**PROFORMA FOR ANNUAL REPORT2024 (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 |  |
| AT/PO-Devog,Via- Singla,Balasore,Pin-756023 | 9658091561 | - | kvk.balasore@outat.ac.in  [kvkbalasore.ouat@gmail.com](mailto:kvkbalasore.ouat@gmail.com) |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Telephone | | E mail |
| Office | FAX |  |
| DEE, OUAT, Bhubaneswar | 0674-2397362 | - | dee@ouat.ac.in  deanextensionouat@yahoo.com |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Telephone / Contact | | |
|  | Residence | Mobile | Email |
| Dr. SwagatikaSahu | Qr-1, KVK, Campus, Devog, Baliapal | 9658091561 | swagatikasahu@ouat.ac.in |

1.4. Year of sanction of KVK: 1983

1.5. Staff Position (**as on 1stJanuary, 2024**)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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. Swagatika Sahu | Senior scientist and Head | Fishery | 79,800-2,11,500/- (95300/-) | 4/06/2021 | Permanent | Others |
| 2 | Subject Matter  Specialist | Dr. Amitarani Patra | Scientist | Home Science | 57,700-1,82,400/- (87200/-) | 22/10/2009 | Permanent | Others |
| 3 | Subject Matter  Specialist | Dr. Pravamanjari Giri | Scientist | Crop Production | 15600-39100/-  (21390/-) | 01/01/2016 | Permanent | Others |
| 4 | Subject Matter  Specialist | Dr. Kamalakanta Behera | Scientist | Ag. Extension | 57,700-1,82,400/- (84700/-) | 27/07/2018 | Permanent | Others |
| 5 | Subject Matter  Specialist | Er. AmitJyotiMajhi | SMS | Ag. Engineering | (56100-177500)  65000/- | 07.10.2024 | Permanent | SC |
| 6 | Subject Matter  Specialist | - | - | - | - | - | - | - |
| 7 | Subject Matter  Specialist | - | - | - | - | - | - | - |
| 8 | Programme Assistant | Niroj Kumar Jena | Programme Assistant | Seed Science | 35400- 1,12,400/-  (44900/-) | 28/12/2015 | Permanent | Others |
| 9 | Computer  Programmer | RaghunathSoren | Programme Assistant | Computer  Science | 35400- 1,12,400/-  (44900/-) | 04.06.2021 | Permanent | ST |
| 10 | Farm Manager | Lakshmikanta Murmu | Farm Manager | Ag. Economics | 35400- 1,12,400/-  (44900/-) | 01.08.2022 | Permanent | ST |
| 11 | Accountant / Superintendent | Vacant | - | - | - | - | - | - |
| 12 | Stenographer | Pravat Kumar Swain | Steno Cum Computer Operator |  | 25500-81100/-  (32300/-) | 06/03/2014 | Permanent | Others |
| 13. | Driver | Pradipta Kumar Biswal | Driver Cum Mechanic |  | 19900- 63200/-  (31100/-) | 21/05/2018 | Permanent | Others |
| 14. | Driver | Rajesh Kumar Behera | Driver Cum Mechanic |  | 19900- 63200/-  (28400/-) | 04.06.2021 | Permanent |  |
| 15. | Supporting staff | Debendranath Das | Peon Cum Watchman |  | 4750- 14680/-  (25000/-) | 01/08/2008 | Permanent | Others |
| 16. | Supporting staff | Vacant |  |  |  |  |  |  |

1.6. Total land with KVK (in ha) :

|  |  |  |
| --- | --- | --- |
| S. No. | Item | Area (ha) |
| 1 | Under Buildings | 0.8 |
| 2 | Under Demonstration Units | 0.8 |
| 3 | Under Crops | 1.5 |
| 4 | Orchard/Agro-forestry | 1.2 |
| 5 | Mini IFS unit | 0.1 |
| 6 | Poly house and Shade net | 0.2 |
| 7 | Unutilized Land (Encroached) | 3.0 |
|  | Total | **7.62** |

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 |  | Use | ICAR |
| 2. | Farmers Hostel |  |  |  |  | Yes |  | Not in use | ICAR |
| 3. | Staff Quarters (6) |  |  |  |  | Yes |  | Use | ICAR |
| 4. | Piggery unit | Yes |  |  |  |  |  |  |  |
| 5 | Fencing |  |  |  |  | Yes | 34.64 | Use | RKVY |
| 6 | Rain Water harvesting structure | Yes |  |  |  |  |  |  |  |
| 7 | Threshing floor |  |  |  |  | Yes | 180 | Use | ICAR |
| 8 | Farm go-down |  |  |  |  | Yes | 36 | Use | ICAR |
| 9. | Dairy unit | Yes |  |  |  |  |  |  |  |
| 10. | Poultry unit |  |  |  |  | Yes | 50 | Use | RKVY |
| 11. | Goatary unit | Yes |  |  |  |  |  |  |  |
| 12. | Mushroom Lab |  |  |  |  | Yes | 20.90 | Use | RKVY |
| 13. | Ornamental Fish Unit |  |  |  |  | Yes |  | Use | ICAR |
| 14. | Shade house |  |  |  |  | Yes |  | Use | RKVY |
| 15. | Soil test Lab |  |  |  |  | Yes | 20.90 | Use | RKVY |
| 16 | Others,Vermi-compost unit |  |  |  |  | Yes | 12 | Use | RKVY |
| 17 | Over Head Tank | - | - | - | - | Yes | - | Use | ICAR-ATARI, Kolkata |
| 18 | Polyhouse | - | - | - | - | Yes | - | Use | ICAR-ATARI, Kolkata |
| 19 | Duckery Unit | - | - | - | - | Yes | - | Use | Govt. of Odisha |
| 20 | Mushroom Unit | - | - | - | - | Yes | - | Use | Govt. of Odisha |

B) Vehicles

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type of vehicle | Year of purchase | Cost (Rs.) | Total km. Run | Present status |
| Bike | 2010 | 50000 | 19618  31.3.2025 | Running |
| Bolero | 2024 | 900000 | 13907  (31.3.2025) | Running |

C) Equipment & AV aid

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of equipment | Year of purchase | Cost (Rs) | Present status | Source of fund |
| a. **Lab equipment** | | | | |
| MridaParikhyak | 2016-17 | 90000 | Working properly | ICAR-ATARI, Jabalpur |
| Drying Cabinet | 2017-18 | 14898 | Working properly | ICAR-ATARI, Kolkata |
| Digital Refractometer | 2017-18 | 14900 | Working properly | ICAR-ATARI, Kolkata |
| Crown cap sealing machine | 2017-18 | 5900 | Working properly | ICAR-ATARI, Kolkata |
| Vacuum sealing machine | 2017-18 | 1980 | Working properly | ICAR-ATARI, Kolkata |
| Stainless steel knife, measuring cup , glass jar .1 set | 2017-18 | 1950 | Working properly | ICAR-ATARI, Kolkata |
| Food processor | 2017-18 | 4950 | Working properly | ICAR-ATARI, Kolkata |
| Autoclave | 2022-23 | 80000 | Working properly | ICAR-ATARI, Kolkata |
| Cushion Chair Black/Red | 2023-24 | 22500.00 | Working properly | ICAR-ATARI, Kolkata |
| Auto pH Meter | 2023-24 | 22500.00 | Working properly | ICAR-ATARI, Kolkata |
| Conductivity Meter | 2023-24 | 23500.00 | Working properly | ICAR-ATARI, Kolkata |
| File Cabinet (Drawer) | 2023-24 | 32418.00 | Working properly | ICAR-ATARI, Kolkata |
| Induction Heater | 2023-24 | 3533.37 | Working properly | ICAR-ATARI, Kolkata |
| Ceiling Fan | 2023-24 | 9399.63 | Working properly | ICAR-ATARI, Kolkata |
| Fire Extinguisher | 2023-24 | 10080.00 | Working properly | ICAR-ATARI, Kolkata |
| b. **Farm machinery** | | | | |
| Mini power weeder | 2016-17 | 31000 | Working | ICAR-ATARI, Jabalpur |
| Post hole digger | 2016-17 | 27120 | Working | ICAR-ATARI, Jabalpur |
| power weeder | 2018-19 | 28400 | Working | ICAR-ATARI, Kolkata |
| Power brush cutter | 2018-19 | 23000 | Working | ICAR-ATARI, Kolkata |
| Chain saw | 2019-20 | 14800 | Working | ICAR-ATARI, Kolkata |
| Double wheel barrow | 2019-20 | 5500 | Working | ICAR-ATARI, Kolkata |
| Solar Street Lighting System | 2022-23 | 32000 | Working | ICAR-ATARI, Kolkata |
| Pulverizer | 2022-23 | 19470 | Working | ICAR-ATARI, Kolkata |
| Ladder (Aluminum) | 2023-24 | 10498.00 | Working | ICAR-ATARI, Kolkata |
| c. **AV Aids** | | | | |
| Projector | 2016-17 | 16450 | Working properly | ICAR-ATARI, Jabalpur |
| Television | 2017-18 | 44300 | Working properly | ICAR-ATARI, Kolkata |
| Television | 2019-20 | 14000 | Working properly | ICAR-ATARI, Kolkata |
| HD Projector | 2020-21 | 39490 | Working properly | ICAR-ATARI, Kolkata |
| Interactive board | 2022-23 | 30499 | Working properly | ICAR-ATARI, Kolkata |
| Whiteboard stand | 2022-23 | 1190 | Working properly | ICAR-ATARI, Kolkata |
| Laptop | 2022-23 | 46471 | Working properly | ICAR-ATARI, Kolkata |
| Ceiling Mount only Projector Stand | 2022-23 | 6969 | Working properly | ICAR-ATARI, Kolkata |
| Tripod Stand | 2022-23 | 5500 | Working properly | ICAR-ATARI, Kolkata |
| Desktop | 2023-24 | 42917.86 | Working properly | Govt of Odisha |
| UPS | 2023-24 | 4895.00 | Working properly | Govt of Odisha |
| Webcam | 2023-24 | 1882.00 | Working properly | ICAR-ATARI, Kolkata |
| Wireless Microphone (Table Top) | 2023-24 | 24000.00 | Working properly | ICAR-ATARI, Kolkata |
| Camera (CCTV) | 2023-24 | 15600.00 | Working properly | ICAR-ATARI, Kolkata |
| Video Recorder (CCTV) | 2023-24 | 23987.00 | Working properly | ICAR-ATARI, Kolkata |
| Tablet Computer | 2023-24 | 14537.00 | Working properly | ICAR-ATARI, Kolkata |
| Digital signature certificate for PFMS (Under CFLD-Oilseed) | 2024-25 | 4910 | Working properly | ICAR-ATARI, Kolkata |

D) Farm implements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of equipment** | **Year of purchase** | **Cost (Rs.)** | **Present status** | **Source of fund** |
| Power sprayer | 2016-17 | 16294 | Working | ICAR-ATARI, Jabalpur |
| Secateurs | 2016-17 | 1275 | Working |
| Line marker | 2016-17 | 2790 | Working |
| Hedge cutter | 2016-17 | 2200 | Working |
| Manual lawn mower | 2016-17 | 6000 | Working |
| Knapsack sprayer | 2016-17 | 2982 | Working |
| Multiple agar | 2016-17 | 2800 | Working |
| Multi-crop dry-land weeder | 2016-17 | 3600 | Working |
| Hand chaff cutter | 2016-17 | 2800 | Working |
| Pressure sprayer | 2016-17 | 1200 | Working |
| Hand wheel hoe 3-tyne | 2019-20 | 3800 | working | ASCI |
| Seed-cum-Fertilizer drill | 2019-20 | 8200 | Working | ASCI |
| Garden pipe | 2018-19 | 1600 | Working | ICAR-ATARI, Kolkata |
| Trench hoe | 2018-19 | 480 | Working |
| Fauda | 2018-19 | 1040 | Working |
| Sickle | 2018-19 | 560 | Working |
| Rose cane | 2018-19 | 600 | Working |
| Plastic pot | 2018-19 | 660 | Working |
| Plastic tub | 2018-19 | 400 | Working |
| Plastic tray | 2018-19 | 600 | Working |
| Plastic sprayer 5lit | 2019-20 | 1400 | Working |
| Tarpaulin poly sheet | 2019-20 | 14000 | Working |
| Sprayer 16L -20no. | 2020-21 | 30000 | Working |
| Rose Can 10L -15no | 2020-21 | 4950 | Working |
| Maize Sheller – 15no. | 2020-21 | 1650 | Working |
| Improved Sickle – 15no. | 2020-21 | 2400 | Working |
| Kurahdi | 2024-25 | 800 | Working |  |

1.8. DetailsofSAC meeting\* conducted in the year

**PROCEEDINGS OF THE 28TH SCIENTIFIC ADVISORY COMMITTEE MEETINGOF KVK, BALASORE**

The **28th** Scientific Advisory Committee (SAC) Meeting of KVK, Balasore was held on 08.11.2024 in the Conference Hall of KVK under the Chairmanship of Prof. P.J Mishra, Dean, DEE, OUAT, Bhubaneswar through physical & virtual mode.

The meeting was started at 10.30AM with a warm welcome to all the SAC members by Sr. Scientist & Head. Then Prof. P.J. Mishra, Dean, Directorate of Extension, DEE, OUAT, Bhubaneswar briefed the objective & importance of the SAC meeting for the better functioning of KVK and started the programme as per the agenda. Dr. KalyanSundar Das, Principal Scientist, ICAR-ATARI, Kolkata & Dr. P.K. Mohanty, Joint Director (Video Project), DEE, OUAT, BBSR delivered introductory remarks on the activities of KVK, Balasore

**Agenda-I: Action taken report on the proceedings of the last SAC meeting:**

Senior Scientist & Head presented the **Action Taken Report** by KVK, Balasore on therecommendation of the 27th SAC conducted on 28.12.2023as mentioned below.

**Action Taken Report on Recommendation of the 27th SAC Meeting held on 28.12.2023**

|  |  |
| --- | --- |
| **Recommendations** | **Action Taken** |
| **Demonstration of flood tolerant paddy varieties** | * 02 nos. of training (60nos. Trainees M-42, F-18) conducted at NM Padia, Bhograi &Ektali, Jaleswar during 2024 * 01 no of OFT on Climate smart variety (CR Dhan 801 & CR Dhan 802) was conducted (07 No. farmers) at Gopinathpur, Badas, Gadasahi * Demonstration on Flood tolerant paddy var. BinaDhan 11, Swarna Sub 1 , CR Dhan1009 sub1 (Area – 25ha, Farmer – 111no.) – Ambulakuda, Gadasahi, Pantei&Tahalia |
| **Popularization of CRIJAF sona for jute retting for jute quality improvement** | * 01 no. of training (30trainee M-14, F-16) and 02nos. of demonstration were conducted (35 nos. beneficiaries M-11 F-24) for jute retting by use of CRIJAF Sona microbial culture * 02 no. awareness–cum-training programme conducted-150 nos. of farmers (M-82, F-68) collaboration with Jute Research Station, Kendrapara * one field day programme (60 nos. farmers M-27, F-23) on Jute retting through use of CRIJAF Sona microbial culture |
| **Animal health camp & awareness prog. on vaccination & AI to be conducted** | * 02nos. Animal Health Camp conducted at Dhobsila, Nilgiri on 12.03.2024 &Kainagari, Basta on 30.10.2024 * 808nos. (small -530 & large-278) animals treated * Animal health camp conducted in convergence with veterinary dept. |
| **Training on Value added product preparation & Mushroom cultivation for entrepreneurship development** | * 01no. Training (03days) on Value addition of Millet conducted – 20nos. WSHG member * 01no. Training on Value addition of fish & prawn conducted on 19.1.2024 at Sahabajipur, Bhograi (Trainee -30 F) * 02no. Skill training (05days each) on “Mushroom cultivation for income generation” conducted at KVK campus (60nos. M-26, F-34) – 100days action plan * 01no training conducted (5.1.2024) on “Recent technologies for mushroom & Spawn production”- 30nos. Mushroom & spawn growers (M-24, F-6) (convergence with CTMRT, OUAT) * 01no. Training on value addition of milk conducted by TATA steel Foundation in collaboration with KVK, Balasore at Pratappur (30nos. WSHG members) |
| **Ornamental fishery, Bio-floc& composite fish culture to be popularized** | * 01no. Skill Training (5days) on “Ornamental Fish Culture” conduced at KVK under 100day AP (30nos. Trainee: M-11, F-19). * 03nos. of F/W training conducted on composite fish culture, feeding management at Bagharmari, Tina and Nahanjara village (90 Trainees: M-38, F-52) * FLD on Amur carp conducted under SCSP prog. (Village-Tina, Kalaroi, Katisahi, Kamarda - 10nos. SC Farmers) * OFT on Bio-floc conducted at Bhitarabrahmatar, Dagara, Bhanreswar including 07nos. farmer * Demonstration on ornamental fish culture under SCSP will be conducted by ICAR-CIFRI, Barrackpore in collaboration with KVK, Balasore – 05WSHG groups |
| **Popularization of natural farming technologies through awareness & demonstration** | * 02 nos. of demonstration during Rabi, 2023-24 & 06 nos. of demonstration during Summer, 2024 conducted at Ektali (Jaleswar) - 06nos. of farmers. * 06 nos. of skill development training (240 nos. participants, M-151, F-89) and 11 nos. of awareness programme (615 nos. participants) including organizing folk dance programme and exposure visit * 02 nos. of field day (100 nos. farmers, M-78 F-22) also conducted for large scale adoption of natural farming practices. * 500 nos. of booklets and 3000 nos. of pamphlets on natural farming printed & distributed |
| **Popularization of kitchen garden through round the year demonstration & through print media** | * 02nos. Training conducted at Nalabahar&Tadada – 60nos. Farm women * 02no FLD conducted at Mala &Mandagan – 35nos. Farm women . |
| **Improved technologies of pulses and oilseed should be popularized in Rice fallow area** | * FLD on Black gram var. PratapUrd 1 with INM conducted under SCSP during Rabi 2023-24 ( Pathadurga, Basta-2.0ha-12nos.Farmer(M-12) Avg. Yield – 8.2q/ha * OFT on Nutrient Management in Greengram conducted during Rabi, 2023-24 at Khalmuhani & Basulidiga – 2.0ha – 10nos. Farmer – TO2 Yield – 7.9q/ha * Demonstration on Use of bioconsortia in Rapeseed conducted (area-2.0ha, 10nos. Farmer- Bhanreswar – Yield 7.7q/ha) * CFLD Oilseed in Sesamum var. Smarak with improved package of practices conducted during Summer 2024 ( Tadada-10ha-25nos.Farmer) – Yield 7.6q/ha |
| **Strengthening of FPOs activity by KVK in convergence with line dept.** | * 04nos. Training (110nos. FPO member) FPO Management, Market led extension, Paddy seed production and Rearing of Poultry bird conducted for Subarnarekha FPO, Bhanreswar and Swastikrupa Farmer Producer Cooperative Society Limited * 01 training programme for Board of Directors on FPO Management and Business plan collaboratively conducted by NIGAM NGO , NABARD and KVK * Technical support to Bhanreswar FPO (paddy & mustard), Nilachakra & Darubrahma (Betel vine, Arecanut), DNC FPO (Milk product, Azolla & vermicompost production), Basta FPCL (Fishery) provided * 01no. Workshop on centre of Excellence for FPOs under OUAT conducted on 1.10.2024 at Baliapal (100 no. of FPO members and 10 no. of line dept. official ) |
| **Demonstration of Kuroiler poultry breed & Khaki Campbell duckling should be conducted** | * 02nos. FLD on poultry breed Kuroiler conducted - involving 34 beneficiaries at Gadasahi, Baghamari& Saudi. * 01no. FLD on Duckling breed Khaki Campbell conducted – 15nos (M-15) at Jamatkula& Saudi. * 01no. training “Rearing of improved poultry birds in backyard” conducted at Baghamari, Jaleswar (30nos. Farmer M-13 F-17) |

**Agenda-II: Achievements made by KVK**

The Sr. Scientist & Head presented the achievements for the year Rabi, 2023-24 & Kharif, 2024

**Training:**

* KVK has conducted 33 nos. training programmes for practicing farmers and farm women (990nos. trainees), 07nos. for rural youth (200nos. trainees) and 02nos. for extension functionaries (40nos. trainees), 05nos. Vocational (99nos. trainees), 04nos. of Natural farming training (160nos. trainees) during 2023-24
* KVK has conducted 41 nos. training programmes for practicing farmers and farm women (1230nos. trainees), 08nos. for rural youth (160nos. trainees) and 04nos. for extension functionaries (80nos. trainees), Natural Farming (02nos.-40nos.) & RPL Training (01no.-40nos.) during April-October, 2024.

