**PROFORMA FOR ANNUAL REPORT 2020 (January 2020 to December 2020)**

1. GENERAL INFORMATION ABOUT THE KVK

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

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Telephone | | E mail |
| KVK, Balasore | Office | FAX |  |
| AT/PO-Devog, Via- Singla,Balasore,Pin-756023 | 06781-253303 | - | [kvkbalasore.ouat@gmail.com](mailto:kvkbalasore.ouat@gmail.com),[pckvkbalasore@gmail.com](mailto:pckvkbalasore@gmail.com) |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Telephone | | E mail |
| KVK, Balasore | Office | FAX |  |
| AT/PO-Devog, Via- Singla,Balasore,Pin-756023 | 06781-253303 | - | [kvkbalasore.ouat@gmail.com](mailto:kvkbalasore.ouat@gmail.com),[pckvkbalasore@gmail.com](mailto:pckvkbalasore@gmail.com) |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Telephone | | E mail |
| KVK, Balasore | Office | FAX |  |
| AT/PO-Devog, Via- Singla,Balasore,Pin-756023 | 06781-253303 | - | [kvkbalasore.ouat@gmail.com](mailto:kvkbalasore.ouat@gmail.com),[pckvkbalasore@gmail.com](mailto:pckvkbalasore@gmail.com) |

1.4. Year of sanction of KVK: 1983

1.5. Staff Position (**as on 1st Jan, 2021)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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. Sunil Kumar Mohapatra | Senior scientist and Head | Horticulture | 15600-39100 + AGP 8000/-  30440 | 10/01/2006 | Permanent | Others |
| 2 | Subject Matter Specialist | Manoj Kumar Jena | Scientist | Soil Science | 15600-39100 + AGP 6000/-  26740 | 13/02/2006 | Permanent | Others |
| 3 | Subject Matter Specialist | Dr. Amita rani Patra | Scientist | Home Science | 15600-39100 + AGP 6000/-  23950 | 22/10/2009 | Permanent | Others |
| 4 | Subject Matter Specialist | Pravamanjari Giri | Scientist | Crop Production | 15600-39100 + AGP 6000/-  19050 | 01/01/2016 | Permanent | Others |
| 5 | Subject Matter Specialist | Dr. Gayatree Sahoo | Scientist | Plant protection | 15600-39100 + AGP 6000/-  19050 | 29/12/2015 | Permanent | Others |
| 6 | Subject Matter Specialist | Sefali Rout | Scientist | Forestry | 15600-39100 + AGP 6000/-  15600 | 05/10/2015 | Permanent | Others |
| 7 | Subject Matter Specialist | Kamalakanta Behera | Scientist | Ag. Extension | 15600-39100 + AGP 6000/-  22220 | 27/07/2018 | Permanent | Others |
| 8 | Programme Assistant | Niroj Kumar Jena | Programme Assistant | Seed Science | 9300- 34800 +AGP 4200  11470 | 28/12/2015 | Permanent | Others |
| 9 | Computer Programmer | Sanjay Kumar Barik | Programme Assistant | Computer  Science | 9300- 34800 +AGP 4200  18350 | 01/07/2005 | Permanent | Others |
| 10 | Farm Manager | Krishnamayee Sethi | Farm Manager | Agronomy | 9300- 34800 +AGP 4200  9710 | 29/01/2019 | Permanent | SC |
| 11 | Accountant / Superintendent | Vacant | - |  | - | - | - | - |
| 12 | Stenographer | Pravat Kumar Swain | Steno Cum Computer Operator |  | 5200-20200 + GP-2400  6700 | 06/03/2014 | Permanent | Others |
| 13. | Driver | Srikanta Sahoo | Driver Cum Mechanic |  | 5200-20200+GP 1900/-  8580 | 21/05/2018 | Permanent | Others |
| 14. | Driver | Birendra Kumar Parida | Driver Cum Mechanic |  | 5200-20200+GP 1900/-  6600 | 17/02/2014 | Permanent | Others |
| 15. | Supporting staff | Debendra Nath Das | Peon Cum Watchman |  | 4440-7440+GP 1700/-  6780 | 01/08/2008 | Permanent |  |
| 16. | Supporting staff | Rajkishore Mohapatra | Peon Cum Watchman |  | 4440-7440+GP 1700/-  7290 | 26/12/2007 | Permanent | Others |

1.6. Total land with KVK (in ha) :

|  |  |  |
| --- | --- | --- |
| **SL. No.** | **Item** | **Area (ha)** |
|  | Under Buildings | 0.8 |
|  | Under Demonstration Units | 0.3 |
|  | Under Crops | 0.5 |
|  | Orchard/Agro-forestry | 0.2 |
|  | Mini IFS unit | 0.1 |
|  | Poly house and Shade net | 0.2 |
|  | Unutilized Land (Encroached) | 5.5 |
|  | Total | **7.62** |

*Total area should be matched with breakup*

1.7. Infrastructure Development:

A) Buildings and others

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S. No. | Name of infrastructure | Not yet started | Completed up to plinth level | Completed up to lintel level | Completed up to roof level | Totally completed | Plinth area (sq.m) | Under use or not\* | Source of funding |
| 1. | Administrative  Building |  |  |  |  | Yes |  | Use | ICAR |
| 2. | Farmers Hostel |  |  |  |  | Yes |  | 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. | Goatery unit | Yes |  |  |  |  |  |  |  |
| 12. | Mushroom Lab |  |  |  |  | Yes | 20.90 | Use | RKVY |
| 13. | Mushroom production unit |  |  |  |  | Yes |  | Use | ICAR |
| 14. | Shade house |  |  |  |  | Yes |  | Use | RKVY |
| 15. | Soil test Lab |  |  |  |  | Yes | 20.90 | Use | RKVY |
| 16 | Others, Please Specify |  |  |  |  | Yes | 12 | Use | RKVY |

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

B) Vehicles

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type of vehicle | Year of purchase | Cost (Rs.) | Total km. Run | Present status |
| Bike | 2010 | 50000 | 7293 | Running |
| Bolero | 2011 | 460534 | 148642 | Running |

C) Equipment & AV aids

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of equipment | Year of purchase | Cost (Rs.) | Present status | Source of fund |
| a. **Lab equipment** | | | | |
| MridaParikhyak | 2016-17 |  | 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 |
| 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 |
| 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 |

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 | ICAR-ATARI, Kolkata |
| Fouda | 2018-19 | 1040 | Working | ICAR-ATARI, Kolkata |
| Sickle | 2018-19 | 560 | Working | ICAR-ATARI, Kolkata |
| Rose cane | 2018-19 | 600 | Working | ICAR-ATARI, Kolkata |
| Plastic pot | 2018-19 | 660 | Working | ICAR-ATARI, Kolkata |
| Plastic tub | 2018-19 | 400 | Working | ICAR-ATARI, Kolkata |
| Plastic tray | 2018-19 | 600 | Working | ICAR-ATARI, Kolkata |
| Plastic sprayer 5lit | 2019-20 | 1400 | Working | ICAR-ATARI, Kolkata |
| Tarpaulin poly sheet | 2019-20 | 14000 | Working | ICAR-ATARI, Kolkata |
| Sprayer 16L -20no. | 2020-21 | 30000 | Working | ICAR-ATARI, Kolkata |
| Rose Can 10L -15no | 2020-21 | 4950 | Working | ICAR-ATARI, Kolkata |
| Maize Sheller – 15no. | 2020-21 | 1650 | Working | ICAR-ATARI, Kolkata |
| Improved Sickle – 15no. | 2020-21 | 2400 | Working | ICAR-ATARI, Kolkata |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.  No. | Date | Number of Participants | Salient Recommendations | Action taken | If not conducted, state reason |
| 1. | 04.02.2021 | 30 | 1. Drought/Submergence tolerant paddy varieties should be popularized 2. Result of demonstrations should be circulated to line departments 3. KVK should provide linkage for promotion of inland fisheries/biofloc in convergence with NABARD & Fisheries dept. 4. Facilitate up scaling of farm Innovation with support from NABARD 5. Promotion of micro-irrigation in Betel vine 6. Training on commercial floriculture to potential Agripreneures 7. A fodder demonstration unit should be established at KVK 8. Training on animal science in convergence with veterinary dept. 9. Up scaling of poultry breed kadaknath in the district through convergence with veterinary dept. 10. Increase in production of mushroom spawn & supply to farmers in “OUAT Kalinga” brand 11. Technical support to Anganwadi workers/WSHGs for promotion of “Nutri-garden” in convergence with Mission Shakti 12. Machineries for post harvest management of fruits &vegetables should be popularized among WSHGs in convergence with Mission Shakti 13. Officials of financial institutes should be invited to skill development training/demonstration 14. Soil nutritional status of Acacia-turmeric FLD plot to be studied 15. Promising varieties of vegetable crops should be demonstrated 16. Compost method for paddy straw mushroom cultivation should be assessed 17. Training/demonstration should be conducted on “Alternate substrate for mushroom cultivation” 18. Promotion of value addition of oyster mushroom 19. Post Harvest management & value addition in Groundnut to be promoted 20. Installation of pheromone trap/light trap in KVK for pest surveillance 21. High protein rice varieties (CR Dhan 310, 311 & 315 to be included in Nutritional garden programme 22. Climate-smart varieties i.e., CR Dhan 801 and CR Dhan 802 (tolerant to both submergence and drought should be assessed in Balasore condition. 23. Lodging resistant paddy var. CR Dhan 602 should be assessed in Balasore condition. 24. Installation of Technology Kiosk at KVK for showcasing of technologies & success stories 25. Promotion of trellis system & installation of bee box for higher yield in Pointed gourd 26. Assessment of Potassium Nitrate (KNO3) spray on fruit drop in Pointed gourd 27. Betel vine var. Swarna kapoori should be promoted among betel vine farmers 28. Promotion of intercropping of maize in Tomato/brinjal in high temperature condition 29. Introduction of hybrid varieties of coconut like Chowghat Green Dwarf (CGD) and Malayan Green Dwarf (MGD) instead of dwarf varieties 30. Marigold var. Arka Bangara & Arka Bangara-2 should be assessed in Balasore condition 31. Testing of 1000nos. of soil sample & testing of sample from OFT/FLD plot | Will be taken during 2021-22 | - |

*\* Salient recommendation of SAC in bullet form*

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

***Proceedings of the 24th Scientific Advisory Committee (SAC) meeting***

The **24th** Scientific Advisory Committee Meeting of KVK, Balasore was held on 04.02.2021 in the Conference Hall of KVK under the Chairmanship of Prof. P.K. Agrawal, Hon’ble VC, 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. Hon’ble VC, OUAT delivered introductory remarks on the activities of KVK, Balasore. Then Dean, Extension Education, OUAT briefed the objective & importance of the SAC meeting for the better functioning of KVK and started the proceedings as per the agenda.

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

Senior Scientist & Head presented the **Action Taken Report** of previous SAC (23rd SAC**)** of the KVK as per the recommendation of the last meeting as mentioned below.

