - | - | - | - | - | - |
| Napier (Fodder) | - | - | - | - | - | - | - | - | - | - |
| Maize (Fodder) | - | - | - | - | - | - | - | - | - | - |
| Sorghum (Fodder) | - | - | - | - | - | - | - | - | - | - |
| Total | - | 14 | 0.8ha | 44481 | 33275 | 71.54 | 234400 | 810000 | 575600 | 7.08 |
|  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Title** | **Demonstration on effectiveness of short technology videos on technology adoption** | | |
| **Season & Year** | Rabi, 2023-24 | **No. of demo.** | 30+30 |
| **Crop** | Pulses and oilseeds (Green gram) | **Farming Situation** | Irrigated up/medium land |
| **Problem Diagnosed** | Less efficacy of existing dissemination modes i.e. text messages/verbal advisory | | |
| **FP** | Farmers are getting text messages and advisories from various sources | | |
| **Demo** | Preparation of small videos (0.5 -2.0 minutes) on different activities / stages on the skill of production process and the same will be uploaded in YouTube for access of farmers | | |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Parameters** | **Farmers’ Practice (n=30)** | | | | | **Recommended Practice (n=30)** | | | | |
| Strongly agree | Agree | Partially agree | Somehow agree | Not at all agree | Strongly agree | Agree | Partially agree | Some how agree | Not at all agree |
| Informative | 1 | 5 | 8 | 10 | 6 | 6 | 8 | 11 | 4 | 1 |
| Understandable | 0 | 4 | 6 | 13 | 7 | 7 | 10 | 5 | 6 | 2 |
| Timeliness | 2 | 7 | 11 | 9 | 1 | 3 | 6 | 13 | 5 | 4 |
| Applicability | 1 | 9 | 10 | 7 | 3 | 2 | 7 | 10 | 8 | 3 |
| Sustainability | 0 | 8 | 13 | 8 | 1 | 4 | 9 | 9 | 7 | 1 |
| Change in knowledge | 2 | 3 | 15 | 10 | 0 | 6 | 10 | 8 | 4 | 2 |
| Change in skill | 0 | 6 | 9 | 11 | 4 | 3 | 8 | 12 | 4 | 3 |
| Rate of adoption | 1 | 7 | 12 | 8 | 2 | 2 | 9 | 10 | 8 | 1 |

RESULT

Comparison by the t-test between Farmers’ Practice i.e. Getting text messages and advisories from various sources with Demonstrationi.e. Getting message from small videos (0.5 -2.0 minutes) on different activities / stages on the skill of production process and the same uploaded in YouTube for access of farmers, the t-value is found to be 1.243 which implies highly significant difference.



Good quality photographs of FLDs





**Technical Feedback on the demonstrated technologies**

| Sl. No | Crop | Feed Back |
| --- | --- | --- |
| 1. | Mannualdouble Row Vegetable Transplanter | Self-propelled type of Vegetable Transplanterfor medium and large farmers |
| 1. | Tractor drawn 9-rows seed cum fertilizer drill | Tractor drawn seed cum fertilizer drill is suitable for line sowing which is appreciated by the farmers |
| 2. | CRIJAF Cycle weeder | CRIJAF cycle weeder in Ragi is suitable and it saves 68 % labour cost which is appreciated by the farmers |
| 3. | Bullock drawn Puddler | Bullock drawn puddler which saves puddling cost 83.3 % over desi plough which is appreciated by the small and marginal farmers |
| 4 | Mini Dal mill | Farm women were happy with the performance of Mini Dal mill. They can utilize it in on commercial basis and increased their fund. |
| 5 | Oyster Mushroom | The farm women can store dried oyster mushroom safely for more than one year. They can also prepare different value added products from dried Oyster mushroom throughout the year. |
| 6 | Jackfruit | The farm women stated very nice way to store jackfruit and it will be available round the year, with its original taste and flavour. |
| 7 | Mahua stamen remover | Farm women appreciated this technology for its easy removal of stamen and they can prepare different value added products from Mahua flower after removal of stamen. |
| 8 | Tomato | Farmers are willing to adopt the variety as no disease incidence was recorded with higher yield & having good keeping quality |
| 9 | Papaya | Farmers appreciated demonstrated technology as more yield recorded with higher net income |

Extension and Training activities under FLD

| Sl.No. | Activity | Date | No. of activities organized | Number of participants | Remarks |
| --- | --- | --- | --- | --- | --- |
| 1. | Field days | 3.1.2024  28.03.2024  27.11.2024  17.02.2024,  21.03.2024 | 5 | 192 | Village-Swargachhida(Block-Kuliana, Village-Baldia(Block-Moroda)  Field day on Arjuna variety of Finger millet at Asanjodi, Bangirposi, Mayurbhanj |
| 2. | Farmers Training | 15th and 16thfeb 2024, 27thfeb 2024, , 28thfeb 2024, 28.06.2024, 6.9.2024, 9.10.2024 | Six | 159 |  |
| 3. | Media coverage | - | - | - | - |
| 4. | Training for extension functionaries | 21st and 22ndaug 2024 | one | 25 |  |

**Performance of the demonstration under CFLD on Oilseed Crops,Summer-2024:**

1. **Technical Parameters:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Crop demonstrated | Existing (Farmer's) variety name | Existing yield  (q/ha) | Yield gap (Kg/ha)  w.r.to | | | Name of Variety + Technology  demonstrated | Number of farmers | Area in ha | Yield obtained (q/ha) | | | Yield gap minimized  (%) | | |
| District  yield (D) | State  yield (S) | Potential  yield (P) |
| Max. | Min. | Av. | D | S | P |
| 1 | Sesame | Local | 4.4 | 4.22 | 4.02 | 9.0 | Improved Sesame Variety-Smarak, | 32 | 20 | 8.4 | 7.2 | 7.8 | 84.83 | 94.02 |  |

1. **Economic parameters**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Variety demonstrated & Technology demonstrated | Farmer’s Existing plot | | | | Demonstration plot | | | |
| Gross Cost  (Rs/ha) | Gross return  (Rs/ha) | Net Return  (Rs/ha) | B:C  ratio | Gross Cost  (Rs/ha) | Gross return  (Rs/ha) | Net Return  (Rs/ha) | B:C  Ratio |
| 1 | Sesame Variety-Smarak,Application of FYM @4 t/ha+Seed treatment with bavistin@2 gm per kg of seed,Preemergence weedicide pendimethalin @6 ml per one lit of water ,Foliarspaying of multiplex @2.5 ml per one liter of water(Liquid N)Resistant to root rot,adaptability under high heat and drought situation | 15500 | 34400 | 18900 | 2.21 | 22632 | 62400 | 39768 | 2.76 |

1. **Socio-economic impact parameters**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Crop and variety  Demonstrated | Total Produce  Obtained (kg) | Produce sold  (Kg/household) | Selling  Rate  (Rs/Kg) | Produce used for own sowing (Kg) | Produce distributed to other farmers (Kg) | Purpose for which income gained was utilized | Employment Generated (Mandays/house hold) |
| 1 | Sesame Variety-Smarak | 18461 | 915 | 80 | 5945 | 4050 | household expenditure and purchase of input for rabi agriculture 2023-24 | 10 |

1. **Oilseed Farmers’ perception of the intervention demonstrated**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Technologies demonstrated  (with name) | Farmers' Perception parameters | | | | | |
| Suitability to their farming system | Likings  (Preference) | Affordability | Any negative effect | Is Technology acceptable to all in the group/village | Suggestions, for change/improvement, if any |
| 1. | Varietal change | Yes | 2 | 40% | No | Yes | NA |
| 2. | Seed treatment | Yes | 5 | 35% | No | Yes | NA |
| 3. | Micronutrient application | Yes | 3 | 55% | No | Yes | NA |
| 4. | STBFR | Yes | 3 | 65% | No | Yes | NA |
| 5. | Biofertilizer application | Yes | 4 | 70% | No | Yes | NA |
| 6. | Application of need based plant protection chemicals | Yes | 1 | 65% | No | Yes | NA |

1. **Specific Characteristics of Technology and Performance**

| Specific Characteristic | Performance | Performance of Technology vis-a vis Local Check | Farmers Feedback |
| --- | --- | --- | --- |
| - | - | - | - |

1. **Extension activities under FLD conducted:**

| Sl. No. | Extension Activities organized | Date and place of activity | Number of farmer attended |
| --- | --- | --- | --- |
| 1 | Field Day | 16.03.2024,Jambadi | 50 |

1. **Sequential good quality photographs (as per crop stages i.e. growth & development)**
2. **Farmers' training photographs**
3. **Quality Action Photographs of field visits/field days and technology demonstrated.**

**J. Details of budget utilization (oilseed)**

| Crop | Items | Budget  Received(Rs.) | Budget  Utilization(Rs.) | Balance(Rs.) |
| --- | --- | --- | --- | --- |
| Groundnut | i) Critical input | 1,00000 | 90,376 |  |
| ii) TA/DA/POL etc. for monitoring |  |  |  |
| iii) Extension Activities (Field day) |  | 3589 |  |
| iv)Publication of literature |  | 6035 |  |
|  | **Total** | **1,00000** | **1,00000** | **Nil** |

* 1. **Achievements on Training (Including the sponsored and FLD training programmes):**

1. **Farmers and farm women (on campus)**

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | **ST** | | |
|  | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| **I. Crop Production** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Weed Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Resource Conservation Technologies |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cropping Systems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Crop Diversification |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation/irrigation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Crop Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soil & water conservation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated nutrient Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **II. Horticulture** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of low volume and high value crops | 1 | 23 | 5 | 28 | - | - | - | 2 | 2 | 4 | 25 | 7 | 32 |
| Off season vegetables | 1 | 2 | 2 | 4 | - | 1 | 1 | 12 | 9 | 21 | 14 | 12 | 26 |
| Nursery raising |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exotic vegetables |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (a) | 2 | 25 | 7 | 32 | 0 | 1 | 1 | 14 | 11 | 25 | 39 | 19 | 58 |
| **b) Fruits** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Layout and Management of Orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cultivation of Fruit | 1 | 27 | 2 | 29 | - | - | - | 1 | - | 1 | 28 | 2 | 30 |
| Management of young plants/orchards | 1 | - | 31 | 31 | - | - | - | - | - | - | - | 31 | 31 |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Export potential fruits |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (b) | 2 | 27 | 33 | 60 | 0 | 0 | 0 | 1 | 0 | 1 | 28 | 33 | 61 |
| **c) Ornamental Plants** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Export potential of ornamental plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (c) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **d) Plantation crops** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (d) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **e) Tuber crops** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (e) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **f) Spices** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (f) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **g) Medicinal and Aromatic Plants** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (g) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total(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 fertilizer |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soil & water testing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **IV. Livestock Production and Management** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Poultry Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Piggery Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Animal Nutrition Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Feed & fodder technologies |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **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 & cooking |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Storage loss minimization techniques |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Value addition | **2** | **0** | **26** | **26** | **0** | **0** | **0** | **0** | **19** | **19** | **0** | **45** | **45** |
| Women empowerment |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Women and child care |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** | **2** | **0** | **26** | **26** | **0** | **0** | **0** | **0** | **19** | **19** | **0** | **45** | **45** |
| **VI. Agril. Engineering** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Farm machinery & 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **VII. Plant Protection** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Disease Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Biocontrol of pests and diseases |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **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 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **IX. Production of Input at site** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bio0agents production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bio0pesticides production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bio0fertilizer production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vermi0compost production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Organic manures production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of fry and fingerlings |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of Bee0colonies and wax sheets |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Small tools and implements |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of livestock feed and fodder |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of Fish feed |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mushroom production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Apiculture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **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 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **XI. Agro forestry** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **XII. Others (Pl. Specify)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **GRAND TOTAL** | **6** | **20** | **54** | **74** | **0** | **7** | **7** | **24** | **31** | **55** | **44** | **92** | **136** |

**B) Rural Youth (on campus)**

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | **ST** | | |
| **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| Nursery Management of Horticulture crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Training and pruning of orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Protected cultivation of vegetable crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Commercial fruit production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated farming | 2 | 16 | 14 | 39 |  |  |  | 9 | 0 | 9 | 25 | 14 | 39 |
| Seed production | 1 | 20 | 1 | 21 |  |  |  |  |  |  | 20 | 1 | 21 |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vermiculture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mushroom Production | **4** | **7** | **31** | **38** | **8** | **0** | **8** | **13** | **6** | **19** | **28** | **37** | **65** |
| Beekeeping |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements | 4 | 18 |  |  |  |  |  | 51 |  |  |  |  | 69 |
| Value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Small scale processing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tailoring and Stitching |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts(Value added products from Sabai) | **1** | **0** | **11** | **11** | **0** | **0** | **0** | **0** | **5** | **5** | **0** | **16** | **16** |
| 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Marketing management) | 01 | 0 | 24 | 24 | 0 | 01 | 01 | 0 | 0 | 0 | 0 | 25 | 25 |
| FPOs and Cooperative management) | 01 | 0 | 05 | 05 | 0 | 0 | 0 | 0 | 10 | 10 | 0 | 15 | 15 |
| **Total** | **14** | **61** | **86** | **138** | **8** | **1** | **9** | **73** | **21** | **43** | **73** | **108** | **250** |