**On farm testing (OFT):**

KVK has conducted OFTs (05nos. during Rabi, 2023-24) & (04nos. during Kharif, 2024)

**SALIENT ACHIEVEMENTS OF MAJOR OFTS**

**Rabi, 2023-24**

* **Assessment of Nutrient Management in seed yield of Green gram** - conducted in 2.0ha area involving 07nos. of farmers at Khalmuhani (Baliapal). & Basulidiga (Basta). Highest yield 7.9q/ha obtained from TO2 i.e. STBFR(NPK-15:40:40kg/ha) + (WSF NPK (18:18:18) @ 2% + 0.5% ZnSO4) spray at pre-flowering and pod initiation
* **Assessment of growth performance of different species in bio-floc system** - conducted in involving 07nos. of fish farmers at Baliapal & Remuna. Highest yield of 345kg/m3 obtained from TO1:Stocking of all male tilapia fingerlings @ 100 per m3
* **Assessment of Tomato varieties for preparation of tomato puree**- conducted involving 10nos. of WSHG member at Kumbhari. Highest yield 3.5 kg/10 kg tomato obtained from **TO1:** Preparation of Tomato Puree (Tomato pulp and spices, salt, sugar and vinegar, with or without onion and garlic, and contains not less than 12 per cent tomato solids and 25 per cent total solids) Tomato Var.-A. Apeskhya

**Kharif, 2024**

* **Assessment of growth promoters for maximizing carp fry yield in nursery tank:** - conducted in involving 07nos. of farmers at Katisahi. Highest yield 28.81lakhs no./ha obtained from **TO1**: Use of Manganoussulphate and Cobaltous chloride each at a dose of 0.01mg per spawn per day (Incorporated with powdered feed)
* **Assessment of Effect of foliar spray of Water Soluble Fertilizer in rice:-**conducted in 2.0ha area, involving 10nos. of farmers at Bhanreswar &Ektali. TO1: STBFR (NPK-60:40:40kg/ha) + Sulphur 25kg/ha **TO2**: STBFR (NPK-60:30:40kg/ha) + Zn (15kg/ha) + B (10kg/ha)+ Foliar spray of water soluble fertilizer (NPK-19-19-19) @ 2% at 21 DAT and 42 DAT. Crop is at hard dough stage
* **Assessment of rice variety for semi deep water condition:-**conducted in 0.5ha area, involving 07nos. of farmers at Kirtania, NMPadia&Bishnupur. Crop is at booting stage
* **Assessment different Supplementation for enhance plankton production in *L. vannamei pond:-***conducted in involving 07nos. of farmers at Kirtania. TO1: Use of Rice bran (20kg), Molasses (5 kg) and yeast powder (200gm) in 50 L water and kept for 48 hr with constant aeration and apply in pond 20 lit per acre TO2: Use of fish-waste (CIBA-Plankton Plus) @ 30 PPM to boost the plankton production Continuing (Harvesting stage)

**Front Line Demonstration (FLD):**

KVK has conducted FLDs (08nos. during Rabi, 2023-24) & (05nos. during Kharif, 2024)

**SALIENT ACHIEVEMENTS OF MAJOR FLDS**

**Rabi, 2023-24**

* **Demonstration of Amur carp for increasing fish production in poly-culture system -** conducted involving 10nos. of farmers at Bhanreswar, Tina, Birapalia, Kirtania. Highest yield of 44.95 q/ha obtained from “Stocking ratio Catla: Rohu : Mrigal :Amur carp :: 30:40:15:15”
* **Demonstration on Use of CIFRI Argcure (TANDAV) for controlling Argulus in Poly-culture system -** conducted in 4.0ha area, involving 10nos. of farmers at Bhitarabrahmmattr&Sahada. Highest yield 43.28q/ha obtained from “Application of CIFRI Argcure @ 100 ml per ha pond control Argulus in composite fish culture pond”
* **Demonstration of application of bioconsortia in Rapeseed-** conducted in 2.0 ha area, involving 10 nos. of farmers at Bhanreswar. Highest yield 7.7q/ha obtained from “STBFR N-P2O5-K2O @ 38:25:25kg/ha + Use of bioconsortia (Azotobacter, Azospirillum& PSB) at 1:1:1 ratio @ 4kg/ha incubated in 300kg compost”.
* **Demonstration of nutritional garden for Improving Nutritional Security of farm family-** conducted involving 10 nos. of farm women at Mala, Remuna. Highest yield 400g/day obtained from the demo.
* **Demonstration in brooding management in day old chicks-** conducted involving 10 nos. of farm women at Tina, Remuna. Highest Net return of Rs 2530/- from 100nos. day old chicks due to 2% mortality in the recommended practice.
* **Demonstration on installation of fogger in mushroom production unit for humidity management –** conducted at Chaumukh, Baliapal involving 02nos. of beneficiary. 750g mushroom yield per bed obtained from the demonstration.
* **Demonstration of the effectiveness of short technology videos on technology adoption –** conducted at Gadasahi, Raidhenk& Saudi involving 30nos. of farmers. 83.33% of effectiveness recorded from the recommended practice.
* **Demonstration of usefulness of crop calendar (Groundnut ) for improving the technical knowledge of farmers and application of technology:** 76.67 % of adoption of technology recorded from the demonstration.

**Kharif-2024**

* **Demonstration of finger millet var. Arjun-**conducted in 2.0ha area, involving 10nos. of farmers at Narasinghpur, Podasul (Nilgiri). Crop is at maturity stage.
* **Demonstration of herbicide for transplanted rice:-**conducted involving 10nos. of farmers at Narayanpur, Gadasahi. Application of systemic broad spectrum herbicide Cyhalofop butyl 5.1 % + Penoxsulam 1.02 % @ 135g/ha at 15-20DAT demonstrated. Crop is at hard dough stage
* **Demonstration of stunted Fingerlings production by WSHGs:-**conducted involving 05nos. of WSHG members at Asti, Baghamari, Saudi, Sanakhudi. Advance fingerling stage

**CLUSTER FRONTLINE DEMONSTRATION (CFLD) – Summer, 2024**

* Cluster Frontline Demonstration in Sesamum – conducted in 10ha area, -involving 25nos. farmers of Tadada, Basta. 7.6q/ha yield obtained from Sesamum var. Smarak with improved package of practices.

**OTHER EXTENSION ACTIVITIES:**

During Kharif, 2024, other extension activities like Kisan Mela (03/600nos. farmer), Awareness prog (02/100nos.), Workshop (01/100nos.), Special day celebration (09/520nos.), Animal health camp (01/85nos.), 100day action plan activities (09nos./290nos.), Soil testing (244nos/425nos. SHC), Swachhata activity (07nos/360nos.) & KMA (30nos/53720nos.) conducted.

**PLANTING MATERIALS PRODUCED**

During Kharif 2024, 55443nos. of seedlings of Drumstick, Tomato, Brinjal, Chilli, Onion, Cauliflower, Cabbage &Knolkhol, 1160nos. of mushroom spawn bottle, 1200nos. of chicks, 5.2q vermicompost, 12kg earthworm, 26kg Mushroom has been produced & supplied to the farming community.

**Agenda-III: Action plan of KVK**

The Sr. Scientist & Head presented the action plan of KVK for the year 2025-26. 12nos. of OFTs, 16nos. of FLDs, 59nos. of trainings for farmers and farm women, 17 nos. for rural youths and 10nos. for extension functionaries formulated for this period were discussed.

**Agenda-IV: Constraints of KVK**

The Sr. Scientist & Head presented the constraints of KVK and drew kind attention of the Chairman and members of the house on the following points.

* Requirement of S.O.
* New Farmers hostel required
* Fund required for maintenance demo unit
* New peon-cum-watchman required

**Agenda-V: Interaction with SAC member**

All the SAC members put forth their suggestions based on the issues of agriculture & allied sector in Balasore district for better functioning & future activities of KVK. The suggested the points are listed below:

1. Scientist of Horticulture & Animal science may be appointed.
2. Screening of new pulse varieties to be taken up in crop cafeteria.
3. Popularization of fodder & Azolla cultivation among farmers.
4. Nutrified rice/ flood tolerant varieties/deep water rice varieties should be assessed.
5. Promotion of value addition in millet among WSHG members should be done.
6. Backyard poultry with dual purpose poultry breed should be promoted.
7. Value addition of oyster mushroom should be assessed.
8. Popularization of marigold cultivation for promoting commercial floriculture.
9. Popularization of IMC with mola culture and crab farming.
10. Promotion of Integrated farming System.
11. Training & awareness programme on organic farming & ITK should be conducted.
12. Animal health camp like deworming camp etc. should be conducted.
13. Training & awareness on ornamental fish/prawn cultivation.
14. Popularization of bio-fertilizer through awareness/training/demonstration.
15. Training & Exposure visit of WSHG members in convergence with Mission Shakti.
16. Promotion of use of farm machineries in agricultural crops of the district.
17. Technical guidance & strengthening of FPOs of the district.
18. Improved technologies in oilseed crops should be demonstrated.

KVK newsletter “The Shyamala” is inaugurated by the dignitaries.

The meeting was concluded at 2.30PM with a warm vote of thanks by Dr. Amita rani Patra, Scientist (Home Sc.).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.No. | Date | Number of Participants | Salient Recommendations | Action taken | If not conducted, state reason |
| 1. | 8.11.2024 | 30 | 1. Scientist of Horticulture & Animal science may be appointed.  2. Screening of new pulse varieties to be taken up in crop cafeteria.  3. Popularization of fodder & Azolla cultivation among farmers.  4. Nutrified rice/ flood tolerant varieties/deep water rice varieties should be assessed.  5. Promotion of value addition in millet among WSHG members should be done.  6. Backyard poultry with dual purpose poultry breed should be promoted.  7. Value addition of oyster mushroom should be assessed.  8. Popularization of marigold cultivation for promoting commercial floriculture.  9. Popularization of IMC with mola culture and crab farming.  10. Promotion of Integrated farming System.  11. Training & awareness programme on organic farming & ITK should be conducted.  12. Animal health camp like deworming camp etc. should be conducted.  13. Training & awareness on ornamental fish/prawn cultivation.  14. Popularization of bio-fertilizer through awareness/training/demonstration.  15. Training & Exposure visit of WSHG members in convergence with Mission Shakti.  16. Promotion of use of farm machineries in agricultural crops of the district.  17. Technical guidance & strengthening of FPOs of the district.  18. Improved technologies in oilseed crops should be demonstrated |  |  |

*\* Salient recommendation of SAC in bullet form*

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

**LIST OF MEMBERS ATTENDED THE 28TH SCIENTIFIC ADVISORY COMMITTEE MEETINGON 08.11.2024**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Name** | **Designation and Address** | **Remarks** |
|  | Prof. P.J. Mishra | Dean, DEE, OUAT | (Virtual) |
|  | Dr. P.K. Mohanty | JDE (VP), DEE, OUAT | Chairman |
|  | Dr. K. S. Das | Principal Scientist, ATARI-Kolkata | Member |
|  | Dr. S.D. Mohapatra | Principal Scientist & Head, Crop protection, ICAR-NRRI, Cuttack | Member (Virtual) |
|  | Dr. UtkalikaNaik | Scientist (Agronomy), RRTTS, Ranital, Bhadrak | Member |
|  | Sj. Lalxman Murmu | CDAO, Balasore | Member |
|  | Dr. Debendra Kumar Solanki | CDVO, Balasore | Member |
|  | Dr. Ranjan Kumar Das | ADVO (LP) O/O CDVO, Balasore | Member |
|  | Jitendra Kumar Behera | DFO, Balasore | Member |
|  | Sj. Tapas RanjanPradhan | DDM, NABARD | Member |
|  | Sj. KaritickchNayak | DPC Mission Shakti-cum DPM, OLM | Member |
|  | Sj. SubratMahakud | Director, RSETI | Member |
|  | Sj. Ramachandra Murmu | ACF, Wildlife, O/O DFO,Balasore | Member |
|  | Sj. MotiSaha | LDM, Balasore | Member |
|  | Sj. Jayananda Jena | AEE(MI), Basta | Member |
|  | Smt. Arati Sahu | Women Farmer (Basta) | Member |
|  | Smt. ManjuraniKar | Women Farmer (Jaleswar) | Member |
|  | Sj. SukumarSamanta | Progressive Farmer, Baliapal | Member |
|  | Sj. BhubanPramanik | Progressive Farmer, Bhograi | Member |
|  | Dr. S.K. Mohanty | Sr. Scientist & Head, KVK, Bhadrak | Invitee |
|  | Dr. S. Pattnayak | Scientist, KVK, Mayurbhanj I | Invitee |
|  | SjPramod Patra | Head, SR, Tata steel foundation | Invitee |
|  | Dr Swagatika Sahoo | Sr. Scientist & Head, KVK Balasore | Convenor |
|  | Dr. Kamalakanta Behera | Scientist (Ag. Extension), KVK Balasore | Participant |
|  | Dr. Pravamanjari Giri | Scientist (Agronomy), KVK Balasore | Participant |
|  | Dr. Amitarani Patra | Scientist (Home Sc.), KVK Balasore | Participant |
|  | Dr. AmitJyotiMajhi | SMS (Ag. Engineering), KVK Balasore | Participant |
|  | Niroj Kumar Jena | Prog. Asst. (Seed Sc.), KVK Balasore | Participant |
|  | Lakshmikant Murmu | Farm Manager, KVK Balasore | Participant |
|  | RaghunathSoren | PA Computer, KVK Balasore | Participant |

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

|  |  |  |
| --- | --- | --- |
| Sl. no. | Item | Information |
| 1 | Major Farming system/enterprise | Rice-Oilseeds-Vegetables |
| 2 | Agro-climatic Zone | North Eastern Coastal Plain Zone |
| 3 | Agro ecological situation | Alluvial rain-fed |
| 4 | Soil type | Alluvial, Red lateritic, Saline |
| 5 | Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others | Paddy – 2.48, Groundnut – 2.23, Green Gram -0.52, Brinjal- 16.79, Banana – 18.51 |
| 6 | Mean yearly temperature, rainfall, humidity of the district | Max. 36.10C, Min. 13.70C, 1568.4mm, 75% |
| 7 | Production of major livestock products like milk, egg, meat etc. | Milk - 4,45,872 liters/day, Egg- 32987456nos.,Meat- 18189 MT |

Note: Please give recent data only

| Sl.  No. | Name of Taluk | Name of the block | Name of the villages | Major crops & enterprises | Major problems identified (crop-wise) | Identified Thrust Areas |
| --- | --- | --- | --- | --- | --- | --- |
|  | Balasore | Bhograi | Kirtania | Paddy, Groundnut, Pisciculture | Low yield in paddy & groundnut, Low fish Production | * Diversified cropping pattern * Integrated nutrient management * Feed management in fish pond |
|  | Balasore | Jaleswar | Ektali | Paddy, Toria, Vegetables | Adoption of local varieties of rice, low yield of Tomato &mustard, | * INM in Paddy * INM in Tomato * Natural Farming |
|  | Balasore | Baliapal | Bhanreswar | Paddy, Toria, Vegetables, | BPH in Paddy, Low yield in Toria&Desi poultry &duckery breed | * INM in Paddy &Toria * New Variety of Toria * Poultry breed Kuroiler |
|  | Balasore | Remuna | Tina | Paddy, Vegetables, Pisciculture | Low yield in vegetables, Low Yield in Pulses & Paddy | * Tomato var. ArkaRakshyak * Introduction of nutri-garden |
|  | Balasore | Basta | Pathadurga | Paddy, Pulses, Poultry | Adoption of local varieties of rice, Low yield in pulses, desi poultry breed | * Introduction of new paddy variety * INM in Black gram * Poultry breed Kuroiler |

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

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2023) for its development and action plan

|  |  |  |
| --- | --- | --- |
| Name of village | Block | Action taken for development |
| Kirtania | Bhograi | Training, OFT, Method demonstration |
| Bhanreswar | Baliapal | Training OFT, FLD, Exposure visit, Other extension activity |
| Tina | Remuna | Training, OFT, FLD |
| Pathadurga | Basta | Training, FLD |
| Ektali | Jaleswar | Training, OFT, FLD, Natural Farming, |
| Saudi | Baliapal | Training, FLD |
| Chaumukh | Baliapal | Training, OFT, FLD Awareness Programme, Natural Farming, Other extension activity |
| Tadada | Basta | Training, FLD, Field Day |
| Sahada | Basta | FLD, Animal Health Camp |

2.1 Priority thrust areas

|  |  |
| --- | --- |
| **Sl. No** | **Thrust area** |
| 1. | Early, medium, flood tolerant, protein rich high yielding rice varieties. |
| 2. | High yielding oilseeds cultivation technology. |
| 3. | Integrated Nutrient management in Pulse crops |
| 4. | Commercial cultivation of coconut, banana, papaya and hybrid vegetables |
| 5. | Adoption of mushroom cultivation, beekeeping , vermi-compost &pisciculture |
| 6. | Encourage organization of farmers/farmwomen & popularization of power plough, seed drills, inter culture and harvesting implements. |
| 7. | Integrated insect pest and disease management practices. |
| 8. | Profitable betel vine & Jute cultivation. |
| 9. | Artificial insemination and broiler poultry farming. |
| 10. | Intensive fish and fresh water prawn culture. |
| 11. | Natural Farming |
| 12. | Technical support to FPOs/WSHGs/PGs |
| 13. | Diversified cropping pattern |

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 |
| **10** | **9** | **242** | **50** | **0** | **0** | **0** | **171** | **14** | **221** | **14** | **235** | **16** | **15** | **242** | **75** | **6** | **12** | **1** | **133** | **35** | **228** | **36** | **256** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |
| **70** | **74** | **2100** | **476** | **402** | **16** | **26** | **579** | **674** | **1078** | **1032** | **2160** | **96** | **118** | **4000** | **876** | **694** | **33** | **27** | **1616** | **1424** | **2525** | **2145** | **4567** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |
| **190** | **199** | **87** | **37** | **1** | **0** | **39** | **35** | **127** | **72** | **199** | **4000** | **5920** | **1750** | **930** | **210** | **120** | **1850** | **1060** | **3810** | **2110** | **5920** |

|  |  |  |  |
| --- | --- | --- | --- |
| Seed production (q) | | Planting material (in Lakh) | |
| Target | Achievement | Target | Achievement |
| **2.0** | **3.2** | **1.0** | **1.02** |

|  |  |  |  |
| --- | --- | --- | --- |
| Livestock strains and fish fingerlings produced (in lakh)\* | | Soil, water, plant, manures samples tested (in lakh) | |
| Target | Achievement | Target | Achievement |
| 0.02800 | 0.03019 | 0.00500 | 0.00455 |

* \* Give no. only in case of fish fingerlings

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 3 | Mass | 3 | 6.80 | - | - | - |
| Seminar/conference/ symposia papers | 1 | Mass | - | - | - | - | - |
| Books | - | - | - | - | - | - | - |
| Bulletins | - | 0 | - | - | - | - | - |
| News letter | 1 | 500 | - | - | - | - | - |
| Popular Articles | 1 | Mass | - | - | - | - | - |
| Book Chapter | 1 | Mass | - | - | - | - | - |
| Extension Pamphlets/ literature | 4 | 1800 | - | - | - | - | - |
| Technical reports | 5 | 60 | - | - | - | - | - |
| Electronic Publication (CD/DVD etc) | 8 | Mass | - | - | - | - | - |
| TOTAL | **24** |  |  |  |  |  |  |