**Action Taken Report on Recommendation of the 23rd SAC Meeting held on 29.08.2019**

|  |  |
| --- | --- |
| ***Recommendations*** | ***Action Taken*** |
| High protein rice varieties (CR Dhan 310 & 311) should be assessed & included in nutritional garden programme | * An OFT on “Assessment of High protein rice varieties (CR Dhan 310 & 311)” has been conducted involving 07nos. of farmers(SC-1, ST-0 & OTH-6) during Rabi, 2020-21 at Dagara & Gopinathpur (Baliapal), Nilakanthapur (Bahanaga) |
| Climate-smart varieties i.e. CR Dhan 801 and 802 (tolerant to both submergence and drought) should be assessed in Balasore condition | * An OFT has on Climate-smart varieties i.e. CR Dhan 801 and 802 has been proposed to be conducted during Kharif, 2020. However due to unavailability of seed from ICAR-NRRI, Cuttack, this OFT will be conducted during Kharif, 2021 |
| Crop diversification should be emphasized | * **02nos.** of training programme on “Crop diversification in rice-rice cropping system” has been conducted at Bishnupur, Baliapal kochiakoili, Bahanaga involving **60nos.** of farmers & farm women (SC-35, ST-0, OTH-25). * An FLD on “Demonstration of Rice (Kharif)-Maize + Cowpea (2:2) (Rabi) cropping system” is conducted involving **10nos.** Farmers (SC-02, ST-04, OTH-04) during 2020-21 at Soro. * Toria (**75ha-180nos. farmer**), Groundnut (50ha-125nos. farmers) & Green Gram (10ha-27nos. farmer) cultivation has been promoted under CFLD during 2019-20 |
| Popularization of Rice expert app among farming community | * Awareness on use of Rice expert app developed by NRRI, Cuttack has been created among **630nos.** of farmers (SC-160, ST-37, OTH-433) during **21nos**. training programme in Agronomy, Soil Sc. & Plant Protection discipline |
| Training and awareness programme should focus on seed production programme | * A **25days** residential training programme on “Quality seed grower” was conducted in 2019-20 under ASCI involving **20nos**. of farmers(SC-3, ST-0, OTH-17) * **05nos.** of training programme on seed production in Paddy, pulses & oilseeds under GKRA was conducted involving **175nos.** of migrant returnees(SC-58, ST-3, OTH-114) * Also **120nos.** of farmers (SC-8, ST-6, OTH-106) trained on seed production in Toria crop under CFLD during 2019-20 |
| Emphasize on Promotion commercial floriculture | * Demo unit of Tuberose var. Prajwal & Orchid has been established at KVK campus for awareness among the interested Agripreneures * 02days ATMA sponsored residential training on “Horticulture for livelihood security” conducted involving **30nos.** of farmers (SC-2, ST-0, OTH-28) during 2019-20 |
| Steps should be taken for popularization of use of vermi-compost & bio fertilizer in betel vine instead of chemicals for improving leaf quality & increased yield. | * An OFT has been conducted on “INM in Betel vine” during Rabi, 2020-21 at Aladiha & Narayanpur of Baliapal block involving **07nos.** of farmer (SC-0, ST-0, OTH-7) * STBFR (50%) + Mustard oil [cake @ 1.5t/ha + Vermicompost @10t/ha + consortia](mailto:cake@1.5t/ha+Vermicompost@10t/ha+consortia) of Azotobacter, Azospirillum & PSM each @ 4kg/ha |
| Production & Supply of QPM of seedlings & saplings to farmers | * 71625nos. of Vegetable Seedling (Brinjal, Chilli, Tomato, Cabbage, Cauliflower, Broccoli, Papaya, Marigold, Drum sticks) & saplings of Acacia, Teak, Flemingia, Long pepper, Malabar Neem produced &distributed among 822nos. of farmers * 2.16q of Finger Millet var. Arjun Foundation Seed has been produced at KVK farm during 2019-20 & Supplied to OSSC Ltd. |
| Promotion of honey bee cultivation | * A 02days residential training on Bee keeping involving 20nos. of farmers (SC-2, ST-2, OTH-16) has been conducted during 2019-20 & 05nos. Started beekeeping * 02nos. of skill training on “Bee keeping” involving 75nos. of migrant returnees (SC-8, ST-1, OTH-61) has been conducted under GKRA during 2020 * An apiary unit (10nos. box) has been established in the KVK campus |
| KVK should provide necessary support for conducting a residential training on “Mushroom cultivation” in convergence with ATMA | * A 02days residential training programme on “Mushroom cultivation” has been conducted in convergence with ATMA, Balasore from 18.12.19 to 19.12.19 involving 30nos. of farmers (SC-3, ST-0, OTH-27) |
| Training programme on Income generating activities should be organized by involving SHG groups under Mission Shakti | * During 2019-20, 07nos. of training on Mushroom & vegetable cultivation has been imparted to 290nos. of WSHGs members of Remuna, Sadar, Jaleswar, Baliapal, Basta, Bhograi Block organized by Mission Shakti, Agril. dept. & Hort. dept. * During 2020-21, 07nos. of training on Mushroom & vegetable cultivation has been imparted to 100nos. of WSHGs members of Remuna, Sadar, Jaleswar, Baliapal, Basta, Bhograi, Simulia Block Mission Shakti & Hort. dept. |
| Impact assessment of training programme should be documented | * After completion of ASCI training, assessment of 31nos. of trainees has been made through Written & Viva exam & certificate issued to 28 nos. of successful trainees * Collected feedback from 560nos. of migrants (16nos. Skill training) under GKRA & follow up action has been made * 60nos. of rural youths has been provided with mushroom, biopesticide preparation & bee keeping training & certificate has been issued after evaluation |

**List of participants in the SAC Meeting: -**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No** | **Name** | **Designation** | **Address** |
|  | Dr. S.K. Roy | Principal scientist | ICAR-ATARI, KOLKATA |
|  | Dr. P. Pati | Associate Director of Research (ADR) | RRTTS Ranital |
|  | Dr. Prasannajit Mishra | JDE (Video Project) | DEE, OUAT |
|  | Dr. S.K. Mohapatra | Sr. Scientist & Head | KVK, Balasore |
|  | Tapan parida | ACF | DFO, Balasore |
|  | Subhalaxmi senapati | AHO, Baliapal | DDH, Balasore |
|  | Nityananda Das | CDVO, Balasore | CDVO, Balasore |
|  | Prasanna Kumar Mohapatra | CDAO | CDAO, Balasore |
|  | Er. Subhasis satapathy | Asst. Executive Engineer | Minor Irrigation Sub-division, Balasore |
|  | Bichitranarayan Mohanty | PD | PD, Watershed, Balasore |
|  | Biswajit Parida | DPC | Mission Shakti |
|  | Tanushree Mahanna | CDPO | CDPO, Baliapal |
|  | Sudeep Dakua | LDM, Balasore | LDM, Balasore |
|  | Tapas Pradhan | AGM, NABARD | AGM, NABARD, Balasore |
|  | Dr. S.D. Mohapatra | Principal Scientist | ICAR-NRRI, Cuttack |
|  | Dr. G. acharya | Principal Scientist | ICAR-CHES, Bhubaneswar |
|  | Ananta Kumar Rout | Farmer Representative | Dagara, Baliapal |
|  | Mrs. Arati Sahoo | Representative of Women Farmer | Sanakhuidi, Basta |
|  | Urmila Behera | Representative of Women Farmer | Machhua, Nilgiri |
|  | Dhananjay Giri | Farmer Representative | Gadsahi, Jaleswar |
|  | Dr. (Mrs) Amita Rani Patra | Scientist (Home Science) | KVK, Balasore |
|  | Ms. Pravamanjari Giri | Scientist (Agronomy) | KVK, Balasore |
|  | Dr. (Ms) Gayatree Sahoo | Scientist (Plant Protection) | KVK, Balasore |
|  | Manoj Kumar Jena | Scientist (Soil Sc. | KVK, Balasore |
|  | Mr. Niroj Kumar Jena | PA (Seed Sc. & Technology) | KVK, Balasore |
|  | Krishnamayee sethi | Farm Manager | KVK, Balasore |

2.a. District level data on agriculture, livestock and farming situation (2018-19)

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

2.b. Details of operational area / villages (2018-19)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Name of Taluk** | **Name of the block** | **Name of villages** | **Major crops**  **& enterprises** | **Major problems identified (crop-wise)** | **Identified Thrust Areas** |
|  | Balasore | Remuna | Silasuan | Paddy, Vegetables, Toria, Groundnut | Submergence problem, Low yield in vegetables, | * Integrated insect pest and disease management practices * Integrated nutrient management * Value addition |
|  | Balasore | Bahanaga | Nilakanthapur | Paddy, Toria, Vegetables | Disease pest in Rice, Non-availability of drought tolerant paddy var., Improper nutrient management in vegetables | * Diversified cropping pattern * Integrated insect pest and disease management practice * Integrated nutrient management |
|  | Balasore | Nilgiri | Asanbani | Paddy, Goatery, Poultry | Local poultry & goat farming, cultivation of only paddy crop, Unscientific lac cultivation | * Wasteland aforestation with forest and medicinal plants, integrated farming and utilization of forest produce. * Encourage organization of farmers/farmwomen & popularization of power plough, seed drills, inter culture and harvesting implements. * Integrated nutrient management |
|  | Balasore | Basta | Basulidiga | Paddy, Pulses | Adoption of local varieties of rice with less market demand | * Integrated insect pest and disease management practices * Integrated nutrient management |
|  | Balasore | Jaleswar | Gadsahi-Baliapal | Paddy, Toria, Sesamum, Vegetables, Banana | Adoption of local varieties of rice with less market demand, low yield of mustard, low yield of fish | * Diversified cropping pattern * Integrated insect pest and disease management practice * Integrated nutrient management |

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2018-19) for its development and action plan

|  |  |  |
| --- | --- | --- |
| **Name of village** | **Block** | **Activities taken up for development** |
| Silasuan | Remuna | Training, OFT, FLD, Awareness Programme on Schemes of Line Department |
| Nilakanthapur | Bahanaga | Training FLD Awareness Programme on Schemes of Line Department, CFLD-Toria, Animal Health Camp |
| Asanbani | Nilgiri | Training, OFT, FLD, Animal health camp, Lac cultivation, |
| Basulidiga | Basta | Training, IRRI head to head trial, FLD Awareness Programme on Schemes of Line Department |
| Gadsahi-Baliapal | Jaleswar | Training & FLD on Sheath blight management |

**Achievements on technologies assessed and refined**

OFT-1

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of integrated management of Blast disease in Paddy** |
| 2. | Problem diagnosed | Chaffy grains due to blast infestation |
| 3. | Details of technologies selected for assessment/refinement | FP: Application of Tricyclazole 75WP @ 1g/ lit thrice at 10 to 15 days interval  TO1: Seed treatment with Carbendazim @2g/kg + Spraying of Tricyclazole 75WP @0.06% + spraying of *Pseudomonas flurosence* @ 0.4g/ lit after 7 days of 1st spray  TO2: Seed treatment with *Pseudomonas flurosence* @ 10g/lit water for 30 min + Spraying of Tricyclazole 75WP @0.06% + spraying of *Pseudomonas flurosence* @ 0.4g/ lit after 7 days of 1st spray |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | TO1: Source : ANGRAU annual report 2018  TO2: Source: UAS Raichur annual report 2015 |
| 5. | Production system and thematic area | IDM |
| 6. | Performance of the Technology with performance indicators | EBT/ hill , Cost of operation (Rs/ha) , Cost of intervention. Yield (q/ha), B:C ratio |
| 7. | Final recommendation for micro level situation | Seed treatment with *Pseudomonas flurosence* @ 10g/lit water for 30 min + Spraying of Tricyclazole 75WP @0.06% + spraying of *Pseudomonas flurosence* @ 0.4g/ lit after 7 days of 1st spray |
| 8. | Constraints identified and feedback for research | Non-availability of bio-funicides in the market and lack of awareness among the farmers about the use of bio-fungicides and new molecules of fungicides |
| 9. | Process of farmers participation and their reaction | Farmers are curious about the use of new generation bio-fungicides and were satisfied with the results. |

*Thematic area:*

Problem definition: high incidence of blast disease in paddy

Technology assessed: seed treatment and foliar application with new molecules of fungicides

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: Application of Tricyclazole 75WP @ 1g/ lit thrice at 10 to 15 days interval | 07 | 7.6 | 64 | 18.9 g | 67 | 37.80 | 35400 | 54810 | 19410 | 1.56 |
| TO1: Seed treatment with Carbendazim @2g/kg + Spraying of Tricyclazole 75WP @0.06% + spraying of *Pseudomonas flurosence* @ 0.4g/ lit after 7 days of 1st spray | 07 | **11.8** | 71 | 23.6 | 19 | 48.30 | 41750 | 70035 | 28285 | 1.71 |
| TO2: Seed treatment with *Pseudomonas flurosence* @ 10g/lit water for 30 min + Spraying of Tricyclazole 75WP @0.06% + spraying of *Pseudomonas flurosence* @ 0.4g/ lit after 7 days of 1st spray | 07 | 12.3 | 76 | 23.7 | 14 | 49.90 | 42320 | 72355 | 30053 | 1.76 |

Results: Seed treatment with *Pseudomonas flurosence* @ 10g/lit water for 30 min + Spraying of Tricyclazole 75WP @0.06% + spraying of *Pseudomonas flurosence* @ 0.4g/ lit after 7 days of 1st spray was the best treatment with highest B:C of 1.76

OFT- 2

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of inter crops in teak based agro-forestry system** |
| 2. | Problem diagnosed | Waiting for monetary return for long time and non utilization of inter space. |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | TO1: Teak stumps are planted at a spacing of 8 m x 2m in eat west direction with inter cropping of cowpea in 50cm x30cm spacing.  TO2: Teak stumps are planted at a spacing of 8 m x 2m in eat west direction with inter cropping of okra in 50cm x30cm spacing. |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | AICRP on Agro-forestry, OUAT -2014 |
| 5. | Production system and thematic area | Barren, Rainfed upland, Integrated Farming System |
| 6. | Performance of the Technology with performance indicators | Inter cropping of okra and cowpea give an additional income without any impact on tree growth |
| 7. | Final recommendation for micro level situation | Taking okra as inter cop give higher return with higher benefit cost ratio |
| 8. | Constraints identified and feedback for research | Due to irregular rainfall the growth of tree is suffered |
| 9. | Process of farmers participation and their reaction | Farmers are actively participated in this programme& were satisfied with the results. |

*Thematic area:* Integrated farming system

Problem definition: Waiting for monetary return for long time and non utilization of inter space.

Technology assessed: Assessment of inter crops in teak based agro-forestry system

Table:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Plant height (mt) | Diameter (cm) | Disease/ insect pest incidence (%) | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
| FP | 7 | .5 | 1.5 |  | - | 25300 | - | - |  |
| TO-1 | 7 | .75 | 1.7 |  | 44.5 | 27200 | 44500 | 17300 | 1.63 |
| TO-2 | 7 | .75 | 1.7 |  | 74.7 | 32500 | 74700 | 42200 | 2.29 |

Result: Cultivation of okra as inter crop in teak give yield and higher net return.

OFT-3

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of bond plantation of nitrogen fixing tree acacia on soil and rice crop.** |
| 2. | Problem diagnosed | Field bunds are remain un utilized |
| 3. | Details of technologies selected for assessment | TO1: Bund plantation of Acacia auriculiformis in 2m x2m spacing  TO2: Bund plantation of Acacia nilotica in 2m x2m spacing |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | AICRP on Agroforestry, OUAT, 2017 |
| 5. | Production system and thematic area | **Acacia sp/ rice/** Integrated farming system |
| 6. | Performance of the Technology with performance indicators | Plant height(mt), Diameter, Crop yield/ha, soil nitrogen containt. Additional income over additional investment Yield (q/ha), B:C ratio |
| 7. | Final recommendation for micro level situation | Continuing |
| 8. | Constraints identified and feedback for research | - |
| 9. | Process of farmers participation and their reaction | Farmers are actively participated in this programme |

*Thematic area:* Integrated farming system

Problem definition: Field bunds are remain unutilized.