**C) Extension Personnel (on campus)**

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | **ST** | | |
| **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| Productivity enhancement in field crops | 2 | 2 | 18 | 20 |  |  |  | 29 | `1 | 30 | 31 | 19 | 50 |
| Integrated Pest Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Protected cultivation technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Care and maintenance of farm machinery and implements | 2 | 24 | 1 | 25 | 1 |  | 1 | 17 | 2 | 19 | 42 | 3 | 45 |
| 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 | 01 | 12 | 0 | 12 | 0 | 0 | 0 | 12 | 0 | 12 | 24 | 0 | 24 |
| Information networking among farmers |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Capacity building for ICT application |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Management in farm animals |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mushroom cultivation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Small women friendly farm tools |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other- Training need assessment and formulation of training programme |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Process documentation and farm journalism |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Preparation and Use of low cost Audio- Visual aids |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other (Training management) | 01 | 08 | 02 | 10 | 01 | 0 | 01 | 02 | 04 | 06 | 11 | 06 | 17 |
| FPO management | 01 | 24 | 0 | 24 | 0 | 0 | 0 | 01 | 0 | 01 | 25 | 0 | 25 |
| Process Documentation and farm Journalism | 01 | 10 | 04 | 14 | 01 | 0 | 01 | 03 | 07 | 10 | 14 | 11 | 25 |
| Other (Mushroom production) | **1** | **0** | **17** | **17** | **0** | **0** | **0** | **0** | **17** | **17** | **0** | **25** | **25** |
| Value addition of fruits and vegetables | **1** | **14** | **3** | **17** | **0** | **0** | **0** | **8** | **0** | **8** | **22** | **3** | **25** |
| **Total** | **10** | **94** | **45** | **139** | **3** | **0** | **3** | **72** | **30** | **103** | **169** | **67** | **236** |

**D) Farmers and farm women (off campus)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area** | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
| Other | | | SC | | | ST | | |
| M | F | T | M | F | T | M | F | T | M | F | T |
| I. Crop Production |  |  |  |  |  |  | 0 |  |  |  |  |  |  |
| Weed Management | 3 | 13 | 12 | 25 |  |  |  | 42 | 23 | 65 | 55 | 35 | 90 |
| Resource Conservation Technologies | 1 |  | 1 | 1 |  |  |  | 23 | 1 | 24 | 23 | 2 | 25 |
| Cropping Systems | 1 | 17 | 7 | 24 |  |  |  |  | 1 | 1 | 17 | 8 | 25 |
| Crop Diversification |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation/irrigation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Crop Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soil & water conservation | 1 | 1 |  | 1 |  |  |  | 23 | 1 | 24 | 24 | 1 | 25 |
| Integrated nutrient Management | 3 | 17 | 13 | 30 |  |  |  | 40 | 6 | 46 | 57 | 19 | 76 |
| Production of organic inputs | 2 | 24 | 6 | 30 |  |  |  |  |  |  | 24 | 6 | 30 |
| Others | 1 | 2 | 7 | 9 |  |  |  | 15 | 6 | 21 | 17 | 21 | 36 |
| **Total** | **12** | **74** | **46** | **120** | **0** | **0** | **0** | **143** | **38** | **181** | **217** | **92** | **307** |
| II. Horticulture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| a) Vegetable Crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of low volume and high value crops | 1 | 16 | - | 16 | - | - | - | 9 | - | 9 | 25 | - | 25 |
| Off season vegetables | 1 | 5 | 3 | 8 | - | - | - | 10 | 7 | 17 | 15 | 10 | 25 |
| Nursery raising |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exotic vegetables |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Export potential vegetables | 1 | 2 | - | 2 | - | 1 | - | 12 | - | 12 | 14 | 1 | 15 |
| Grading and standardization |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others(INM in potato) | 1 |  |  |  | 25 |  | 25 |  |  |  | 25 |  | 25 |
| **Total (a)** | **4** | **23** | **3** | **26** | **25** | **1** | **25** | **31** | **7** | **38** | **79** | **11** | **90** |
| 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(INM in papaya) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total (b)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| c) Floriculture Plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Export potential of Floriculture plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Propagation techniques of Floriculture Plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others(Cultivation practices of marigold) | 2 | 18 | 11 | 29 | - | - |  | 12 | 9 | 21 | 30 | 20 | 50 |
| **Total (c)** | **2** | **18** | **11** | **29** | **-** | **-** |  | **12** | **9** | **21** | **30** | **20** | **50** |
| d) Plantation crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (d) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| e) Tuber crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (e) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| f) Spices |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (f) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| g) Medicinal and Aromatic Plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (g) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total(a-g)** | **6** | **41** | **14** | **55** | **25** | **1** | **25** | **43** | **16** | **59** | **109** | **31** | **140** |
| 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 fertilizer |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soil & water testing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  |  |  |
| IV. Livestock Production and Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Poultry Management | **1** | **0** | **3** | **3** | **0** | **4** | **4** | **0** | **23** | **23** | **0** | **30** | **30** |
| Piggery Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Animal Nutrition Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Feed & fodder technologies |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Rearing of Quail) | **1** | **0** | **1** | **1** | **0** | **0** | **0** | **0** | **26** | **26** | **0** | **27** | **27** |
| Total | **2** | **0** | **4** | **4** | **0** | **4** | **4** | **0** | **49** | **49** | **0** | **57** | **2** |
| V. Home Science/Women empowerment |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening | **1** | **0** | **23** | **23** | **0** | **1** | **1** | **0** | **6** | **6** | **0** | **30** | **30** |
| Design and development of low/minimum cost diet |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Designing and development for high nutrient efficiency diet |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimization of nutrient loss in processing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing & cooking |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Storage loss minimization techniques |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Value addition | **2** | **0** | **56** | **56** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **56** | **56** |
| Women empowerment |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies | **1** | **0** | **3** | **3** | **0** | **1** | **1** | **0** | **22** | **22** | **0** | **26** | **26** |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Women and child care |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (mushroom production) | **1** | **0** | **20** | **20** | **0** | **7** | **7** | **0** | **4** | **4** | **0** | **31** | **31** |
| Rearing of Honey bees | **1** | **0** | **4** | **4** | **0** | **1** | **1** | **0** | **20** | **20** | **0** | **25** | **25** |
| **Total** | **6** | **0** | **106** | **106** | **0** | **10** | **10** | **0** | **52** | **52** | **0** | **168** | **6** |
| VI. Agril. Engineering |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Farm machinery & its maintenance | 12 | 93 | 19 | 112 | 10 | 6 | 16 | 142 | 76 | 218 | 245 | 98 | 343 |
| 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** | **12** | **93** | **19** | **112** | **10** | **6** | **16** | **142** | **76** | **218** | **245** | **98** | **343** |
| VII. Plant Protection |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Disease Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bio0control of pests and diseases |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X. Capacity Building and Group Dynamics |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Leadership development |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Group dynamics |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs | 01 | 0 | 09 | 09 | 0 | 0 | 0 | 0 | 16 | 16 | 0 | 25 | 25 |
| Mobilization of social capital |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Farm Planning) | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | 25 | 15 | 10 | 25 |
| **Total** | **2** | **0** | **9** | **9** | **0** | **0** | **0** | **15** | **26** | **41** | **15** | **35** | **50** |
| XI. Agro forestry |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  |  |  |
| XII. Others (Pl. Specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GRAND TOTAL | **38** | **208** | **194** | **402** | **35** | **17** | **51** | **343** | **208** | **551** | **586** | **424** | **846** |

**E) RURAL YOUTH (Off Campus)**

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | | **ST** | | |
| **M** | **F** | **T** | **M** | **F** | | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| 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 |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermiculture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mushroom Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Beekeeping |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| 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 |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others (Marketing management) | 01 | 02 | 0 | 02 | 0 | | 0 | 0 | 15 | 03 | 18 | 17 | 03 | 20 |
| **Total** | **01** | **02** | **0** | **02** | **0** | | **0** | **0** | **15** | **03** | **18** | **17** | **03** | **20** |

**F) Extension Personnel (Off Campus)**

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | | **ST** | | |
| **M** | **F** | **T** | **M** | **F** | | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| 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 |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Use of Low cost Audio-Visual Aids |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Training management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Farm Journalism and Process Documentation |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |

**G) Consolidated table (ON and OFF Campus)**

**i. Farmers & Farm Women**

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | **ST** | | |
|  | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| **I. Crop Production** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Weed Management | 3 | 13 | 12 | 25 |  |  |  | 42 | 23 | 65 | 55 | 35 | 90 |
| Resource Conservation Technologies | 1 |  | 1 | 1 |  |  |  | 23 | 1 | 24 | 23 | 2 | 25 |
| Cropping Systems | 1 | 17 | 7 | 24 |  |  |  |  | 1 | 1 | 17 | 8 | 25 |
| Crop Diversification |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation/irrigation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Crop Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soil & water conservation | 1 | 1 |  | 1 |  |  |  | 23 | 1 | 24 | 24 | 1 | 25 |
| Integrated nutrient Management | 3 | 17 | 13 | 30 |  |  |  | 40 | 6 | 46 | 57 | 19 | 76 |
| Production of organic inputs | 2 | 24 | 6 | 30 |  |  |  |  |  |  | 24 | 6 | 30 |
| Others | 1 | 2 | 7 | 9 |  |  |  | 15 | 6 | 21 | 17 | 21 | 36 |
| Total | **12** | **74** | **46** | **120** | **0** | **0** | **0** | **143** | **38** | **181** | **217** | **92** | **307** |
| **II. Horticulture** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| a) Vegetable Crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of low volume and high value crops | 1 | 16 | - | 16 | - | - | - | 9 | - | 9 | 25 | - | 25 |
| Off season vegetables | 1 | 5 | 3 | 8 | - | - | - | 10 | 7 | 17 | 15 | 10 | 25 |
| Nursery raising |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exotic vegetables |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Export potential vegetables | 1 | 2 | - | 2 | - | 1 | - | 12 | - | 12 | 14 | 1 | 15 |
| Grading and standardization |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others(INM in potato) | 1 |  |  |  | 25 |  | 25 |  |  |  | 25 |  | 25 |
| Others | 1 | 2 | - | 2 | - | 1 | 1 | 12 | - | 12 | 14 | 1 | 15 |
| **Total (a)** | **5** | **25** | **3** | **28** | **25** | **2** | **26** | **43** | **7** | **50** | **93** | **12** | **105** |
| 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(INM in papaya) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total (b)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| c) Floriculture Plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Export potential of Floriculture plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Propagation techniques of Floriculture Plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others(Cultivation practices of marigold) | 2 | 18 | 11 | 29 | - | - |  | 12 | 9 | 21 | 30 | 20 | 50 |
| **Total (c)** | **2** | **18** | **11** | **29** | **-** | **-** |  | **12** | **9** | **21** | **30** | **20** | **50** |
| d) Plantation crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (d) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| e) Tuber crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (e) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| f) Spices |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (f) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| g) Medicinal and Aromatic Plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total (g) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total(a-g)** | **7** | **43** | **14** | **57** | **25** | **2** | **26** | **55** | **16** | **71** | **123** | **32** | **155** |
| **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 fertilizer |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soil & water testing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **IV. Livestock Production and Management** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Poultry Management | **1** | **0** | **3** | **3** | **0** | **4** | **4** | **0** | **23** | **23** | **0** | **30** | **30** |
| Piggery Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Animal Nutrition Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Feed & fodder technologies |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** | **1** | **0** | **3** | **3** | **0** | **4** | **4** | **0** | **23** | **23** | **0** | **30** | **30** |
| **V. Home Science/Women empowerment** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening | **1** | **0** | **23** | **23** | **0** | **1** | **1** | **0** | **6** | **6** | **0** | **30** | **30** |
| Design and development of low/minimum cost diet |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Designing and development for high nutrient efficiency diet |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Minimization of nutrient loss in processing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing & cooking |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Storage loss minimization techniques |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Value addition | **4** | **0** | **82** | **82** | **0** | **0** | **0** | **0** | **19** | **19** | **0** | **101** | **101** |
| Women empowerment |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies | **1** | **0** | **3** | **3** | **0** | **1** | **1** | **0** | **22** | **22** | **0** | **26** | **26** |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Women and child care |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Mushroom) | **1** | **0** | **20** | **20** | **0** | **7** | **7** | **0** | **4** | **4** | **0** | **31** | **31** |
| Other (Sericulture) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** | **7** | **0** | **128** | **128** | **0** | **9** | **9** | **0** | **51** | **51** | **0** | **188** | **188** |
| **VI. Agril. Engineering** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Farm machinery & its maintenance | 4 | 6 | 4 | 10 | 1 | 0 | 1 | 92 | 17 | 109 | 99 | 21 | 120 |
| Installation and maintenance of micro irrigation systems | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 32 | 32 | 0 | 32 |
| 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** | **5** | **6** | **4** | **10** | **1** | **0** | **1** | **124** | **17** | **141** | **131** | **21** | **152** |
| **VII. Plant Protection** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Disease Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bio0control of pests and diseases |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **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 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **IX. Production of Input 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **X. Capacity Building and Group Dynamics** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Leadership development |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Group dynamics |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs | 01 | 0 | 09 | 09 | 0 | 0 | 0 | 0 | 16 | 16 | 0 | 25 | 25 |
| Mobilization of social capital |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Farm Planning) | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | 25 | 15 | 10 | 25 |
| **Total** | **2** | **0** | **9** | **9** | **0** | **0** | **0** | **15** | **26** | **41** | **15** | **35** | **50** |
| **XI. Agro forestry** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **XII. Others (Pl. Specify)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **GRAND TOTAL** | **34** | **123** | **204** | **327** | **26** | **15** | **40** | **337** | **171** | **508** | **486** | **398** | **882** |