3.1 **Achievements on technologies assessed and refined**

**OFT-1**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of rice variety for semi deep water condition** |
| 2. | Problem diagnosed | Low productivity from semi deep water ecology |
| 3. | Details of technologies selected for **assessment**  (Mention either Assessed or Refined) | TO-I: Cultivation of OUAT Kalinga 1501 (short bold grain type with the average yield of 42.8 q/ha, 155 days duration and suitable for the semi-deep lowland)  TO-II: Cultivation of OUAT Kalinga 1502 (short bold grain type with the average yield of 47.1 q/ha, 155 days duration and suitable for the semi-deep water and lowland) |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Technology option-I (TO-I): OUAT, 2022  Technology option-II (TO-II): OUAT, 2022 |
| 5. | Production system and thematic area | Rain-fed lowland, Rice-Green gram, Varietal evaluation |
| 6. | Performance of the Technology with performance indicators | Height of standing water, nos. of tillers/m2, plant height, panicle length, test weight, gross cost, net profit, bc ratio |
| 7. | Final recommendation for micro level situation | Cultivation of OUAT Kalinga 1502gave 41.25 % increase in yield over the farmers variety Mugi where there was submergence over a period of 1 week |
| 8. | Constraints identified and feedback for research | These submergence tolerant rice cultivars gave higher yield in semi deep water condition |
| 9. | Process of farmers participation and their reaction | Farmers are actively participated and were enthusiastic to take the new variety for the sequential flood occurrence in the same field |

*Thematic area: Varietal Evaluation*

Problem definition: **Low productivity from semi deep water ecology**

Technology assessed: Assessment of climate smart rice cultivar

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/hill | No. of spikelet per panicle | Test wt. (100 grain wt.) |
| FP | 07 | 7.5 | 189 | 19.1 | 25 | 28.6 | 42000 | 71500 | 29500 | 1.70 |
| TO1 | 07 | 10.7 | 201 | 21.3 | 15 | 38.3 | 42500 | 80430 | 37930 | 1.89 |
| TO2 | 07 | 11.2 | 209 | 21.9 | 13 | 40.4 | 42500 | 84840 | 42340 | 1.99 |

Results: Cultivation of OUAT Kalinga 1502increase the grain yield by 41.25 % as compare to the farmers existing variety

**OFT-2**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of Effect of foliar spray of Water Soluble Fertilizer in rice** |
| 2. | Problem diagnosed | Low yield due to Improper use of fertilizer, no foliar use of WSF/Micronutrient |
| 3. | Details of technologies selected for **assessment**  (Mention either Assessed or Refined) | **Assessment**   1. Farmers Practice (FP): Application of N-P2O5-K2O @ 80:40:40kg/ha 2. Technology option-I (TO-I): STBFR (N-P2O5-K2O @ 60:40:40kg/ha + Sulphur (90%)@ 25kg/ha 3. Technology option-II (TO-II): STBFR (N-P2O5-K2O @ 60:40:40kg/ha + Sulphur (90%)@ 25kg/ha + Foliar spray of water soluble fertilizer (NPK-19-19-19) @ 2% at 21 DAT and 42 DAT |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | **RRTTS, Ranital, 2021-22** |
| 5. | Production system and thematic area | Rice based production system, Nutrient Management |
| 6. | Performance of the Technology with performance indicators | No. of effective tillers /hill, Grain yield (q/ha), B:C Ratio |
| 7. | Final recommendation for micro level situation | TO-II: Foliar spray of water soluble fertilizer (NPK-19-19-19) @ 2% at 21 DAT and 42 DAT along with STBFR resulted in higher yield |
| 8. | Constraints identified and feedback for research | Yellowing of leaves along with dark spot in leaves after 1st spray recorded during the trial |
| 9. | Process of farmers participation and their reaction | Farmers are actively participated and were enthusiastic about the use of WSF in Paddy due to higher crop growth & yield along with reduced fertilizer usage. |

*Thematic area: Varietal Evaluation*

Problem definition: Yield loss due to both submergence and drought prevailing during the same cropping season

Technology assessed: **Assessment of Effect of foliar spray of Water Soluble Fertilizer in rice**

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/hill |
| FP | 10 | 8.7 | 55 | 42.6 | 49000 | 85200 | 36200 | 1.73 |
| TO1 | 10 | 11.2 | 35 | 48.8 | 51500 | 97600 | 46100 | 1.89 |
| TO2 | **10** | **13.6** | **20** | **53.4** | **54500** | **106800** | **52300** | **1.95** |

Results: Foliar spray of water soluble fertilizer (NPK-19-19-19) @ 2% at 21 DAT and 42 DAT along with STBFR resulted in 25.35% higher yield than farmers’ practices. Also saving of 20kg N per ha due to Soil test based fertilizer application

**OFT-3**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of Nutrient Management in Green gram for higher seed yield** |
| 2. | Problem diagnosed | Low yield due to Improper use of fertilizer, no foliar use of WSF/Micronutrient |
| 3. | Details of technologies selected for **assessment** | **Assessment**   1. Farmers Practice (FP): Application of N-P2O5-K2O @ 20:40:40kg/ha, 100 % N (as conventional urea application), P and K 2. Technology option-I (TO-I): STBFR@ N-P2O5-K2O @ 15:30:30 kg/ha + foliar NPK (19:19:19) @ 2% spray at pre-flowering and pod initiation 3. Technology option-II (TO-II): STBFR@ N-P2O5-K2O @ 15:30:30 kg/ha + Foliar spray of nutrients, NPK (18:18:18) @ 2% + 0.5% ZnSO4spray at pre-flowering and pod initiation |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | TO-I: AICRP on MULLaRP, 2018-19  TO-II:- AICRP on MULLaRP, 2021-22 |
| 5. | Production system and thematic area | Pulse based production system, Nutrient Management |
| 6. | Performance of the Technology with performance indicators | No. of pods/plant, 1000 grain weight (g), Pod yield (q/ha), B:C Ratio |
| 7. | Final recommendation for micro level situation | TO-II: STBFR@ N-P2O5-K2O @ 15:30:30 kg/ha + Foliar spray of nutrients, NPK (18:18:18) @ 2% + 0.5% ZnSO4spray at pre-flowering and pod initiation |
| 8. | Constraints identified and feedback for research | Trial of WSF with other micronutrient & growth promoters should be assessed |
| 9. | Process of farmers participation and their reaction | Farmers are actively participated and were enthusiastic about the use of WSF in Green gram |

*Thematic area: Nutrient Management*

Problem definition: Low yield due to improper use of fertilizer, no foliar use of WSF/Micronutrient

Technology assessed: **Nutrient Management in Green gram**

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 Pods/Plant | No. seeds/pod | (100 seed wt.) |
| FP | 10 | 13.3 | 6.7 | 3.3 | 45 | 6.3 | 21000 | 37800 | 16800 | 1.80 |
| TO1 | 10 | 18.5 | 8.5 | 4.1 | 36 | 7.8 | 25180 | 46800 | 21620 | 1.85 |
| TO2 | **10** | **22.9** | **9.1** | **5.2** | **29** | **8.8** | **24200** | **52800** | **28600** | **2.18** |

**Results:** Highest no. of pods/plant (22.9) & Yield (8.8q/ha) recorded fromSTBFR@ N-P2O5-K2O @ 15:30:30 kg/ha + Foliar spray of nutrients, NPK (18:18:18) @ 2% + 0.5% ZnSO4spray at pre-flowering and pod initiation

**OFT-4**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of value added products from oyster mushroom for income generation** |
| 2. | Problem diagnosed | Low income from selling of raw oyster mushroom |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | **Details of Technology** -  TO1: Preparation of mushroom soup powder (Preparation of mushroom soup powder Fresh mushroom 125 g, corn flour 50 g, milk powder 25 g, salt 8 g, sugar 3 g, black pepper 2 g, Oregano-2 g)  TO2- Preparation of mushroom soup mix. It is developed with 30% oyster mushroom powder, 30% corn flour, 25% milk powder, 8% salt, 3% sugar, 2% black pepper and 2% oregano. This soup mix has to be boiled for 2 minutes with 14 times quantity of water for preparation of good quality mushroom soup with characteristic aroma and taste. |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | **TO1-AICRP on Mushroom, Annual Report, OUAT, 2020-21)**  TO2-**-** ICAR-DMR Solan 2020(*dmrsolan.icar.gov.in*) |
| 5. | Production system and thematic area | Women empowerment through Value production |
| 6. | Performance of the Technology with performance indicators | TO1-500 gram mushroom soup powder was prepared from 1kg of oyster mushroom  TO2-450 gram mushroom soup mix powder was prepared |
| 7. | Final recommendation for micro level situation | Mushroom c soup powder is acceptable |
| 8. | Constraints identified and feedback for research | Marketing facilities are not plentily available ,linkage with Marketing agencies should be done |
| 9. | Process of farmers participation and their reaction | Women SHG members actively participated and were enthusiastic for preparation of mushroom soup mix for better income |

*Thematic area: Income generation through value addition*

Problem definition: low income from selling of raw oyster mushroom

Technology assessed: **value added products from oyster mushroom for income generation**

Table:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
| Shelf Life |
| FP | 07 | 2days | Yield/bed-1.5kg | 40/ bed | 60/- per bed | 20/- per bed | 1.4 |
| TO1 | O7 | 180days | 500 gram/ 1kg fresh mushroom | 25/-per 100 gram | 40/- per 100 gram | 15/- per 100 gram | 1.6 |
| TO2 | O7 | 180days | 450gram/ 1kg mushroom | 22/- per 100 gram | 30/- per 100 gram | 8/- per 100 gram | 1..37 |

**Result- mushroom soup powder is profitable and acceptable**

Good quality photographs of different treatments:

**OFT-5**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of Tomato varieties for preparation of tomato puree** |
| 2. | Problem diagnosed | **:** Distress sale, value addition in low |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | * + 1. Farmers Practice (FP): Distress sale of tomatoes, value addition in low pulp content tomatoes variety- Laxmi     2. Technology option-I (TO-I): Preparation of Tomato Puree (Tomato pulp and spices, salt, sugar and vinegar, with or without onion and garlic, and contains not less than 12 per cent tomato solids and 25 per cent total solids) Tomato Var.-A. apeskhya     3. Technology option-II:- Preparation of Tomato Puree (Tomato pulp and spices, salt, sugar and vinegar, with or without onion and garlic, and contains not less than 12 per cent tomato solids and 25 per cent total solids) Tomato Var.- A. Vishesh |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Source: Tomato Var.-IIHR Bangalore 2019 , Tomato Puree Technology- Community science college and research institute, Madurai) |
| 5. | Production system and thematic area | Tomato puree production |
| 6. | Performance of the Technology with performance indicators | TO1-3.3 kg tomato puree was prepared from 10 kg tomato variety A.vishesh  TO2-3.5 kg tomato puree was prepared from 10 kg tomatoes variety-A apakshya |
| 7. | Final recommendation for micro level situation | Arkaapakshya variety of tomato are suitable for value addition |
| 8. | Constraints identified and feedback for research | Seeds and seedlings of Suitable varieties - A.apakshya are not locally available |
| 9. | Process of farmers participation and their reaction | Members of WSGHsparticipated with satisfaction |

*Thematic area: Income generation through value addition*

Problem definition: low pulp recovery from tomato variety Laxmi

Technology assessed: FP-tomato puree preparation from Laxmi variety

TO1- Tomato puree preparation from Arkaapekshya

TO2-Tomato puree preparation from Arkavishesh

Table:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | Disease/ insect pest incidence (%) | Yield (kg puree From 10kg Tomato) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
| Shelf Life |
| FP | 07 | 6month |  | FP-3KG | 255 | 420 | 165 | 1.64 |
| TO1 | 07 | 6month |  | TO13.2 KG | 255 | 448 | 193 | 1.75 |
| TO2 | 07 | 6month |  | TO2-3.5 KG | 255 | 490 | 235 | 1.92 |

**OFT-6**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment different Supplementation for enhance plankton production in *L. vannamei pond*** |
| 2. | Problem diagnosed | Poor growth due to dietary intake |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | Assessed   * + 1. Farmers Practice (FP): Improper use of fermented product from Rice ban + gur and yeast powder pond     2. Technology option-I (TO-I): Use of Rice bran (20kg), Molasses (5 kg) and yeast powder (200gm) in 50 L water and kept for 48 hr with constant aeration and apply in pond 20 lit per acre     3. Technology option-II (TO-II): Use of fish-waste (CIBA-Plankton Plus) @ 30 PPM to boost the plankton production |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | TOI: College of Fisheries, Rangailunda, 2017  TO2: ICAR-CIBA, 2019 |
| 5. | Production system and thematic area | Shrimp-fish |
| 6. | Performance of the Technology with performance indicators | Survival rate, ABW (g), yield, Income |
| 7. | Final recommendation for micro level situation | (TO-II): Use of fish-waste (CIBA-Plankton Plus) @ 30 PPM to boost the plankton production |
| 8. | Constraints identified and feedback for research | Lack of awareness among the farmers regarding the use of latest technology |
| 9. | Process of farmers participation and their reaction | Farmers are actively participated in this programme& were satisfied with the results. |

Thematic area: Production and Management

Problem definition: Low Natural food (Plankton) production in brackish water pond

Technology assessed: **Assessment different Supplementation for enhance plankton production in*L. vannamei*pond**

Table:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
| % of Survivability |
| FP | 07 | 56.35 | 4.96 | 1087000 | 1587000 | 500000 | 1.46 |
| TO-I | 07 | 62.84 | 5.53 | 1152000 | 1769000 | 617000 | 1.53 |
| TO-II | 07 | 66.36 | **5.84** | **1175000** | **1869000** | **694000** | **1.59** |

Results: (TO-II): Use of fish-waste (CIBA-Plankton Plus) @ 30 PPM to boost the plankton production increases yield by 17.74% than FP with 194000 higher et return.

**OFT-7**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of growth promoters for maximizing carp fry survivability** |
| 2. | Problem diagnosed | Poor growth rate and low yield of fry in nursery pond |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | **Assessed**   * + 1. **Farmers Practice (FP):** Feeding only powdered feed rice bran : GNOC 1:1 ration     2. **Technology option-I (TO-I):** Use of Manganoussulphate and Cobaltous chloride each at a dose of 0.01mg per spawn per day (Incorporated with powdered feed) (ICAR-CIFA, 2013)     3. **Technology option-II (TO-II):** Use of commercially available yeast powder (*Saccharomyces cerevisiae*) at a dose of 0.05% of total powdered feed to be served daily (TNAU, 2019) |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | TO-I: ICAR-CIFA, 2013, TO-II: TNAU, 2019 |
| 5. | Production system and thematic area | Use of growth promoters |
| 6. | Performance of the Technology with performance indicators | ABW (g), TWS (g), Survivability (%) |
| 7. | Final recommendation for micro level situation | **Technology option-I (TO-I): Use of Manganous sulphate and Cobaltous chloride each at a dose of 0.01mg per spawn per day (Incorporated with powdered feed) (ICAR-CIFA, 2013)** |
| 8. | Constraints identified and feedback for research | Lack of awareness among the farmers regarding the use of latest technology |
| 9. | Process of farmers participation and their reaction | Farmers are actively participated in this programme& were satisfied with the results. |

Thematic area: Fry Production

Problem definition: Poor growth rate and low yield of fry in nursery pond

Technology assessed: **Assessment of growth promoters for maximizing carp fry survivability**

Table:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
| % of Recovery |
| FP | 07 | 31.60 | 23.73 | 208000 | 474600 | 266600 | 2.06 |
| TO-I | 07 | **38.42** | **28.81** | **223000** | **576200** | **353200** | **2.58** |
| TO-II | 07 | 35.86 | 26.89 | 214000 | 537800 | 323800 | 2.51 |

Results: Highest recovery &Yield is obtained through TO-I Use of Manganoussulphate and Cobaltous chloride each at a dose of 0.01mg per spawn per day (Incorporated with powdered feed)

**OFT-8**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of effectiveness of different extension methods to access information on different crop production** |
| 2. | Problem diagnosed | Poor accessibility to accurate and timely information on technical knowledge/advisory in different production system |
| 3. | Details of technologies selected for **assessment**  (Mention either Assessed or Refined) | **FP**- Farmers getting information from Peer group,Input dealers,Extension functionaries,Mass media and KMA  **TO1**- FP + Short Video Lecture+ Focus Group discussion  **TO2**-FP + Using of ”Xpert” App |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) |  |
| 5. | Production system and thematic area | Rice -Vegetables, IT |
| 6. | Performance of the Technology with performance indicators | Timely Availability / delivery of technology, suitability of technology, ease in handling the extension method, retention and retrieval of information |
| 7. | Final recommendation for micro level situation | continuing |
| 8. | Constraints identified and feedback for research | - |
| 9. | Process of farmers participation and their reaction |  |

*Thematic area:* IT

Problem definition: Poor accessibility to accurate and timely information on technical knowledge/advisory in different production system

Technology assessed: To assess the effectiveness of different Extension methods to access information on different crop production

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/hill | No. of spikelet per panicle | Test wt. (100 grain wt.) |
| FP | 90 |  |  |  |  |  |  |  |  |  |
| TO1 | 90 |  |  |  |  |  |  |  |  |  |
| TO2 | 90 |  |  |  |  |  |  |  |  |  |

Results: Continuing

**OFT-9**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of point of discontinuance in rice fallow management** |
| 2. | Problem diagnosed | Discontinuance of Govt. programme in rice fallow management |
| 3. | Details of technologies selected for **assessment**  (Mention either Assessed or Refined) | **Assessment**  **FP**-Farmers keeping areas fallow after rice cultivation  **TO1**- Farmers cultivating pulses/Oilseeds in fallow areas under any govt. (Line dept./KVK) assistance programme  **TO2**- Farmers discontinue after discontinuance of Govt. assistance |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) |  |
| 5. | Production system and thematic area | Rice -Pulses, IT |
| 6. | Performance of the Technology with performance indicators | Adoption index, rejection stage in Adoption process(A-I-E-T-A-C), causes of rejection, extension approaches adopted in different stages |
| 7. | Final recommendation for micro level situation | continuing |
| 8. | Constraints identified and feedback for research | - |
| 9. | Process of farmers participation and their reaction |  |

*Thematic area:* IT

Problem definition: Poor accessibility to accurate and timely information on technical knowledge/advisory in different production system

Technology assessed: To **Assessment of point of discontinuance in rice fallow management**

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/hill | No. of spikelet per panicle | Test wt. (100 grain wt.) |
| FP | 90 |  |  |  |  |  |  |  |  |  |
| TO1 | 90 |  |  |  |  |  |  |  |  |  |
| TO2 | 90 |  |  |  |  |  |  |  |  |  |

Results: Continuing

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. | Rapeseed | Integrated nutrient management | STBFR (NPK-38:20:25kg/ha) + Consortia of Azotobacter, Azospirillum and PSM each @ 4.0 kg/ha inoculated to 300 kg of FYM/VC, mixed with 15 kg of lime, incubated at 30% moisture for a week & applied in rhizosphere at the time of sowing | 2.0 | 2.0 | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | 10 | - |
| 2. | Sesame | Integrated nutrient management | STBFR(NPK-40:15:20kg/ha) + soil application of PSB@ 5kg/ha followed by use of Sulphur@ 20kg/ha | 2.0 | 2.0 | 3 | 0 | 0 | 0 | 7 | 0 | 10 | 0 | 10 |
| 3. | Finger millet | Crop diversification | Finger millet var, Arjun (OEB 526) with an average yield of 25-26 q/ha, having duration 110-115 days moderately resistant to leaf, neck and finger blast diseases | 2.0 | 2.0 | 0 | 0 | 9 | 0 | 5 | 1 | 14 | 1 | 15 |  |
| 4. | Paddy | Weed management | Application of systemic broad spectrum herbcideCyhalofop butyl 5.1 % + Penoxsulam 1.02 % @ 135g/ha at 15-20DAT | 2.0 | 2.0 | 3 | 0 | 0 | 0 | 7 | 0 | 10 | 0 | 10 |
| 5. | Mustard | Varietal Evaluation | Sampoorna (OUAT Kalinga Mustard 1 ) Is an open Pollinated Variety Of Indian mustard recommended for sale in Odisha with an yield potential of 15 q/ha. | 2.0 | 2.0 | 4 | 0 | 0 | 0 | 6 | 0 | 10 | 0 | 10 |  |
| 6. | **Sunflower** | Crop Diversification | Cultivation of Sunflowervar. KBSH-44 in rabi after kharif rice | - | - | - | - | - | - | - | - | - | - | - | Scientist (Agronomy) is on Maternity Leave from December, 2024 |

**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 |
| Rapeseed | Rabi, 2024-25 | Irrigated | Sandy loam | 362 | 49.2 | 196 | Paddy | 25.11.2024 | 10.02.2025 | 75.7 | 4 |
| Sesame | Summer, 2025 | Irrigated | Sandy Loam | 537 | 42.6 | 242.4 | Paddy | 10.02.2025 | 24.04.2025 | 117.5 | 7 |
| Finger millet | Kharif. 2024 | Finger millet-vegetable (Rain-fed) | Sandy loam | 164 | 13.6 | 189 | Vegetable | 28.06.24 | 25.10.2024 | 1060 | 24 |
| Paddy | Kharif. 2024 | Rice-Greengram  (Irrigated) | Clay loam | 212 | 17.2 | 255 | Green  gram | 5.07.2024 | 15.11.2024 | 1030 | 32 |
| Mustard | Rabi, 2024-25 | Paddy- Mustard (Irrigated) | Clay loam | 195 | 18.6 | 278 | Paddy | 30.11.2024 | 15.03.2025 | 75.7 | 4 |

In both the Tables, information of same crop should be provided. For example, if in Table 3.2A crops are mentioned as a,b,c,d etc., in the table for Details of farming situation, the same crop should be mentioned in the identical sequence.