Technology assessed: Assessment of bond plantation of nitrogen fixing tree acacia on soil and rice crop**.**.

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 |
| Plant height (mt) | Diameter (cm) | Soil nitrogen content |
| FP | 7 | - | - | 275 |  |  |  |  |  |  |
| TO-1: Bund plantation of Acacia auriculiformis in 2m x2m spacing  TO2: Bund plantation of Acacia nilotica in 2m x2m spacing | 7 | 1.2mt | 2.7 | 309 |  |  |  |  |  |  |
| TO2: Bund plantation of Acacia nilotica in 2m x2m spacing | 7 | .75 | 1.8 | 314 |  |  |  |  |  |  |

Result: The OFT is going on and the result will be come after 3 year.

OFT-4

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of herbicide for weed management in summer Green Gram** |
| 2. | Problem diagnosed | Yield loss due to weed infestation |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | TO1: Pre-emergence application of Pendimethalin @1000g ai/ha  TO2: Pre-emergence application of Pendimethalin @1000g ai/ha followed by early post emergence of Imazethapyr @@70gai/ha at 20 DAS  TO3: Post-emergence application of Imazethapyr @70gai/ha at 20 DAS |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | SLREC proceeding, 2011, OUAT |
| 5. | Production system and thematic area | Rice-Green gram cropping system and Integrated weed management |
| 6. | Performance of the Technology with performance indicators | Application of herbicide as pre-emergence and post-emergence effectively control weeds which result in lower weed density in crop field |
| 7. | Final recommendation for micro level situation | Post-emergence application of Imazethapyr @70gai/ha at 20 DAS effectively control weed with higher benefit cost ratio |
| 8. | Constraints identified and feedback for research | Due to continuous rainfall in the crop growing period, timely application of herbicide was a problem |
| 9. | Process of farmers participation and their reaction | Farmers are actively participated in this programme& were satisfied with the results. |

*Thematic area: Integrated weed management*

Problem definition: Low yield due to weed infestation and low net income due to high cost of cultivation in manual weeding

Technology assessed: Weed management through application of herbicide in summer 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 branches per plant | No. of pods per plant | Test wt. (100 grain wt.) |
| Manual weeding at 25 DAS | 7 | 4.1 | 13.2 | 29 | 21 | 5.22 | 17500 | 28710 | 11210 | 1.64 |
| Pre-emergence application of Pendimethalin @1000g ai/ha | 7 | 4.2 | 13.4 | 32 | 15 | 6.87 | 16500 | 37785 | 21285 | 2.27 |
| Pre-emergence application of Pendimethalin @1000g ai/ha followed by early post emergence of Imazethapyr @@70gai/ha at 20 DAS | 7 | 4.6 | 13.3 | 34 | 12 | 7.32 | 17000 | 40260 | 23260 | 2.36 |
| Post-emergence application of Imazethapyr @70gai/ha at 20 DAS | 7 | 4.4 | 13.3 | 33 | 15 | 6.94 | 16000 | 38170 | 22170 | 2.38 |

Results: Post-emergence application of Imazethapyr at 20 DAS increases the seed yield and attain higher benefit cost ratio than Pre-emergence application of Pendimethalin at 2DAS followed by early post emergence of Imazethapyr at 20 DAS.

**OFT-5**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of protein rich rice varieties** |
| 2. | Problem diagnosed | Nutritionally insecure due to much dependent on rice and Unavailability of protein rich variety |
| 3. | Details of technologies selected for assessment/refinement | Cultivation of Nveen  Cultivation of CR Dhan -310  Cultivation of CR Dhan -311 |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Research bulletin(15), Annual report, 2018 |
| 5. | Production system and thematic area | Varietal evaluation |
| 6. | Performance of the Technology with performance indicators | Protein rich rice cultivars with higher protein and micro nutrient content |
| 7. | Final recommendation for micro level situation | Experimentation is in progress |
| 8. | Constraints identified and feedback for research | Availability of seeds to farmer |
| 9. | Process of farmers participation and their reaction | Actively participated with keen interest |

*Thematic area:* Varietal evaluation

Problem definition: Nutritionally insecure due to much dependent on rice and Unavailability of protein rich variety

Technology assessed: Assessment of protein rich rice varieties

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.)** |
| Cultivation of Nveen | 07 |  |  |  |  |  |  |  |  |  |
| Cultivation of CR Dhan -310 | 07 |  |  |  |  |  |  |  |  |  |
| Cultivation of CR Dhan -310 | 07 |  |  |  |  |  |  |  |  |  |

Results: Experimentation is in progress

OFT-6

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of lime application in Green gram** |
| 2. | Problem diagnosed | Low yield of green gram in acid soil due to poor growth and nutrient uptake |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | TO1:STBFR + seed coated with lime (CaCO3) @ 160g/kg seed  TO2: STBFR + 0.2 LR as CaCO3 (furrow application) |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | AINP on Biodiversity and Biofertilizers,OUAT,2018-19/ 2016-17 |
| 5. | Production system and thematic area | Rice-Green gram cropping system and INM |
| 6. | Performance of the Technology with performance indicators | Lime alleviates soil acidity and helps in better nutrient availability and uptake |
| 7. | Final recommendation for micro level situation | STBFR + seed coated with lime (CaCO3) @ 160g/kg seed |
| 8. | Constraints identified and feedback for research | Poor availability of PMS |
| 9. | Process of farmers participation and their reaction | There was complete involvement of beneficiary farmers in the trial & were satisfied with the results. |

*Thematic area: : Integrated nutrient management*

Problem definition: Low yield of green gram in acid soil due to poor growth and nutrient uptake

Technology assessed: Seed coating and furrow application of lime on grain yield of greengram.

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. of branches per plant | Test wt. (100 grain wt.) |
| FP | 07 | 18.1 | 4.28 | 3.57 | 16.2 | 6.15 | 25500 | 43358 | 17858 | 1.70 |
| TO-1 | 07 | 26.7 | 4.79 | 3.69 | 6.3 | 8.74 | 26000 | 61617 | 35617 | 2.37 |
| TO-2 | 07 | 26.0 | 4.72 | 3.66 | 6.7 | 8.31 | 28300 | 58586 | 30286 | 2.07 |

Results: STBFR + seed coated with lime (CaCO3) @ 160g/kg seed gave higher grain yield of Greengram with better use efficiency of lime.

**OFT-7**

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of PSB and VAM in Groundnut** |
| 2. | Problem diagnosed | Low yield of Groundnut due to poor nutrient management and water stress. |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | TO1:STBFR + *Rhizobium* @ 50g/kg seed +PSB@ 5kg/ha  TO2: STBFR + Rhizobium @ 50g/kg seed +PSB@ 5kg/ha + VAM@ 5kg/ha |
| 4. | Source of Technology | AINP on Soil Biodiversity and Biofertilizers, OUAT, 2010 |
| 5. | Production system and thematic area | Rice- Groundnut Cropping system and Integrated nutrient management |
| 6. | Performance of the Technology with performance indicators | Rhizobium helps in better nodulation and nitrogen fixation ; VAM helps in better nutrient and water availability, PSB helps in better solubilisation of fixed phosphorus |
| 7. | Final recommendation for micro level situation | For higher pod yield , in addition to STBFR practice Rhizobium seed treatment and bioinoculation of PSB and VAM |
| 8. | Constraints identified and feedback for research | Good quality biofertilizer are not available in local market. |
| 9. | Process of farmers participation and their reaction | During the entire process of the trial, the farmers shown keen interest. They learn through method demonstration. The farmers express satisfaction over the result of the trial. |

*Thematic area:* Integrated nutrient management,

Problem definition: Low yield of Groundnut due to poor nutrient management and water stress

Technology assessed: Seed treatment with Rhizobium biofertilizer and bioinoculation of PSB & VAM

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. of branches per plant | Test wt. (100 kernel wt.) |
| FP | 07 | 21.6 | 4.28 | 46.2 | 20.1 | 20.4 | 58000 | 103836 | 45836 | 1.79 |
| TO-1 | 07 | 24.2 | 4.79 | 48.1 | 7.4 | 22.8 | 58600 | 116052 | 57452 | 1.98 |
| TO-2 | 07 | 26.0 | 4.72 | 48.6 | 6.8 | 25.6 | 60050 | 130304 | 70254 | 2.17 |

Results: STBFR along with Seed treatment with Rhizobium and bioinoculation of PSB & VAM produced higher pod yield of Groundnut.

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. | Rice | IPM | Two sprays of Propargite 57EC @2ml/lit. 1st spray before panicle initiation and 2nd one at 7-10 days after 1st spray. | 01 | 01 | 02 | 0 | 0 | 0 | 8 | 0 | 10 | 0 | 10 |  |
| 2. | Rice | IPM | Making alleys at a distance of 2 m in paddy field. use of spider trap @ 25/ha, need based Alternate Spraying of flonicamid 50 WG @ 150 gm /ha and neem based pesticide 3000 ppm @ 1500 ml/ha at 10 days interval | 01 | 01 | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | 10 |  |
| 3. | Betelvine | IDM | Soil application of *Trichoderma viridae* incubated with FYM(2.5kg+50Kg). Spraying of copper oxychloride @ 3gm/lit water | 01 | 01 | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | 10 |  |
| 4. | Onion | IDM | Seed treatment with Carboxin 37.5% + Thiram 37.5% (0.2%) + three foliar spraying with Tebuconazole 25 EC (0.1%) at 15 days interval starting from initiation of the infection | 01 | 01 | 01 | 0 | 0 | 0 | 09 | 0 | 10 | 0 | 10 |  |
| 5 | Paddy | IPM | Nursery treatment with carbofuran 3G@ 1.5kg a.i./ha + Pheromone trap @5Nos./ha for monitoring + soil application of Rynaxypyr 4G @ 10kg/ha and Spraying of cartap hydrochloride 50WP @ 2g/ltr at 45 DAT | 1.0 | 1.0 | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | 10 |  |
| 6 | Acacia/ Pine apple | Integrated farming system | Performance of Silvihorti system Acacia with pineapple | 0.2 | 0.2 | **0** | **0** | **0** | **0** | **7** | **3** | **7** | **3** | **10** |  |
| 7 | Acacia/ Amaranthus | Integrated farming system | Performance of Silvihorti system Amaranthus in Acacia plantation | 0.4 | 0.4 | **2** | **1** | **0** | **0** | **5** | **2** | **7** | **3** | **10** |  |
| 8 | Teak | Production System | Demonstration on block plantation of Teak through stump cutting | 0.4 | 0.4 | **0** | **1** | **8** | **1** | **0** | **0** | **8** | **2** | **10** |  |
| 9 | Tomato | IWM | Demonstration of (soil solarization) transparent polyethylene (TPE) of 50 micron thickness laid close to the soil surface to trap heat inside, resulting in raising of soil temperature to lethal level to many pathogens, nematodes and weed species | 0.25 | 0.25 | 2 | 0 | 0 | 0 | 8 | 0 | 10 | 0 | 10 |  |
| 10 | Rice | Organic Cultivation | Demonstration on organic nutrient management in aromatic rice: Green manuring followed by soil application of Azospirillium+PSB (each@5kg/ha) incubated with FYM, neem cake @1q/ha | 2 | 2 | 3 | 0 | 0 | 0 | 7 | 0 | 10 | 0 | 10 |  |
| 11 | Rice | IWM | Demonstration of post emergence application of Penoxsulam @ 93.7ml /ha at 12 DAT followed by hand weeding at 30 DAS | 2 | 2 | 3 | 0 | 0 | 0 | 7 | 0 | 10 | 0 | 10 |  |
| 12 | Rice | Varietal evaluation | Cultivation of BPH tolerant rice variety | 2 | 2 | 4 | 0 | 0 | 0 | 6 | 0 | 10 | 0 | 10 |  |
| 13 | Betel vine | INM | STBFR+ Foliar spraying of Triacontanol@500ppm at 30 days interval from 5th to7th month and zinc [sulphate @ 0.05%](mailto:sulphate@0.05%25) at 7th month | 1.0 | 1.0 | 0 | 0 | 0 | 0 | 9 | 1 | 9 | 1 | 10 |  |
| 14 | Tomato | INM | STBFR+ Seedling treatment with bio fertilizer (Azotobacter@2%Solution) foliar spray of water soluble fertilizers(N:P:K 19:19:19@0.5%)at 30DAT+foliar application of micronutrient mixture (Borax0.2%and ZnSO4 0.5%)at 45DAT | 1.0 | 1.0 | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | 10 |  |
| 15 | Rice | INM | Soil test based fertilizer application of NPK+ Basal application of 25 kg Sulphur /ha | 2.0 | 2.0 | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | 10 |  |