**ii. RURAL YOUTH (On and Off Campus)**

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | | **ST** | | |
| **M** | **F** | **T** | **M** | **F** | | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| Nursery Management of Horticulture crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Training and pruning of orchards |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Protected cultivation of vegetable crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Commercial fruit production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated farming | 2 | 16 | 14 | 39 |  | |  |  | 9 | 0 | 9 | 25 | 14 | 39 |
| Seed production | 1 | 20 | 1 | 21 |  | |  |  |  |  |  | 20 | 1 | 21 |
| Production of organic inputs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermiculture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mushroom Production | **4** | **7** | **31** | **38** | **8** | | **0** | **8** | **13** | **6** | **19** | **28** | **37** | **65** |
| Beekeeping |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements | 4 | 18 |  |  |  | |  |  | 51 |  |  |  |  | 69 |
| 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 |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others (Mushroom spawn production) |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others (Value added products from sabai) | **1** | **0** | **11** | **11** | **0** | | **0** | **0** | **0** | **5** | **5** | **0** | **16** | **16** |
| Others (Marketing management) | 02 | 02 | 24 | 26 | 0 | | 01 | 01 | 15 | 03 | 18 | 17 | 28 | 45 |
| FPOs and Cooperative management) | 01 | 0 | 05 | 05 | 0 | | 0 | 0 | 0 | 10 | 10 | 0 | 15 | 15 |
| **Total** | **15** | **63** | **86** | **140** | **8** | | **1** | **9** | **88** | **24** | **61** | **90** | **111** | **270** |

**iii. Extension Personnel (On and Off Campus)**

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | **ST** | | |
| **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| Productivity enhancement in field crops | 2 | 2 | 18 | 20 |  |  |  | 29 | `1 | 30 | 31 | 19 | 50 |
| Integrated Pest Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Protected cultivation technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Care and maintenance of farm machinery and implements | 2 | 24 | 1 | 25 | 1 |  | 1 | 17 | 2 | 19 | 42 | 3 | 45 |
| 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 | 01 | 12 | 0 | 12 | 0 | 0 | 0 | 12 | 0 | 12 | 24 | 0 | 24 |
| Information networking among farmers |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Capacity building for ICT application |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Management in farm animals |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mushroom cultivation | 1 | - | 6 | 6 | - | - | - | - | 19 | 19 | - | 25 | 25 |
| Small women friendly farm tools |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other- Training need assessment and formulation of training programme |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Process documentation and farm journalism |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Preparation and Use of low cost Audio- Visual aids |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other (Training management) | 01 | 08 | 02 | 10 | 01 | 0 | 01 | 02 | 04 | 06 | 11 | 06 | 17 |
| FPO management | 01 | 24 | 0 | 24 | 0 | 0 | 0 | 01 | 0 | 01 | 25 | 0 | 25 |
| Process Documentation and farm Journalism | 01 | 10 | 04 | 14 | 01 | 0 | 01 | 03 | 07 | 10 | 14 | 11 | 25 |
| Other (Mushroom production) | **1** | **0** | **17** | **17** | **0** | **0** | **0** | **0** | **17** | **17** | **0** | **25** | **25** |
| Value addition of fruits and vegetables | **1** | **14** | **3** | **17** | **0** | **0** | **0** | **8** | **0** | **8** | **22** | **3** | **25** |
| **Total** | **11** | **94** | **51** | **145** | **3** | **0** | **3** | **72** | **49** | **122** | **169** | **92** | **261** |

## Training programmes as Annexure in the proforma given below

| Discipline | Clientele | Title of the training programme | Duration in days | Venue (Off / On Campus) | Number of participants | | | Number of SC/ST | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Male | Female | Total | Male | Female | Total |
| Agronomy | F & FW | Soil Conservation Techniques | 1 | Off | 12 | 13 | 25 | 2 | 10 | 12 |
| Agronomy | F & FW | INM in maize+cowpea intercrop | 1 | Off | 23 | 2 | 25 |  |  |  |
| Agronomy | F & FW | Rice crop manager | 1 | Off | 12 | 13 | 25 | 12 | 13 | 25 |
| Agronomy | F & FW | Organic method of rice cultivation | 1 | Off | 21 | 5 | 26 | 20 | 4 | 24 |
| Agronomy | F & FW | IWM in transplanted rice | 1 | Off | 21 | 4 | 25 |  |  |  |
| Agronomy | F & FW | Soil conservation techniques | 1 | Off | 23 | 2 | 25 | 20 | 0 | 20 |
| Agronomy | F & FW | Water harvesting strucures | 1 | Off | 23 | 5 | 28 | 23 | 5 | 28 |
| Agronomy | F & FW | Judicious use of herbicide in green gram | 1 | Off | 19 | 8 | 27 | 8 | 9 | 17 |
| Horticulture | F & FW | Newly released varieties of Solanaceous vegetables | 01 | Off | 25 | 7 | 32 | 2 | 2 | 4 |
| Horticulture | F & FW | Integrated NutrientManagement in Banana | 01 | Off | 28 | 2 | 30 | 1 | - | 1 |
| Horticulture | F & FW | Off-season vegetable cultivation | 01 | Off | 14 | 12 | 26 | 12 | 10 | 22 |
| Horticulture | F & FW | Pre &Post-harvest management of Mango | 01 | Off | - | 31 | 31 | - | 1 | 1 |
| Horticulture | F & FW | Integrated Nutrient management in potato crops | 1 | Off | 25 | - | 25 | 25 | - | 25 |
| Horticulture | F & FW | Newly released varieties of Solanaceous Vegetables | 1 | Off | 25 | - | 25 | 9 | - | 9 |
| Horticulture | F & FW | Cultivation practices of Marigold | 1 | Off | 7 | 18 | 25 | 5 | 7 | 12 |
| Horticulture | F & FW | Cultivation practices of Marigold | 1 | Off | 23 | 2 | 25 | 7 | 2 | 9 |
| Horticulture | F & FW | Off-season vegetable cultivation | 1 | Off | 15 | 10 | 25 | 10 | 7 | 17 |
| Agril-Engg | F&FW | use and operation of manual vegetable transplanter | 1 | Off campus | 20 | 5 | 25 | 9 | 4 | 13 |
| Agril-Engg | F&FW | use of tractor operated seed cum fertilizer drill for line sowing of pulse crop | 1 | Off campus | 10 | 15 | 25 | 10 | 14 | 24 |
| Agril-Engg | F&FW | Use of power operated ragi thresher cum pearler | 1 | Off campus | 15 | 16 | 31 | 15 | 16 | 31 |
| Agril-Engg | F&FW | Use of differenr primary and secondary tillage implements | 1 | Off campus | 24 | 1 | 25 | 24 | 1 | 25 |
| Agril-Engg | F&FW | machineries for rice cultivation | 1 | Off campus | 28 | 7 | 35 | 0 | 0 | 0 |
| Agril-Engg | F&FW | Use of various primary and secondary tillage implements | 1 | Off campus | 28 | 2 | 30 | 11 | 1 | 12 |
| Agril-Engg | F&FW | Training on DSR by use of tractor drawn seed cum fertilizer drill | 1 | Off campus | 25 | 10 | 35 | 6 | 4 | 10 |
| Agril-Engg | F&FW | Use of mechanical rice transplanter | 1 | Off campus | 20 | 15 | 35 | 20 | 15 | 35 |
| Agril-Engg | F&FW | Use of power weeder in paddy | 1 | Off campus | 36 | 0 | 36 | 19 | 0 | 19 |
| Agril-Engg | F&FW | use and operation of weeders for intercultural operation in line sown millet | 1 | Off campus | 11 | 23 | 34 | 11 | 23 | 34 |
| Agril-Engg | F&FW | Use of manual vegetable transplanter operation | 1 | Off campus | 28 | 4 | 32 | 28 | 4 | 32 |
| Ag. Extension | F & FW | Book keeping and Account management of SHGs | 1 | Off | 0 | 23 | 25 | 0 | 02 | 02 |
| Ag. Extension | F & FW | Formation and Management of Farmers’ Club | 1 | Off | 10 | 15 | 25 | 10 | 15 | 25 |
| Home sc. | FW | Value addition of tomato by preparing dried tomato andtomato sauce | 2 days | ON | 0 | 25 | 25 | 0 | 9 | 25 |
| Home sc. | FW | Value addition of Oyster mushroom by preparing dried oyster mushroom and pickle | 2 days | ON | 0 | 20 | 20 | 0 | 10 | 20 |
| Home sc. | FW | Value addition of jackfruit by preparing jackfruit wafer | One | OFF | 0 | 30 | 30 | 0 | 0 | 30 |
| Home sc. | FW | Use of Mahua stamen remover | One | OFF | 0 | 26 | 26 | 0 | 23 | 26 |
| Home sc. | FW | Humidity management in Paddy straw mushroom cultivation for more production | One | OFF | 0 | 31 | 31 |  | 11 | 31 |
| Home sc. | FW | Management of poultry at backyard | One | OFF | 0 | 30 | 30 | 0 | 27 | 30 |
| Home sc. | FW | Development of nutritional garden for nutritional security of family members | One | OFF | 0 | 30 | 30 | 0 | 7 | 30 |
| Home sc. | FW | Management practices for rearing of Quail for income generation | One | OFF | 0 | 27 | 27 | 0 | 26 | 27 |
| Home sc. | FW | Proper techniques for rearing of Honey bee | One | OFF | 0 | 25 | 25 | 0 | 21 | 25 |
| Home sc. | FW | Value addition of ragi for nutritional security | One | OFF | 0 | 27 | 27 | 0 | 1 | 27 |
| Home science | FW | Development of nutritional garden for nutritional security of family members | 1 | Off | - | 30 | 30 | - | 30 | 30 |
| Home science | F & FW | Proper care and maintenance of grainage room | 1 | Off | 8 | 19 | 27 | 8 | 19 | 27 |
| Agriculture Extension | Farmers and Farm Women | Formation and management of SHGs | 02 | Off | 0 | 25 | 25 | 0 | 16 | 16 |
| Agriculture Extension | Farmers and Farm Women | Annual Farm Planning and record Keeping for cropping system | 02 | Off | 15 | 10 | 25 | 15 | 10 | 25 |
| Agronomy | RY | Various Compost preparation | 3 | On | 13 | 7 | 20 | 4 | 1 | 5 |
| Agronomy | RY | INM in cereals | 3 | On | 12 | 7 | 19 | 5 | 2 | 7 |
| Agronomy | RY | IWM in pulses | 3 | On | 13 | 12 | 15 | 3 | 2 | 5 |
| Horticulture | RY | Commercialization of High-value vegetables | 3 | On | 14 | 1 | 15 | 12 | 1 | 13 |
| Home sc. | RY | Oyster mushroom cultivation technique | 3 | ON | 14 | 16 | 30 | 7 | 5 | 30 |
| Home sc. | RY | Techniques and preparation of value added products from Sabai | 3 | ON | 0 | 16 | 16 | 0 | 5 | 16 |
| Home sc. | RY | Paddy straw mushroom cultivation technique | 3 | ON | 14 | 21 | 35 | 9 | 1 | 35 |
| Home science | RY | Mushroom spawn production techniques | 5 | On | 6 | 9 | 15 | 2 | 1 | 3 |
| Agriculture Extension | Rural Youth | Processing, Sorting, Grading, Packaging, Labeling and Branding for effective marketing | 02 | On | 0 | 25 | 25 | 0 | 01 | 01 |
| Agriculture Extension | Rural Youth | Management of FPOs and Cooperative marketing | 02 | On | 0 | 15 | 15 | 0 | 10 | 10 |
| Agriculture Extension | Rural Youth | Opportunity Scanning and Venture planning through FPOs | 02 | Off | 25 | 0 | 25 | 01 | 0 | 01 |
| Agriculture Extension | Rural Youth | Marketing management through value addition of under utilized fruits and forest produces | 02 | Off | 17 | 03 | 20 | 15 | 03 | 18 |
| Agronomy | IS | Sustainable Agriculture | 2 | On | 22 | 3 | 25 | 0 | 1 | 1 |
| Agronomy | IS | Sustainable Agriculture | 2 | On | 20 | 5 | 25 | 3 | 2 | 5 |
| Agronomy | IS | Organic farming and its accreditation | 2 | On | 20 | 5 | 25 |  |  |  |
| Agriculture Extension | IS | Training need assessment and formulation of training programme | 02 | On | 11 | 06 | 17 | 03 | 04 | 07 |
| Agriculture Extension | IS | Process Documentation and farm Journalism | 02 | On | 14 | 11 | 25 | 04 | 07 | 11 |
| Agriculture Extension | IS | Empowerment of Krushaksathis for extension programme | 02 | On | 24 | 0 | 24 | 12 | 0 | 12 |
| Home sc. | IS | Importance of Mushroom production: its nutritive value and health benefits | Two | ON | 0 | 25 | 25 | 0 | 17 | 25 |
| Home sc. | IS | Post harvest storage of fruits and vegetable through value addition | Two | ON | 22 | 3 | 25 | 8 | 0 | 25 |
| Home science | IS | Different agricultural and allied small women friendly farm tools for drudgery reduction of farm women | 2 | On | 24 | 10 | 34 | 6 | 5 | 11 |
| Home science | IS | Mushroom cultivation techniques and post harvest handling for nutritional security of the farm families | 2 | On | - | 25 | 25 | - | 19 | 19 |