Performance of FLD

**Oilseeds:**

Frontline demonstrations on oilseed 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 |
| Rapeseed | INM | Demonstration on use of bioconsortia in Rapeseed | 10 | 2.0 | 8.2 | 6.4 | 28.12 | 20820 | 45100 | 24280 | 2.16 | 19500 | 35200 | 16700 | 1.80 |
| Sesame | INM | Demonstration of Integrated Nutrient Management in Sesame | 10 | 2.0 | 7.9 | 6.0 | 30.0 | 24900 | 47400 | 22500 | 1.90 | 21500 | 36000 | 14500 | 1.67 |
| Mustard | Varietal Evaluation | Cultivation of mustard variety Sampoorna | 10 | 2.0 | 12.6 | 10.2 | 19.05 | 41200 | 75600 | 32800 | 1.83 | 38500 | 61200 | 22700 | 1.58 |
| Total |  |  | 30 | 6.0 |  |  |  |  |  |  |  |  |  |  |  |

\* 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

Pulses   
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 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 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 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 | Crop diversification | Finger millet var, Arjun (OEB 526) with an average yield of 25-26 q/ha, having duration 110-115 days moderately resistant to leaf, neck and finger blast diseases | 10 | 2.0 | 8.64 finger millet | 38.8 rice | - | 5 nos. of irrigation | 2 nos. of irrigation | 29500 | 51840 | 22340 | 1.75 | 52600 | 81480 | 28800 | 1.55 |
| Paddy | Weed management | Application of systemic broad spectrum herbcideCyhalofop butyl 5.1 % + Penoxsulam 1.02 % @ 135g/ha at 15-20DAT | 10 | 2.0 | 49.2 | 44.3 | 11.28 | 11 EBT/hill | 08 EBT/hill | 53500 | 103320 | 49820 | 1.93 | 57000 | 93030 | 36030 | 1.63 |
|  | Total | | **20** | **4.0** |  | | | | | | | | | | | | |

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 (pl.specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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  Yield (q/ha) | | % 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 | | Fingerlings production | Demonstration of stunted Fingerlings production by WSHGs | 5 | 5 | 38.25 | 30.4 | 20.18 |  |  | 265000 | 785000 | 520000 | 2.96 | 210000 | 425000 | 215000 | 2.02 |
| Mussels | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ornamental fishes | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Disease Management) | | Disease management | Demonstration on Use of CIFRI Argcure (TANDAV) for controlling Argulus in Poly-culture system | 10 | 10 | 45.87 | 38.76 | 18.34 | 89.24  (% recovery) | 56.98  (% recovery) | 270000 | 596000 | 326000 | 2.21 | 246000 | 504000 | 258000 | 2.05 |
|  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 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 | Enterprise development |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Paddy straw mushroom | Installation of fogger in mushroom production unit | 02 | 400 beds | yield/bed-750 gram | Yield/bed-550 gram | 36.6 | Humidity %-80 to90 | Humidity%-70 to75 | 70 | 135 | 65 | 1.92 | 65 | 99 | 34 | 1.52 |
| Vermicompost |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Apiculture |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (seedling raising) | Raising seedlings in protray by using cocopeat, sand and vermicompost | 10 | 1000 | Seedling Mortality Rate(%)-5 | Seedling Mortality Rate(%), -25 | 20 | Germination of seed (%)-92 | Germination of seed (%)-85 | 1400 per 1000 seedling | 2375 per 1000 seedlings | 975 | 1.7 | 500 per 1000 seedlings | 750 per 1000 seedlings | 250 | 1.5 |
| Others(LIT in poultry farming) | Brooding management of day old chicks | 10 | 100 | Chicks mortality till 21 days-2% | Chicks mortality till 21 days -35% | 32 | Avg body wt at 21 days-300 gram | Avg body weight at 21 days-200 gram | 5600 per 100no day old chicks | 7840/100no day old chicks in 21 days | 2240 | 1.4 | 4500/100 no day old chicks | 4850/- | 3350 | 1.1 |
| Others (LIT in poultry farming | Backyard poultry farming breed -Aseel | 10 | 100 | Avg body wt in 6 months |  |  |  |  |  |  |  |  | continuing |  |  |  |
| Others | Demonstration of the effectiveness of short technology videos on technology adoption | 90 |  | Continuing |  |  |  |  |  |  |  |  |  |  |  |  |
| Others | Demonstration of usefulness of crop calendar (Groundnut ) for improving the technical knowledge of farmers and application of technology | 90 |  | Continuing |  |  |  |  |  |  |  |  |  |  |  |  |
| 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

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 | Labor reduction (man days) | | | | Cost reduction (Rs./ha or Rs./Unit) | | | |
| Demons  ration | Check | Demons  ration | Check |  |  | Demons  ration | Check |  |  |
| Power operated OUAT ragi thresher cum pearler | Ragi | Use of Power operated OUAT ragi thresher cum pearler | 10 | 2.0 | 75.7kg/hr | 6kg/hr | 11.61 | 9 | - |  |  | Rs.5225/ha | - |  |  |
| Single row manual vegetables transplanter | Tomato | Use of Single row manual vegetables transplanter | 10 | 2.0 | 420  Seedlings/hr | 180  Seedlings/hr | 1.33 | 16 | - |  |  | Rs.5600/ha | - |  |  |

\* 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 | Gross  Return | Net  Return | BCR |
| Bajra |  |  |  |  |  |  |  |  |  |  |
| Maize |  |  |  |  |  |  |  |  |  |  |
| Paddy |  |  |  |  |  |  |  |  |  |  |
| Sorghum |  |  |  |  |  |  |  |  |  |  |
| Wheat |  |  |  |  |  |  |  |  |  |  |
| Others (Pl.specify) |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |
| Oilseeds |  |  |  |  |  |  |  |  |  |  |
| Castor |  |  |  |  |  |  |  |  |  |  |
| Mustard |  |  |  |  |  |  |  |  |  |  |
| Safflower |  |  |  |  |  |  |  |  |  |  |
| Sesame |  |  |  |  |  |  |  |  |  |  |
| Sunflower |  |  |  |  |  |  |  |  |  |  |
| Groundnut |  |  |  |  |  |  |  |  |  |  |
| Soybean |  |  |  |  |  |  |  |  |  |  |
| Others (Pl.specify) |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |
| Pulses |  |  |  |  |  |  |  |  |  |  |
| Greengram |  |  |  |  |  |  |  |  |  |  |
| Blackgram |  |  |  |  |  |  |  |  |  |  |
| Bengalgram |  |  |  |  |  |  |  |  |  |  |
| Redgram |  |  |  |  |  |  |  |  |  |  |
| Others (Pl.specify) |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |
| Vegetable crops |  |  |  |  |  |  |  |  |  |  |
| Bottle gourd |  |  |  |  |  |  |  |  |  |  |
| Capsicum |  |  |  |  |  |  |  |  |  |  |
| Cucumber |  |  |  |  |  |  |  |  |  |  |
| Tomato |  |  |  |  |  |  |  |  |  |  |
| Brinjal |  |  |  |  |  |  |  |  |  |  |
| Okra |  |  |  |  |  |  |  |  |  |  |
| Onion |  |  |  |  |  |  |  |  |  |  |
| Potato |  |  |  |  |  |  |  |  |  |  |
| Field bean |  |  |  |  |  |  |  |  |  |  |
| Others (Pl.specify) |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |
| Commercial crops |  |  |  |  |  |  |  |  |  |  |
| Cotton |  |  |  |  |  |  |  |  |  |  |
| Coconut |  |  |  |  |  |  |  |  |  |  |
| Others (Pl.specify) |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |
| Fodder crops |  |  |  |  |  |  |  |  |  |  |
| Napier (Fodder) |  |  |  |  |  |  |  |  |  |  |
| Maize (Fodder) |  |  |  |  |  |  |  |  |  |  |
| Sorghum (Fodder) |  |  |  |  |  |  |  |  |  |  |
| Others (Pl.specify) |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |

Good quality photographs of FLDs

**Technical Feedback on the demonstrated technologies**

|  |  |  |
| --- | --- | --- |
| Sl. No | Crop | Feed Back |
| 1 | Rapeseed | Due to use of bioconsortia, 25% saving of NPK fertilizer for crop cultivation along with 28.1% increase in rapeseed seed yield |
| 2 | Sesame | Application of PSB and Sulphur reduces Phosphorous fertilizer use by 25% followed by 27.8% increase in Sesamum seed yield |
| 3 | Poultry |  |

Extension and Training activities under FLD

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.No. | Activity | Date | No. of activities organized | Number of participants | Remarks |
| 1. | Field days | 20.03.2025  26.03.2025 | 1  1 | 50  50 | * Field day under FLD on INM in Sesamum conducted with participation of officials of Agriculture dept. (AAO, Basta) * Field on Backyard rearing of poultry breed Aseel |
| 2. | Farmers Training | 1. 23.08.2024 2. 30.09.2024 3. 30.12.2024 4. 27.11.2024 5. 21.01.2025 6. 25.03.2025 | 1  1  1  1  1  1 | 30  30  30  30  30  30 | 1. Seedling raising by use of Protray & Cocopeat 2. Brooding Management of day old chicks 3. Backyard rearing of poultry breed Aseel 4. Seed Production in Mustard conducted at Sain , Khaira 5. Seed production in Sesame conducted at Tadada, Basta 6. INM in Oilseed crops conducted at KVK Campus |
| 3. | Media coverage | 02.11.2025 | 1 | - | Training on Oilseeds (FLD on Mustard &Sesame) |
| 4. | Training for extension functionaries | 25.6.2024-26.6.2024 | 1 | 20 | INM Practices for improving seed production I Paddy |

**Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2024 and Rabi 2023-24:**

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 | Sesamum | Nirmala | 6.3 | 4.9 | 4.2 | 8.5 | Smarak+  Seed treatment with vitavax power, Foliar Spraying of Boron (10.5%), IPM & IDM | 25 | 10 | 2 | 7.2 | 7.6 | 55.1 | 81.0 | 10.6 |

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 | Smarak+  Seed treatment with vitavax power, Foliar Spraying of Boron (10.5%), IPM & IDM | 15300 | 25200 | 9900 | 1.6 | 19000 | 38000 | 19000 | 2 |

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 | Sesamum, Smarak | 19130 | 13779 | 50 | 4034 | 1317 | Household expenses, Loan Repayment & next crop cultivation | 56 |

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 | Improved Package of practices for in Sesamum | Yes | 8 from 10 | 85% | No | 85 | For Summer CFLD, target should be given by November |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Specific Characteristic | Performance | Performance of Technology vis-a vis Local Check | Farmers Feedback |
| Smarak the demonstrated variety is Short duration & High Oil content | very less disease & pest attack | The local check is low oil content & less yield than Smarak | The variety perform better yield due to very less disease & pest attack |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Extension Activities organized** | **Date and place of activity** | **Number of farmer attended** |
| **1** | Field visit and collection of soil sample | 19.02.24/Tadada | 30 |
| **2** | Field visit and collection of soil sample | 26.02.24/Tadada | 35 |
| **3** | Diagnostic field visit & advisory provided | 1.03.24/Tadada | 40 |
| **4** | Diagnostic field visit & advisory provided | 14.03.24/Tadada | 42 |
| **5** | Field visit and collection of soil sample | 19.02.24/Tadada | 30 |

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

**J. Details of budget utilization**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop | Items | Budget  Received  (Rs.) | Budget  Utilization  (Rs.) | Balance  (Rs.) |
| Sesamum | i) Critical input | 45000 | 45000 | Nil |
| ii) TA/DA/POL etc. for monitoring | 3710 | 3710 | Nil |
| iii) Extension Activities (Field day) | 90 | 90 | Nil |
| iv)Publication of literature | - | - | - |
|  | Total | 48800 | 48800 | 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 |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Off0season vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Exotic vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (a) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **b) Fruits** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Layout and Management of Orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cultivation of Fruit |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of young plants/orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential fruits |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (b) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **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 | 1 | 6 | 0 | 6 | 19 | 5 | | 24 | 0 | 0 | 0 | 25 | 5 | 30 |
| 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** | **1** | **6** | **0** | **6** | **19** | **5** | | **24** | **0** | **0** | **0** | **25** | **5** | **30** |
| **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 |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Women empowerment | 01 | 00 | 27 | 27 | 00 | 03 | | 03 | 00 | 00 | 00 | 00 | 30 | 30 |
| Location specific drudgery reduction technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Women and child care |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** | **01** | **00** | **27** | **27** | **00** | **03** | | **03** | **00** | **00** | **00** | **00** | **30** | **30** |
| **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 | 1 | 0 | 19 | 19 | 0 | 11 | | 11 | 0 | 0 | 0 | 0 | 30 | 30 |
| 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** | **1** | **0** | **19** | **19** | **0** | | **11** | **11** | **0** | **0** | **0** | **0** | **30** | **30** |
| **IX. Production of Input at site** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-agents production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-pesticides production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-fertilizer production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermicompost production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Organic manures production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of fry and fingerlings |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Beecolonies 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** | **3** | **6** | **46** | **52** | **19** | | **19** | **38** | **0** | **0** | **0** | **25** | **65** | **90** |

**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 |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed production | 1 | 26 | 0 | 26 | 2 | | 0 | 2 | 2 | 0 | 2 | 20 | 0 | 20 |
| Production of organic inputs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermiculture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mushroom Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Beekeeping |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Value addition | 1 | 0 | 18 | 18 | 0 | | 2 | 2 | 0 | 0 | 0 | 0 | 20 | 20 |
| 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 | 1 | 0 | 0 | 0 | 14 | | 6 | 20 | 0 | 0 | 0 | 14 | 6 | 20 |
| Freshwater prawn culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Cold water fisheries |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish harvest and processing technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fry and fingerling rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others (Custom hiring Centre) | 1 | 12 | 8 | 20 | 0 | | 0 | 0 | 0 | 0 | 0 | 12 | 8 | 20 |
| Other (Rural Entrepreneurship development) | 1 | 20 | 0 | 20 | 0 | | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 20 |
| **Total** | **5** | **58** | **26** | **84** | **16** | | **8** | **24** | **2** | **0** | **2** | **66** | **34** | **100** |

**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 |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Nutrient management | 01 | 17 | 0 | 17 | 3 | | 0 | 3 | 0 | 0 | 0 | 20 | 0 | 20 |
| 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 | 01 | 00 | 20 | 20 | 00 | | 02 | 02 | 00 | 00 | 00 | 00 | 20 | 20 |
| Low cost and nutrient efficient diet designing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Group Dynamics and farmers organization | 01 | 18 | 0 | 18 | 2 | | 0 | 2 | 0 | 0 | 0 | 20 | 0 | 20 |
| Information networking among farmers |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Capacity building for ICT application | 01 | 14 | 06 | 20 | 0 | | 0 | 0 | 0 | 0 | 0 | 14 | 6 | 20 |
| Management in farm animals |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Other( value addition) | 01 | 00 | 17 | 17 | 00 | | 02 | 02 | 00 | 01 | 01 | 00 | 20 | 20 |
| Other (Pisciculture) | 01 | 13 | 3 | 16 | 3 | | 0 | 3 | 0 | 1 | 1 | 16 | 4 | 20 |
| **Total** | **6** | **62** | **46** | **108** | **8** | | **4** | **12** | **0** | **2** | **2** | **70** | **50** | **120** |

**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** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Weed Management | 1 | 19 | 0 | 19 | 11 | 0 | | 11 |  |  |  | 30 | 0 | 30 |
| Resource Conservation Technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cropping Systems |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Crop Diversification | 2 | 21 | 23 | 44 | 14 | 2 | | 16 | - | - | - | 35 | 25 | 60 |
| Integrated Farming | 1 | 4 | 0 | 4 | 6 | 5 | | 11 | 4 | 11 | 15 | 14 | 16 | 30 |
| Micro irrigation/irrigation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Seed production | 4 | 64 | 20 | 84 | 34 | 2 | | 36 | 0 | 0 | 0 | 98 | 22 | 120 |
| Nursery management | 1 | 14 | 1 | 15 | 15 | 0 | | 15 | 0 | 0 | 0 | 29 | 1 | 30 |
| Integrated Crop Management | 3 | 30 | 14 | 44 | 37 | 8 | | 45 | 2 | 0 | 2 | 90 | 0 | 90 |
| Soil & water conservation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated nutrient Management | 1 | 15 | 9 | 24 | 3 | 3 | | 6 | - | - | - | 18 | 12 | 30 |
| Production of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others | 1 | 9 | 13 | 22 | 4 | 3 | | 7 | 1 | 0 | 1 | 14 | 16 | 30 |
| Total | **14** | **176** | **80** | **256** | **124** | **23** | | **147** | **7** | **11** | **18** | **328** | **92** | **420** |
| **II. Horticulture** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Off0season vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Exotic vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (a) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **b) Fruits** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Layout and Management of Orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cultivation of Fruit |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of young plants/orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential fruits |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (b) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **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 | 3 | 24 | 4 | 28 | 49 | 13 | | 62 | 0 | 0 | 0 | 73 | 17 | 90 |
| Production and use of organic inputs | 1 | 2 | 0 | 2 | 24 | 1 | | 25 | 3 | 0 | 3 | 29 | 1 | 30 |
| Management of Problematic soils |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro nutrient deficiency in crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nutrient Use Efficiency |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Balance Use of fertilizer |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil & water testing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** | **4** | **26** | **4** | **30** | **73** | **14** | | **87** | **3** | **0** | **3** | **102** | **18** | **120** |
| **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 | 02 | 00 | 41 | 41 | 00 | 19 | | 19 | 00 | 00 | 00 | 00 | 60 | 60 |
| Design and development of low/minimum cost diet |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Designing and development for high nutrient efficiency diet | 02 | 00 | 04 | 04 | 00 | 46 | | 46 | 00 | 10 | 10 | 00 | 60 | 60 |
| Minimization of nutrient loss in processing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing & cooking | 01 | 0 | 30 | 30 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 30 | 30 |
| Gender mainstreaming through SHGs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Storage loss minimization techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Value addition | 02 | 00 | 60 | 60 | 00 | 00 | | 00 | 00 | 00 | 00 | 00 | 60 | 60 |
| Women empowerment | 07 | 00 | 128 | 128 | 00 | 81 | | 81 | 00 | 01 | 01 | 00 | 210 | 210 |
| Location specific drudgery reduction technologies | 01 | 00 | 22 | 22 | 00 | 08 | | 08 | 00 | 00 | 00 | 00 | 30 | 30 |
| Rural Crafts |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Women and child care |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** | **15** | **0** | **285** | **285** | **0** | **154** | | **154** | **0** | **11** | **11** | **0** | **450** | **450** |
| **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 | 3 | 34 | 6 | 40 | 46 | 3 | | 49 | 1 | 0 | 1 | 81 | 9 | 90 |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Small scale processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** | 3 | 34 | 6 | 40 | 46 | 3 | | 49 | 1 | 0 | 1 | 81 | 9 | 90 |
| **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 | 1 | 1 | 0 | 1 | 5 | | 24 | 29 | 0 | 0 | 0 | 6 | 24 | 30 |
| Breeding and culture of ornamental fishes |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Portable plastic carp hatchery |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pen culture of fish and prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming | 1 | 2 | 0 | 2 | 13 | | 15 | 28 | 0 | 0 | 0 | 15 | 15 | 30 |
| Edible oyster farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish processing and value addition | 1 | 0 | 2 | 2 | 0 | | 28 | 28 | 0 | 0 | 0 | 0 | 30 | 30 |
| Nursery Pond Management | 1 | 9 | 1 | 10 | 19 | | 0 | 19 | 1 | 0 | 1 | 29 | 1 | 30 |
| Others (Feed Preparation) | 1 | 0 | 26 | 26 | 0 | | 4 | 0 | 0 | 0 | 0 | 0 | 30 | 30 |
| Others (Disease Management) | 1 | 1 | 21 | 22 | 0 | | 8 | 8 | 0 | 0 | 0 | 1 | 29 | 30 |
| **Total** | **6** | **13** | **50** | **63** | **37** | | **79** | **112** | **1** | **0** | **1** | **51** | **129** | **180** |
| **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 | 3 | 43 | 42 | 85 | 5 | | 0 | 5 | 0 | 0 | 0 | 48 | 42 | 90 |
| Formation and Management of SHGs | 1 | 0 | 24 | 24 | 0 | | 6 | 6 | 0 | 0 | 0 | 0 | 30 | 30 |
| Mobilization of social capital | 2 | 32 | 6 | 38 | 13 | | 8 | 21 | 1 | 0 | 1 | 46 | 14 | 60 |
| Entrepreneurial development of farmers/youths | 1 | 25 | 3 | 28 | 2 | | 0 | 2 | 0 | 0 | 0 | 27 | 3 | 30 |
| WTO and IPR issues |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others | 5 | 65 | 45 | 110 | 21 | | 19 | 40 | 0 | 0 | 0 | 82 | 68 | 150 |
| **Total** | **12** | **165** | **120** | **285** | **41** | | **33** | **74** | **1** | **0** | **1** | **203** | **157** | **360** |
| **XI. Agro forestry** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **XII. Others (Pl. Specify)** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **GRAND TOTAL** | **50** | **380** | **509** | **889** | **275** | | **303** | **574** | **12** | **22** | **34** | **684** | **816** | **1500** |