Details of farming situation

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Crop | Season | Farming situation (RF/Irrigated) | Soil type | Status of soil  (Kg/ha) | | | Previous crop | Sowing date | Harvest date | Seasonal rainfall (mm) | No. of rainy days |
| N | P2O5 | K2O |
| Rice | Kharif | Rainfed medium land, | Clay loam | 310 | 20 | 208 | Green- gram | 02.07.2019 | 25.12.2019 | 1065 | 37 |
| Rice | Kharif | Rain-fed medium land, | Alluvial, Sandy loam | 306 | 14.2 | 143 | Black- gram | 1.7.2019 | 22.11.2019 | 960 | 44 |
| Betelvine | Kharif | Upland irrigated, betel vine throughout the year | Alluvial Sandy | 466 | 18.2 | 148 | Betel vine | 3rd year Baraj | Periodic harvesting | 456 | 26 |
| Onion | Rabi | Irrigated medium land, vegetable - vegetable | Sandy loam | 482 | 20.6 | 164 | Tomato | 06.11.20 | Continuing |  |  |
| Paddy | Rabi,2019-20 | Rice- Rice (Irrigated) | Alluvial, Sandy loam | 363 | 19 | 148 | Paddy | 28.06.19 | 15.05.20 | 24 | 4 |
| Acacia/ Pine apple | Kharif | Rainfed | Alluvial, Sandy loam | 289 | 14 | 138 | Acacia | 15/07/2020 | continuing | 756 | 34 |
| Acacia/ Amaranthus | Kharif | Rainfed | Alluvial, Sandy loam | 321 | 11 | 143 | - | 31/08/2020 | 25/10/2020 to 5/11/2020 | 876 | 41 |
| Teak | Kharif | Rainfed | Alluvial, Sandy loam | 426 | 15 | 156 | - | 5/09/2020 | continuing | 920 | 48 |
| Tomato nursery | Summer, 2020 | Rice-vegetables (Irrigated) | Silty clay | 345 | 21.5 | 236 | Rice | 23.05.2020 | continuing | 12 | 3 |
| Rice | Kharif, 2019 | Rice-greengram (Irrigated) | Clay loam | 310 | 20 | 208 | Greengram | 02.07.2019 | 25.12.2019 | 1065 | 37 |
| Rice | Kharif, 2020 | Rice-greengram (Irrigated) | Clay loam | 286 | 18.6 | 316 | Greengram | 05.07.20 | 24.12.20 | 1025 | 34 |
| Rice | Kharif, 2020 | Rice-greengram (Irrigated) | Clay loam | 314 | 19.5 | 198 | Greengram | 01.07.20 | 04.01.20 | 974 | 27 |
| Betel vine | Rabi,2019-20 | Irrigated | Alluvial Sandy | 466 | 18.2 | 148 | Betel vine | 3rd year Baraj | Periodic harvesting | 456 | 26 |
| Tomato | Rabi,2019-20 | Irrigated | Alluvial, Sandy loam | 482 | 20.6 | 164 | Rice | 25.12.19 | 15.2.20 to 20.4.20 | 85 | 15 |
| Rice | Kharif,2020 | RF | Alluvial,Sandy loam | 296 | 17.3 | 156 | Greengram | 5.7.2020 | 25.11.2020 | 956 | 40 |
|  |  |  |  |  |  |  |  |  |  |  |  |

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

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 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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

should be mentioned in the identical sequence.

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 |
| Rice | IPM | Two sprays of Propargite 57EC @2ml/lit. 1st spray before panicle initiation and 2nd one at 7-10 days after 1st spray. | 10 | 01 | 50.10 | 38.60 | 29.79 | 12.5 EBT/Hill | 8.7 EBT/Hill | 39760 | 72645 | 32885 | 1.81 | 35420 | 55970 | 20550 | 1.54 |
| Rice | IPM | Making alleys at a distance of 2 m in paddy field. use of spider trap @ 25/ha, need based Alternate Spraying of flonicamid 50 WG @ 150 gm /ha and neem based pesticide 3000 ppm @ 1500 ml/ha at 10 days interval | 10 | 01 | 49.30 | 38.10 | 29.39 | 11.5 EBT/Hill | 8.2 EBT/Hill | 39930 | 71485 | 31555 | 1.79 | 34960 | 55245 | 20285 | 1.58 |
| Betelvine | IDM | Soil application of *Trichoderma viridae* incubated with FYM(2.5kg+50Kg). Spraying of copper oxychloride @ 3gm/lit water | 10 | 01 | 58.3 lakh leaves per vine | 47.6 akh leaves per vine | 22.4 | 56.9 leaves per vine | 42.3 leaves per vine | 1204530 | 1927248 | 722718 | 1.60 | 1154310 | 1639120 | 484810 | 1.42 |
| Onion | IDM | Seed treatment with Carboxin 37.5% + Thiram 37.5% (0.2%) + three foliar spraying with Tebuconazole 25 EC (0.1%) at 15 days interval starting from initiation of the infection | 10 | 01 | Continuing |  |  |  |  |  |  |  |  |  |  |  |  |
| Rice | IPM | Nursery treatment with carbofuran 3G@ 1.5kg a.i./ha + Pheromone trap @5Nos./ha for monitoring + soil application of Rynaxypyr 4G @ 10kg/ha and Spraying of cartap hydrochloride 50WP @ 2g/ltr at 45 DAT | 10 | 1.0 | 53.1 | 41.3 | 28.57 | Dead heart % 6.52 | 12.89 | 43750 | 76995 | 33245 | 1.76 | 38890 | 59885 | 20995 | 1.54 |
| Acacia/ Pine apple | Integrated farming system | Performance of Silvihorti system Acacia with pineapple | 10 | 0.2 | - | Continuing |  |  |  |  |  |  |  |  |  |  |  |
| Acacia/ Amaranthus | Integrated farming system | Performance of Silvihorti system Amaranthus in Acacia plantation | 10 | 0.4 | - | 72 | 100 |  |  | 30000 | 0 | 0 | 0 | 48500 | 144000 | 95500 | 2.97 |
| Teak | Production System | Demonstration on block plantation of Teak through stump cutting | 10 | 0.4 |  | Continuing |  |  |  |  |  |  |  |  |  |  |  |
| Tomato nursery | IWM | Demonstration of (soil solarization) transparent polyethylene (TPE) of 50 micron thickness laid close to the soil surface to trap heat inside, resulting in raising of soil temperature to lethal level to many pathogens, nematodes and weed species | 10 | 0.25 |  |  |  | Weed index 8.5 | Weed index 34.2 |  |  |  |  |  |  |  |  |
| Rice | Organic Cultivation | Demonstration on organic nutrient management in aromatic rice: Green manuring followed by soil application of Azospirillium+PSB (each@5kg/ha) incubated with FYM, neem cake @1q/ha | 10 | 2 | 40.6 | 35.2 | 15.34 | 10 No. of plants/hill | 9 No. of plants/hill | 45000 | 85260 | 40260 | 1.89 | 45000 | 73920 | 28920 | 1.64 |
| Rice | IWM | Demonstration of post emergence application of Penoxsulam @ 93.7ml /ha at 12 DAT followed by hand weeding at 30 DAS | 10 | 2 | 54.3 | 44.8 | 21.7 | 10 No. of plants/hill | 8 No. of plants/hill | 44000 | 95025 | 51025 | 1.86 | 46000 | 78400 | 32400 | 1.70 |
| Rice | Varietal ivaluation | Cultivation of BPH tolerant rice variety | 10 | 2 | 49.5 | 41.3 | 21.7 | 9 No. of plants/hill | 8 No. of plants/hill | 45000 | 86625 | 41625 | 1.92 | 45000 | 72275 | 27275 | 1.61 |
| Betel vine | INM | Application of zinc and Triacontanol in betel vine | 10 | 1.0 | 54.6\* | 48.2 | 13.27 | No. of leaves/ vine 54.1\* | 46.3\* | 1750000 | 2730000 | 980000 | 1.56 | 1745000 | 2410000 | 665000 | 1.38 |
| Tomato | INM | INM in Tomato | 10 | 1.0 | 425.9 | 362.8 | 17.39 | No. of fruits/ plant 50.8 | 43.6 | 123000 | 4259000 | 302900 | 3.46 | 120000 | 362800 | 242800 | 3.02 |
| Rice | INM | Sulphur application in transplanted Rice | 10 | 2.0 | 50.6 | 42.8 | 18.22 | EBT /Hill-12.0 | 9.1 | 46500 | 88550 | 42050 | 1.90 | 44750 | 74900 | 30150 | 1.67 |
| **Total** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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 | Income generation | Rearing of kadaknath poultry breed in backyard | 10 | 10 | Body weght-eggs per year | Body Weight  Eggs per year | continuing |  |  |  |  |  |  |  |  |  |  |
| 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 | | % change in major parameter | Other parameter | | \*Economics of demonstration (Rs.) | | | | \*Economics of check  (Rs.) | | | |
| Demons  ration | Check | Demons  ration | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| Common carps |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mussels |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ornamental fishes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (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

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 | Demonstration on oyster mushroom variety Hypisizygous ulmarius | 10 | 10 | Yield/bed -3.9kg | Yield/bed-2.5kg | 56.0 | Days of fruiting-18days | Days of fruiting-20 days | 35/- per bed | 117/- per bed | 82/- per bed | 3.3 | 35/- per bed | 75/- per bed | 40/- per bed | 2.14 |
| Button mushroom |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vermicompost |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Apiculture |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dairy (value addition of milk) | Demonstration on value added products of milk (paneer) for higher income | 10 | 10 |  | Paneer produced per 1 litre milk-180gram |  | Shelf life-2days in room temp | Shelf life 8to 10 hour in room temp | 35/- per 1lit milk | 45/- per 1 lit milk | 10/- per 1 litre milk | 1.28 | 2 6/-per 1litre milk | 29/- per 1 litre milk | 3/- per 1 litre milk | 1.11 |
| 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(farm family) | Demonstration of nutritional garden for nutritional security of farm family | 10 | Avg consumption of vegetables per day per meber-380gram | Consumption of vegetables per day/member-230gram | Members of Farm famiy were able to consume varieties of vegetables to meet their nutritional requirements |
| 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 |
|  |  |  |  |  |  |  |  |  |  |

**\* 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 |  |  |  |  |  |  |  |  |  |  |

Technical Feedback on the demonstrated technologies

|  |  |  |
| --- | --- | --- |
| Sl. No | Crop | Feed Back |
| 1 | Betelvine | Use of bio-agent *Trichoderma viridae* resulted in better management of vinerot disease. |
| 2 | Rice | Use of new generation acaricides reported to have better management of Panicle mite |
| 3 | Onion | Use of seed treatment along with foliar application of new molecules of fungicides resulted in better suppression of purple blotch disease. |
| 4 | Rice | Integrated weed management in rice helps in better weed control along with higher productivity. |
| 5 | Rice | Due to continuous application of sulphur free fertilizers there is wide spread sulphur deficiency in soil. There is a need to apply sulphur for higher yield of rice. |
| 6 | Rice | BPH tolerant rice cultivar drastically increase the productivity of rice in highly BPH infested area |

Extension and Training activities under FLD

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Activity | Date | No. of activities organized | Number of participants | Remarks |
| 1. | Field days |  |  |  |  |
| 2. | Farmers Training | 28.01.2020 | 01 | 30 | Integrated management of stem borer in summer paddy |
| 07.10.2020 | 01 | 30 | Management of panicle mite in paddy |
| 18.11.2020 | 01 | 30 | IPM for management BPH/WBPH in Paddy |
| 10.12.2020 | 01 | 30 | IDM in onion |
|  | 08.10.2020 | 01 | 30 | Package of practices of teak |
|  | 18.11.2020 | 01 | 30 | Cultivation of vegetables as intercrops in acacia plantation |
|  | 13.10.2020 | 01 | 30 | Crop diversification in rice-rice cropping system |
|  | 19.11.2020 | 01 | 30 | Cropping intensification in rice fallow area |
| 3. | Media coverage |  |  |  |  |
| 4. | Training for extension functionaries |  |  |  |  |

**Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2020 and Rabi 2020-21:**

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 |
| 01 | Greengram | Kali muga | 5.2 | 454 | 476 | 735 | IPM-02-14 | 35 | 10 | Continuing |  |  |  |  |  |
| 02 | Blackgram | Blackgram local | 4.8 |  |  |  | Indira Urad-1 | 26 | 10 | Continuing |  |  |  |  |  |
| 03 | Ground nut |  | 18.4 | 19.44 | 17.87 | 30.00 | Dharani |  | 10 | Continuing |  |  |  |  |  |

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 |
| 01 | Green gram  (IPM-02-14)   * + - Seed treatment with Rhizobium culture and PSB * Post emergence application of Imzethapyr herbicide * Application of thiodicarb for pod borer complex * Application of Acetamipri and installation of Yellow sticky trap for managing whitefly. |  |  |  | Continuing |  |  |  |  |
| 02 | Indira Urad-1   * + - Seed treatment with Rhizobium culture and PSB * Post emergence application of Imzethapyr herbicide * Application of soluble fertilizer 19:19:19 for better flowering and seed setting * Application of wettable sulpher @ 3g /lit for powdery mildew * Application of thiodicarb for pod borer complex * Application of Thiamethoxam and installation of Yellow sticky trap for managing whitefly. |  |  |  | Continuing |  |  |  |  |
| 03 | **Ground nut (Dharani)**   * Certified class seed of Groundnut var. Dharani@ 175kg pods/ha * Seed treatment with Rhizobium & PSB liquid * Soil application of Borx@ 10kg/ha * Foliar spraying of Ridomil gold (metalaxyl+mancozeb)@ 2.5g/ltr water & Chlorothalonil@ 2ml/ltr for management of Tikka, Stem rot & root rot at pod formation stage * Application of Imazethapyr at 20 DAS @1l/ha for broad spectrum weed control * Spraying of Emamectin benzoate@ 0.4g/ltr for BHC & Spodoptera control * Spraying of Flonicamid 50%@ 5g/15ltr water for sucking pest management |  |  |  | Continuing |  |  |  |  |