## Please furnish the details of training programmes as Annexure in the proforma given below

## H) Vocational training programmes for Rural Youth

## a) Details of training programmes for Rural Youth

| Crop / Enterprise | Identified Thrust Area | Training title\* | Duration (days) | No. of Participants | | | Self employed after training | | | Number of persons employed else where |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Male | Female | Total | Type of units | Number  of units | Number of persons employed |
| Mushroom | Income generation | Oyster mushroom cultivation technique | 3 days | 14 | 16 | 30 | Mushroom production | 2 | 4 | 3 |
| Sabai | Income generation | Techniques and preparation of value added products from Sabai | Five days | 0 | 16 | 16 | Sabai processing unit | 1 | 8 | 2 |
| Mushroom | Income generation | Paddy straw mushroom cultivation technique | 3 days | 14 | 21 | 35 | Mushroom production | 2 | 4 | 1 |
| Oyster mushroom | Income generation | Oyster mushroom cultivation techniques | 3 | 13 | 21 | 34 | Mushroom production unit | 3 | 9 | 3 |

\*training title should specify the major technology /skill transferred

b) Details of participation

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | **ST** | | |
| **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| **Crop production and management** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Commercial floriculture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Commercial fruit production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Commercial vegetable production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated crop management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Organic farming | 1 |  |  |  |  |  |  | 9 | 14 | 23 | 9 | 14 | 23 |
| Other |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Post harvest technology and value addition** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Livestock and fisheries** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dairy farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sheep and goat rearing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Poultry farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Income generation activities** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vermicomposting |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of bioagents, biopesticides, |  |  |  |  |  |  |  |  |  |  |  |  |  |
| biofertilizers etc. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery & implements |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mushroom cultivation | **4** | **7** | **31** | **38** | **8** | **0** | **8** | **13** | **6** | **19** | **28** | **37** | **65** |
| Nursery, grafting etc. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tailoring, stitching, embroidery, dying etc. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Agril. Para-workers, para-vet training |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts(Value added products from Sabai) | **1** | **0** | **11** | **11** | **0** | **0** | **0** | **0** | **5** | **5** | **0** | **16** | **16** |
| **Total** | **6** | **7** | **42** | **49** | **8** | **0** | **8** | **22** | **25** | **47** | **37** | **67** | **104** |
| **Agricultural Extension** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Capacity building and group dynamics |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mushroom Spawn production | 1 | 4 | 8 | 12 | 0 | 0 | 0 | 2 | 1 | 3 | 6 | 9 | 15 |
| Sabai Value addition | 1 |  | 7 | 7 |  | 1 | 1 |  | 10 | 10 |  | 18 | 18 |
| **Total** | 2 | 4 | 15 | 19 | 0 | 1 | 1 | 2 | 11 | 13 | 6 | 27 | 33 |
| **Grand Total** | **8** | **11** | **57** | **68** | **8** | **1** | **9** | **24** | **36** | **60** | **43** | **94** | **137** |

**I) Sponsored Training Programmes**

a) Details of Sponsored Training Programme

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.No | Title | Thematic area | Month | Duration (days) | Client | No. of courses | No. of participants | Sponsoring Agency |
|  |  | PF/RY/EF |
|  |  |  |
| 01 | Nursery raising of vegetables | QPM | June | 04 | EF | 14 | 20 | OMBADC |
| 02 | Commercial Mushroom Production | Mushroom | June | 04 | EF | 14 | 20 | OMBADC |
| 03 | Biofloc fish fingerling production | Biofloc | July | 05 | RY | 18 | 20 | OMBADC |
| 04 | Poultry farming meat production | Poultry | July | 05 | RY | 18 | 20 | OMBADC |
| 05 | Scientific Millet Cultivation | Millet | August | 04 | EF | 14 | 20 | OMBADC |
| 06 | Mushroom spawn production | Mushroom | August | 04 | EF | 14 | 20 | OMBADC |
| 07 | Fish Feed Production | Fish Feed | August | 04 | EF | 14 | 20 | OMBADC |
| 08 | Mushroom Production | Mushroom | September | 05 | RY | 18 | 20 | OMBADC |
| 09 | Scientific Bee Keeping | Apiary | September | 05 | RY | 18 | 20 | OMBADC |
| 10 | Scientific Bee Keeping | Apiary | October | 04 | EF | 14 | 20 | OMBADC |
| 11 | Biofloc fish fingerling production | Biofloc | October | 05 | RY | 18 | 20 | OMBADC |
| 12 | Pig farming | Piggery | November | 05 | RY | 18 | 20 | OMBADC |
| 13 | Quality seed Production | Seed Production | November | 04 | EF | 14 | 20 | OMBADC |
| 14 | Scientific Millet Cultivation | Millet | November | 04 | EF | 14 | 20 | OMBADC |
| 15 | Nursery raising of vegetables | QPM | December | 05 | RY | 18 | 20 | OMBADC |
| 16 | Oyster mushroom production for sustainable Entrepreneurship | Mushroom | December | 05 | RY | 18 | 20 | OMBADC |
| 17 | Poultry farming meat production | Poultry | January | 05 | RY | 18 | 20 | OMBADC |
| 18 | Mushroom spawn production | Mushroom | February | 05 | RY | 18 | 20 | OMBADC |
| 19 | Entrepreneurship Skill Development through value addition of sabai | Sabai | March | 05 | RY | 18 | 20 | OMBADC |

b) Details of participation

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | **Grand Total** | | | |
| **Other** | | | **SC** | | | **ST** | | |
|  | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | | **T** |
| **Crop production and management** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Increasing production and productivity of crops |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Commercial production of vegetables | 02 | 12 | 9 | 21 | 0 | 4 | 4 | 6 | 9 | 15 | 18 | | 22 | 40 |
| Production and value addition |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Fruit Plants |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Ornamental plants |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Spices crops |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Soil health and fertility management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Production of Inputs at site |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Methods of protective cultivation |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Total | **02** | **12** | **9** | **21** | **0** | **4** | **4** | **6** | **9** | **15** | **18** | | **22** | **40** |
| **Post harvest technology and value addition** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Processing and value addition | 02 | 8 | 9 | 17 | 5 | 8 | 13 | 10 | 10 | 20 | 23 | | 17 | 40 |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Total | **02** | **8** | **9** | **17** | **5** | **8** | **13** | **10** | **10** | **20** | **23** | | **17** | **40** |
| **Farm machinery** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Farm machinery, tools and implements |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Livestock and fisheries** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Livestock production and management | 03 | 13 | 7 | 20 | 8 | 7 | 15 | 15 | 10 | 25 | 36 | | 24 | 60 |
| Animal Nutrition Management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Animal Disease Management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Fisheries Nutrition | 1 | 4 | 3 | 7 | 1 | 2 | 3 | 4 | 6 | 10 | 9 | | 11 | 20 |
| Fisheries Management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other | 02 | 8 | 9 | 17 | 5 | 8 | 13 | 10 | 10 | 20 | 23 | | 17 | 40 |
| Total | **6** | **25** | **19** | **44** | **14** | **17** | **31** | **29** | **26** | **55** | **68** | | **52** | **120** |
| **Home Science** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Household nutritional security |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Economic empowerment of women |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Drudgery reduction of women |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other | 5 | 23 | 34 | 57 | 8 | 12 | 20 | 13 | 10 | 23 | 44 | | 56 | 100 |
| Total | **5** | **23** | **34** | **57** | **8** | **12** | **20** | **13** | **10** | **23** | **44** | | **56** | **100** |
| **Agricultural Extension** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Capacity Building and Group Dynamics |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other | 4 | 18 | 5 | 23 | 14 | 7 | 21 | 18 | 18 | 36 | 50 | | 30 | 80 |
| **Total** | **4** | **18** | **5** | **23** | **14** | **7** | **21** | **18** | **18** | **36** | **50** | | **30** | **80** |
| **Grant Total** | **19** | **86** | **76** | **162** | **41** | **48** | **89** | **76** | **73** | **149** | **203** | | **177** | **380** |

**3.4. A. Extension Activities (including activities of FLD programmes)**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Nature of Extension Activity** | **No. of activities** | **Farmers** | | | | **Extension Officials** | | | **Total** | | |
| **M** | **F** | **T** | **SC/ ST (% of total)** | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** |
| Field Day | 6 | 40 | 142 | 182 | 70 | 3 | 0 | 3 | 43 | 142 | 185 |
| Kisan Mela | 6 | 681 | 199 | 880 | 70 | 10 | 5 | 0 | 691 | 204 | 905 |
| Kisan Ghosthi | 5 | 100 | 350 | 450 | 70 | 30 | 50 | 80 | 130 | 400 | 530 |
| Exhibition | 3 | 372 | 135 | 507 | 70 | 30 | 5 | 35 | 402 | 140 | 542 |
| Film Show | 45 | 402 | 285 | 687 | 70 | 55 | 24 | 79 | 457 | 309 | 766 |
| Method Demonstrations | 15 | 180 | 190 | 370 | 70 |  |  | 0 | 180 | 190 | 370 |
| Farmers Seminar | 5 | 205 | 255 | 460 | 70 | 10 | 10 | 20 | 215 | 265 | 480 |
| Workshop | 3 | 63 | 42 | 105 | 70 | 8 | 7 | 15 | 71 | 49 | 120 |
| Group meetings | 27 | 25 | 299 | 324 | 70 | 10 | 15 | 25 | 35 | 314 | 349 |
| Lectures delivered as resource persons | 37 | 715 | 295 | 1010 | 70 | 198 | 82 | 280 | 913 | 377 | 1290 |
| Advisory Services | 204 | 0 | 0 | 51344 | 70 |  |  | 211 |  | 0 | 51555 |
| Scientific visit to farmers field | 78 | 975 | 352 | 1327 | 70 | 54 | 25 | 79 | 1029 | 377 | 1406 |
| Farmers visit to KVK | 619 | 319 | 300 | 619 | 70 |  |  | 0 | 319 | 300 | 619 |
| Diagnostic visits | 62 | 282 | 58 | 340 | 70 | 20 | 5 | 25 | 302 | 63 | 365 |
| Exposure visits | 42 | 562 | 310 | 872 | 70 | 14 | 08 | 22 | 576 | 318 | 894 |
| Ex-trainees Sammelan |  |  |  | 0 |  |  |  | 0 | 0 | 0 | 0 |
| Soil health Camp | 2 | 85 | 36 | 121 | 70 | 5 | 5 | 10 | 90 | 41 | 131 |
| Animal Health Camp | 1 | 24 | 34 | 58 | 70 | 4 | 2 | 6 | 28 | 36 | 64 |
| Agri mobile clinic |  |  |  | 0 |  |  |  | 0 | 0 | 0 | 0 |
| Soil test campaigns | 1 | 39 | 3 | 42 | 70 |  | 1 | 1 | 39 | 4 | 43 |
| Farm Science Club Conveners meet |  |  |  | 0 |  |  |  | 0 | 0 | 0 | 0 |
| Self Help Group Conveners meetings | 5 |  | 224 | 224 | 70 | 12 | 6 | 18 | 12 | 230 | 242 |
| Mahila Mandals Conveners meetings | 0 | 0 | 0 | 0 |  |  |  | 0 | 0 | 0 | 0 |
| Celebration of important days (specify) | 15 | 1548 | 1231 | 2779 | 70 | 15 | 25 | 40 | 1563 | 1256 | 2818 |
| Poshan Abhiyan and Brukshyaropan | 2 |  | 204 | 204 | 70 | 3 | 3 | 6 | 3 | 207 | 210 |
| Mahila kissan Diwas | 1 |  | 58 | 58 | 70 | 3 | 1 | 4 | 3 | 59 | 62 |
| PM Kisan Samman Sammelan | 6 | 364 | 147 | 511 | 70 | 25 | 12 | 27 | 389 | 159 | 548 |
| Vigilance Awareness week | 1 | 4 | 24 | 28 | 70 | 2 | 6 | 8 | 6 | 30 | 36 |
| Swachhatahinsewa | 6 | 170 | 150 | 320 | 70 | 9 | 8 | 17 | 179 | 158 | 337 |
| Jal Shakti Aviyan | 1 | 10 | 50 | 60 | 70 |  |  | 0 | 10 | 50 | 60 |
| World water day | 1 | 0 | 58 | 58 | 70 | 2 | 6 | 8 | 2 | 64 | 66 |
| World Food day | 1 | 0 | 56 | 56 | 70 | 1 | 2 | 3 | 1 | 58 | 59 |
| Krishi Sanyatra Mela | 1 | 198 | 102 | 300 | 70 | 30 | 10 | 40 | 228 | 112 | 340 |
| Millet Recipe contest | 1 | 0 | 25 | 25 | 70 | 3 | 3 | 6 | 3 | 28 | 31 |
| Vanmahotsav | 6 | 54 | 78 | 132 | 70 | 6 | 3 | 9 | 60 | 81 | 141 |
| **Total** | **1156** | **6670** | **5346** | **64453** | **1890** | **500** | **277** | **1077** | **7979** | **6021** | **65564** |

**B. Other Extension activities**

| Nature of Extension Activity | No. of activities |
| --- | --- |
|
| Newspaper coverage | 68 |
| Radio talks | 2 |
| TV talks | 48 |
| Popular articles | 6 |
| Extension Literature | 24 |
| Other, if any | - |