**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 |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |

**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 | - | - | - | - | - | | - | - | - | - | - | - | - | - |
| 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 | 1 | 19 | 0 | 19 | 11 | 0 | | 11 |  |  |  | 30 | 0 | 30 |
| Resource Conservation Technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cropping Systems |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Crop Diversification | 2 | 21 | 23 | 44 | 14 | 2 | | 16 | - | - | - | 35 | 25 | 60 |
| Integrated Farming | 1 | 4 | 0 | 4 | 6 | 5 | | 11 | 4 | 11 | 15 | 14 | 16 | 30 |
| Micro irrigation/irrigation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Seed production | 4 | 64 | 20 | 84 | 34 | 2 | | 36 | 0 | 0 | 0 | 98 | 22 | 120 |
| Nursery management | 1 | 14 | 1 | 15 | 15 | 0 | | 15 | 0 | 0 | 0 | 29 | 1 | 30 |
| Integrated Crop Management | 3 | 30 | 14 | 44 | 37 | 8 | | 45 | 2 | 0 | 2 | 90 | 0 | 90 |
| Soil & water conservation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated nutrient Management | 1 | 15 | 9 | 24 | 3 | 3 | | 6 | - | - | - | 18 | 12 | 30 |
| Production of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others | 1 | 9 | 13 | 22 | 4 | 3 | | 7 | 1 | 0 | 1 | 14 | 16 | 30 |
| Total | **14** | **176** | **80** | **256** | **124** | **23** | | **147** | **7** | **11** | **18** | **328** | **92** | **420** |
| **II. Horticulture** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Off0season vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Exotic vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (a) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **b) Fruits** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Layout and Management of Orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cultivation of Fruit |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of young plants/orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential fruits |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (b) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **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 | 4 | 30 | 4 | 34 | 68 | 18 | | 86 | 0 | 0 | 0 | 98 | 22 | 120 |
| Production and use of organic inputs | 1 | 2 | 0 | 2 | 24 | 1 | | 25 | 3 | 0 | 3 | 29 | 1 | 30 |
| Management of Problematic soils |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro nutrient deficiency in crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nutrient Use Efficiency |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Balance Use of fertilizer |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil & water testing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** | **5** | **32** | **4** | **36** | **92** | **19** | | **111** | **3** | **0** | **3** | **127** | **23** | **150** |
| **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 | 02 | 00 | 41 | 41 | 00 | 19 | | 19 | 00 | 00 | 00 | 00 | 60 | 60 |
| Design and development of low/minimum cost diet |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Designing and development for high nutrient efficiency diet | 02 | 00 | 04 | 04 | 00 | 46 | | 46 | 00 | 10 | 10 | 00 | 60 | 60 |
| Minimization of nutrient loss in processing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing & cooking | 01 | 0 | 30 | 30 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 30 | 30 |
| Gender mainstreaming through SHGs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Storage loss minimization techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Value addition | 02 | 00 | 60 | 60 | 00 | 00 | | 00 | 00 | 00 | 00 | 00 | 60 | 60 |
| Women empowerment | 08 | 0 | 155 | 155 | 0 | 84 | | 84 | 0 | 1 | 1 | 0 | 240 | 240 |
| Location specific drudgery reduction technologies | 01 | 00 | 22 | 22 | 00 | 08 | | 08 | 00 | 00 | 00 | 00 | 30 | 30 |
| Rural Crafts |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Women and child care |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** | **16** | **0** | **312** | **312** | **0** | **157** | | **157** | **0** | **11** | **11** | **0** | **480** | **480** |
| **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 | 3 | 34 | 6 | 40 | 46 | 3 | | 49 | 1 | 0 | 1 | 81 | 9 | 90 |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Small scale processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** | **3** | **34** | **6** | **40** | **46** | **3** | | **49** | **1** | **0** | **1** | **81** | **9** | **90** |
| **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 | 1 | 1 | 0 | 1 | 5 | | 24 | 29 | 0 | 0 | 0 | 6 | 24 | 30 |
| Breeding and culture of ornamental fishes |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Portable plastic carp hatchery |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pen culture of fish and prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming | 1 | 2 | 0 | 2 | 13 | | 15 | 28 | 0 | 0 | 0 | 15 | 15 | 30 |
| Edible oyster farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish processing and value addition | 1 | 0 | 2 | 2 | 0 | | 28 | 28 | 0 | 0 | 0 | 0 | 30 | 30 |
| Nursery Pond Management | 1 | 9 | 1 | 10 | 19 | | 0 | 19 | 1 | 0 | 1 | 29 | 1 | 30 |
| Others (Feed Preparation) | 1 | 0 | 26 | 26 | 0 | | 4 | 0 | 0 | 0 | 0 | 0 | 30 | 30 |
| Others (Disease Management) | 1 | 1 | 21 | 22 | 0 | | 8 | 8 | 0 | 0 | 0 | 1 | 29 | 30 |
| **Total** | **6** | **13** | **50** | **63** | **37** | | **79** | **112** | **1** | **0** | **1** | **51** | **129** | **180** |
| **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 | 3 | 43 | 42 | 85 | 5 | | 0 | 5 | 0 | 0 | 0 | 48 | 42 | 90 |
| Formation and Management of SHGs | 1 | 0 | 24 | 24 | 0 | | 6 | 6 | 0 | 0 | 0 | 0 | 30 | 30 |
| Mobilization of social capital | 2 | 32 | 6 | 38 | 13 | | 8 | 21 | 1 | 0 | 1 | 46 | 14 | 60 |
| Entrepreneurial development of farmers/youths | 1 | 25 | 3 | 28 | 2 | | 0 | 2 | 0 | 0 | 0 | 27 | 3 | 30 |
| WTO and IPR issues |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others | 5 | 65 | 45 | 110 | 21 | | 19 | 40 | 0 | 0 | 0 | 82 | 68 | 150 |
| **Total** | **12** | **165** | **120** | **285** | **41** | | **33** | **74** | **1** | **0** | **1** | **203** | **157** | **360** |
| **XI. Agro forestry** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **XII. Others (Pl. Specify)** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **GRAND TOTAL** | **56** | **420** | **572** | **992** | **340** | | **314** | **650** | **13** | **22** | **35** | **790** | **890** | **1680** |

**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 |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed production | 1 | 26 | 0 | 26 | 2 | | 0 | 2 | 2 | 0 | 2 | 20 | 0 | 20 |
| Production of organic inputs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermiculture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mushroom Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Beekeeping |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Value addition | 1 | 0 | 18 | 18 | 0 | | 2 | 2 | 0 | 0 | 0 | 0 | 20 | 20 |
| 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 | 1 | 0 | 0 | 0 | 14 | | 6 | 20 | 0 | 0 | 0 | 14 | 6 | 20 |
| Freshwater prawn culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Cold water fisheries |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish harvest and processing technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fry and fingerling rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others (Custom hiring Centre) | 1 | 12 | 8 | 20 | 0 | | 0 | 0 | 0 | 0 | 0 | 12 | 8 | 20 |
| Other (Rural Entrepreneurship development) | 1 | 20 | 0 | 20 | 0 | | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 20 |
| **Total** | **5** | **58** | **26** | **84** | **16** | | **8** | **24** | **2** | **0** | **2** | **66** | **34** | **100** |

**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 |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Nutrient management | 01 | 17 | 0 | 17 | 3 | | 0 | 3 | 0 | 0 | 0 | 20 | 0 | 20 |
| 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 | 01 | 00 | 20 | 20 | 00 | | 02 | 02 | 00 | 00 | 00 | 00 | 20 | 20 |
| Low cost and nutrient efficient diet designing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Group Dynamics and farmers organization | 01 | 18 | 0 | 18 | 2 | | 0 | 2 | 0 | 0 | 0 | 20 | 0 | 20 |
| Information networking among farmers |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Capacity building for ICT application | 01 | 14 | 06 | 20 | 0 | | 0 | 0 | 0 | 0 | 0 | 14 | 6 | 20 |
| Management in farm animals |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Other( value addition) | 01 | 00 | 17 | 17 | 00 | | 02 | 02 | 00 | 01 | 01 | 00 | 20 | 20 |
| Other (Pisciculture) | 01 | 13 | 3 | 16 | 3 | | 0 | 3 | 0 | 1 | 1 | 16 | 4 | 20 |
| **Total** | **6** | **62** | **46** | **108** | **8** | | **4** | **12** | **0** | **2** | **2** | **70** | **50** | **120** |

## Please furnish the details of 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 | Farm women | Role of micronutrients in crop production | 01 | off | 18 | 12 | 30 | 03 | 03 | 06 |
| Agronomy | Farm women | Integrated crop management of finger millet cultivation | 01 | off | 14 | 16 | 30 | 10 | 15 | 25 |
| Agronomy | Farm women | Integrated weed management in transplanted Rice | 01 | off | 30 | 0 | 30 | 11 | 0 | 11 |
| Agronomy | Farm women | Contingent crop planning | 01 | off | 14 | 16 | 30 | 05 | 03 | 08 |
| Agronomy | Farm women | Agri technique of jute cultivation | 01 | off | 05 | 25 | 30 | 01 | 02 | 03 |
| Agronomy | Farm women | Integrated crop management of rapeseed and mustard | 01 | off | 30 | 0 | 30 | 07 | 0 | 07 |
| Agronomy | Farm women | Packages & Practices of natural farming | 01 | off | 30 | 0 | 30 | 13 | 0 | 13 |
| Agronomy | Farm women | Cropping intensification in  rice fallow area | 01 | off | 09 | 21 | 30 | 05 | 08 | 13 |
| Agronomy | Farm women | Management of BPH in rice crop | 01 | off | 30 | 0 | 30 | 27 | 0 | 27 |
| Home science / women empowerment | Farm women | Use of Azolla as cattle and poultry feed | 01 | off | 00 | 30 | 30 | 00 | 00 | 00 |
| Home science / women empowerment | Farm women | Production technology of paddy straw mushroom by Use of crumple straw | 01 | off | 00 | 30 | 30 | 00 | 01 | 01 |
| Home science / women empowerment | Farm women | Nutritional value and health benefits of millets | 02 | off | 00 | 30 | 30 | 00 | 56 | 56 |
| Home science / women empowerment | Farm women | Seedling raising by use of pro tray | 01 | off | 00 | 30 | 30 | 00 | 03 | 03 |
| Home science/ women empowerment | Farm women | Income generation activities for WSHGS | 01 | on | 00 | 30 | 30 | 00 | 03 | 03 |
| Home science / women empowerment | Farm women | Brooding management of day old chicks | 01 | off | 00 | 30 | 30 | 00 | 07 | 07 |
| Home science / women empowerment | Farm women | Layout & planning of nutritional garden | 01 | off | 00 | 30 | 30 | 00 | 00 | 00 |
| Home science / women empowerment | Farm women | Back yard rearing of improved breed poultry bird aseel | 01 | off | 00 | 30 | 30 | 00 | 18 | 18 |
| Home science / women empowerment | Farm women | Preparation of value added products from oyster mushroom | 01 | off | 00 | 30 | 30 | 00 | 00 | 00 |
| Home science / women empowerment | Farm women | Organic Nutritional gardening for nutritional security | 01 | off | 00 | 30 | 30 | 00 | 19 | 19 |
| Home science / women empowerment | Farm women | Drumstick cultivation in back yard for income generation of WSHGS | 01 | off | 00 | 30 | 30 | 00 | 00 | 29 |
| Home science / women empowerment | Farm women | Marigold cultivation by WSHG for income generation | 01 | off | 00 | 30 | 30 | 00 | 24 | 24 |
| Home science / women empowerment | Farm women | Oyster mushroom cultivation | 01 | off | 00 | 30 | 30 | 00 | 30 | 30 |
| Home science / women empowerment | Farm women | Use of women friendly implements | 01 | off | 00 | 30 | 30 | 00 | 08 | 08 |
| Home science/ women empowerment | Farm women | Preparation of value added products from tomato | 01 | off | 00 | 30 | 30 | 00 | 00 | 00 |
| Home science/ women empowerment | RYT | Preparation of value added products from Millet | 03 | On | 0 | 20 | 20 | 0 | 2 | 02 |
| Seed Science | Farmers & Farm women | Seed treatment & nursery preparation in paddy | 01 | Off (Chhayalia, Baliapal) | 29 | 1 | 30 | 15 | 0 | 15 |
| Seed Science | Farmers & Farm women | Seed production in Paddy | 01 | Off (Mandagan, Remuna) | 30 | 0 | 30 | 19 | 0 | 19 |
| Seed Science | Farmers & Farm women | Seed Production in Mustard | 01 | Off (Sain, Khaira) | 30 | 0 | 30 | 6 | 0 | 6 |
| Seed Science | Farmers & Farm women | INM in Groundnut | 01 | Chaumukh (Baliapal) | 28 | 2 | 30 | 7 | 0 | 7 |
| Seed Science | Farmers & Farm women | Seed production in Pulses | 01 | Basulidiga (Basta) | 18 | 12 | 30 | 1 | 0 | 1 |
| Seed Science | Farmers & Farm women | Seed Production in Sesame | 01 | Off (Tadada, Basta) | 20 | 10 | 30 | 8 | 2 | 10 |
| Seed Science | Farmers & Farm women | INM in Paddy | 01 | Off (Tukurihazira, Bhograi) | 25 | 5 | 30 | 25 | 5 | 30 |
| Seed Science | Farmers & Farm women | Use of bio fertilizer in crop cultivation | 01 | Off (Baghamari, Jaleswar) | 29 | 01 | 30 | 27 | 1 | 28 |
| Seed Science | Farmers & Farm women | INM in Oilseed crop | 01 | On campus  (KVK ) | 25 | 5 | 30 | 19 | 5 | 24 |
| Seed Science | Farmers & Farm women | INM in Pulses | 01 | Off (Mala, Remuna) | 20 | 10 | 30 | 17 | 8 | 25 |
| Seed Science | RYT | Seed production in Pulses & Oilseed | 03 | KVK campus | 20 | 0 | 20 | 4 | 0 | 4 |
| Seed Science | INS | INM Practices for improving seed production in paddy | 02 | KVK campus | 20 | 0 | 20 | 3 | 0 | 3 |
| Ag. Extension | Farmers & Farm women | Formation and Management of FPO. | 01 | Off | 25 | 5 | 30 | 2 | 0 | 2 |
| Ag. Extension | Farmers & Farm women | Formation, management and strengthening of SHG | 01 | Off | 0 | 30 | 30 | 0 | 6 | 6 |
| Ag. Extension | Farmers & Farm women | Value chain management For profitable Agribusiness | 01 | Off | 27 | 3 | 30 | 2 | 0 | 2 |
| Ag. Extension | Farmers & Farm women | Various marketing opportunities & production planning in Vegetables | 01 | Off | 17 | 13 | 30 | 0 | 0 | 0 |
| Ag. Extension | Farmers & Farm women | Formation of groups for aggregation & marketing of village produce | 01 | Off | 27 | 3 | 30 | 3 | 0 | 3 |
| Ag. Extension | Farmers & Farm women | Alternate livelihood option of resource poor family | 01 | Off | 28 | 02 | 30 | 2 | 0 | 2 |
| Ag. Extension | Farmers & Farm women | Rearing of poultry bird in backyard | 01 | Off | 20 | 10 | 30 | 1 | 5 | 6 |
| Ag. Extension | Farmers & Farm women | Promotion of organic farming for sustainable agriculture | 01 | Off | 17 | 13 | 30 | 0 | 0 | 0 |
| Ag. Extension | Farmers & Farm women | Market linkage for smallholder  farmers | 01 | Off | 18 | 12 | 30 | 12 | 8 | 20 |
| Ag. Extension | Farmers & Farm women | Use of ITK in agriculture | 01 | Off | 3 | 27 | 30 | 0 | 0 | 0 |
| Ag. Extension | Farmers & Farm women | Improved techniques of Seed treatment in Groundnut | 01 | Off | 30 | 0 | 30 | 4 | 0 | 4 |
| Ag. Extension | Farmers & Farm women | Nursery bed preparation for seedling raising in vegetables | 01 | Off | 16 | 14 | 30 | 16 | 14 | 30 |
| Ag. Extension | IS | Market-led Agricultural Extension, concept, prospects and challenges | 01 | Off | 20 | 0 | 20 | 2 | 02 | 20 |
| Ag. Extension | RY | Rural Entrepreneurship Development through income generation activities | 3 | ONC | 20 | 0 | 20 | 0 | 0 | 0 |
| Ag. Extension | IS | ICT-Led Knowledge management and usage patterns in Agriculture | 2 | ONC | 14 | 6 | 20 | 0 | 0 | 0 |
| Fishery | Farmers & Farm women | Nursery pond management | 1 | Off (Tina) | 29 | 1 | 30 | 20 | 0 | 20 |
| Fishery | Farmers & Farm women | Stunted fingerlings production by WSHGs | 1 | ONC | 0 | 30 | 30 | 0 | 11 | 11 |
| Fishery | Farmers & Farm women | Poly-culture of freshwater prawn with IMC | 1 | Off (Baghamari) | 6 | 24 | 30 | 5 | 24 | 29 |
| Fishery | Farmers & Farm women | Preparation of farm made feed for Pisciculture | 1 | Off (Nahanjara) | 0 | 30 | 30 | 0 | 4 | 4 |
| Fishery | Farmers & Farm women | Disease management in fish pond | 1 | Off (Goseinpatna) | 1 | 29 | 30 | 0 | 8 | 8 |
| Fishery |  | Water quality management of Brakishwater prawn culture | 1 | Off (Kirtania) | 15 | 15 | 30 | 13 | 15 | 28 |
| Fishery | Farmers & Farm | Value addition of fish & prawn | 1 | Off (Sunari) | 0 | 30 | 30 | 0 | 28 | 28 |
| Fishery | RYT | Composite fish culture | 3 | ONC | 14 | 6 | 20 | 14 | 6 | 20 |
| Fishery | INS | Species diversification in aquaculture system for enhancing production | 2 | ONC | 16 | 4 | 20 | 3 | 1 | 4 |
| Ag. Engineering | Farmers & Farm women | Gender friendly equipment for drudgery reduction | 1 | Off (NM Padia) | 21 | 9 | 30 | 10 | 3 | 13 |
| Ag. Engineering | Farmers & Farm women | Different harvesting & threshing implements for paddy | 1 | Off (Tina) | 30 | 0 | 30 | 26 | 0 | 26 |
| Ag. Engineering | Farmers & Farm women | Dryland power weeder for weeding in vegetables | 1 | Off (Kedarpur) | 30 | 0 | 30 | 11 | 0 | 11 |
| Ag. Engineering | RYT | Agro-custom hiring centre for self-employment | 1 | ONC | 12 | 8 | 20 | 4 | 2 | 6 |