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

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

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

**Greengram:**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Extension Activities organized | Date and place of activity | Number of farmer attended |
| 1 | Group meeting | **10.01.2021, Bishnupur** | **24** |
| 2 | Group meeting | **25.01.2021, Bishnupur** | **35** |
| 3 | Group meeting | **10.02.2021, Bishnupur** | **17** |
| 4 | Field visit | **02.03.2021, Bishnupur** | **14** |
| 5 | Field visit | **23.02.2021, Bishnupur** | **18** |
| 6 | Field visit | **18.03.2021, Bishnupur** | **23** |
| 7 | Training | **19.03.2021, Bishnupur** | **30** |
|  |  |  |  |

**Blackgram:**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Extension Activities organized | Date and place of activity | Number of farmer attended |
| 1 | Group meeting | **25.12.2021, Basulidiga** | **23** |
| 2 | Group meeting | **04.01.2021, Basulidiga** | **21** |
| 3 | Field visit | **20.01.2021, Basulidiga** | **42** |
| 4 | Field visit | **02.02.2021, Basulidiga** | **36** |
| 5 | Field visit | **10.02.2021, Basulidiga** | **18** |
| 6 | Field visit | **01.03.2021, Basulidiga** | **15** |
| 7 | Training | **19.03.2021, Basulidiga** | **30** |
|  |  |  |  |

**Groundnut:**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Extension Activities organized | Date and place of activity | Number of farmer attended |
| 1 | Group meeting | **21.12.2021, Dagara** | **26** |
| 2 | Group meeting | **07.01.2021, Dagara** | **26** |
| 3 | Field visit | **28.01.2021, Dagara** | **26** |
| 4 | Field visit | **12.01.2021, Dagara a** | **18** |
| 5 | Field visit | **10.02.2021, Dagara** | **16** |
| 6 | Field visit | **01.03.2021, Dagara** | **14** |
| 7 | Training | **09.03.2021, Dagara** | **30** |
| 1 | Field visit | **31.03.2021, Dagara** | **26** |

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

**J. Details of budget utilization**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop  (provide crop wise information ) | Items | Budget  Received  (Rs.) | Budget  Utilization  (Rs.) | Balance  (Rs.) |
|  | i) Critical input |  |  |  |
|  | ii) TA/DA/POL etc. for monitoring |  |  |  | |
| iii) Extension Activities (Field day) |  |  |  | |
| iv)Publication of literature |  |  |  | |
|  | Total |  |  |  |

* 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 |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Crop Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Fodder production |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, (cultivation of crops ) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **II. Horticulture** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated nutrient management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Enterprise development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Skill development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Yield increment |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Off-season vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Protective cultivation (Green Houses, Shade Net etc.) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any (Cultivation of Vegetable) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **b) Fruits** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| 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, if any(INM) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **c) Ornamental Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential of ornamental plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **d) Plantation crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **e) Tuber crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **f) Spices** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **g) Medicinal and Aromatic Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **III. Soil Health and Fertility Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil fertility management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil and Water Conservation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Nutrient Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of Problematic soils |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro nutrient deficiency in crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nutrient Use Efficiency |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil and Water Testing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **IV. Livestock Production and Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Poultry Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Piggery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Feed management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any Goat farming |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **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 |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Storage loss minimization techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Enterprise development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Income generation activities for empowerment of rural Women |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Capacity building |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Women and child care |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VI.Agril. Engineering** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| 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, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VII. Plant Protection** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Disease Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Bio-control of pests and diseases |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **VIII. Fisheries** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated fish farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Carp breeding and hatchery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Carp fry and fingerling rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Composite fish culture & fish disease |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| 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, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **IX. Production of Inputs at site** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-agents production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-pesticides production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-fertilizer production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermi-compost production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Organic manures production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of fry and fingerlings |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Bee-colonies and wax sheets |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Small tools and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of livestock feed and fodder |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Fish feed |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **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, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| XI Agro-forestry |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **XII. Others (Pl. Specify)** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **TOTAL** |  |  |  |  |  | |  |  |  |  |  |  |  |  |

**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 |
| Mushroom Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bee-keeping | 1 | 8 | 8 | 16 | 2 | | 0 | 2 | 2 | 0 | 2 | 12 | 8 | 20 |
| Integrated farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermi-culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Protected cultivation of vegetable crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Commercial fruit production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Nursery Management of Horticulture crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Training and pruning of orchards |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Dairying |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Sheep and goat rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Quail farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Rabbit farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Poultry production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Ornamental fisheries |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Enterprise development |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Para vets |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Para extension workers |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Freshwater prawn culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Cold water fisheries |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish harvest and processing technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fry and fingerling rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Small scale processing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Tailoring and Stitching |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL | 1 | 8 | 8 | 16 | 2 | | 0 | 2 | 2 | 0 | 2 | 12 | 8 | 20 |

**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 |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Pest Management | 01 | 17 | 02 | 19 | 1 | | 0 | 1 | 0 | 0 | 0 | 18 | 2 | 20 |
| Integrated Nutrient management | 01 | 14 | 4 | 18 | 1 | | 0 | 1 | 1 | 0 | 1 | 16 | 4 | 20 |
| Rejuvenation of old orchards |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Protected cultivation technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Group Dynamics and farmers organization |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Capacity building for ICT application |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Care and maintenance of farm machinery and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Management in farm animals |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Women and Child care | 02 | 0 | 32 | 32 | 0 | | 6 | 6 | 0 | 2 | 2 | 0 | 40 | 40 |
| Low cost and nutrient efficient diet designing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL | 4 | 31 | 38 | 69 | 2 | | 6 | 8 | 1 | 2 | 3 | 34 | 46 | 80 |

**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 | 01 | 28 | 0 | 28 | 2 | 0 | | 2 | 0 | 0 | 0 | 30 | 0 | 30 |
| Resource Conservation Technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cropping Systems | 01 | 11 | 2 | 13 | 13 | 4 | | 17 | 0 | 0 | 0 | 24 | 6 | 30 |
| Crop Diversification | 01 | 8 | 6 | 14 | 1 | 15 | | 16 | 0 | 0 | 0 | 9 | 21 | 30 |
| Integrated Farming |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Crop Management | 01 | 6 | 23 | 29 | 0 | 1 | | 1 | 0 | 0 | 0 | 6 | 24 | 30 |
| Fodder production |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, (cultivation of crops ) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **II. Horticulture** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated nutrient management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Enterprise development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Skill development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Yield increment |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Off-season vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Protective cultivation (Green Houses, Shade Net etc.) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any (Cultivation of Vegetable) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **b) Fruits** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| 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, if any(INM) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **c) Ornamental Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential of ornamental plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **d) Plantation crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **e) Tuber crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **f) Spices** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **g) Medicinal and Aromatic Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **III. Soil Health and Fertility Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil fertility management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil and Water Conservation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Nutrient Management | 05 | 109 | 25 | 134 | 7 | 8 | | 15 | 1 | 0 | 1 | 130 | 20 | 150 |
| Production and use of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of Problematic soils |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro nutrient deficiency in crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nutrient Use Efficiency |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil and Water Testing | 01 | 22 | 6 | 28 | 2 | 0 | | 2 | 0 | 0 | 0 | 24 | 6 | 30 |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **IV. Livestock Production and Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Poultry Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Piggery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Feed management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any Goat farming |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **V. Home Science/Women empowerment** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening | 01 | 0 | 15 | 15 | 0 | 15 | | 15 | 0 | 0 | 0 | 0 | 30 | 30 |
| Design and development of low/minimum cost diet |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Designing and development for high nutrient efficiency diet |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Minimization of nutrient loss in processing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Storage loss minimization techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Enterprise development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Value addition | 02 | 0 | 3 | 53 | 0 | 7 | | 7 | 0 | 0 | 0 | 0 | 60 | 60 |
| Income generation activities for empowerment of rural Women | 04 | 0 | 91 | 91 | 0 | 29 | | 29 | 0 | 0 | 0 | 0 | 120 | 120 |
| Location specific drudgery reduction technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Capacity building |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Women and child care | 01 | 0 | 14 | 14 | 0 | 16 | | 16 | 0 | 0 | 0 | 0 | 30 | 30 |
| 30Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VI.Agril. Engineering** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| 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, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VII. Plant Protection** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Pest Management | 05 | 113 | 22 | 135 | 12 | 2 | | 14 | 1 | 0 | 1 | 126 | 24 | 150 |
| Integrated Disease Management | 01 | 24 | 1 | 25 | 5 | 0 | | 5 | 0 | 0 | 0 | 29 | 1 | 30 |
| Bio-control of pests and diseases |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **VIII. Fisheries** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated fish farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Carp breeding and hatchery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Carp fry and fingerling rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Composite fish culture & fish disease |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| 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, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **IX. Production of Inputs at site** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-agents production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-pesticides production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-fertilizer production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermi-compost production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Organic manures production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of fry and fingerlings |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Bee-colonies and wax sheets |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Small tools and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of livestock feed and fodder | 1 | 26 | 4 | 30 | 0 | | 0 | 0 | 0 | 0 | 0 | 26 | 4 | 30 |
| Production of Fish feed |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **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, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| XI Agro-forestry |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production technologies | 3 | 44 | 0 | 44 | 16 | | 0 | 16 | 15 | 15 | 30 | 75 | 15 | 90 |
| Nursery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Farming Systems | 1 | 28 | 2 | 30 | 0 | | 0 | 0 | 0 | 0 | 0 | 28 | 2 | 30 |
| **XII. Others (Pl. Specify)** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **TOTAL** | 28 | 393 | 210 | 653 | 58 | | 97 | 155 | 17 | 15 | 32 | 481 | 359 | 840 |

**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 |
| Mushroom Production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bee-keeping |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vermi-culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Protected cultivation of vegetable crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Commercial fruit production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery Management of Horticulture crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Training and pruning of orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dairying |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sheep and goat rearing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Quail farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rabbit farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Poultry production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ornamental fisheries |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Para vets |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Para extension workers |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Freshwater prawn culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cold water fisheries |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fish harvest and processing technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fry and fingerling rearing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Small scale processing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tailoring and Stitching |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Group Dynamics and farmers organization |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Capacity building for ICT application |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Care and maintenance of farm machinery and implements |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Management in farm animals |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Women and Child care |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Low cost and nutrient efficient diet designing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Crop intensification |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **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 | 01 | 28 | 0 | 28 | 2 | 0 | | 2 | 0 | 0 | 0 | 30 | 0 | 30 |
| Resource Conservation Technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cropping Systems | 01 | 11 | 2 | 13 | 13 | 4 | | 17 | 0 | 0 | 0 | 24 | 6 | 30 |
| Crop Diversification | 01 | 8 | 6 | 14 | 1 | 15 | | 16 | 0 | 0 | 0 | 9 | 21 | 30 |
| Integrated Farming |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Crop Management | 01 | 6 | 23 | 29 | 0 | 1 | | 1 | 0 | 0 | 0 | 6 | 24 | 30 |
| Fodder production |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, (cultivation of crops ) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **II. Horticulture** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated nutrient management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Enterprise development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Skill development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Yield increment |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Off-season vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Exotic vegetables like Broccoli |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Protective cultivation (Green Houses, Shade Net etc.) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any (Cultivation of Vegetable) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **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, if any(INM) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **c) Ornamental Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential of ornamental plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **d) Plantation crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **e) Tuber crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **f) Spices** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **g) Medicinal and Aromatic Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **III. Soil Health and Fertility Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil fertility management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil and Water Conservation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Nutrient Management | 05 | 109 | 25 | 134 | 7 | 8 | | 15 | 1 | 0 | 1 | 130 | 20 | 150 |
| Production and use of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of Problematic soils |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro nutrient deficiency in crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nutrient Use Efficiency |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil and Water Testing | 01 | 22 | 6 | 28 | 2 | 0 | | 2 | 0 | 0 | 0 | 24 | 6 | 30 |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **IV. Livestock Production and Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Poultry Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Piggery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Feed management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any (Goat farming) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **V. Home Science/Women empowerment** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening | 01 | 0 | 15 | 15 | 0 | 15 | | 15 | 0 | 0 | 0 | 0 | 30 | 30 |
| Design and development of low/minimum cost diet |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Designing and development for high nutrient efficiency diet |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Minimization of nutrient loss in processing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Storage loss minimization techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Enterprise development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Value addition | 02 | 0 | 3 | 53 | 0 | 7 | | 7 | 0 | 0 | 0 | 0 | 60 | 60 |
| Income generation activities for empowerment of rural Women | 04 | 0 | 91 | 91 | 0 | 29 | | 29 | 0 | 0 | 0 | 0 | 120 | 120 |
| Location specific drudgery reduction technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Capacity building |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Women and child care | 01 | 0 | 14 | 14 | 0 | 16 | | 16 | 0 | 0 | 0 | 0 | 30 | 30 |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VI. Agril. Engineering** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| 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, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VII. Plant Protection** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Pest Management | 05 | 113 | 22 | 135 | 12 | 2 | | 14 | 1 | 0 | 1 | 126 | 24 | 150 |
| Integrated Disease Management | 01 | 24 | 1 | 25 | 5 | 0 | | 5 | 0 | 0 | 0 | 29 | 1 | 30 |
| Bio-control of pests and diseases |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **VIII. Fisheries** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated fish farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Carp breeding and hatchery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Carp fry and fingerling rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Composite fish culture & fish disease |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| 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, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **IX. Production of Inputs at site** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-agents production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-pesticides production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-fertilizer production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermi-compost production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Organic manures production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of fry and fingerlings |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Bee-colonies and wax sheets |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Small tools and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of livestock feed and fodder | 1 | 26 | 4 | 30 | 0 | | 0 | 0 | 0 | 0 | 0 | 26 | 4 | 30 |
| Production of Fish feed |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| 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, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL | 3 | 44 | 0 | 44 | 16 | | 0 | 16 | 15 | 15 | 30 | 75 | 15 | 90 |
| **XI Agro-forestry** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production technologies | 1 | 28 | 2 | 30 | 0 | | 0 | 0 | 0 | 0 | 0 | 28 | 2 | 30 |
| Nursery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **XII. Others (Pl. specify)** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **TOTAL** | 28 | 393 | 210 | 653 | 58 | | 97 | 155 | 17 | 15 | 32 | 481 | 359 | 840 |