**3.5 a. Production and supply of Technological products**

***Village seed***

| Crop | Variety | Quantity of seed  (q) | Value  (Rs) | No. of farmers involved in village seed production | Number of farmers  to whom seed provided | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | SC | | ST | | Other | | Total | |
|  |  |  |  |  | M | F | M | F | M | F | M | F |
| - | - | - | - | - | - | - | - | - | - | - | - | - |

# *KVK farm*

| Crop | Variety | Quantity of seed  (q) | Value  (Rs) | Number of farmers  to whom seed provided | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | SC | | ST | | Other | | Total | |
|  |  |  |  | M | F | M | F | M | F | M | F |
| Paddy | Kalachampa | 700.2 | 2494112 | 22 | - | 06 | - | 37 | 06 | 65 | 06 |
| **Grand Total** |  | **700.2** | **2494112** | **22** | **-** | **06** | **-** | **37** | **06** | **65** | **06** |

# Production of planting materials by the KVKs

| Crop | Variety | No. of planting materials | Value  (Rs) | Number of farmers  to whom planting material provided | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | SC | | ST | | Other | | Total | |
|  |  |  |  | M | F | M | F | M | F | M | F |
| Vegetable seedlings | Hybrid | 384056 | 411060 | - | 225 | - | 45 | 1125 |  | 1125 | 270 |
| Papaya& Drumstick | Hybrid | 9197 | 177440 | 55 | - | 23 | - | 233 | 55 | 311 | 55 |
| Marigold | BM1, BM2 | 2830 | 5660 | - | - | - | - | 14 | - | 14 | - |
| **Total** |  | **396083** | **594160** | **55** | **225** | **23** | **45** | **1372** | **55** | **1450** | **325** |

**Production of Bio-Products**

| Name of product | Quantity Kg | Value (Rs.) | No. of Farmers benefitted | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | SC | | ST | | Other | | Total | |
|  |  |  | M | F | M | F | M | F | M | F |
| Bio-fertilizers |  |  |  |  |  |  |  |  |  |  |
| Bio-pesticide |  |  |  |  |  |  |  |  |  |  |
| Bio-fungicide |  |  |  |  |  |  |  |  |  |  |
| Bio-agents |  |  |  |  |  |  |  |  |  |  |
| Others(Vermicompost) | 360 | 7200 |  |  |  |  |  |  | 41 | 12 |
| Others(Azolla) | 95 | 2750 |  |  |  |  |  |  | 82 | 25 |
| **Total** | 455 | 9950 |  |  |  |  |  |  | 123 | 37 |

# Production of livestock materials

| Particulars of Live stock | Name of the breed | Number | Value (Rs.) | No. of Farmers benefited | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | SC | | ST | | Other | | Total | |
|  |  |  |  | M | F | M | F | M | F | M | F |
| Dairy animals |  |  |  |  |  |  |  |  |  |  |  |
| Cows |  |  |  |  |  |  |  |  |  |  |  |
| Buffaloes |  |  |  |  |  |  |  |  |  |  |  |
| Calves |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |
| Small ruminants |  |  |  |  |  |  |  |  |  |  |  |
| Sheep |  |  |  |  |  |  |  |  |  |  |  |
| Goat |  |  |  |  |  |  |  |  |  |  |  |
| Other, please specify |  |  |  |  |  |  |  |  |  |  |  |
| Poultry |  |  |  |  |  |  |  |  |  |  |  |
| Broilers |  |  |  |  |  |  |  |  |  |  |  |
| Layers |  |  |  |  |  |  |  |  |  |  |  |
| Duals (broiler and layer) | Rainbow Rooster | 5451 | 408825 |  | 318 |  | 26 | 51 | 10 |  | 405 |
| Japanese Quail |  |  |  |  |  |  |  |  |  |  |  |
| Turkey |  |  |  |  |  |  |  |  |  |  |  |
| Emu |  |  |  |  |  |  |  |  |  |  |  |
| Ducks |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  |  |  |  |  |  |  |
| Piglet |  |  |  |  |  |  |  |  |  |  |  |
| Hog |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |
| Fisheries |  |  |  |  |  |  |  |  |  |  |  |
| Indian carp |  |  |  |  |  |  |  |  |  |  |  |
| Exotic carp |  |  |  |  |  |  |  |  |  |  |  |
| Mixed carp |  |  |  |  |  |  |  |  |  |  |  |
| Fish fingerlings |  |  |  |  |  |  |  |  |  |  |  |
| Spawn |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |
| **Grand Total** |  | 4202 | 315150 |  |  | 120 | 255 |  |  | 120 | 255 |

**3.5. b. Seed Hub Programme - *“Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India”***

i) Name of Seed Hub Centre:

| Name of Nodal Officer : | Senior Scientist and Head, KVKMBJ-1 |
| --- | --- |
| Address : | Krishi Vigyan Kendra MBJ-1, Shymakhunta, Mayurbhanj-757049 |
| e-mail : | [kvkmayurbhanj1.ouat@gmail.com](mailto:kvkmayurbhanj1.ouat@gmail.com), [kvk.mayurbhanj1@ouat.ac.in](mailto:kvk.mayurbhanj1@ouat.ac.in) |
| Phone No. :  Mobile : | 9437147938 |

ii) Quality Seed Production Reports

| Season | Crop | Variety | Production (q) | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Target | Area sown (ha) | Production | Category of Seed  (F/S, C/S) |
| Kharif 2024 | Paddy | Kalachampa | 560 | 14 | 702 | F/S |
| Summer/Spring 2023 | Green gram | Shikha | 100 | 50 | 59.6 | C/S11 |

iii) Financial Progress

| Fund received  (2020-21, 2021-22, 2022-23 and 2023-24) | Expenditure (Rs. in lakhs) | | Unspent balance  (Rs. in lakhs) | Remarks |
| --- | --- | --- | --- | --- |
| Infrastructure | Revolving fund |
| 2019-20 | - | 134069 | 3108388 |  |
| 2020-21 | - | 611755 | 2723015 |  |
| 2021-22 | - | 287777 | 2735586 |  |
| 2022-23 | - | 292498 | 2588151 |  |
| 2023-24 | - | 75049 | 2676944 |  |

iv) Infrastructure Development

| Item | Progress |
| --- | --- |
| Seed processing unit | ***Established and working*** |
| Seed storage structure |

3.6. (A) Literature Developed/ Published (with full title, author & reference)

| Item | Title | Author’s name | Number | Circulation |
| --- | --- | --- | --- | --- |
| Research paper | - | - | - | - |
| Seminar/conference/ symposia papers | Intervention of Nutritional garden and assessment of its impact on the dietary pattern and disease occurrence of Lodha women at Mayurbhanj district of Odisha | Jhunilata Bhuyan  Dr. Sasmita Behera | 150 | Mass it is available in online |
| Abstract | Intervention of the Nutritional garden and assessment of its impact on the dietary pattern and disease occurrence of Lodha women | Jhunilata Bhuyan  Dr. Sasmita Behera | 200 | 200 |
| Books | - | - | - | - |
| Bulletins | - | - | - | - |
| News letter | Bhanjabhumi Krushak Katha | KVK | 500 | 500 |
| Popular Articles | - | - | - | - |
| Book Chapter | - | - | - | - |
| Extension Pamphlets/ literature | - | - | - | - |
| Technical reports | - | - | - | - |
| Electronic Publication (CD/DVD etc.) | - | - | - | - |
| TOTAL | - | - | 350 | 200 |

N.B.: Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(B) Details of HRD programmes undergone by KVK personnel:

| Sl. No. | Name of programme | Name of course | Name of KVK personnel and designation | Date and Duration | Organized by |
| --- | --- | --- | --- | --- | --- |
| 1. | Trainer’s training prog. on “Promotion of agri-entrepreneurship among rural women” | Agri-entrepreneurship | Dr. Jhunilata Bhuyan | 27th and 28th March 2024 | DEE, OUAT and College of Community Sc. |
| 2. | International conference on “ Building small holder climate resilience for achieving sustainable food system” | climate resilience for achieving sustainable food system | Dr. Jhunilata Bhuyan | 17-19 Sept 2024 | OUAT |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

3.7. Success stories/Case studies, if any (two or three pages write-up on 1-2 best case(s) with suitable action photographs)

| Name of farmer | Usha Rani Naik |
| --- | --- |
| Address | W/o- Kisun Hembram, Village: Guhaldihi , Block: Betnoti, District: Mayurbhanj |
| Contact details (Phone, mobile, email Id) | 8895068125 |
| Landholding (in ha.) | - |
| Name and description of the farm/ enterprise | Sabai Handicraft |
| Economic impact | Earning profit of Rs. 35 lakh annually with turnover of around 60 lakhs |
| Social impact | She has now become a source of inspiration among the tribal community and working as a resource person for the promotion of value added products from Sabai grass. Initially, the business was started by her by taking 15 members |
| Environmental impact | Promotion for the cultivation of Sabaigrass |
| Horizontal/ Vertical spread | She formed Guhaldihi Sabai Producers Group having 150 women member. |
| D:\KVK Mayurbhanj-I Data\Award Report\OUAT Award 2021\Photo\Usharani Nayak-Sabai Product\IMG20210809151458.jpg | D:\KVK Mayurbhanj-I Data\Award Report\OUAT Award 2021\Photo\Usharani Nayak-Sabai Product\IMG20210809151536.jpg |

3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

| Sl. No. | Name/ Title of the technology | Name/ Details of the Innovator(s) | Brief details of the Innovative Technology |
| --- | --- | --- | --- |
|  |  |  |  |

3.9. a. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Crop / Enterprise | ITK Practiced | Purpose of ITK |
|  |  |  |  |

b. Give details of organic farming practiced by the farmer

| Sl. No. | Crop / Enterprise | Area (ha)/ No. covered | Production | No. of farmers involved | Market available(Y/N) |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |

3.10. Indicate the specific training need analysis tools/methodology followed by KVKs

| Sl. No. | Brief details of the tool/ methodology followed | Purpose for which the tool was followed |
| --- | --- | --- |
| 1 | AV-Aids | Practical knowledge. |
| 2 | Method demonstration | Skill up gradation |
| 3 | Literatures | Knowledge up gradation |
| 4 | Pre & Post Training Evaluation | Adoption rate |

3.11. a. Details of equipment available in Soil and Water Testing Laboratory

|  |  |  |
| --- | --- | --- |
| Sl. No | Name of the Equipment | Qty. |
| 1 | Flame Photometer | 01 |
| 2 | Soil Moisture Meter | 01 |
| 3 | Automatic Nitrogen Analyzer | 01 |
| 4 | Electronic Precision Balance | 02 |
| 5 | Double beam U.V Spectrophotometer | 01 |
| 6 | Refrigerated Centrifuge | 01 |
| 7 | Physical Balance | 01 |
| 8 | Distilled water unit | 01 |
| 9 | PH meter | 01 |
| 10 | EC meter/Conductivity meter | 01 |
| 11 | Horizontal Rotary Shaker | 01 |
| 12 | Mechanical Stirrer | 01 |
| 13 | Bouycous hydrometer | 01 |
| 14 | Hot air Oven –Digital | 01 |
| 15 | Thermometer | 01 |
| 16 | Geological Hammer | 01 |
| 17 | Seive | 01 |
| 18 | Keen cup | 01 |
| 19 | Magnetic Stirrer with hot plate | 01 |
| 20 | Water Quality Analyser | 01 |
| 21 | Vortex | 01 |

3.11.b. Details of samples analyzed so far :

| Number of soil samples analyzed | | | No. of Farmers | No. of Villages | Amount realized  (in Rs.) |
| --- | --- | --- | --- | --- | --- |
| Through mini soil testing kit/labs | Through soil testing laboratory | Total |
| - | 320 | 320 | 960 | 24 | 1600 |

3.11.c. Details on World Soil Day

| Sl.  No. | Activity | No. of Participants | No. of VIPs | Name (s) of VIP(s) | Number of Soil Health Cards distributed | No. of farmers benefitted |
| --- | --- | --- | --- | --- | --- | --- |
| 01 | Celebration of World Soil Day | 130 | 5 | - | 50 | 150 |

3.12. Activities of rain water harvesting structure and micro irrigation system

| No of training programme | No of demonstrations | No of plant material produced | Visit by the farmers | Visit by the officials |
| --- | --- | --- | --- | --- |
| - | - | - | - | - |

3.13. Technology week celebration

| Type of activities | No. of activities | Number of participants | Related crop/livestock technology |
| --- | --- | --- | --- |
| SHG Sammelan | 1 | 58 | - |
| Animal health camp | 1 | 33 | Animal health camp |

3.14. RAWE/ FET programme - is KVK involved? (Y/N)

| No of student trained | No of days stayed |
| --- | --- |
| - | - |

| ARS trainees trained | No of days stayed |
| --- | --- |
| - | - |

3.15. List of VIP visitors (Minister/ MP/MLA/DM/VC/Zila Sabhadipati/Other Head of Organization/Foreigners)

| Date | Name of the person | Purpose of visit |
| --- | --- | --- |
| 27.03.2023 | Prof. Adwaita Kumar Patra, Professor, Dept. of Plant Pathology, OUAT, Bhubaneswar | KVK visit |