H) Vocational train*ing programme* 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 |  |
| Vermicomposting | Organic input production | Techniques  of vermicompost production | 05 | 21 | 9 | 30 | Polythene Vermibed unit | 12 | 12 | 18 |
| IFS | Integrated farming system | Integrated farming system | 05 | 21 | 9 | 30 | IFS | 2 | 2 | 28 |
| Income Generation | Planting material production | Production and Marketing of Quality planting material | 05 | 23 | 7 | 30 | Nursery | 14 | 14 | 19 |
| Fishery | Seed Production | Seed production of carp | 05 | 20 | 0 | 20 | Carp seed production unit | 6 | 6 | 14 |
| Fishery | Colour fish production | Ornamental Fish culture | 05 | 11 | 19 | 30 | Ornamental fish unit | 4 | 4 | 26 |
| Mushroom Cultivation | Mushroom Cultivation | Mushroom Cultivation for income generation | 10 | 26 | 34 | 60 | Mushroom Unit | 45 | 45 | 15 |

\*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 |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other(IFS) | 1 | 1 | 2 | 3 | 20 | 7 | 27 | 0 | 0 | 0 | 21 | | 9 | 30 |
| **Total** | **1** | **1** | **2** | **3** | **20** | **7** | **27** | **0** | **0** | **0** | **21** | | **9** | **30** |
| **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 |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Seed production of carp | 1 | 14 | 0 | 14 | 6 | 0 | 6 | 0 | 0 | 0 | 20 | | 0 | 20 |
| Ornamental Fish culture | 1 | 0 | 0 | 0 | 11 | 19 | 30 | 0 | 0 | 0 | 11 | | 19 | 30 |
|  |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Total** | **2** | **14** | **0** | **14** | **17** | **19** | **36** | **0** | **0** | **0** | **31** | | **19** | **50** |
| **Income generation activities** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Vermicomposting | 01 | 1 | 0 | 1 | 20 | 9 | 29 | 0 | 0 | 0 | 21 | | 9 | 30 |
| Production of bioagents, biopesticides, |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| biofertilizers etc. |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Repair and maintenance of farm machinery &implements |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Sericulture |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Mushroom cultivation | 02 | 17 | 11 | 28 | 08 | 22 | 30 | 01 | 01 | 02 | 26 | | 34 | 60 |
| Nursery, grafting etc. |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Tailoring, stitching, embroidery, dying etc. |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Agril. Para-workers, para-vet training |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Total** | **3** | **18** | **11** | **29** | **28** | **31** | **59** | **1** | **1** | **2** | **47** | | **43** | **90** |
| **Agricultural Extension** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Capacity building and group dynamics |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other (QPM Production) | 01 | 0 | 0 | 0 | 23 | 7 | 30 | 0 | 0 | 0 | 23 | | 7 | 30 |
| **Total** | **01** | **0** | **0** | **0** | **23** | **7** | **30** | **0** | **0** | **0** | **23** | | **7** | **30** |
| **Grand Total** | **07** | **33** | **13** | **46** | **88** | **64** | **152** | **1** | **1** | **2** | **122** | | **78** | **200** |

**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 |
|  |  |  |
| 1 | Soil Health restoration through natural farming | Natural Farming | August, 2024 | 02 | RY | 1 | 40 | ICAR-ATARI, Kolkata |
| 1 | Preparation of natural farming products by use of farm inputs | Natural Farming | September, 2024 | 02 | RY | 1 | 40 | ICAR-ATARI, Kolkata |

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 |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Production and value addition |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Fruit Plants |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Ornamental plants |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Spices crops |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Soil health and fertility management | 1 | 7 | 25 | 32 | 2 | 5 | 7 | 0 | 1 | 1 | 9 | | 31 | 40 |
| Production of Inputs at site | 1 | 15 | 20 | 35 | 5 | 0 | 5 | 0 | 0 | 0 | 20 | | 20 | 40 |
| Methods of protective cultivation |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Total | **2** | **22** | **45** | **67** | **7** | **5** | **12** | **0** | **1** | **1** | **29** | | **51** | **80** |
| **Post harvest technology and value addition** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Farm machinery** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Farm machinery, tools and implements |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Livestock and fisheries** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Livestock production and management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Animal Nutrition Management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Animal Disease Management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Fisheries Nutrition |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Fisheries Management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Home Science** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Household nutritional security |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Economic empowerment of women |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Drudgery reduction of women |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Agricultural Extension** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Capacity Building and Group Dynamics |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Grant Total** | **2** | **22** | **45** | **67** | **7** | **5** | **12** | **0** | **1** | **1** | **29** | | **51** | **80** |

Good quality photographs of training activity:

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 | 03 | 96 | 64 | 160 | 25 | 9 | 6 | 15 | 105 | 70 | 175 |
| KisanMela | 02 | 385 | 165 | 550 | 35 | 13 | 5 | 18 | 398 | 170 | 568 |
| KisanGhosthi | 09 | 173 | 97 | 270 | 30 | 15 | 12 | 27 | 188 | 109 | 297 |
| Exhibition | 06 | 1135 | 705 | 1840 | 40 | 52 | 25 | 77 | 1187 | 730 | 1917 |
| Film Show | 25 | 490 | 260 | 750 | 48 | 40 | 25 | 65 | 530 | 285 | 815 |
| Method Demonstrations | 15 | 192 | 108 | 300 | 60 | 42 | 18 | 60 | 234 | 126 | 360 |
| Farmers Seminar | 15 | 286 | 194 | 450 | 45 | 27 | 13 | 40 | 313 | 207 | 520 |
| Workshop | 03 | 95 | 65 | 160 | 25 | 15 | 6 | 21 | 110 | 71 | 181 |
| Group meetings | 20 | 275 | 125 | 400 | 30 | 36 | 24 | 60 | 311 | 149 | 460 |
| Lectures delivered as resource persons | 35 | 800 | 950 | 1750 | 35 | 240 | 110 | 350 | 1040 | 1060 | 2100 |
| Advisory Services | 58 | - | - | 68186 | 30 | - | - | 1250 | - | - | 69436 |
| Scientific visit to farmers field | 112 | 410 | 150 | 560 | 40 | 22 | 12 | 34 | 432 | 162 | 594 |
| Farmers visit to KVK | 12 | 1411 | 939 | 2350 | 45 | 44 | 25 | 69 | 1455 | 964 | 2419 |
| Diagnostic visits | 25 | 135 | 48 | 183 | 50 | 14 | 18 | 32 | 149 | 66 | 215 |
| Exposure visits | 02 | 20 | 0 | 20 | 20 | 2 | 1 | 3 | 22 | 1 | 23 |
| Ex-trainees Sammelan | 01 | 12 | 8 | 20 | 15 | 3 | 2 | 5 | 15 | 10 | 25 |
| Soil health Camp | 01 | 45 | 5 | 50 | 35 | 5 | 3 | 8 | 50 | 8 | 58 |
| Animal Health Camp | 01 | 34 | 22 | 56 | 100 | 8 |  | 7 | 42 | 22 | 64 |
| Agri mobile clinic | 05 | 112 | 38 | 150 | 30 | 16 | 9 | 25 | 128 | 47 | 175 |
| Soil test campaigns | 01 | 125 | 25 | 150 | 20 | 5 | 3 | 8 | 130 | 28 | 158 |
| Farm Science Club Conveners meet | - | - | - | - | - | - | - | - | - | - | - |
| Self Help Group Conveners meetings | 02 | 0 | 60 | 60 | 40 | 4 | 6 | 10 | 4 | 66 | 70 |
| MahilaMandals Conveners meetings | - | - | - | - | - | - | - | - | - | - | - |
| Celebration of important days (VanaMahotsav Week) | 01 | 43 | 7 | 50 | 12 | 2 | 2 | 4 | 45 | 9 | 54 |
| Celebration of important days (National Fish Farmers day) | 01 | 42 | 8 | 50 | 50 | 2 | 1 | 3 | 44 | 9 | 53 |
| Celebration of important days (HarGharTiranga) | 01 | 20 | 30 | 50 | 20 | 4 | 3 | 7 | 24 | 33 | 57 |
| Celebration of important days (World Food Day) | 01 | 10 | 50 | 60 | 40 | 3 | 1 | 4 | 13 | 51 | 64 |
| Celebration of important days (Vigillance Awareness Week) | 01 | 15 | 45 | 60 | 30 | 1 | 2 | 3 | 16 | 47 | 63 |
| Sankalp Se Siddhi |  |  |  |  |  |  |  |  |  |  |  |
| Swatchta Hi Sewa | 01 | 33 | 27 | 40 | 25 | 2 | 2 | 4 | 35 | 31 | 66 |
| MahilaKisan Divas | 01 | 0 | 50 | 50 | 100 | 2 | 2 | 5 | 2 | 52 | 54 |
| Any Other (Awareness on seed Treatment) | 01 | 42 | 8 | 50 | 49 | 1 | 3 | 4 | 43 | 11 | 54 |
| Any Other (PM Kisan SammanNidhi) | 01 | 46 | 40 | 86 | 40 | 10 | 5 | 15 | 56 | 45 | 101 |
| Any Other (Live Webcasting on lauch of NPSS) | 01 | 17 | 13 | 30 | 20 | 4 | 3 | 7 | 21 | 16 | 37 |
| Any Other (EkPedMaakeNaam) | 01 | 14 | 16 | 30 | 25 | 4 | 3 | 7 | 18 | 19 | 37 |
| Any Other (OUAT Foundation Day) | 01 | 10 | 30 | 40 | 30 | 2 | 3 | 5 | 12 | 33 | 55 |
| Any Other (PM Kisan Utsav) | 01 | 24 | 6 | 30 | 60 | 3 | 3 | 6 | 27 | 9 | 36 |
| Any Other (Awareness on renewable energy) | 01 | 26 | 4 | 30 | 10 | 4 | 1 | 5 | 30 | 5 | 35 |
| Any Other (Awareness on Organic Farming) | 01 | 31 | 19 | 50 | 20 | 2 | 3 | 5 | 33 | 22 | 55 |
| Any Other (1st Krishi Choupal) | 01 | 17 | 3 | 20 | 15 | 2 | 1 | 3 | 19 | 4 | 23 |
| Any Other (3rdKrishi Choupal) | 01 | 16 | 4 | 20 | 15 | 2 | 1 | 3 | 18 | 5 | 23 |
| Any Other (4thKrishi Choupal) | 01 | 0 | 20 | 20 | 40 | 1 | 0 | 1 | 1 | 20 | 21 |
| Any Other (Farmer-Scientist Expert interaction) | 02 | 35 | 5 | 40 | 30 | 4 | 3 | 7 | 39 | 8 | 47 |
| Total |  |  |  |  |  |  |  |  |  |  |  |

B. Other Extension activities

|  |  |
| --- | --- |
| Nature of Extension Activity | No. of activities |
|
| Newspaper coverage | 21 |
| Radio talks | 03 |
| TV talks | 11 |
| Popular articles | 05 |
| Extension Literature | 05 |
| Other, if any |  |

Good quality photographs of Extension activity:

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

# *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 |
| Finger millet | Arjun | 1.50 | 9225 | 15 | 0 | 0 | 0 | 10 | 0 | 25 | 0 |
| Toria | Sushree | 0.80 | 7640 | 12 | 5 | 3 | 0 | 0 | 0 | 15 | 5 |
| Dhanicha | Local | 0.90 | 3528 | 11 | 0 | 0 | 0 | 27 | 2 | 38 | 2 |
| Sesamum | OUAT Kalinga Sesame 1 | Maturity Stage |  |  |  |  |  |  |  |  |  |
| Grand Total |  | 3.2 | 20393 | 38 | 5 | 3 | 0 | 37 | 2 | 78 | 7 |

Good quality photographs of seed production

# 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** |  |  |  |  |  |  |  |  |  |  |  |
| Cauliflower | Megha | 927 | 2430 | 18 | 6 | 8 | 3 | 23 | 15 | 49 | 24 |
| Cabbage | Rarebal | 924 | 2310 | 13 | 19 | 2 | 0 | 43 | 4 | 58 | 23 |
| Tomato | Arkarakshak, Arkaapakhya,Arkavishesh | 10418 | 26045 | 43 | 24 | 15 | 17 | 59 | 17 | 117 | 58 |
| Brinjal | Blue star | 2230 | 5575 | 16 | 13 | 28 | 26 | 37 | 9 | 81 | 48 |
| Chilli | ArkaHarita | 1582 | 3955 | 7 | 9 | 18 | 11 | 07 | 03 | 32 | 23 |
| Onion | Agri found light red | 68200 | 6820 | 24 | 5 | 4 | 7 | 63 | 34 | 91 | 46 |
| Knolkhol | Indam Jumbo | 996 | 2490 | 22 | 3 | 5 | 8 | 62 | 31 | 89 | 42 |
| Capsicum | California Wonder | 62 | 248 | 4 | 2 | 1 | 0 | 10 | 3 | 15 | 5 |
| **Fruits** |  |  |  |  |  |  |  |  |  |  |  |
| Mango |  |  |  |  |  |  |  |  |  |  |  |
| Guava |  |  |  |  |  |  |  |  |  |  |  |
| Lime |  |  |  |  |  |  |  |  |  |  |  |
| Papaya | Red lady | 2162 | 54050 | 11 | 6 | 11 | 3 | 72 | 13 | 94 | 22 |
| Banana |  |  |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |  |  |
| Ornamental plants | Marigold (Ceracol) | 11267 | 22534 | 16 | 31 | 14 | 11 | 6 | 19 | 36 | 61 |
| Medicinal and Aromatic | Aloe vera | 3 | 30 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 0 |
| Medicinal and Aromatic | Lemon grass | 23 | 69 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 0 |
| Plantation | Arecanut (Mohit Nagar) | 180 | 14400 | 0 | 0 | 4 | 0 | 19 | 22 | 23 | 22 |
| Spices |  |  |  |  |  |  |  |  |  |  |  |
| Turmeric |  |  |  |  |  |  |  |  |  |  |  |
| Tuber |  |  |  |  |  |  |  |  |  |  |  |
| Elephant yams |  |  |  |  |  |  |  |  |  |  |  |
| Fodder crop saplings |  |  |  |  |  |  |  |  |  |  |  |
| Forest Species | Acacia | 225 | 2250 | 13 | 9 | 5 | 6 | 24 | 5 | 42 | 20 |
| Forest Species | Teak | 199 | 2457 | 3 | 4 | 0 | 0 | 30 | 20 | 33 | 24 |
| Forest Species | Neem | 50 | 1500 | 4 | 3 | 2 | 1 | 0 | 0 | 6 | 4 |
| Forest Species | Bakula | 50 | 1500 | 3 | 4 | 0 | 0 | 25 | 18 | 28 | 22 |
| Others, Drumstick | ODC 3 | 689 | 10335 | 15 | 8 | 4 | 7 | 23 | 4 | 42 | 19 |
| Dragon fruit | CHES 1 | 36 | 1800 | 5 | 0 | 3 | 0 | 0 | 0 | 8 | 0 |
| **Total** |  | **100223** | **160798** | **220** | **142** | **131** | **105** | **448** | **179** | **799** | **426** |

Good quality photographs of planting materials:

**Production of Bio-Products**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name of product | Quantity | Value (Rs.) | No. of Farmers benefitted | | | | | | | |
| Kg |
|  |  |  | SC | | ST | | Other | | Total | |
|  |  |  | M | F | M | F | M | F | M | F |
| Bio-fertilizers (vermicompost) | 1840 | 36800 | 77 | 10 | 3 | 0 | 54 | 2 | 134 | 12 |
| Bio-pesticide |  |  |  |  |  |  |  |  |  |  |
| Bio-fungicide |  |  |  |  |  |  |  |  |  |  |
| Bio-agents (PS Spawn) | 1160 | 16240 | 6 | 14 | 0 | 0 | 6 | 2 | 12 | 16 |
| Earthworm | 26 | 13000 | 7 | 3 | 0 | 0 | 7 | 0 | 14 | 3 |
| Vermiwash | 50 | 500 | 7 | 0 | 1 | 0 | 14 | 0 | 22 | 0 |
| Total | **3076** | **66540** | **97** | **27** | **4** | **0** | **81** | **4** | **182** | **31** |

Good quality photographs of bio-products:

# Production of livestock materials

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Particulars of Live stock | Name of the breed | Number | Value (Rs.) | No. of Farmers benefitted | | | | | | | |
|  |  |  |  | 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) | Kuroiler  21days old chick | 2219 | 177520 | 9 | 15 | 1 | 0 | 15 | 5 | 25 | 6 |
| Japanese Quail |  |  |  |  |  |  |  |  |  |  |  |
| Turkey |  |  |  |  |  |  |  |  |  |  |  |
| Emu |  |  |  |  |  |  |  |  |  |  |  |
| Ducks | Khaki Campbell  21days old Duckling | 500 | 35000 | 10 | 6 | 0 | 0 | 0 | 0 | 10 | 6 |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  |  |  |  |  |  |  |
| Piglet |  |  |  |  |  |  |  |  |  |  |  |
| Hog |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |
| Fisheries |  |  |  |  |  |  |  |  |  |  |  |
| Indian carp |  |  |  |  |  |  |  |  |  |  |  |
| Exotic carp |  |  |  |  |  |  |  |  |  |  |  |
| Mixed carp |  |  |  |  |  |  |  |  |  |  |  |
| Fish fingerlings |  |  |  |  |  |  |  |  |  |  |  |
| Spawn |  |  |  |  |  |  |  |  |  |  |  |
| Others (Ornamental Fish) | Ornamental Fish | 300 | 1500 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 |
| Grand Total |  | **3019** | **214020** | **19** | **21** | **1** | **0** | **20** | **5** | **40** | **12** |

Good quality photographs of livestock and fisheries:

**3.5. b. Seed Hub Programme-*“Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India”:* No seed hub prog for 2024-25 at KVK, Balasore**

i) Name of Seed Hub Centre:

|  |  |
| --- | --- |
| Name of Nodal Officer : |  |
| Address : |  |
| e-mail : |  |
| Phone No. :  Mobile : |  |

ii) Quality Seed Production Reports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Season | Crop | Variety | Production (q) | | | |
| Target | Area sown (ha) | Production | Category of Seed (F/S, C/S) |
| Kharif 2023 |  |  |  |  |  |  |
| Rabi 2021-22 |  |  |  |  |  |  |
| Summer/Spring 2023 |  |  |  |  |  |  |
| Kharif 2023 |  |  |  |  |  |  |
| Rabi 2022-2023 |  |  |  |  |  |  |