**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** |
| Mushroom Production |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Bee-keeping | 1 | 8 | 8 | 16 | 2 | 0 | 2 | 2 | 0 | 2 | 12 | 8 | 20 | |
| Integrated farming |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Vermi-culture |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Sericulture |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Protected cultivation of vegetable crops |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Commercial fruit production |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Nursery Management of Horticulture crops |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Training and pruning of orchards |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Value addition |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Dairying |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Sheep and goat rearing |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Quail farming |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Piggery |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Rabbit farming |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Poultry production |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Ornamental fisheries |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Para vets |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Para extension workers |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Composite fish culture |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Freshwater prawn culture |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Shrimp farming |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Pearl culture |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Cold water fisheries |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Fish harvest and processing technology |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Fry and fingerling rearing |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Small scale processing |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Post Harvest Technology |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Tailoring and Stitching |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Enterprise development |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Others if any (ICT application in agriculture) |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| TOTAL | 1 | 8 | 8 | 16 | 2 | 0 | 2 | 2 | 0 | 2 | 12 | 8 | 20 | |

**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 | 01 | 17 | 02 | 19 | 1 | 0 | 1 | 0 | 0 | 0 | 18 | 2 | 20 |
| Integrated Nutrient management | 01 | 14 | 4 | 18 | 1 | 0 | 1 | 1 | 0 | 1 | 16 | 4 | 20 |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Protected cultivation technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Group Dynamics and farmers organization |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Capacity building for ICT application |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Care and maintenance of farm machinery and implements |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Management in farm animals |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Women and Child care | 02 | 0 | 32 | 32 | 0 | 6 | 6 | 0 | 2 | 2 | 0 | 40 | 40 |
| Low cost and nutrient efficient diet designing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Crop intensification |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others if any |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL | 4 | 31 | 38 | 69 | 2 | 6 | 8 | 1 | 2 | 3 | 34 | 46 | 80 |

## 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 | F/W | Integrated weed management in Groundnut | 1 | Off Campus | 30 | 0 | 30 | 2 | 0 | 2 |
| Agronomy | F/W | Crop intensification in rice fallow area | 1 | Off Campus | 24 | 6 | 30 | 13 | 4 | 17 |
| Agronomy | F/W | Crop diversification in rice-rice cropping system | 1 | Off Campus | 9 | 21 | 30 | 1 | 15 | 16 |
| Agronomy | F/W | Rice varieties for different agro ecological situations | 1 | Off Campus | 6 | 24 | 30 | 0 | 1 | 1 |
| Soil Science | F/W | INM in Tomato | 1 | Off Campus | 30 | 0 | 30 | 1 | 0 | 1 |
| Soil Science | F/W | INM in Pulses | 1 | Off Campus | 17 | 13 | 30 | 0 | 0 | 0 |
| Soil Science | F/W | Importance of soil testing and fertilizer recommendation | 1 | Off Campus | 24 | 6 | 30 | 2 | 0 | 2 |
| Soil Science | F/W | INM in cauliflower | 1 | Off Campus | 30 | 0 | 30 | 5 | 0 | 5 |
| Soil Science | IS | Soil health management | 1 | On Campus | 16 | 4 | 20 | 1 | 1 | 2 |
| Soil Science | F/W | Micro and secondary nutrient application in rice | 1 | Off Campus | 30 | 0 | 30 | 0 | 0 | 0 |
| Soil Science | F/W | Integrated nutrient management in Tomato | 1 | Off Campus | 10 | 20 | 30 | 2 | 8 | 10 |
| Plant protection | F/W | Integrated management of stem borer in summer paddy | 1 | Off Campus | 29 | 1 | 30 | 3 | 1 | 4 |
| Plant protection | F/W | IPM in groundnut | 1 | Off Campus | 16 | 14 | 30 | 2 | 1 | 3 |
| Plant protection | F/W | Management of panicle mite in paddy | 1 | Off Campus | 29 | 1 | 30 | 06 | 0 | 06 |
| Plant protection | F/W | Integrated management of BPH/WBPH in paddy | 1 | Off Campus | 30 | 0 | 30 | 0 | 0 | 0 |
| Plant protection | F/W | IPM in jute | 1 | Off Campus | 22 | 8 | 30 | 2 | 0 | 2 |
| Plant protection | F/W | IDM in onion | 1 | Off Campus | 29 | 1 | 30 | 5 | 0 | 5 |
| Plant protection | IS | Recent advances in ingrated pest management in paddy | 1 | On Campus | 18 | 02 | 20 | 1 | 0 | 1 |
| Home Science | F/W | Cultivation of oyster mushroom for income generation | 1 | Off Campus | 0 | 30 | 30 | 0 | 2 | 2 |
| Home Science | F/W | Preparation of value added products from milk | 1 | Off Campus | 0 | 30 | 30 | 0 | 1 | 1 |
| Home Science | IS | Strategies to improve nutritional status of pre-schoolars | 2 | On Campus | 0 | 20 | 20 | 0 | 4 | 4 |
| Home Science | F/W | Rearing of Kadaknath poultry bird for income generation | 1 | Off Campus | 0 | 30 | 30 | 0 | 21 | 21 |
| Home Science | F/W | Nutritional care during COVID-19 pandemic | 1 | Off Campus | 0 | 30 | 30 | 0 | 16 | 16 |
| Home Science | F/W | Nutritional gardening for nutritional security | 1 | Off Campus | 0 | 30 | 30 | 0 | 15 | 15 |
| Home Science | F/W | Oyster mushroom cultivation | 1 | Off Campus | 0 | 30 | 30 | 0 | 5 | 5 |
| Home Science | F/W | Backyard rearing of Kadaknath poultry bird for income generation | 1 | Off Campus | 0 | 30 | 30 | 0 | 1 | 1 |
| Home Science | F/W | Preparation of value added products from Tomato | 1 | Off Campus | 0 | 30 | 30 | 0 | 6 | 6 |
| Home Science | IS | Strategies to improve quality of nutrition during COVID -19 pandemic | 1 | On Campus | 0 | 20 | 20 | 0 | 4 | 4 |
| Forestry | RY | Scientific beekeeping | 3 | On Campus | 12 | 8 | 20 | 4 | 0 | 4 |
| Forestry | F/W | Fuel wood security for small farmers | 1 | Off Campus | 30 | 0 | 30 | 6 | 0 | 6 |
| Forestry | F/W | Package and practices of Teak | 1 | Off Campus | 15 | 15 | 30 | 15 | 15 | 30 |
| Forestry | F/W | Cultivation of vegetable as intercrops in Acacia plantation | 1 | Off Campus | 28 | 2 | 30 | 0 | 0 | 0 |
| Forestry | F/W | Cultivation of fodder trees and grasses for improving livestocks productions | 1 | Off Campus | 26 | 4 | 30 | 0 | 0 | 0 |
| Forestry | F/W | Fuel wood security for small farmers | 1 | Off Campus | 30 | 0 | 30 | 10 | 0 | 10 |
|  |  |  |  |  |  |  |  |  |  |  |

## H) Vocational training programmes for Rural Youth

## 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 |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

Sponsored Training Programmes

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No | Title | Thematic area | Month | Duration (days) | Client | No. of courses | No. of Participants | | | | | | | | | | Sponsoring Agency |
| PF/RY/EF | Male | | | Female | | | Total | | | |
| Others | SC | ST | Others | SC | ST | Others | SC | ST | Total |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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 | 01 | 54 | 6 | 60 | 15 | 05 | 01 | 06 | 59 | 07 | 66 |
| KisanMela | 01 | 20 | 0 | 20 | 5 | 12 | 0 | 12 | 32 | 0 | 32 |
| KisanGhosthi | - | - | - | - | - | - | - | - | - | - | - |
| Exhibition | 01 | - | - | - | - | - | - | - | - | - | - |
| Film Show | 05 | 70 | 20 | 90 | 10 | 06 | 09 | 15 | 76 | 29 | 105 |
| Method Demonstrations | 52 | 362 | 198 | 560 | 11 | - | - | - | 362 | 198 | 560 |
| Farmers Seminar | - | - | - | - | - | - | - | - | - | - | - |
| Workshop | - | - | - | - | - | - | - | - | - | - | - |
| Group meetings | 10 |  |  |  |  |  |  |  |  |  |  |
| Lectures delivered as resource persons | 28 |  |  |  |  |  |  |  |  |  |  |
| Advisory Services | 45 | - | - | 47416 |  |  |  |  |  |  |  |
| Scientific visit to farmers field | 85 | - | - | 265 | 35 | - | - | 25 | - | - | 295 |
| Farmers visit to KVK |  |  |  |  |  |  |  |  |  |  |  |
| Diagnostic visits | 185 | - | - | 185 | - | - | - | - | - | - | 185 |
| Exposure visits | 05 | 43 | 5 | 48 | 10 | 02 | 02 | 04 | 47 | 07 | 54 |
| Ex-trainees Sammelan | - | - | - | - | - | - | - | - | - | - | - |
| Soil health Camp | - | - | - | - | - | - | - | - | - | - | - |
| Animal Health Camp | - | - | - | - | - | - | - | - | - | - | - |
| Agri mobile clinic | - | - | - | - | - | - | - | - | - | - | - |
| Soil test campaigns | 02 | 85 | 15 | 100 | 25 | 3 | 2 | 5 | 88 | 20 | 108 |
| Farm Science Club Conveners meet | - | - | - | - | - | - | - | - | - | - | - |
| Self Help Group Conveners meetings | - | - | - | - | - | - | - | - | - | - | - |
| Mahila Mandals Conveners meetings | - | - | - | - | - | - | - | - | - | - | - |
| Celebration of important days (specify) |  |  |  |  |  |  |  |  |  |  |  |
| Celebration of important days (International women Day) | 01 | 0 | 40 | 40 | 19 | 0 | 43 | 43 | 0 | 83 | 83 |
| Poshan Mah | 01 | 0 | 50 | 50 | 15 |  |  |  |  |  |  |
| Agriculture education Day | 01 | 32 | 18 | 50 | 17 |  |  |  |  |  |  |
| Women In Agriculture Day | 01 | 0 | 30 | 30 | 7 |  |  |  |  |  |  |
| World Soil Day | 01 | 26 | 4 | 30 | 25 |  |  |  |  |  |  |
| Sankalp Se Siddhi | - | - | - | - | - | - | - | - | - | - | - |
| Swatchta Hi Sewa | - | - | - | - | - | - | - | - | - | - | - |
| Mahila Kisan Divas | 01 | 0 | 30 | 30 | 10 |  |  |  |  |  |  |
| Any Other (Potato conclave) | 01 | 35 | 15 | 50 | 2 | 2 | 4 | 6 | 37 | 19 | 56 |
| Any Other (Awareness on COVID-19) | 01 | 28 | 02 | 30 | 9 | 2 | 4 | 6 | 30 | 6 | 36 |
| Webcasting of PMKSN | 01 | 142 | 58 | 200 | 30 |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  |

B. Other Extension activities

|  |  |
| --- | --- |
| Nature of Extension Activity | No. of activities |
|
| Newspaper coverage | 01 |
| Radio talks | 06 |
| TV talks | 00 |
| Popular articles | 01 |
| Extension Literature | 13 |
| Other, (Technology Video) | 07 |

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

# *KVK farm*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Crop | Variety | Quantity of seed  (q) | Value  (Rs) | Number of farmers  to whom seed provided | | | |
|  |  |  |  | SC | ST | Other | Total |
| Sesamum | Smarak | 86 | 4230 | 5 | 2 | 10 | 17 |
| Grand Total |  | 86 | 4230 | 5 | 2 | 10 | 17 |

# 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 |
| **Vegetable seedlings** |  |  |  |  |  |  |  |
| Cauliflower | Megha | 2784 | 2192 |  |  |  |  |
| Cabbage | Rare ball | 2734 | 2167 |  |  |  |  |
| Tomato | Utkal kumari | 1550 | 950 |  |  |  |  |
| Brinjal | Utkal tarini | 5594 | 4522 |  |  |  |  |
| Chilli | Utkala ragini | 6886 | 3443 |  |  |  |  |
| Onion |  | 22000 | 2200 |  |  |  |  |
| Others |  |  |  |  |  |  |  |
| **Fruits** |  |  |  |  |  |  |  |
| Mango |  |  |  |  |  |  |  |
| Guava |  |  |  |  |  |  |  |
| Lime |  |  |  |  |  |  |  |
| Papaya | Pusa Nanha, Red lady | 1391 | 14810 |  |  |  |  |
| Banana |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |
| Ornamental plants |  |  |  |  |  |  |  |
| Medicinal and Aromatic |  |  |  |  |  |  |  |
| Plantation | Coconut | 160 | 1280 |  |  |  |  |
| Spices |  |  |  |  |  |  |  |
| Turmeric |  |  |  |  |  |  |  |
| Tuber |  |  |  |  |  |  |  |
| Elephant yams |  |  |  |  |  |  |  |
| Fodder crop saplings | Hybrid napier | 2000 | 600 |  |  |  |  |
| Forest Species | Teak, Acacia | 2684 | 23705 |  |  |  |  |
| Others, pl.specify |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |

**Production of Bio- product by KVKs**

| **Bio -product** | **Name of the Bio -product** | **Quantity (no.)** | | **Quantity (Kg.)** | | **Value (Rs.)** | **Number of farmers** | **Quantity (no.)** | **Quantity (Kg.)** | **Value (Rs.)** | **Number of farmers** | **Quantity (no.)** | **Quantity (Kg.)** | **Value (Rs.)** | **Number of farmers** | **Quantity (no.)** | **Quantity (Kg.)** | **Value (Rs.)** | **Number of farmers** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bio- fertilisers** |  | **A&N Islands** | | | | | | **Odisha** | | | | **West bengal** | | | | **Total** | | | |
| Non Symbiotic Azotobacter |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vermi compost |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Azolla |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Earth worms |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Compost |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Worms |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Blue green algae |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NADEP |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Azatobactor |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Azospirillum |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PSB |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rhizobium |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Azolla culture |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Bio- pestisides** |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Neem extract |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tobacco extract |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Trichoder- maviride |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Panchagavya |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Trichoderma |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Worms** |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Eudriluseuniae |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Earth worm** |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Eiseniafoetida |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Earth worm |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Bio- fungicides** |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Trichoder maviridae |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **others** |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vermiculture |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mushroom-spawn |  |  |  | |  | |  | 9987 | - | 15792 | 250 |  |  |  |  |  |  |  |  |
| Cuelure |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mineral mixture |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cow dung(dry) |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cow dung(wet) |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Grand Total** |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |

# Production of livestock materials

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Particulars of Live stock | Name of the breed | Number | Value (Rs.) | No. of Farmers benefitted | | | |
| SC | ST | Other | Total |
| Dairy animals |  |  |  |  | | | |
| Cows |  |  |  |  | | | |
| Buffaloes |  |  |  |  | | | |
| Calves |  |  |  |  | | | |
| Others (Pl. specify) |  |  |  |  | | | |
| Small ruminants |  |  |  |  | | | |
| Sheep |  |  |  |  | | | |
| Goat |  |  |  |  | | | |
| Other, please specify |  |  |  |  | | | |
| Poultry |  |  |  |  | | | |
| Broilers |  |  |  |  | | | |
| Layers |  |  |  |  | | | |
| Duals (broiler and layer) | Kuroiler, kadaknath | 2206 | 181040 | 150 | | | |
| Japanese Quail |  |  |  |  | | | |
| Turkey |  |  |  |  | | | |
| Emu |  |  |  |  | | | |
| Ducks |  |  |  |  | | | |
| Others (Pl. specify) |  |  |  |  | | | |
| Piggery |  |  |  |  | | | |
| Piglet |  |  |  |  | | | |
| Hog |  |  |  |  | | | |
| Others (Pl. specify) |  |  |  |  | | | |
| Fisheries |  |  |  |  | | | |
| Indian carp |  |  |  |  | | | |
| Exotic carp |  |  |  |  | | | |
| Mixed carp |  |  |  |  | | | |
| Fish fingerlings |  |  |  |  | | | |
| Spawn |  |  |  |  | | | |
| Others (Pl. specify) |  |  |  |  | | | |
| Grand Total |  |  |  |  | | | |

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

i) Name of Seed Hub Centre:

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

ii) Details of Quality Seed Production

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Season | Crop | Variety | Production (q) | | | |
| Target | Area sown (ha) | Production | Category of Seed  (F/S, C/S) |
| Kharif 2020 |  |  |  |  |  |  |
| Rabi 2020-21 |  |  |  |  |  |  |
| Summer/Spring 2021 |  |  |  |  |  |  |

iii) Financial Progress

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fund received  (2016-17, 2017-18 2018-19 and2019-20) | Expenditure (Rs. in lakhs) | | Unspent balance  (Rs. in lakhs) | Remarks |
|  | Infrastructure | Revolving fund |
| 2016-17 |  |  |  |  |
| 2017-18 |  |  |  |  |
| 2018-19 |  |  |  |  |
| 2019-20 |  |  |  |  |

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. Incident Galls induced by Leptocybe invasa (Hymenoptera:Eulophidae) on Eucalyptus sps in Koraput Odisha(multi-logic in science) 2. Forest land use map of chandaka wildlife sanctuary using multi date data (Journal of pharmacognosy & phytochemistry) 3. Performance of ginger & turmeric as intercrop in mango based agro-forestry system in eastern ghat highland zone of Odisha (e-planet) | 1. Sefali Rout 2. Sefali Rout 3. Sefali Rout | - | - |
| Seminar/conference/ symposia papers | - | - | - | - |
| Books | - | - | - | - |
| Bulletins | - | - | - | - |
| News letter | Shyamala | KVK, Balasore | 1000 | 1000 |
| Popular Articles | - | - | - | - |
| Book Chapter | - | - | - | - |
| Extension Pamphlets/ literature | 1. Fall army worm:chinhata o parichalana 2. Pana barajara jatna o gunatmaka pana utpadana 3. Dhana fasalare samanyita roga poka parichalan 4. Panipariba fasalare samanyita roga poka parichalan 5. Muga chasa 6. Jiakhata Utpadana 7. Baigyanika padhatire sorisa chasa. 8. Baigyanika padhatire sorisa fasalare bihan utpadana 9. Nutritional security & Nutritional garden 10. Dhana Fasalare bihana chasa pranali 11. Chinabadam chasa   Gunatmaka bihana utpadana | 1. Dr. G. Sahoo, Scientist (Plant protection) 2. Dr. G. Sahoo, Scientist (Plant protection) 3. Dr. G. Sahoo, Scientist (Plant protection) 4. Dr. G. Sahoo, Scientist (Plant protection) 5. Dr. G. Sahoo, Scientist (Plant protection) 6. Dr. G. Sahoo, Scientist (Plant protection) 7. Niroj Kumar Jena, PA (seed sc) 8. Niroj Kumar Jena, PA (seed sc) 9. Dr. Amita rani Patra, Scientist (Home sc.) 10. Prava manjari Giri, Scientist (Agronomy) 11. Prava manjari Giri, Scientist (Agronomy) 12. Prava manjari Giri, Scientist (Agronomy) |  |  |
| Technical reports | 1. SAC report 2. QRT Report 3. Annual Progress Report 4. CFLD Report in G.nut (Rabi &summer), Sesamum, Green gram, Black | Niroj Kumar Jena, Prog. asst. (seed sc) | 50 | 50 |
| Electronic Publication (CD/DVD etc) | 1. Preparation of tomato ketch up 2. Income generation through spawn production 3. Income generation through oyster mushroom 4. Bed preparation of oyster mushroom 5. PHM of oyster mushroom 6. Importance of nutritional garden 7. Layout of nutritional garden | Dr. Amita rani Patra, - | - | - |
| 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 |
| 1. | Workshop | Workshop on mitigating the challenges in house hold and public health pest management | Dr. Gayatree Sahoo | 18.01.2020 | Dept. of Entomology, OUAT |
| 2. | Workshop | Agro-ecosystem analysis for participatory planning | Dr. Amita rani Patra | 17.02.2020-21.02.2020 | DEE,OUAT |
| 3. | Online Training programme | Non-insect pest management- Mites, crabs, Snails, slugs and avians. | Dr. Gayatree Sahoo  Scientist (Plant protection) | 11-13 August 2020 | NIPHM, hyderabad |
| 4. | Online Training programme | Risk assessment and management of vertebrate pests in agriculture and Horticulture ecosystem | Dr. Gayatree Sahoo  Scientist (Plant protection) | 10-19 February 2021 | NIPHM, hyderabad |

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

|  |  |
| --- | --- |
| Name of farmer | Jasobant Pradhan |
| Address | At- Birpalia, Po-devog, Baliapal |
| Contact details (Phone, mobile, email Id) | 8018901800 |
| Landholding (in ha.) | 0.25 |
| Name and description of the farm/ enterprise | Mushroom cultivation |
| Economic impact | Oyster Mushroom – 34500/4month  Paddy straw Mushroom – 210000/8month |
| Social impact | He has made a low cost mushroom unit of size 38&25ft with expenditure of 25000 with maintenance of humidity & temp & installed a fogger of Rs 18000. Purchased a smart phone & 2-wheeler from the profit. |
| Environmental impact | He is using the scrambled straw for Paddy straw mushroom cultivation which were burned in the field causing pollution |
| Horizontal/ Vertical spread | 20nos. of farmers started mushroom cultivation after visiting his mushroom farm. |

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 | Audio Conference | In linkage with Reliance Foundation | Farmers were invited through newspaper to participate in the multi-location audio conference with technical experts of KVK on specific topic |
| 02 | Video Conference | In linkage with Reliance Foundation | Farmers of specific village were invited to participate in the video conference with technical experts of KVK |

3.9. a. Given 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 | Use of tender coconut piece | To control green algae |
|  | 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 |
|  | 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) |
| 01 | Black rice | 01 | 40q/ha | 01 | Yes |
| 02 | Nutritional Garden | 110 | - | 110 | 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 |
|  | R-E Linkage | Problem identification & prioritization |
|  | Focused Group discussion | Problem identification & prioritization |
|  | Audio & video conference | Problem identification |

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

|  |  |  |
| --- | --- | --- |
| Sl. No | Name of the Equipment | Qty. |
|  | Mridaparikhyak | 2 |
|  | pH meter | 1 |
|  | Electrical conductivity meter | 1 |
|  | BOD incubator | 1 |
|  | Hot air oven | 1 |
|  | Compound microscope | 1 |
|  | 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 |
| 100 | 760 | 860 | 860 | 32 | - |

3.11.c. Details on World Soil Day

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Activity | No. of Participants | No. of VIPs | Name (s) of VIP(s) | Number of Soil Health Cards distributed | No. of farmers benefitted |
| 01 | Awareness programme | 30 | - | - | 30 | 30 |
| 02 | Soil sample collection | 30 | - | - | - | 30 |

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

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

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

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

|  |  |  |
| --- | --- | --- |
| Date | Name of the person | Purpose of visit |
| 17.9.2020 | Sesadutta Soni | Seed kit distribution |
| 24.11.2020 | Sesadutta Soni | Input distribution |

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.) | |
| Scientific bee keeping | 20 | 60% | 2000 | 8,000/- |
| Vermi-composting | 20 | 95% | 5000 | 35000 |
| Quality seed production | 20 | 95% | 4000 | 38000 |
| Mushroom cultivation | 30 | 98% | 39,000 | 70,000 |

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 |
| Bunch feeding in banana | 250ha |
| Post-emergence application of Penoxulam in transplanted rice | 15000 ha |
| Management of stem borer in summer paddy | 12000 ha |
| Vine rot management in Betel vine | 450ha |

Give information in the same format as in case studies

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

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Brief details of technology | Impact of the technology in subjective terms | Impact of the technology in objective terms |
| 01 | Post-emergence application of penoxulam in transplanted rice | This technology is adopted in 15000ha area | 21% increase over traditional practice |
| 02 | Bunch feeding in banana | This technology is adopted 250ha area of Baliapal block | 12.6% yield increase than farmers practice |
| 03 | Management of stem borer in summer paddy | This technology is adopted 12000ha area | 55% yield increase than farmers practice |
| 04 | Vine rot management in Betel vine | This technology is adopted 450ha area | 35% yield increase than farmers practice |

4.4. Details of innovations recorded by the KVK

|  |  |
| --- | --- |
| **Thematic area** | Farm Machinery |
| **Name of the Innovation** | Modified Sprayer for betel vine crop |
| **Details of Innovator** | Ratan Kumar Barik, AT/PO-Narayanpur, Block-Baliapal,Dist-Balasore |
| **Back ground of innovation** | He is a 10th drop out rural youth possessing 2hectare land. He was practicing conventional betel vine cultivation. The sprayers available in market are not suitable for spraying in betel vine unit. In 2017 he comes in contact with scientists of KVK, Balasore for technical intervention. |
| **Technology details** | The sprayer consists of a motor, battery, charger, a container of 10-15 liter capacity and a discharge assembly. The width of the normal sprayer is less than the normal sprayer and it fit to the row spacing of betel vine crop, which helps in easy spraying. |
| **Practical utility of innovation** | The sprayer that available in market of the same liter capacity is around 2800/-, but its cost is only 2200/-. So a farmer can save 600/- in buying that sprayer with ease of spraying operation in betel vine crop. Though he has produced 26 numbers of sprayers and sold it to other farmers, but with a very marginal profit which include only the transportation expenditures. |