1. IMPACT
   1. Impact of KVK activities (Not to be restricted for reporting period).

| Name of specific technology/skill transferred | No. of participants | % of adoption | Change in income (Rs.) | |
| --- | --- | --- | --- | --- |
| Before (Rs./Unit) | After (Rs./Unit) |
| Package and practices of Papaya and Banana | 25 | 15 | 150000 | 269370 |
| Off season vegetable cultivation | 50 | 18 | 120000 | 220000 |
| Commercial cultivation of tuber crops | 25 | 22 | 60000 | 150000 |
| Hybrid vegetable cultivation | 25 | 15 | 70000 | 150000 |
| Commercial cultivation of flowers | 25 | 20 | 37000 | 64000 |
| Seed production in vegetable crops | 25 | 11 | 70000 | 98000 |
| Hi-tech horticulture and precision farming | 10 | 15 | 0 | 50000 |
| Propagation techniques of mango | 25 | 22 | 0 | 70000 |
| Grading, sorting and packaging of vegetables | 25 | 12 | 60000 | 68000 |
| Planting techniques of tissue cultured Banana | 25 | 18 | 230000 | 350000 |
| Package and practices of cucurbits | 25 | 16 | 60000 | 90000 |
| Plant protection techniques of Groundnut | 25 | 25 | 36000 | 55000 |
| Plant protection techniques of Green gram | 25 | 20 | 15500 | 26000 |
| Spraying techniques in paddy | 25 | 21 | 24000 | 27500 |
| Bio-pesticides for controlling pests and diseases in vegetable crops | 25 | 17 | 70000 | 145000 |
| Cultivation of paddy straw mushroom in entrepreneurial basis | 50 | 20 | 14200 | 31150 |
| Cultivation of oyster mushroom in entrepreneurial basis | 25 | 10 | 3360 | 7850 |
| Preparation of value added products from tomato | 25 | 11 | - | 19500 |
| Preparation of value added products from sabai grass | 25 | 16 | - | 28000 |
| Use and operation of seed drills/planters | 25 | 24 | 48600 | 67500 |
| Use and operation of rotavator for seed bed preparation | 25 | 20 | 12700 | 14210 |
| Mechanized transplanting and use of transplanter | 25 | 23 | 14950 | 20750 |
| Entrepreneurship development through farm mechanization | 10 | 14 |  |  |
| Use, operation and maintenance of drip and sprinkler irrigation system | 25 | 16 |  |  |
| Mushroom production in entrepreneurial basis | 30 | 12 | 450 | 800 |
| Vaccination procedure in goats for deworming | 25 | 13 | 3200 | 4500 |
| Preparation of value added products from mushroom | 25 | 14 | 450 | 1500 |
| Cultivation of paddy straw mushroom in entrepreneurial basis | 74 | 93 | 14800 | 31150 |
| Cultivation of oyster mushroom in entrepreneurial basis | 34 | 89 | 3660 | 7650 |
| Preparation of value added products from tomato | 25 | 11 | - | 19500 |
| Preparation of value added products from sabai grass | 18 | 21 | - | 28000 |
| Mushroom spawn production on entrepreneurial basis | 15 | 10 | - | 32540 |

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

| Horizontal spread of technologies | |
| --- | --- |
| Technology | Horizontal spread |
| - | - |

Give information in the same format as in case studies

4.3. Details of impact analysis of KVK activities carried out during the reporting period

| Sl. No. | Brief details of technology | Impact of the technology in subjective terms | Impact of the technology in objective terms |
| --- | --- | --- | --- |
| - | - | - | - |

4.4. Details of innovations recorded by the KVK

| Thematic area | - |
| --- | --- |
| Name of the Innovation | - |
| Details of Innovator | - |
| Back ground of innovation | - |
| Technology details | - |
| Practical utility of innovation | - |

4.5. Details of entrepreneurship development

| Entrepreneurship development | |
| --- | --- |
| Name of the enterprise | - |
| Name & complete address of the entrepreneur | - |
| Role of KVK with quantitative data support: | - |
| Timeline of the entrepreneurship development | - |
| Technical Components of the Enterprise | - |
| Status of entrepreneur before and after the enterprise | - |
| Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. ( Economic viability of the enterprise): | - |
| Horizontal spread of enterprise | - |

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

|  |  |
| --- | --- |
| **Name of organization** | **Nature of linkage** |
| Department of Agriculture | Milet Mission Programme |
| Monitoring of E-pest Surveillance |
| Technical backstopping on different Schemes and its Monitoring |
| SPPIF (Special Programme for promotion of Integrated Farming) |
| IFS |
| Odisha Integrated Irrigation Project for Climate Resilient Agriculture(OPIICRA ) |
| NFSM |
| Skill upgrdation Training Programmes |
| Department of Horticulture | Monitoring and its verification of NHM programme |
| Verification quality planting materials |
| Monitoring and its verification of OMBADC project. |
| Skill upgrdation Training Programmes |
| Department of ARD | Animal Health Camp of Small and Large animals |
| Department of Fisheries | Skill upgrdation Training Programmes |
| Pond Based IFS programme |
| Department of Watershed | Green Agriculture Project. |
| Jalskhakti Abhiyan |
| Farm Pond Plus Programme |
| Skill upgrdation Training Programmes |
| Deparment of Irrigation | Technical Backstopping to Panipanchayat Office bearers and Beneficiaries |
| Deparment of Co-operative | AwarenessProgrammes on Loan mela and Paddy procurement |
| ORMAS (Odisha Rural Development and Marketing Society) | Technical Backstopping |
| NABARD | Promotion of FPOs |
| CSISA | Promotion of DSR technology in Rice based cropping system |
| CIMMYT | Diversification Maize away from Kharif Rice. |
| IRRI | VareitalEvaluation of IRRI released varieties. |
| Reliance Foundation | Pulse Seed Production Programme |
| BSSS, NGO | Promotion of Community based Nursery and Vermicomposting |
| Yuva Bikash Foundation, NGO | Organic Farming |
| IDEI, NGO, | Soil testing and Organic Farming |
| SWCRF, NGO | Promotion of Value added product of Jute & Nutri-rich garden |
| FPOs | Promotion of Aromatic rice, Value addition of Sabai and Export of Fruits and Vegetables |
| OMBADC | Skill Training Programme for the Promotion of Agri Entreprenuer |

5.2. List of special programmes undertaken during 2022 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

| Name of the programme/ scheme | Purpose of programme | Date/ Month of initiation | Funding agency | Amount (Rs.) |
| --- | --- | --- | --- | --- |
| - | - | - | - | - |

(b) Programme for other activities (training, FLD, OFT, Mela, Exhibition etc.)

| Name of the programme/ scheme | Purpose of programme | Date/ Month of initiation | Funding agency | Amount (Rs.) |
| --- | --- | --- | --- | --- |
| - | - | - | - | - |

1. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1. Performance of demonstration units (other than instructional farm)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of demo Unit | Year of estt. | Area (Sq.mt) | Details of production | | | Amount (Rs.) | | Remarks |
| Variety/breed | Produce | Qty. | Cost of inputs | Gross income |
| 1. | Vegetable seedling Unit | 2005 | 110 | Hybrid | Seedling | 347782 no | 257600 | 724283 |  |
| 2. | Kitchen garden Unit | 2005 | 200 | Hybrid | Vegetable | 376 kg | 4560 | 3760 |  |
| 4. | Guava Unit | 2016 | 250 | VNR Bihi | Guava | 20 kg | 300 | 800 |  |
| 5. | Medicinal Unit | 2019 | 200 | Mix | - |  |  |  |  |
| 6. | Mushroom Unit | 2010 | 50 | Paddy straw, Oyster mushroom | Mushroom | 193 kg | 31255 | 26540 |  |
| 7. | Marigold Unit | 2023 | 50 | BM-1, BM-2 | Cuttings | 2190 no | 3560 | 4380 |  |
|  |  |  |  |  |  |  |  |  |  |
|  | **Total** |  | **860** |  |  |  | **34815** | **30920** |  |

6.2. Performance of Instructional Farm (Crops)

| Name  Of the crop | Date of sowing | Date of harvest | Area (ha) | Details of production | | | Amount (Rs.) | | Remarks |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variety | Type of Produce | Qty.(q) | Cost of inputs | Gross income |
| Paddy | 01.07.2023 | 18.12.2023 | 14 | Kalachampa | F/S | 700.2 |  | 2494112 |  |

* 1. Performance of Production Units (bio-agents / bio-pesticides/ bio-fertilizers etc.,)

| Sl.  No. | Name of the Product | Qty. (Kg) | Amount (Rs.) | | Remarks |
| --- | --- | --- | --- | --- | --- |
| Cost of inputs | Gross income |
| 1. | - | - | - | - | - |

* 1. Performance of instructional farm (livestock and fisheries production)

| Sl.  No | Name  of the animal / bird / aquatics | Details of production | | | Amount (Rs.) | | Remarks |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Breed | Type of Produce | Qty. | Cost of inputs | Gross income |
| 1. | Poultry birds | Rainbow rooster, Kadaknath, RIR, Vejaguda | 21days old chicks | 5451 | 1,79,700 | 315150 |  |

* 1. Utilization of hostel facilities

Accommodation available (No. of beds)

| Months | No. of trainees stayed | Trainee days  (days stayed) | Reason for short fall (if any) |
| --- | --- | --- | --- |
| March, 2024 | 20 | 4 |  |
| April 2024 | 20 | 4 |  |
| May 2024 | 20 | 4 |  |
| July 2024 | 40 | 8 |  |
| August 2024 | 20 | 4 |  |
| September2024 | 20 | 4 |  |
| October2024 | 20 | 4 |  |
| November2024 | 60 | 12 |  |
| December2024 | 40 | 8 |  |
| Total : | 260 | 52 |  |

(For whole of the year)

* 1. Utilization of staff quarters**Quarters are not in habitable condition**

Whether staff quarters has been completed:

No. of staff quarters:

Date of completion:

Occupancy details:

| Months | Q I | Q II | Q III | QIV | Q V | QVI |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | | | | | |

1. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

|  |  |  |  |
| --- | --- | --- | --- |
| **Bank account** | **Name of the bank** | **Location** | **Account Number** |
| Senior Scientist & Head, KVK Contingency | State Bank of India | Shamakhunta | 11600031037 |
| Senior Scientist & head, KVK, Mayurbhanj-1 Revolving Fund | State Bank of India | Shamakhunta | 30490126394 |
| Nodal Officer, Pulse Seed Hub | State Bank of India | Shamakhunta | 36077653148 |
| CCPI, CBSAE, OMBADC, KVK, Mayurbhanj-1 | State Bank of India | Shamakhunta | 41290527595 |
| Senior Scientist & Head, CFLD OILSEEDS, KVK, Mayurbhanj | State Bank of India | Shamakhunta | 41579566482 |

* 1. Utilization of funds under CFLD on Oilseed *(Rs. In Lakhs)*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Released by ICAR | | Expenditure | | Unspent balance as on -31.03.2024 |
| Kharif | Rabi | Kharif | Rabi |
| CFLD Oilseed Kharif (Sesame) | 100000 |  | 100000 |  | Nil |
| CFLD Oilseed Summer (Sesame) |  | 100000 |  | 100000 | Nil |
| **Total** | **100000** | **100000** | **100000** | **100000** |  |

7.3. Utilization of funds under CFLD on Pulses *(Rs. In Lakhs)*

| Item | Released by ICAR | | Expenditure | | Unspent balance as on 1st April 2025 |
| --- | --- | --- | --- | --- | --- |
| Kharif | Rabi | Kharif | Rabi |
| - |  |  |  |  |  |

**7.4 Utilization of KVK funds during the year 2024-25 (Not audited)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl.  No. | Particulars | Sanctioned | Released | Expenditure |
| A. Recurring Contingencies | | | | |
| 1 | Pay & Allowances | - | - | - |
| 2 | Traveling allowances | 200000 | 200000 | 200000 |
| 3 | Contingencies | | | |
| *A* | General Contingency | 750000 | 748800 | 748800 |
| *B* | TSP | 1500000 | 1500000 | 1500000 |
| *C* | HRD | 30000 | 30000 | 22000 |
| *D* |  |  |  |  |
| *E* | PM Kisan | 10947 | 10947 | 10947 |
| *F* | Agridrone | 151518 | 109475 | 109475 |
| *G* | Swachhta Expenditure | 32000 | 30800 | 30800 |
| **TOTAL (A)** | | **2684465** | **2640022** | **2632022** |
| B. Non-Recurring Contingencies | | | | |
| 1 | Demonstration Unit | 350000 | 350000 | 350000 |
| 2 | Library | 10000 | 10000 | 10000 |
| **TOTAL (B)** | | **360000** | **360000** | **360000** |
| C. REVOLVING FUND | |  |  |  |
| **GRAND TOTAL (A+B+C)** | | **3034465** | **2990022** | **2982022** |

7.5. Status of revolving fund (Rs. in lakh) for last three years

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Opening balance as on 1st April** | **Income during the year** | **Expenditure during the year** | **Net balance in hand as on 1stApril of each year (Kind + cash)** |
| 2020-21 | 0.5 | 150.0873 | 159.6729 | - |
| 2021-22 | 0.5 | 257.985 | 137.142 | - |
| 2022-23 | 0.5 | 139.8877 | 159.7079 | - |
| 2023-24 | 0.5 | 17.75491 | 155.0817 | - |
| 2024-25 | 0.26473 | 26.65625 | 17.24394 | - |

* 1. (i) Number of SHGs formed by KVKs-**10nos.**

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities: **Mushroom grower & Forest Produce,Sabai produce, value addition of millet produce & Forest Produce**