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 |
| 2020-21 |  |  |  |  |
| 2021-22 |  |  |  |  |
| 2022-23 |  |  |  |  |
| 2023-24 |  |  |  |  |

iv) Infrastructure Development

|  |  |
| --- | --- |
| Item | Progress |
| Seed processing unit |  |
| Seed storage structure |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item | Title | Author’s name | Number | Circulation |
| Research paper | 1. Effect of seed Biopriming on growth,Yield and Economics of *Rabi* Green gram(*vignaradiata* L. ) in Rainfed condition of Balasore district of Odisha 2. Management skill of the farmers in flood and cyclone disaster in Balasore district 3. Impact of Cluster Front Line Demonstration (CFLD) on Yield & Economics of Toria in Rain-fed North Eastern Coastal Plain Zone of Odisha | 1. Niroj Kumar Jena**,** Dr. Pravamanjari Giri**,** Dr. Manoj Kumar Jena**,** Dr. Kamalakanta Behera,**,** Dr. Amita rani Patra**,** Dr. Swagatika Sahu 2. Dr.Kamalakanta Behera,Niroj Kumar Jena**,** Dr. Pravamanjari Giri**,** Dr. Amita rani Patra**,** Dr. Swagatika Sahu 3. Niroj Kumar Jena**,** Dr. Pravamanjari Giri**,** Dr.Kamalakanta Behera**,** Dr. Amita rani Patra,Dr. Manoj Kumar Jena**,** Dr. Swagatika Sahu | 1. 1 2. 1 3. 1 | 1. Legume Research-An International Journal(Online circulation) 2. International Journal of Agriculture Extension and Social Development) 3. Asian Journal of Soil Science and Plant Nutrition |
| Seminar/conference/ symposia papers | Performance ofclimate smart cultivars of rice for higher productivity | Dr. Pravamanjari Giri, Niroj Kumar Jena**,** Dr. Kamalakanta Behera,**,** Dr. Amita rani Patra, Dr. Swagatika Sahu | 1 | Internationalconference Building Small Holder Climate Resilience for Achieving Sustainable Food  Systems at OUAT, Bhubaneswar during 17-19 September 2024 |
| Books | - | - | - | - |
| Bulletins | - | - | - | - |
| News letter | The Shyamala | KVK, Balasore | 500 | Among farmers, line dept. officials, DEE |
| Popular Articles | Influence of water-soluble fertilizers on  Crop growth & yield in greengram | Niroj Kumar Jena | 1 | Current Trends in Agriculture & Allied Sciences (Volume 3) |
| Book Chapter | Determination of Seed Yield and Quality as Influenced by Integrated Nutrient Management in Groundnut  (*Arachishypogaea*) | Niroj Kumar Jena | 1 | Book on Current Research Progress in Agricultural sciences – vol. 1 |
| Extension Pamphlets/ literature | 1. Scientific Production of Fry, Fingerling and Yearling - Booklet 2. Scientific Cultivation of Groundnut Crop - Booklet 3. Natural Farming- Booklet 4. Vermicompost Production- Booklet | 1. Dr. Swagatika Sahu, Dr. Kamalakanta Behera, Mr. Niroj Kumar Jena, Dr. Amita Rani Patra, Er. AmitJyotiMajhi 2. Dr. Kamalakanta Behera, Dr. Swagatika Sahu, Mr. Niroj Kumar Jena, Er. AmitJyotiMajhi, Dr. Amita Rani Patra 3. Dr Swagatika Sahu, Niroj Kumar Jena, Dr Kamalakanta Behera,DrAmitarani Patra, ErAmitjyotiMajhi 4. Niroj Kumar Jena, Dr. Swagatika Sahu, Dr. Kamalakanta Behera, Dr. Amita Rani Patra, Er. AmitJyotiMajhi | 1. 500 2. 500 3. 300 4. 500 | Among farmers, line dept. officials, DEE, OUAT Library |
| Technical reports | 1. APR, 2024 (ATARI) 2. APR, 2024-25 (DEE) 3. 28th SAC report 4. CFLD report (Oilseed) 5. ZREAC 2025 Report | * NK Jena, Prog. Asst. (Seed Sc.) * KK Behera Scientist (Ag. Extension | - | Among farmers, line dept. officials, DEE |
| Electronic Publication (CD/DVD etc.) | 1. IFS 2. Poultry farming 3. Mushroom cultivation 4. Value addition of milk 5. Vermicompost production 6. INM in Paddy 7. Apple ber cultivation 8. Azolla cultivation for livestock feed | Dr. Swagatika Sahu,  Dr. Kamalakanta Behera,  Dr. Amita Rani Patra  Er. AmitJyotiMajhi  Niroj Kumar Jena, | 8 | Online Circulation |
| TOTAL |  |  |  |  |

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** |
|  | Workshop | Zonal Research and Extension Advisory Council -2024 | Dr. Swagatika Sahu, Senior Scientist & Head  Dr. Kamalakanta Behera, Scientist (Ag. Extension)  Dr. Amita Rani Patra, (Home Sc.) | 29.4.2024 | RRTTS, RanitalBhadrak |
|  | Workshop | State Level Research and Extension Council-2024 | Dr. Swagatika Sahu, Senior Scientist & Head  Dr. Kamalakanta Behera, Scientist (Ag. Extension) | 27.05.2024-29.05.2024 | OUAT, Bhubaneswar |
|  | Workshop | Zonal Workshop-2024 | Dr. Swagatika Sahu, Senior Scientist & Head | 27.08.2024-29.08.2024 | ICAR-ATARI, Kolkata |
|  | International Conference | International conference  Building small holder climate resilience for achieving sustainable food systems | Dr. Pravamanjari Giri, Scientist (Agronomy) | 17.09.2024-19.09.2024 | OUAT, Bhubaneswar |
|  | Refresher training | Livestock Husbandry. A promising avenue for livelihood enhancement | Dr.KamalakantaBehera  Scientist(Ag.Extension) | 6.11.2024 to 8.11.2024  (3 days) | College of Veterinary,OUAT,Bhubaneswar |
|  | Refresher training | New cutting technology in Mushroom Sector | Dr. Amita Rani Patra, Scientist (Home Sc.) | 24.2.2025-25.2.2025 | DEE,OUAT & CTMRT, OUAT |
|  | Refresher training | Appropriate technologies on farm mechanization and postharvest processing for sustainable development | Er. AmitJyotiMajhi,  SMS (Ag. Engineering) | 3.3.2025-4.32025 | DEE,OUAT & CAET, OUAT |
|  | Training on PFMS | Training on PFMS under CFLD Oilseeds & pulses | Mr. P.K. Swain  Jr. Steno-cum-Computer Operator | 06.03.2025 | ICAR-ATARI, Kolkata |
|  | Refresher training | Training on Pest Management in Natural Farming | L.K. Murmu, Farm Manager | 25.03.2025-26.03.2025 | DEE,OUAT |
|  | Refresher training | Effective writing of Extension Literature and Managing Extension Activities | Dr. Kamalakanta Behera  Scientist (Ag. Extension) | 26.03.2025 | DEE,OUAT |
|  | Exposure visit | Exposure visit to ICAR-CIFA, Kaushalyaganga | Dr. S. Sahu, SS&H | 26.03.2025 | DEE,OUAT |
|  | Refresher training | Training on App Development | Mr. RaghunathSoren  PA (Computer) | 27.03.2025 | DEE,OUAT |
|  | Exposure visit | Exposure visit to FPO & Entrepreneur & KVK, Bhadrak | Dr. S. Sahu, SS&H,  Er. AmitJyotiMajhi,  SMS (Ag. Engineering)  N.K. Jena, Prog. Asst. (Seed Sc.)  L.K. Murmu, Farm Manager | 28.03.2025 | DEE, OUAT & KVK, Bhadrak |

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

|  |  |
| --- | --- |
| Name of farmer | Sapan Kumar Masanta |
| Address | Khalmuhani, Baliapal |
| Contact details (Phone, mobile, email Id) | 7008262653 |
| Landholding (in ha.) | 1.0ha |
| Name and description of the farm/ enterprise | Mustard, Green gram |
| Economic impact | The technology on use of bioconsortia in Rapeseed **(**Use of bioconsortia@12kg/ha incubated in 300kg Vermicompost for 7days & applied during sowing) was demonstrated in this farmers field.  8.2q/ha yield is recorded in Rapeseed (FLD on use of bioconsortia in Rapeseed) with 28.1% increase from Farmers practice. Also Net income generated from this technology is 45100/- per ha with BC ration 2.16. |
| Social impact | Farmers from nearby villages of Baliapal, Basta also motivated & adopted the same technology for nutrient management in Rapeseed |
| Environmental impact | The technology combines the use of biofertilizers& chemical fertilizers for higher yield, low use of major fertilizers & pesticides thereby decreasing soil & air pollution |
| Horizontal/ Vertical spread | The technology has been spread over around 30ha area |
| Good quality photographs (2-3) |  |

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 |
| 01 | Video Conference, Webcasting | KVK, Balasore | Training programme through Video conferencing in Zoom & Google meet |

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** |
|  | Rice | Spraying of Rotten extracts of snail | To eradicate Gundhi bug |
|  | Rice | Spraying of cow dung slurry | To prevent grazing of cows into the crop field |
|  | Rice | Use of Tender coconut pieces | To control algal problem in paddy field |
|  | Brinjal | Sprinkling of ash | To eradicate Epilachna beetle |
|  | Pulse | Mixing of mustard oil | For safe storage & to avoid attack of pulse beetle |
|  | Field crop | Spraying of egg, washing powder solution | To avoid grazing by bull |

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) |
| 1 | Paddy | 0.2 | 39.5q/ha | 01 | Yes |
| 2 | Apple Ber | 0.2 | 1q | 15 | Yes |

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** |
|  | PRA | Problem identification |
|  | Group discussion | Problem prioritization |
|  | Diagnostic field visit | To identify disease & pest problem |
|  | Focused Group discussion | Problem identification & prioritization |
|  | Audio & video conference | Problem identification |

3.11. a. Details of equipment available in Soiland Water Testing Laboratory

|  |  |  |
| --- | --- | --- |
| Sl. No | Name of the Equipment | Qty. |
| 1 | Mridaparikhyak | 2 |
| 2 | BOD incubator | 1 |
| 3 | Hot air oven | 1 |
| 4 | Compound microscope | 1 |
| 5 | Centrifuge | 1 |

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 |  |  |  |
| 400 | - | 400 | 400 | 15 | - |

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 |
| 1 | World Soil Day | 50 | - | - | 20 | 20 |

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 |
| - | - | - | - |

3.14. RAWE/ FETprogramme - is KVK involved? (Yes)

|  |  |
| --- | --- |
| No of student trained | No of days stayed |
| 30 | 01 |

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

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

|  |  |  |
| --- | --- | --- |
| Date | Name of the person | Purpose of visit |
| 18.06.2024 | Sj. Pratap Chandra Sarangi, Hon’ble MP, Balasore | Live webcasting of PM Kisan SammanNidhi |
| 05.07.2024 | Dr. P.K. Mohanty, JD, DEE, OUAT | Monitoring of KVK activity |
| 08.11.2024 | Dr. KalyanSundar Das, Principal Scientist ICAR-ATARI-Kolkata | 28th SAC Meeting of KVK, Balasore |
| 08.11.2024 | Dr. P.K. Mohanty, JD, DEE, OUAT | 28th SAC Meeting of KVK, Balasore |
| 18.11.2024-20.11.2024 | Sj. SantoshKhatua, Hon’ble MLA, Nilagiri | KVK Exhibition stall visit during Subdivision level Farm Mechanization Mela-2024 |
| 30.01.2025 | ElakiyaAnantkrishnan, Development innovation Lab, University of Chicago | Survey for Weather related information |

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) |
| Application of bioconsortia in Rapeseed | 20 | 40% | 27900 | 38500 |
| Use of CIFRI argcure (Tandav) for controlling argulusin poly-culture system | 20 | 50% | 241000 | 310400 |

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 |
| Integrated Crop Management in Sesamum | 110ha |

Give information in the same format as given below

|  |  |
| --- | --- |
| Name of farmer | SadananBiswal |
| Address | AT/PO-Tadada, Block – Basta, Dist-Balasore |
| Contact details (Phone, mobile, email Id) | 8457885008 |
| Landholding (in ha.) | 1.5ha |
| Name and description of the farm/ enterprise | Sesame cultivation |
| Economic impact | An yield of 7.6q/ha sesmum yield is recorded (20.63% increase over control) with net profit generated (Rs 19000/ha) due to Improved package of practices for CFLD Oilseed demonstration |
| Social impact | Crop diversification from Rice-fallow to Rice Sesamum system helps in improving income & livelihood security |
| Environmental impact | Use of Boron &sulphur micronutrient helps in reducing the use of chemical fertilizer & use of yellow sticky trap reduces use of pesticide. Thus improving soil health quality |
| Horizontal/ Vertical spread | Successful transmission of the technology through Field day to more than 100nos. of farmer of Basta  Improved technology forwarded to other farmers &and line dept. officials for horizontal spread |
| Good quality photographs (2-3) |  |

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** |
| 01 | Brooding of Day old chicks for backyard rearing | Farmer can sell 21days old chicks for backyard rearing. Gross return of Rs 8330/- generated per 100 nos. 21day old chick. | Low mortality (2%) which significantly lower than direct rearing of day old chicks (mortality 35%). Adopted by 40nosfarmers of blocks viz. Remuna & Bhograi |

4.4. Details of innovations recorded by the KVK

|  |  |
| --- | --- |
| Thematic area | Drudgery Reduction |
| Name of the Innovation | Modified Straw cutter for mushroom production |
| Details of Innovator | JasobantPradhan, Biraparulia, Baliapal |
| Back ground of innovation | Use of Manual straw cutter for straw mushroom production leads to high cost of production & time consuming. |
| Technology details | Power operated straw cutter using 2nos. 1.0hp Motor.  Cutting of straw bundle (no./hr)- 1600bundle with use on 2nos. labour |
| Practical utility of innovation | Useful for paddy straw mushroom cultivation  Cutting of 1400nos. more straw bundle in 1 hour than manual cutter which leads to drudgery reduction, labour & time saving thereby reducing cost of cultivation |

4.5. Details of entrepreneurship development

|  |  |
| --- | --- |
| Entrepreneurship development | |
| Name of the enterprise | MUSHROOM PRODUCTION |
| Name & complete address of the entrepreneur | Name-JayantiKhanda  Age -40, Education –Matric  Address-At/ Po –Chaumukh, Block –Baliapal , Balasore  Contact no-9776634290 |
| Role of KVK with quantitative data support: | Mrs.Khanda visited KVK in search of technical knowledge after low income from sandal stick production& attended training programme on “mushroom cultivation for income generation” in 2019-20  In 2023-24, FLD on installation of fogger in mushroom production unit conducted by KVK |
| Timeline of the entrepreneurship development | 2019-20:- Started Mushroom Cultivation in open space  2020-21:- Started 01nos. shade net house  2021-22:- Started 03nos. cement tank for soaking of straw  2023-24:- Installation of Fogger& Hygrometer for humidity management in summer season  2024-25:- Cemented structure (pillar & Shelf) for bed preparation& purchase of power operated straw cutter |
| Technical Components of the Enterprise | Production of paddy straw and oyster mushroom in shade net (75%mesh)house  Installation of Fogger & Hygrometer for humidity management  Use of power operated straw cutter for time & labour saving |
| Status of entrepreneur before and after the enterprise | The entrepreneur used to get annual income of Rs. 0.5 lakh from Paddy, Vegetable &agarbati. After setting mushroom production unit, She earns an annual income of Rs5.1 lakh |
| Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc.  ( Economic viability of the enterprise): | At Present, she is purchasing mushroom spawn from nearby spawn producer.  She has engaged 06nos. labour in the mushroom unit.  Consumer prefers the paddy straw mushroom more than oyster mushroom.  She has been supplying the mushroom to Balasore Town & nearby local market.  Production of 52q mushroom (PSM-32q from 4000 bed, oyster-20q from 1000 bed) per annum  Expenditure:- 2,40,000/- per annum  Gross Return:- 750000/- per annum  Net return :- 510000/- per annum |
| Horizontal spread of enterprise | Mrs. Khandahas imparted training to 25no of WSHG members of Baliapal Block. |

* 1. Any other initiative taken by the KVK
* Training on Natural Farming – 02 nos. – 04days – 80nos. farmers trained

5. LINKAGES

5.1. Functional linkage with different organizations

|  |  |
| --- | --- |
| **Name of organization** | **Nature of linkage** |
| Agriculture dept. | Safe use of pesticide, Soil health card scheme, DAESI training, NFSM, TRFA, ATMA, Training, Joint visit for BLB & Neck Blast, MukhyamantriMakaMisan, Exposure visit to KVK, Exhibition, World Soil day, INS training, Field Day etc |
| Horticulture dept. | QPM verification, Training, Exposure visit to KVK, Verification of Scheme |
| Veterinary dept. | Animal health camp, Chick Procurement, matsya&pranisampadmela |
| OLM, Balasore | Training to WSHG Groups, Producer groups, Exposure visit, INS training |
| NABARD | Workshop on FPOs, Technical support for crop diversification Project & FPOs |
| IFFCO | Training, Field visit to Nano urea trial area |
| Fishery | Training programme, World fisheries day, matsya&pranisampad mela |
| Watershed | R-E Linkage, Training to Farm pond plus beneficiaries |
| Forestry | ECRICC project |
| Tata Steel Foundation | Training & Technical guidance |
| DSWO | Training to ICDS workers under INS training |
| MPEDA | Training Programme |
| Mission Shakti | Training Prog. to WSHGs |
| FM University | Odisha Research Conclave |
| ORMAS | Workshop for FPOs |
| AICRP Jute | Training Programme |
| ICAR-CIFA | Exposure visit |

5.2. List of special programmes undertaken during 2024by 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.) |
| Centre of excellence for FPOs | Strengthening of FPO activity | March, 2025 | Govt of Odisha | 102000/- |

1. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of demo Unit | Year of est. | Area(Sq.mt) | Details of production | | | Amount (Rs.) | | Remarks |
| Variety/breed | Produce | Qty. | Cost of inputs | Gross income |
|  | Vermi-compost unit | 2010-11 | 02nos.of tank | Vermicompost | Vermicompost | 1840kg | 5000 | 36800 |  |
|  | Vermi-compost unit | 2010-11 | 02nos.of tank | Eiseniafetida | Earthworm | 26kg | 13000 |  |
|  | Vermiwash Unit | 2023-24 | 02 Tank | *Eiseniafetida* | Vermiwash | 50ltr | 500 |  |
|  | Azolla unit | 2011-12, 2024-25 | 3tank, 4round tank, 1 polythene azolla bed | Azolla pinnata, Azolla caroliniana Azolla microphylla | Azolla | 28kg | 452 | 1120 |  |
|  | Shade- net unit | 2011-12 | 30\*15ft | Seedling and sapling | Planting materials | 12722 | 2756 | 56875 |  |
|  | Mushroom spawn | 2010-11 | 01nos | Paddy straw and oyster | spawn | 1160no. | 9042 | 16240 |  |
|  | Mushroom production unit | 2024-25 | 01nos | Paddy straw | Mushroom | 42kg | 2980 | 5040 |  |
|  | Mushroom production unit | 2024-25 | 01nos | Oyster | Mushroom | 97kg | 1260 | 5820 |  |
|  | Polyhouse unit | 2022-23 | 01nos | Seedling | Vegetable planting material | 87501 | 31772 | 103923 |  |
|  | Poultry Brooding Unit | 2011-12 | 01nos | Kuroiler  OUAT Kalinga  pallishree | Poultry chicks | 2224no. | 124506 | 177920 |  |
|  | Duckery | 2011-12 | 01nos | Khaki campbell | Ducklings | 500 | 15500 | 35000 |  |
|  | Honey Bee Unit | 2022-23 | 06nos. | Maliferaindica | Honey | 7.5kg | 1356 | 5250 |  |
|  | Colour fish Unit | 2024-25 | 5nos. tank | Black mooly, Guppy, Gold fish |  | 500 | 452 | 1500 |  |

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 |
| Ragi | 12.08.2024 | 18.10.2024 | 0.4 | Arjun | TL Seed | 1.5 | 2712 | 9225 | Distributed under FLD |
| Toria | 25.11.2024 | 05.02.2025 | 0.4 | Sushree | TL Seed | 0.80 | 3164 | 7640 | Lifted by OSSC |
| Dhanicha | 25.06.2024 | 25.10.2024 | 0.4 |  | TL Seed | 0.90 | 1939 | 3528 | Public sale to farmer |
| Sesamum | 25.02.2025 | - | 0.4 | Smarak | TL Seed | - | - | - | Siliqua formation stage |
| Marigold | 15.9.2024 | 29.12.2024 | 0.02 | Seracola | Flower | 17kg | 226 | 680 |  |
| Coconut | - | 27.03.2025 | 0.05 | Local | Tender coconut | 44 | 452 | 880 |  |
| Bitter gourd | 10.1.2025 | 27.03.2025 | 0.01 | Nandita | Fruit | 15kg | 150 | 300 |  |
| Brinjal | 29.12.2024 | 27.03.2025 | 0.01 | Blue star | Fruit | 9.35kg | 110 | 187 |  |
| Okra | 08.12.2024 | 27.03.2025 | 0.01 | Radhika | Fruit | 46kg | 120 | 460 |  |
| Ridge Gourd | 29.07.2024 | 16.10.2024 | 0.01 | Deepthi | Fruit | 23kg | 100 | 230 |  |
| Cucumber | 2.7.2024 | 20.9.2024 | 0.01 | Malini | Fruit | 15kg | 80 | 150 |  |
| Cauliflower | 2.10.2024 | 29.01.2025 | 0.01 | Yellow cauliflower | Head | 6.5kg | 50 | 130 |  |
| Broccoli | 18.9.2024 | 29.12.2024 | 0.01 | Solan Green | Broccoli | 6kg | 50 | 120 |  |
| Dragon fruit |  | 28.12.2024 | 0.01 | CHES 1 | Fruit | 7.75kg | - | 775 |  |

* 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 |
|  | Earthworm | 26kg | 5000 | 13000 | - |
|  | Vermicompost | 1840kg | 36800 | - |
|  | Vermiwash | 50ltr | 500 | - |
|  | Mushroom Spawn | 1160nos. | 9042 | 16240 |  |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No | Nameof the animal / bird / aquatics | Details of production | | | Amount (Rs.) | | Remarks |
| Breed | Type of Produce | Qty. | Cost of inputs | Gross income |
|  | Poultry Unit | Kuroiler | Meat | 6kg | - | 900 |  |
|  | Poultry Unit | OUAT Kalinga Pallishree | Egg | 13 | - | 91 |  |
|  | Duckery Unit | Khaki Campbell | Meat | 4kg | - | 560 |  |
|  | Ornamental Fish Unit | Ornamental Fish | Ornamental Fish | 500 | - | 1500 |  |

* 1. Utilization of hostel facilities

Accommodation available (No. of beds): **Hostel is declared as unsafe & not in use**

|  |  |  |  |
| --- | --- | --- | --- |
| Months | No. of trainees stayed | Trainee days  (days stayed) | Reason for short fall (if any) |
| - | - | - | - |
| Total : |  |  |  |

(For whole of the year)

* 1. **Utilization of staff quarters**

Whether staff quarters has been completed: Yes

No. of staffquarters: 4

Date of completion: 2008

Occupancy details:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Months | Q I | QII | Q III | QIV |
| April, 2024-  March, 2025 | Dr. SwagatikaSahu,  SS&H | RaghunathSoren  PA (Computer) | Debendranath Das  Peon-cum-WatchmanLeft Qtron 31.12.2024 due to Retirement (Vacant since 01.01.2025) | Rajesh Kumar Behera  Driver |

1. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

|  |  |  |  |
| --- | --- | --- | --- |
| Bank account | Name of the bank | Location | Account Number |
| Current Account | State Bank of India | Baliapal | 11524957372 |
| Current Account | State Bank of India | Baliapal | 42991906229 |
| Savings Account | State Bank of India | Baliapal | 41576555622 |
| Savings Account | State Bank of India | Baliapal | 42331329561 |
| Savings Account | State Bank of India | Baliapal | 42331333599 |
| Savings Account | State Bank of India | Baliapal | 41992852803 |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Released by ICAR | | Expenditure | | Unspent balance as on -1st April 2025 |
| Kharif | Rabi | Kharif | Rabi |
| Summer Groundnut |  | 807000 |  | 754209 | 72791 |

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 | 150000 | 150000 | 150000 |
| 3 | HRD | 30000 | 30000 | 28810 |
| 4 | Contingencies | | | |
| *A* | Stationary, telephone, postage and other exp. On office running | 400000 | 400000 | 400000 |
| *B* | POLs. Repair of vehicles, tractor and equipment |
| *C* | Meals/refreshment of trainees/RY/EF | 225000 | 225000 | 225000 |
| *D* | Training materials |
| *E* | Front line Demonstration except oilseeds and pulses | 113000 | 113000 | 113000 |
| *F* | On-farm trials | 112000 | 112000 | 112000 |
| *G* | SCSP Contingencies | 1000000 | 1000000 | 150000 |
| *H* | Swachhta Expenditure | 0.34 | 0.34 | 0.34 |
| TOTAL (A) | | **20,30,000** | **20,30,000** | **20,28,810** |
| B. Non-Recurring Contingencies | | | | |
| 1 | Library | 10000 | 10000 | 10000 |
| TOTAL (B) | |  |  |  |
| C. REVOLVING FUND | | 0 | 0 | 0 |
| GRAND TOTAL (A+B+C) | | **20,40,000** | **20,40,000** | **20,38,810** |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Opening balance as on 1st April** | **Income during the year** | **Expenditure during the year** | **Net balance in hand as on 1st April of each year (Kind + cash)** |
| 2020-21 | 136351 | 306247 | 421600 | 86364.00 |
| 2021-22 | 86364 | 391028 | 206589 | 199833.70 |
| 2022-23 | 199833.70 | 495512 | 258223 | 183785.67 |
| 2023-24 | 183785.67 | 561219.5 | 299821 | 318602.65 |
| 2024-25 | 318602.65 | 443443 | 304589 | 263593.65 |

* 1. (i) Number of SHGs formed by KVKs: Nil
  2. (ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities: 60

Mushroom Production, value added product of milk, mushroom, vegetable. Jute cultivation, Processing of oilseeds

* 1. (iii) Details of marketing channels created for the SHGs
     + Linkage with OLM & ORMAS for marketing during Exhibition & Fair
     + Linkage with Mission Shakti for marketing at Mission Shakti Bazar, Balasore
     + Linkage with Line dept. for marketing during regional, subdivision level & district level mela
  2. Joint activity carried out with line departments and ATMA

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Nameof activity** | **Number of activity** | **Season** | **With line department** | **With ATMA** | **With both** |
| Diagnostic field visit | 04 | Kharif and Rabi | 04 | - | - |
| QPM Verification | 02 | Rabi, 2023-24 | 01 | - | - |
| Animal Health Camp | 01 | Kharif and Rabi | 01 | - | - |
| Training programme under ECRICC project | 01 | Rabi, 2024-25 | 01 |  |  |

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) |
| Bacterial Leaf Blight | Paddy | February, 2025 | 20ha | 20% | 120ha |
| Neck Blast | Paddy | March, 2025 | 50ha | 40% | 150ha |
| Powdery Mildew | Blackgram | March, 2025 | 10ha | 10% | 50ha |
| Root Rot &Tikka | Groundnut | February, 2025 | 40ha | 15% | 60ha |

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) |
| Argulosis disease in fish | IMC | November, 2024 | 25% | - | 10.0 |

9.1. Nehru YuvaKendra(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 |
| 28.03.2025 | Dr. Amita Rani Patra | 10 | - | - |

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

|  |  |  |
| --- | --- | --- |
| Type of message | No. of messages | No. of farmers covered |
| Crop | 48 | 53000 |
| Livestock | 01 | 2059 |
| Fishery | 01 | 1821 |
| Weather | 02 | 3986 |
| Marketing | 01 | 2059 |
| Awareness | 02 | 1821 |
| Training information | 02 | 676 |
| Other | 01 | 705 |
| **Total** | 58 | 68186 |

9.4. *KVK* Portal and Mobile App

|  |  |  |
| --- | --- | --- |
| Sl. No. | Particulars | Description |
| 1. | No. of visitors visited the portal | 2792 |
| 2. | No. of farmers registered in the portal | 20917 |
| 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 |
| November, 2024 | Awareness on Swachhata in School |
| March, 2025 | Vermicompost production |
| March, 2025 | biodegradable waste management through use of waste decomposer |

b. Details of Swachhta activities with expenditure

|  |  |  |
| --- | --- | --- |
| **Activities** | **Number** | **Expenditure (in Rs.)** |
| 1. Digitization of office records/ e-office | 04 |  |
| 1. Basic maintenance | 08 |  |
| 1. Sanitation and SBM | 10 |  |
| 1. Cleaning and beautification of surrounding areas | 24 | - |
| 1. Vermicomposting/Composting of biodegradable waste management & other activities on generate of wealth for waste | 17 | 30800 |
| 1. Used water for agriculture/ horticulture application | 05 |  |
| 1. Swachhta Awareness at local level | 04 |  |
| 1. Swachhta Workshops | - |  |
| 1. Swachhta Pledge | 03 |  |
| 1. Display and Banner | 02 |  |
| 1. Foster healthy competition | - |  |
| 1. Involvement of print and electronic media | 01 |  |
| 1. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village) | 05 |  |
| 1. No of Staff members involved in the activities | 10 |  |
| 1. No of VIP/VVIPs involved in the activities | - |  |
| 16. Any other specific activity (in details) | - |  |
| **Total** | **93** | **30800** |

9.6. Observation of National Science day

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

9.7. Programme with SeemaSurakshaBal/ 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’ /* ‘*Pre-Kharif 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 |
| - | - | - | - | - | - | -- | - | - | - | - | - | - |

Please provide good quality photographs:

9.10. Details of Swachhta Hi Suraksha/ Swachhta Pakhwadaprogramme organized

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.  No. | Activity | No. of villages Involved | No. of Participants | No. of VIPs | Name (s) of VIP(s) |
| 01 | Awareness, training, method demonstration, vermicomposting | 10 | 300 | - | - |

Please provide good quality photographs:

9.11. Details of MahilaKisan Divas programme organized

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.  No. | Activity | No. of villages Involved | No. of Participants | No. of VIPs | Name (s) of VIP(s) |
| 1 | Mahila Kisan Diwas | 04 | 50 | - | - |

Please provide good quality photographs:

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** |
|  | Amar Kumar Mishra | Choumukh, Baliapal, 7381495192 | Groundnut |
|  | Brajagopal das Adhikary | Baharda,Bhogarai,9078575344 | Dairy product |
|  | Manas Kumar Samanta | Bhanreswar, Baliapal-9178574162 | Paddy seed production, Mustard, Vermicompost |
|  | SadananBiswal | Tadada, Basta - 8457885008 | Mustard, Vermicompost |
|  | Santosh Kumar Dhal | Gadasahi, Jaleswar | Azolla, Paddy, Sesame |

9.13. Revenue generation

| Sl.No. | Name of Head | Income(Rs.) | Sponsoring agency |
| --- | --- | --- | --- |
| 1. | Training Hall Charge | 3000 | DFO, Balasore |
| 2. | Training Hall Charge | 2000 | NIGAM |

9.14. Resource Generation:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.No. | Name of the programme | Purpose of the programme | Sources of fund | Amount  (Rs. lakhs) | Infrastructure created |
| 1 | Biofolc Unit | Demonstration & Training | Tata Steel foundation | 2.0 | 2nos. cemented biofloc tank at KVK |

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 |
| - | - | - |

9.16. Contingent crop planning Scientist

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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 | KVK, Balasore | Contingent crop planning | 01 | 30 | Crop diversification, popularization of climate resilient varieties, community nursery |

10. Report on Cereal Systems Initiative for South Asia (CSISA):**No CSISA programme at KVK, Balasore for FY 2024-25**

1. Year:
2. Introduction / General Information:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Title | Objective | Treatment details | Date of sowing | Replication | Result with photographs |
| Experiment 1 |  |  |  |  |  |  |
| Others (If any) |  |  |  |  |  |  |

Please provide good quality photographs:

11. Details ofDAPST/ TSP: No TSP prog. Allotted to KVK, Balasore

1. Achievements of physical output under TSP during 2024

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Progress of DAPST 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 TSP in 2024-25 (Rs. In lakh):

12. Details of DAPSC/ SCSP

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. | 21 | 15 | 630 | 440 |
| 1.2 | 4-10 days | No. | 7 | 5 | 140 | 150 |
| 1.3 | 2-4 weeks | No. | 0 | 0 | 0 | 0 |
| 1.4 | More than 4 weeks | No. | 0 | 0 | 0 | 0 |
| 2 | **On Farm Trials (OFTs)** | | No. | 0 | 0 | 0 | 0 |
| 3 | **Front Line Demonstrations (FLDs) and other demonstrations** | | No. | 20 | 18 | 400 | 273 |
| 4 | **Awareness camps, exposure visits etc.** | | No. | 10 | 4 | 500 | 160 |
| 5 | **Input Distribution** | |  |  |  |  |  |
| 5.1 | Seeds (Field Crops) | Tonnes | 1 | 0.468 | 60 | 42 |
| 5.2 | Seeds (High Value Crops, spices etc.) | kg | 0.5 | 4.15 | 50 | 30 |
| 5.3 | Seeds (Root & Tuber Crops) | tonnes | 0 | 0 | 0 | 0 |
| 5.4 | Nursery plants | No. | 20000 | 10260 | 60 | 84 |
| 5.5 | Cutting , slips, suckers, etc | No. | 10000 | 9500 | 10 | 35 |
| 5.6 | Mushroom Spawns/ Bio-Fertilizers (in Packets) | Packets | 2000 | 46 | 50 | 38 |
| 5.7 | Honey Bee Colonies | No. | 10 | 0 | 6 | 0 |
| 5.8 | Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.) | No. | 0 | 0 | 0 | 0 |
| 5.9 | Animals-small (pig, sheep, goat etc.) | No. | 0 | 0 | 0 | 0 |
| 5.1 | Poultry chicks / duckling etc | No. | 1500 | 980 | 70 | 40 |
| 5.11 | Fish Spawns/ fingerlings | No. | 20000 | 3000 | 20 | 10 |
| 5.12 | Small equipment's (upto Rs 2000) | No. | 50 | 30 | 50 | 30 |
| 5.13 | Medium Equipment's/ machinery (upto Rs 25000) | No. | 100 | 0 | 0 | 0 |
| 5.14 | Large Equipment's / machinery (> Rs. 25000) | No. | 0 | 0 | 0 | 0 |
| 5.15 | Infrastructure / Civil Works/ Ponds etc | No. | 1 | 1 | 0 | 1 |
| 5.16 | Setting up plant nursery/ seed farm/ hatchery | No. | 1 | 1 | 0 | 1 |
| 5.17 | Land development/ Reclamation / Conservation | hectares | 1 | 1.4 | 0 | 11 |
| 5.18 | Fertilizers (NPK)/ Secondary fertilizers | tonnes | 0.1 | 0 | 30 | 0 |
| 5.19 | Micro nutrients | tonnes | 0.1 | 0.0825 | 25 | 15 |
| 5.2 | FYM/ Vermicompost | tonnes | 1 | 0.735 | 60 | 110 |
| 5.21 | Soil amendments (Gypsum, lime etc.) | tonnes | 0.1 | 0 | 25 | 0 |
| 5.22 | Plant protection chemicals | kg | 20 | 0 | 30 | 0 |
| 5.23 | Plant growth Promoter | kg | 1 | 0 | 20 | 0 |
| 5.24 | Animal Feed | tonnes | 1 | 0.2 | 40 | 4 |
| 5.25 | Animal Fodder | tonnes | 0 | 0 | 0 | 0 |
| 5.26 | Animal medicines | doses | 3000 | 3400 | 400 | 463 |
| 5.27 | Any other (Liquid PSB etc.) | Litre | 0 | 0 | 0 | 0 |
| 6 | **Services/Facilitation** | |  |  |  |  |  |
| 6.1 | Animal Health Camps | No. | 2 | 1 | 100 | 105 |
| 6.2 | Artificial Insemination / Vaccination | No. | 1 | 0 | 50 | 0 |
| 6.3 | Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc) | No. | 0 | 0 | 0 | 0 |
| 6.4 | Testing samples of Soil, plant, water, feed, fodder and livestock | No. | 350 | 270 | 350 | 270 |
| 6.5 | Promotion of agri-entrepreneurship | No. | 15 | 9 | 15 | 154 |
| 6.6 | Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc | No. | 10 | 9 | 100 | 124 |
| 6.7 | Creation of market links of farm produces | No. | 1 | 2 | 15 | 50 |
| 6.8 | Use of Institute Facilities (Processing etc.) (in Hours) | Hours | 0 | 0 | 0 | 0 |
| 6.9 | Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary) | No. | 0 | 0 | 0 | 0 |
| 7 | **Distribution of Literature** | | No. | 6000 | 1500 | 1000 | 1500 |
| **8** | **Employment generation for livelihood** | | (Man-months) | 300 | 530 | 300 | 530 |
| **9** | **Fellowship, Stipends or Scholarship** | | No. | 0 | 0 | 0 | 0 |
| **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 | 0 | 0 | 0 | 0 |
| **11** | **Monitoring & Evaluation of DAPSC/ST (upto 3%)** | | (Rs) | 100000 | 115000 | 600 | 884 |
| **12** | **Any other (specify)** | | - | - | - | - | - |

1. Fund received under SCSP in 2024-25 (Rs. In lakh): 10,00,000/-

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

Technology (ies) popularized/ scaled up during the year

a)

14. Awards/Recognition received by the KVK

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of the Award | Year | Conferring Authority | Amount | Purpose |
|  | Participation Award | 2024 | CDVO, Balasore | - | Matsya o Pranisampad Mela |
|  | Participation Award | 2024 | F.M.University | - | Odisha Research Conclave |
|  | Participation Award | 2024 | CDAO, Balasore | - | Subdivision level Farm Mechanisation Mela |

1. Award received by Farmers from the KVK district

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of the Award | Name of the Farmer | Year | Conferring Authority | Amount | Purpose |
|  | Best FPO | BrajakishoreAdhikary | 2025 | OUAT | - | OUAT Foundation Day |
|  | Progressive Farmer | ShivasankarHazra | 2025 | OUAT | - | OUAT AGRI FAIR |

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

1. 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 |
|  | Subarnarekha Agriculture FPCL | (U01403OR2016PTC019763, DATED . 07.01.2016) | 07.01.2016  AT/PO- Panchurukhi,,  Baliapal, Balasore, | Seed Production  Marketing | Paddy  Mustard | 1067 | 260 |  |
|  | Bhograi FPCL | (U01100OR2016PTC025221, Dated : 11.05.2016) | 11.05.2016  AT/PO-Soharia  PS-Bhograi Balasore | Marketing | Paddy,  Pulse | 500 | 37 |  |
|  | Darubrahma FPCL, Bhograi | 2022 | AT- Bichitrapur, Bhograi, Balasore | Marketing | Betel vine, Areca-nut, Coconut | 338 | 15.48 |  |
|  | Basta FPCL, Basta | 2022 | AT- Mukulsi, Basta, Balasore | Production & marketing | Fish production | 220 | 12.50 |  |
|  | Daridra Narayan Farmers Producer Company Ltd. | 2023 | At/Po : Baharda, Block - Bhogarai | Value addition  Marketing | of Dairy Product | 358 | 2.28 |  |

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 (Please provide good quality photographs)

| 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 2024

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |
|  |  |  |  |  |  |  |  |  |  |  |  |

(Please provide good quality photographs)

b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2024

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |  |
| **Organic Farming** | **Organic Grower** | **24hr** | **10** | **0** | **0** | **0** | **28** | **2** | **38** | **2** | **40** | 84000/- |

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 | District level launching workshop under Centre of Excellence for FPOs | 01.10.2024 | Baliapal | Awareness | 100 |
| 2 | 1st District level Training under Centre of Excellence for FPOs | 10.2.2025 | KVK Campus | Sensitize and capacity building BOD and FPO embers | 25 |
| 3 | 2nd District level Training under Centre of Excellence for FPOs | 07.03.2025 | KVK Campus | Sensitize and capacity building BOD and FPO embers | 25 |
| 4 | 1st Convergence meeting under Centre of Excellence for FPOs | 21.02.2025 | OGB,Balasore | Capacity building of CEO,CBBO etc. of FPO | 30 |
| 5 | 2nd Convergence meeting under Centre of Excellence for FPOs | 12.03.2025 | District Fishery Office,Balasore | Capacity building of CEO,CBBO etc. of FPO | 30 |
| 6 | Exposure visit under Centre of Excellence for FPOs | 21.03.2025 | Mayurbhanj district(MaaDurgadevi Producer Company Limited,GuhaladihiSabai Producer Group) | Capacity building of CEO,CBBO etc. of FPO | 15 |

1. Good quality action photographs of overall achievements of KVK during the year (best 10): will be attached in jpg format

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