(iii) Details of marketing channels created for the SHGs: **Marketing linkage has been established in association with OLM, Mayurbhanj**

* 1. Joint activity carried out with line departments and ATMA

| Name of activity | Number of activity | Season | With line department | With ATMA | With both |
| --- | --- | --- | --- | --- | --- |
| - | - | - | - | - | - |

8. Other information

8.1. Prevalent diseases in Crops

| Name of the disease | Crop | Date of outbreak | Area affected (in ha) | % Commodity loss | Preventive measures taken for area (in ha) |
| --- | --- | --- | --- | --- | --- |
| - | - | - | - | - | - |

8.2. Prevalent diseases in Livestock/Fishery

| Name of the disease | Species affected | Date of outbreak | Number of death/ Morbidity rate (%) | Number of animals vaccinated | Preventive measures taken in pond (in ha) |
| --- | --- | --- | --- | --- | --- |
| - | - | - | - | - | - |

9.1. Nehru Yuva Kendra (NYK) Training

| Title of the training programme | Period | | No. of the participant | | Amount of Fund Received (Rs) |
| --- | --- | --- | --- | --- | --- |
|  | From | To | M | F |  |
| - | - | - | - | - | - |

9.2. PPV & FR Sensitization training Programme

| Date of organizing the programme | Resource Person | No. of participants | Registration (crop wise) | |
| --- | --- | --- | --- | --- |
|  |  |  | Name of crop | No. of registration |
| - | - | - | - | - |

9.3. *mKisan*Portal (National Farmers’ Portal/ SMS Portal)

| Type of message | No. of messages | No. of farmers covered |
| --- | --- | --- |
| Crop | 141 | 51346 |
| Livestock | 12 | 36388 |
| Fishery | 6 | 14536 |
| Weather | 21 | 51346 |
| Marketing | 3 | 20879 |
| Awareness | 7 | 51346 |
| Training information | 6 | 1125 |
| Other | 2 | 51346 |
| **Total** | **198** | **278312** |

9.4. *KVK* Portal and Mobile App

| Sl. No. | Particulars | Description |
| --- | --- | --- |
| 1. | No. of visitors visited the portal | *1530* |
| 2. | No. of farmers registered in the portal | *-* |
| 3. | Mobile Apps developed by KVK | *-* |
| 4. | Name of the App | *-* |
| 5. | Language of the App | *-* |
| 6. | Meant for crop/ livestock/ fishery/ others | *-* |
| 7. | No. of times downloaded | *-* |

9.5. a. Observation of Swachh Bharat Programme

| Date/ Duration of Observation | Activities undertaken |
| --- | --- |
|
| October 2023 to November 2023 | KVK Campus cleaning and sanitation |

b. Details of Swachhta activities with expenditure

| **Activities** | **Number** | **Expenditure (in Rs.)** |
| --- | --- | --- |
| 1. Digitization of office records/ e-office | - | - |
| 1. Basic maintenance | 50 | 5500 |
| 1. Sanitation and SBM | 40 | 15000 |
| 1. Cleaning and beautification of surrounding areas | 30 | - |
| 1. Vermicomposting/Composting of biodegradable waste management & other activities on generate of wealth for waste | 5 | - |
| 1. Used water for agriculture/ horticulture application | 6 | - |
| 1. Swachhta Awareness at local level | 15 | 5000 |
| 1. Swachhta Workshops | 3 | 6000 |
| 1. Swachhta Pledge | 1 | - |
| 1. Display and Banner | 1 | 500 |
| 1. Foster healthy competition | - | - |
| 1. Involvement of print and electronic media | 5 | - |
| 1. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village) | 12 | - |
| 1. No of Staff members involved in the activities | 12 | - |
| 1. No of VIP/VVIPs involved in the activities | - | - |
| 16. Any other specific activity (in details) | - | - |
| **Total** | **180** | **32000** |

9.6. Observation of National Science day

| Date of Observation | Activities undertaken |
| --- | --- |
|
| - | - |

9.7. Programme with Seema Suraksha Bal/ BSF

| Title of Programme | Date | No. of participants |
| --- | --- | --- |
| - | - | - |

9.8. Agriculture Knowledge in rural school

| Name and address of school | Date of visit to school | Areas covered | Teaching aids used |
| --- | --- | --- | --- |
| - | - | - | - |

Give good quality 1-2 photograph(s)

9.9. Details of ‘*Pre-Rabi Campaign’* Programme

| Date of programme | No. of Union Ministers attended the programme | No. of  Hon’ble MPs (Loksabha/ Rajyasabha) participated | No. of State Govt. Ministers | Participants (No.) | | | | | | | Coverage by Door Darshan (Yes/No) | Coverage by other channels (Number) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MLAs Attended the programme | Chairman ZilaPanchayat | Distt. Collector/ DM | Bank Officials | Farmers | Govt. Officials, PRI members etc. | Total |
| - | - | - | - | - | - | - | - | - | - | - | - | - |

9.10. Details of Swachhta Hi Seva programme organized

| Sl.No. | Activity | No. of villages Involved | No. of Participants | No. of VIPs | Name (s) of VIP(s) |
| --- | --- | --- | --- | --- | --- |
| - | - | - | - | - | - |

9.11. Details of Mahila Kisan Divas programme organized

| Sl.  No. | Activity | No. of villages Involved | No. of Participants | No. of VIPs | Name (s) of VIP(s) |
| --- | --- | --- | --- | --- | --- |
| 1 | Celebration of Mahila Kisan Diwas | 1 | 65 | - | - |
| 2 | Mushroom production demonstration | One | 33 | - | - |

9.12. No. of Progressive/ Innovative/ Lead farmer identified (category wise)

| Sl.  No. | Name of Farmer | Address of the farmer with contact no. | Innovation/ Leading in enterprise |
| --- | --- | --- | --- |
| 1 | Ratikant Patra | Balimunduli, Shamakhunta, 9777493543 | Hybrid paddy seed production in 2.0 ha area |
| 2 | Bijay Kumar Patra | Girishchandrapur, Khunta, 9438500562 | Paired row planting of various off-season vegetables in shed houses |
| 3 | Prasannajit Mohapatra | Kenduadiha, Shamakhunta, 9438001895 | Novel technology in managing rice pests and diseases by using 07 different Indigenous products/components |
| 4 | Nagendra Maharna | Madhunanda, Betnoti, 9853076922 | Mixed farming of various vegetables in the same place |
| 5 | Lipsa Mohanty | Kansapal, Bangiriposi, 9437461661 | Poultry farming with in-house feed preparation |
| 6 | Sudhir Kumar Acharya | Belam, Badasahi, 9439883090 | Intercropping of Cereal, pulse and vegetables |
| 7 | Nabin Mohanta | Bholagadia,Shyamakhunta, 9439094429 | Novel technique to harvest rice in muddy conditions (When rain occurs at the time of harvest) |
| 8 | Kalpana Bindhani | Deulasahi, Baripada, 9861456703 | Novel preparation of value added products from vegetables and fruits |
| 9 | Geetarani Mohanty | Ruchi Mushroom, Takatpur, Baripada, 9861317115 | Paddy straw mushroom production by using sterilized compost |
| 10 | Rajat Satpathy | Puravi Dairy, ABCpur, Badasahi, 9438232353 | Various value added products from milk |

9.13. Revenue generation

| Sl.No. | Name of Head | Income(Rs.) | Sponsoring agency |
| --- | --- | --- | --- |
| 1. | CBSAE, OMBADC | 77500 | OMBADC, GOVT. OF ODISHA |

9.14. Resource Generation:

| Sl.No. | Name of the programme | Purpose of the programme | Sources of fund | Amount  (Rs. lakhs) | Infrastructure created |
| --- | --- | --- | --- | --- | --- |
| 1. | IRRI-DSR | Collaborative Trials | IRRI-DSR | 2.26152 | Agriculture Implements |
| 2. | CBSAE | Establishment and operationalisation of Farm machineryHub | OMBADC | 19.48621 | Farm machineries, implements & accessories |
| 3. | CBSAE | Construction of Biofloc system for yearling culture | OMBADC | 9.85000 | Biofloc system for yearling culture |

9.15. Performance of Automatic Weather Station in KVK

| Date of establishment | Source of funding i.e. IMD/ICAR/Others (pl. specify) | Present status of functioning |
| --- | --- | --- |
| 27.05.2021 | IMD | Functional |

9.16. Contingent crop planning

| Name of the state | Name of district/KVK | Thematic area | Number of programmes organized | Number of Farmers contacted | A brief about contingent plan executed by the KVK |
| --- | --- | --- | --- | --- | --- |
| Odisha | Mayurbhanj | Agrometeorology&Agronomy | 1 | 100 | Contingent Crop Plan for Drought, Cyclone, Flood and weather hazards prepared and circulated among farmers |

10. Report on Cereal Systems Initiative for South Asia (CSISA)

1. Year:2024
2. Introduction / General Information:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Title | Objective | Treatment details | Date of sowing | Replication | Result with photographs |
| Experiment 1 | Performance of rabi crops (Rice, green gram, black gram, groundnut, mustard, Toria, sunflower, and maize) in sequence with rice (DSR & PTR) for comparing system productivity and economics under irrigated ecology. | To find out the productivity & economics of rabi crops in sequence with rice (DSR & PTR) under irrigated ecology of Odisha. | T1: Traditional puddled transplanted (manual random/line) rice (PTR) in rabi season as succeeding crop after rice  T2: Maize as succeeding crop after rice  T3: Green gram as succeeding crop after rice  T4: Black gram as succeeding crop after rice  T5: Groundnut as succeeding crop after rice  T6: Mustard as succeeding crop after rice  T7: Sunflower as succeeding crop after rice | 15th January-15th February | 2 | Crops are in field |
| Experiment 2 | Evolutions of different varieties of green gram (mechanized) in residual soil moisture after rice (preferably DSR) harvest (rainfed). |  | T1. Local variety: farmers’ choice  T2: Improved variety: Virat  T3: Improved variety: Shikha  T4: Improved variety: MH 421  T5: Improved variety: MH 1142  T6: Improved variety: HUM 16  T7: Improved variety: Azad Mung 1/Samrat  T8: Improved variety: IPM 512-1 | 15th January-15th February | 3 | Crops are in field |
| Experiment 3 | Evolutions of different varieties of groundnut (mechanized) in residual soil moisture after rice (preferably DSR) harvest (sowing under rainfed/partially irrigated). | To find out the most suitable variety of ground nut in residual soil moisture after rice under rainfed ecology of Odisha. | T1. Local variety: farmers’ choice  T2: Improved variety: Dharni  T3: Improved variety: Kaderi 66  T4: Improved variety: Devi(ICGV-91114) | 15th January-15th February | 3 | Crops are in field |
| Experiment 4 | Optimization of sowing dates of mechanized green gram under rainfed ecology of Odisha. | To find out the most suitable time of sowing for green gram in Odisha | Green gram (improved variety: Virat/Shikha) | 15th January-15th February | 3 | Crops are in field |
| Experiment 5 | Optimization of sowing dates of mechanized Ground nut under rainfed/partially irrigated ecology of Odisha. | To find out the most suitable time of sowing for groundnut | Groundnut (improved variety: Dharni/Kaderi 66) | 15th January-15th February | 3 | Crops are in field |
| Experiment 6 | Optimization of sowing dates of mechanized Mustard under rainfed/partially irrigated ecology of Odisha. | To find out the most suitable time of sowing for Mustard | Mustard :(Improved variety/Varuna/Kranti/Hybrid) | 10th November- 20th December (10 days’ interval, 5 dates; say 10 Nov, 20 Nov, 30 Nov, 10 Dec., and 20 Dec.) | 3 | Crops are in field |

Please provide good quality photographs:

11. Details of DAPST/ TSP

1. Achievements of physical output under TSP during 2024

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Progress of DAPST for the year 2024 (Jan. to Dec., 2024)** | | | | | | | | |
| **Name of KVK** | | | **KVK Mayurbhanj-I** | | | | | |
| ***Sl.No.*** | ***Item/Activity*** | | | ***Units*** | ***Targets/Achievements*** | | ***No. of Beneficiaries*** | |
| ***Annual Targets*** | ***Achievements*** | ***Annual Targets*** | ***Achievements*** |
| 1 | **Trainings (Capacity building/ Skill Development etc.)** | | | No. | 77 | 81 | 1650 | 1670 |
| 1.1 | | 1-3 days | No. | 45 | 49 | 1005 | 1025 |
| 1.2 | | 4-10 days | No. | 31 | 31 | 630 | 630 |
| 1.3 | | 2-4 weeks | No. |  |  |  |  |
| 1.4 | | More than 4 weeks | No. | 1 | 1 | 15 | 15 |
| 2 | **On Farm Trials (OFTs)** | | | No. | 10 | 10 | 116 | 120 |  |
| 3 | **Front Line Demonstrations (FLDs) and other demonstrations** | | | No. | 18 | 19 | 528 | 540 |  |
| 4 | **Awareness camps, exposure visits etc.** | | | No. | 30 | 32 | 620 | 640 |
| 5 | **Input Distribution** | | |  |  |  |  |  |
| 5.1 | Seeds (Field Crops) | | Tonnes | 70.06 | 70.06 | 405 | 420 |
| 5.2 | Seeds (High Value Crops, spices etc.) | | kg |  |  |  |  |
| 5.3 | Seeds (Root & Tuber Crops) | | tonnes |  |  |  |  |
| 5.4 | Nursery plants | | No. | 400000 | 450000 | 4000 | 4500 |
| 5.5 | Cutting , slips, suckers, etc | | No. |  |  |  |  |
| 5.6 | Mushroom Spawns/ Bio-Fertilizers (in Packets) | | Packets | 2000 | 2150 | 200 | 210 |
| 5.7 | Honey Bee Colonies | | No. |  |  |  |  |
| 5.8 | Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.) | | No. |  |  |  |  |
| 5.9 | Animals-small (pig, sheep, goat etc.) | | No. |  |  |  |  |
| 5.1 | Poultry chicks / duckling etc | | No. | 4000 | 4435 | 350 | 400 |
| 5.11 | Fish Spawns/ fingerlings | | No. |  |  |  |  |
| 5.12 | Small equipment's (upto Rs 2000) | | No. |  |  |  |  |
| 5.13 | Medium Equipment's/ machinery (upto Rs 25000) | | No. |  |  |  |  |
| 5.14 | Large Equipment's / machinery (> Rs. 25000) | | No. |  |  |  |  |
| 5.15 | Infrastructure / Civil Works/ Ponds etc | | No. |  |  |  |  |
| 5.16 | Setting up plant nursery/ seed farm/ hatchery | | No. |  |  |  |  |
| 5.17 | Land development/ Reclamation / Conservation | | hectares |  |  |  |  |
| 5.18 | Fertilizers (NPK)/ Secondary fertilizers | | tonnes |  |  |  |  |
| 5.19 | Micro nutrients | | tonnes | 0.01 | 0.01 | 361 | 380 |
| 5.2 | FYM/ Vermicompost | | tonnes | 1 | 1 | 20 | 20 |
| 5.21 | Soil amendments (Gypsum, lime etc.) | | tonnes |  |  |  |  |
| 5.22 | Plant protection chemicals | | kg | 0.01 | 0.01 | 361 | 380 |
| 5.23 | Plant growth Promoter | | kg |  |  |  |  |
| 5.24 | Animal Feed | | tonnes |  |  |  |  |
| 5.25 | Animal Fodder | | tonnes |  |  |  |  |
| 5.26 | Animal medicines | | doses |  |  |  |  |
| 5.27 | Any other (Liquid PSB etc.) | | Litre |  |  |  |  |
| 6 | **Services/Facilitation** | | |  |  |  |  |  |
| 6.1 | Animal Health Camps | | No. | 1 | 1 | 50 | 50 |
| 6.2 | Artificial Insemination / Vaccination | | No. |  |  |  |  |
| 6.3 | Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc) | | No. |  |  |  |  |
| 6.4 | Testing samples of Soil, plant, water, feed, fodder and livestock | | No. | 100 | 120 | 300 | 360 |
| 6.5 | Promotion of agri-entrepreneurship | | No. | 31 | 31 | 620 | 620 |
| 6.6 | Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc | | No. | 3 | 3 | 60 | 60 |
| 6.7 | Creation of market links of farm produces | | No. |  |  |  |  |
| 6.8 | Use of Institute Facilities (Processing etc.) (in Hours) | | Hours |  |  |  |  |
| 6.9 | Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary) | | No. |  |  |  |  |
| 7 | **Distribution of Literature** | | | No. | 600 | 650 | 600 | 650 |
| **8** | **Employment generation for livelihood** | | | (Man-months) |  |  |  |  |
| **9** | **Fellowship, Stipends or Scholarship** | | | No. |  |  |  |  |
| **10** | **Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable** | | | No. of projects |  |  |  |  |
| **11** | **Monitoring & Evaluation of DAPSC/ST (upto 3%)** | | |  |  |  |  |  |
| **12** | **Any other (specify)** | | |  |  |  |  |  |

1. Fund received under TSP in 2024-25 (Rs. In lakh):**15.0**

12. Details of DAPSC/ SCSP-**N.A.**

1. Achievements of physical output under SCSP during 2024

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Progress of DAPSC for the year 2024 (Jan. to Dec., 2024)** | | | | | | | |
| **Name of KVK** | |  | | | | | |
| ***Sl.No.*** | ***Item/Activity*** | | ***Units*** | ***Targets/Achievements*** | | ***No. of Beneficiaries*** | |
| ***Annual Targets*** | ***Achievements*** | ***Annual Targets*** | ***Achievements*** |
| 1 | **Trainings (Capacity building/ Skill Development etc.)** | | No. |  |  |  |  |
| 1.1 | 1-3 days | No. |  |  |  |  |
| 1.2 | 4-10 days | No. |  |  |  |  |
| 1.3 | 2-4 weeks | No. |  |  |  |  |
| 1.4 | More than 4 weeks | No. |  |  |  |  |
| 2 | **On Farm Trials (OFTs)** | | No. |  |  |  |  |
| 3 | **Front Line Demonstrations (FLDs) and other demonstrations** | | No. |  |  |  |  |
| 4 | **Awareness camps, exposure visits etc.** | | No. |  |  |  |  |
| 5 | **Input Distribution** | |  |  |  |  |  |
| 5.1 | Seeds (Field Crops) | Tonnes |  |  |  |  |
| 5.2 | Seeds (High Value Crops, spices etc.) | kg |  |  |  |  |
| 5.3 | Seeds (Root & Tuber Crops) | tonnes |  |  |  |  |
| 5.4 | Nursery plants | No. |  |  |  |  |
| 5.5 | Cutting , slips, suckers, etc | No. |  |  |  |  |
| 5.6 | Mushroom Spawns/ Bio-Fertilizers (in Packets) | Packets |  |  |  |  |
| 5.7 | Honey Bee Colonies | No. |  |  |  |  |
| 5.8 | Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.) | No. |  |  |  |  |
| 5.9 | Animals-small (pig, sheep, goat etc.) | No. |  |  |  |  |
| 5.1 | Poultry chicks / duckling etc | No. |  |  |  |  |
| 5.11 | Fish Spawns/ fingerlings | No. |  |  |  |  |
| 5.12 | Small equipment's (upto Rs 2000) | No. |  |  |  |  |
| 5.13 | Medium Equipment's/ machinery (upto Rs 25000) | No. |  |  |  |  |
| 5.14 | Large Equipment's / machinery (> Rs. 25000) | No. |  |  |  |  |
| 5.15 | Infrastructure / Civil Works/ Ponds etc | No. |  |  |  |  |
| 5.16 | Setting up plant nursery/ seed farm/ hatchery | No. |  |  |  |  |
| 5.17 | Land development/ Reclamation / Conservation | hectares |  |  |  |  |
| 5.18 | Fertilizers (NPK)/ Secondary fertilizers | tonnes |  |  |  |  |
| 5.19 | Micro nutrients | tonnes |  |  |  |  |
| 5.2 | FYM/ Vermicompost | tonnes |  |  |  |  |
| 5.21 | Soil amendments (Gypsum, lime etc.) | tonnes |  |  |  |  |
| 5.22 | Plant protection chemicals | kg |  |  |  |  |
| 5.23 | Plant growth Promoter | kg |  |  |  |  |
| 5.24 | Animal Feed | tonnes |  |  |  |  |
| 5.25 | Animal Fodder | tonnes |  |  |  |  |
| 5.26 | Animal medicines | doses |  |  |  |  |
| 5.27 | Any other (Liquid PSB etc.) | Litre |  |  |  |  |
| 6 | **Services/Facilitation** | |  |  |  |  |  |
| 6.1 | Animal Health Camps | No. |  |  |  |  |
| 6.2 | Artificial Insemination / Vaccination | No. |  |  |  |  |
| 6.3 | Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc) | No. |  |  |  |  |
| 6.4 | Testing samples of Soil, plant, water, feed, fodder and livestock | No. |  |  |  |  |
| 6.5 | Promotion of agri-entrepreneurship | No. |  |  |  |  |
| 6.6 | Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc | No. |  |  |  |  |
| 6.7 | Creation of market links of farm produces | No. |  |  |  |  |
| 6.8 | Use of Institute Facilities (Processing etc.) (in Hours) | Hours |  |  |  |  |
| 6.9 | Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary) | No. |  |  |  |  |
| 7 | **Distribution of Literature** | | No. |  |  |  |  |
| **8** | **Employment generation for livelihood** | | (Man-months) |  |  |  |  |
| **9** | **Fellowship, Stipends or Scholarship** | | No. |  |  |  |  |
| **10** | **Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable** | | No. of projects |  |  |  |  |
| **11** | **Monitoring & Evaluation of DAPSC/ST (upto 3%)** | |  |  |  |  |  |
| **12** | **Any other (specify)** | |  |  |  |  |  |

1. Fund received under SCSP in 2024-25 (Rs. In lakh):

13. Progress report of NICRA KVK (Technology Demonstration component) during the period

(Applicable for KVKs identified under NICRA)

Natural Resource Management

| Name of intervention undertaken | Numbers under taken | No of units | Area (ha) | No of farmers covered / benefitted | | | | | | | | | | Remarks |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | SC | | ST | | | Other | | Total | | |  |
|  |  |  |  | M | F | | M | F | M | F | M | F | T |  |
| - | - | - | - | - | - | | - | - | - | - | - | - | - | - |

Crop Management

| Name of intervention undertaken | Area (ha) | No of farmers covered / benefitted | | | | | | | | | | Remarks |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | SC | | | ST | | Other | | Total | | |  |
|  |  | M | F | M | | F | M | F | M | F | T |  |
| - | - | - | - | - | | - | - |  | - | - | - | - |

Livestock and fisheries

| Name of intervention undertaken | Number of animals covered | No of units | Area (ha) | No of farmers covered / benefitted | | | | | | | | | | Remarks |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | SC | | ST | | | Other | | Total | | |  |
|  |  |  |  | M | F | | M | F | M | F | M | F | T |  |
| - | - | - | - | - | - | | - | - | - | - | - | - | - | - |

Institutional interventions

| Name of intervention undertaken | No of units | Area (ha) | No of farmers covered / benefitted | | | | | | | | | | Remarks |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | SC | | ST | | | Other | | Total | | |  |
|  |  |  | M | F | | M | F | M | F | M | F | T |  |
| - | - | - | - | - | | - | - | - | - | - | - | - | - |

Capacity building

| Thematic area | No of Courses | No of beneficiaries | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | SC | ST | | | Other | | | Total | | |
|  |  | M | F | M | F | | M | F | M | F | T |
| - | - | - | - | - | - | | - | - | - | - | - |

Extension activities

| Thematic area | No of activities | No of beneficiaries | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | SC | ST | | | Other | | | Total | | |
|  |  | M | F | M | F | | M | F | M | F | T |
| - | - | - | - | - | - | | - | - | - | - | - |

Detailed report should be provided in the circulated Performa

14. Awards/Recognition received by the KVK

| Sl. No. | Name of the Award | Year | Conferring Authority | Amount | Purpose |
| --- | --- | --- | --- | --- | --- |
| 1 | Best Seed Production and QPM Unit Award | 2024 | OUAT | - | - |

Award received by Farmers from the KVK district

| Sl. No. | Name of the Award | Name of the Farmer | Year | Conferring Authority | Amount | Purpose |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |

15. Any significant achievement of the KVK with facts and figures as well as quality photograph

16. Number of commodity based organizations/ farmers’ cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

| Sl. No. | Name of the organization/ Society | Trust Deed No.& date | Date of Trust Registration        Address | Proposed Activity | Commodity Identified | No. of Members | Financial position  (Rupees in lakh) | Success indicator |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| - | - | - | - | - | - | - | - | - |

1. Integrated Farming System (IFS)

Details of KVK Demo. Unit

| Sl.  No. | Module details (Component-wise) | Area under IFS (ha) | Production (Commodity-wise) | Cost of production in Rs. (Component-wise) | Value realized in Rs. (Commodity-wise) | No. of farmer adopted practicing IFS | % Change in adoption during the year |
| --- | --- | --- | --- | --- | --- | --- | --- |
| - | - | - | - | - | - | - | - |

1. Information on Visit of Ministers to KVKs, if any

| Date of Visit | Name of Hon’ble Minister | Name of Ministry | Salient points in his/ her observation  (2-3 bulleted points) |
| --- | --- | --- | --- |
| - | - | - | - |

1. a) Information on ASCI Skill Development Training Programme, if undertaken during 2022

| Name of the Job role | Name of the certified Trainer of KVK for the Job role | Date of start of training | Date of completion of training | No. of participants | | | | | | Whether uploaded to SIP Portal (Y/N) | Fund utilized for the training (Rs.) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SC | | ST | | Other | |
| M | F | M | F | M | F |
| - | - | - | - | - | - | - | - | - | - | - | - |

b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2022

| Thematic area of training | Title of the training | Duration (in hrs.) | No. of participants | | | | | | | | | Fund utilized for the training (Rs.) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | SC | | ST | | Other | | Total | | |  |
|  |  |  | M | F | M | F | M | F | M | F | T |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

1. Information on NARI Project (if applicable)

| Name of Nodal Officer | No. of OFT on specified aspects | Title(s) of OFT | No. of FLD on specified aspects | No. of capacity development programme on specified aspects | Total no. of farm women/ girls involved in the project | Details of Issues related to gender mainstreaming addressed through the project |
| --- | --- | --- | --- | --- | --- | --- |
| - | - | - | - | - | - | - |

1. Any other programme organized by KVK, not covered above

| Sl.  No. | Name of the programme | Date of the programme | Venue | Purpose | No. of participants |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |

1. Good quality action photographs of overall achievements of KVK during the year (best 10)

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