4.5. Details of entrepreneurship development

|  |  |
| --- | --- |
| Entrepreneurship development | |
| Name of the enterprise | Satrughna nandi |
| Name & complete address of the entrepreneur | AT-Dumichak, PO- Devog, Baliapal, Via- Singla, Balasore, 756023  8144722427 |
| Role of KVK with quantitative data support: | * Skill development training on Vermicomposting, * Training and demonstration on Vegetables and mustard |
| Timeline of the entrepreneurship development | * 2018: Training on vermicomposting , Started dairy unit * 2019: Started Vermicompost production-1unit & pisciculture unit * 2020: Started Vermi-culture production & vermicompost – 5nos. of tank |
| Technical Components of the Enterprise | Vermicompost production, Pisciculture (IMC), Dairy unit |
| Status of entrepreneur before and after the enterprise | He was earning about Rs 3000/- per month & maintaining his day to day life with difficulties. Now he is earning 10500/- per month, has purchased a two wheeler & android mobile phone. He is acting as a master trainer. |
| Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. ( Economic viability of the enterprise): | Net profit – 78300/annum |
| Horizontal spread of enterprise | * Technical support to 60 SHG members of Basta block for Mushroom cultivation. * Supply of Mushroom Spawn bottle to nearby mushroom growers |

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

|  |  |
| --- | --- |
| Name of organization | Nature of linkage |
| Agriculture dept. | BGREI, NFSM, TRFA, Training |
| Horticulture dept. | QPM verification, Training |
| NABARD | Awareness on PMFBY, Credit linkage |
| Reliance foundation | Audio conference, Video Conference, Live TV programme |
| IFFCO | Poshan Mah |
| CSISA | Zinc Trail |

5.2. List of special programmes undertaken during 2020-21 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the programme/ scheme | Purpose of programme | Date/ Month of initiation | Funding agency | Amount (Rs.) |
| GKRA | Training to migrant | July, 2020 | ATARI-Kolkata | 280000 |

1. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of demo Unit | Year of estt. | Area(Sq.mt) | Details of production | | | Amount (Rs.) | | Remarks |
| Variety/breed | Produce | Qty. | Cost of inputs | Gross income |  |
| 1 | Poultry demo unit | 2011-12 | 50 | Kuroiler kadaknath | 2206 | 2206 | - | 181040 | Poultry demo unit |
| 2 | Mushroom spawn unit | 2010-11 |  | Paddy straw and oyster | 987 | 987 | - | 15792 | Mushroom demo unit |
| Total |  |  |  |  |  |  |  |  |  |

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 |
| Vegetables | - | - | 0.1 | - | - | 28.15 | - | 368 |  |

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

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

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No | Name  of the animal / bird / aquatics | Details of production | | | Amount (Rs.) | | Remarks |
| Breed | Type of Produce | Qty. | Cost of inputs | Gross income |
| 1. |  |  |  |  |  |  |  |
| 2. |  |  |  |  |  |  |  |
| 3. |  |  |  |  |  |  |  |

6.5 Utilization of hostel facilities

Accommodation available (No. of beds)

|  |  |  |  |
| --- | --- | --- | --- |
| Months | No. of trainees stayed | Trainee days  (days stayed) | Reason for short fall (if any) |
| February, 2020 | 80 | 12 | Hostel is damaged |
| March, 2020 | 40 | 17 | Hostel is damaged |
| Total : | 120 | 29 |  |

(For whole of the year)

* 1. Utilization of staff quarters
* Whether staff quarters has been completed: Yes
* No. of staff quarters: 4
* Date of completion: 2008

Occupancy details:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Months | Q I | QII | Q III | QIV |
| January, 2019-December, 2019 | Birendra Kumar Parida  Driver-cum-Mechanic | Manoj Kumar Jena  Scientist (Soil Sc.) | Debendranath Das  Peon-cum-Watchman | Vacant |

1. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

|  |  |  |  |
| --- | --- | --- | --- |
| Bank account | Name of the bank | Location | Account Number |
| Contingency | State bank of India | Baliapal | 11524957372 |
| Revolving fund | UCO bank | Devog | 17550200000062 |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Released by ICAR | | Expenditure | | Unspent balance as on - |
| Kharif | Rabi | Kharif | Rabi |
| Rabi Groundnut |  | 120000 |  | 120000 | Nil |
| Summer Groundnut |  | 120000 |  | 120000 | Nil |
| Sesamum |  | 50000 |  | 50000 | Nil |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Released by ICAR | | Expenditure | | Unspent balance as on 1st April 2021 |
| Kharif | Rabi | Kharif | Rabi |
| Green Gram |  | 90000 |  | 90000 | Nil |
| Black gram |  | 90000 |  | 90000 | Nil |

* 1. Utilization of KVK funds during the year 2020-21 (Not audited)

| Sl. No. | Particulars | | Sanctioned | Released | Expenditure |
| --- | --- | --- | --- | --- | --- |
| A. Recurring Contingencies | | | | | |
| 1 | Pay & Allowances | | 108.00 | - | - |
| 2 | Traveling allowances | | 100000 | 100000 | 100000 |
| 3 | HRD | 80000 | | 30000 | 30000 |
| 4 | Contingencies |  | |  |  |
| *A* | Cont. | | 1700000 | 1500000 | 1300000 |
| *B* |  |  | |  |  |
| *C* |  | |  |  |  |
| *D* |  |  | |  |  |
| *E* |  | |  |  |  |
| *F* |  | |  |  |  |
| *G* |  | |  |  |  |
| *H* |  | |  |  |  |
| *I* |  | |  |  |  |
| *J* | Swachhta Expenditure | | 15000 | 15000 | 9000 |
| TOTAL (A) | | | 18,95,000 | 16,45,000 | 16,39,000 |
| B. Non-Recurring Contingencies | | | | | |
| 1 | Library | | 10000 | 10000 | 10000 |
| 2 |  | |  |  |  |
| 3 |  | |  |  |  |
| 4 |  | |  |  |  |
| TOTAL (B) | | | 10000 | 10000 | 10000 |
| C. REVOLVING FUND | | | - | - | - |
| GRAND TOTAL (A+B+C) | | | 20,05,000 | 16,55,000 | 16,49,000 |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year | Opening balance as on 1st April | Income during the year | Expenditure during the year | Net balance in hand as on 1st April of each year (Kind + cash) |
| 2018-19 | 5000 | 2,70,000 | 1,30,000 | 145000 |
| 2019-20 | 3,50,000 | 1,80,000 | 75,000 | 455000 |
| 2020-21 | 5000 | 170000 | 80000 | 95000 |

* 1. (i) Number of SHGs formed by KVKs: - Nil

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities:-113

(iii) Details of marketing channels created for the SHGs:- Linkage with mission Shakti, ORMAS, Linkage for GI tagging

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of activity | Number of activity | Season | With line department | With ATMA | With both |
| Diagnostic Field Visit | Black gram field visit | Rabi, 2020 | Agriculture dept | - | - |

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) |
| Blast | Paddy | Sept- Oct & Feb- Mach | 2650 ha | 60% | 2600 ha |
| Bacterial Wilt | Brinjal | September | 200ha | 85% | 150ha |
| Pulple blotch | Onion | Dec- Jan | 450 ha | 45% | 420 ha |

8.2. Prevalent diseases in Livestock/Fishery

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

9.1. Nehru Yuva Kendra (NYK) Training

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

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

|  |  |  |
| --- | --- | --- |
| Type of message | No. of messages | No. of farmers covered |
| Crop | 38 | **47317** |
| Livestock | 1 | **47317** |
| Fishery | 1 | **47317** |
| Weather | 2 | **47317** |
| Marketing | - | **47317** |
| Awareness | 1` | **47317** |
| Training information | - | **47317** |
| Other | 1 | **47317** |
| **Total** | 45 | **47317** |

9.3. *KVK* Portal and Mobile App

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

9.4. a. Observation of Swachh Bharat Programme

|  |  |
| --- | --- |
| Date/ Duration of Observation | Activities undertaken |
| 13.02.20/ 2 hours | Vermi-composting/Composting of biodegradable waste management & other activities on generate of wealth for waste |
|  |  |

b. Details of Swachhta activities with expenditure

|  |  |  |
| --- | --- | --- |
| **Activities** | **Number** | **Expenditure (in Rs.)** |
| 1. Digitization of office records/ e-office | 2 |  |
| 1. Basic maintenance | 2 |  |
| 1. Sanitation and SBM | 15 |  |
| 1. Cleaning and beautification of surrounding areas | 4 |  |
| 1. Vermicomposting/   Composting of biodegradable waste management & other activities on generate of wealth for waste | 1 | 9000 |
| 1. Used water for agriculture/ horticulture application |  |  |
| 1. Swachhta Awareness at local level |  |  |
| 1. Swachhta Workshops |  |  |
| 1. Swachhta Pledge |  |  |
| 1. Display and Banner |  |  |
| 1. Foster healthy competition |  |  |
| 1. Involvement of print and electronic media |  |  |
| 1. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village) |  |  |
| 1. No of Staff members involved in the activities |  |  |
| 1. No of VIP/VVIPs involved in the activities |  |  |
| 16. Any other specific activity (in details) |  |  |
| **Total** |  |  |

9.5. Observation of National Science day

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

9.6. Programme with Seema Suraksha Bal/ BSF

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

9.7. Agriculture Knowledge in rural school

|  |  |  |  |
| --- | --- | --- | --- |
| Name and address of school | Date of visit to school | Areas covered | Teaching aids used |
| Maguni charan Balashram, Mathani | 5.8.2020 | - | Demonstration |

Give good quality 1-2 photograph(s)

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Date of programme | No. of Union Ministers attended the programme | No. of  Hon’ble MPs (Loksabha/ Rajyasabha) participated | No. of State Govt. Ministers | Participants (No.) | | | | | | | Coverage by Door Darshan (Yes/No) | Coverage by other channels (Number) |
| MLAs Attended the programme | Chairman ZilaPanchayat | Distt. Collector/ DM | Bank Officials | Farmers | Govt. Officials, PRI members etc. | Total |
| 24.11.2020 | - | - | - | - | - | - | - | 20 | 2 | 22 | No | 1 |

9.9. Details of Swachhta Hi Sewa programme organized -

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

9.10. Details of Mahila Kisan Divas programme organized

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.  No. | Activity | No. of villages Involved | No. of Participants | No. of VIPs | Name (s) of VIP(s) |
| 1 | Mahila Kisan Divas | 4 | 30 | - | - |

9.11. 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 |
|  | Jayanta Giri | Raidhenk, Baliapal, 7894568842 | Banana Grower |
|  | Dhananjay Giri | Gadashi, Jaleswar, 9937992841 | Vegetable Grower |
|  | Swati supriya sahu | Bhograi, 9348359638 | Mushroom Cultivation |
|  | Debaprasad Das | Paschimbard, Jaleswar | Black rice cultivation |
|  | Suroj Patra | Baliapal, 6371926342 | Kadaknath Poultry cultivation |
|  | Satrughna nandi | Dumichak, 8329930844 | Vermicompost production |
|  | Biswajit Bagudei | Nilgiri, 6370650362 | Mushroom & Spawn production |
|  | Mrutyunjay Hazira | Narayanpur, 8457835028 | Betel vine cultivation |
|  | Bhaskar Patra | Choumukh, 9348750634 | IFS |
|  | Sukumar Samata | Ganja, 7077811471 | Sugar free Rice & seed production |

9.12. Revenue generation

| Sl.No. | Name of Head | Income(Rs.) | Sponsoring agency |
| --- | --- | --- | --- |
| 1. | - | - | - |
| 2. |  |  |  |
| 3. |  |  |  |

9.13. Resource Generation:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of the programme | Purpose of the programme | Sources of fund | Amount  (Rs. lakhs) | Infrastructure created |
|  | - | - | - | - | - |

9.14. Performance of Automatic Weather Station in KVK

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

9.15. Contingent crop planning

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of the state | Name of district/KVK | Thematic area | Number of programmes organized | Number of Farmers contacted | A brief about contingent plan executed by the KVK |
| Odisha | Balasore | Contingent crop planning | 06 | 48000 | Farmers training and KMA |

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

1. Year:2020-21
2. Introduction / General Information:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Title | Objective | Treatment details | Date of sowing | Replication | Result with photographs |
| Experiment 1 | Response of zinc application in Rice | To study the response of Zn application on growth & yield of rice | T1- No Zinc  T2- Zinc sulphate@ 25kg/ha | 02.07.2020 | 12 | T1- 52.6q/ha  T2- 58.7q/ha |

11. Details of TSP- No TSP at KVK, Balasore

1. Achievements of physical output under TSP during 2017-18

|  |  |
| --- | --- |
| **Programmes** | **Physical achievements** |
| Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.) |  |
| On-farm trials (Number) |  |
| Frontline demonstrations (Number) |  |
| Farmers training (in lakh) |  |
| Extension personnel training (in lakh) |  |
| Participants in extension activities (in lakh) |  |
| Seed production (in tonnes) |  |
| Planting material production (in lakh) |  |
| Livestock strains and fingerlings production (in lakh) |  |
| Soil, water, plant, manures samples testing (in lakh) |  |
| Provision of mobile agro – advisory to farmers (in lakh) |  |
| No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.) |  |

1. Fund received under TSP in 2020-21 (Rs. In lakh):
2. (i) Achievements of physical outcome under TSP during 2020-21

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Description | Unit | Achievements |
|
| 1 | Change in family income | % |  |
| 2 | Change in family consumption level | % |  |
| 3 | Change in availability of agricultural implements/ tools etc. | No. per household |  |

(ii) Table:

| ***Sl.***  ***No.*** | ***Description*** | ***Unit*** | ***Achievements*** |
| --- | --- | --- | --- |
| 1 | Number of Technologies Identified after Assessment | Number |  |
| 2 | Upgraded Skills and Knowledge of farmers | Number |  |
| 3 | Oriented extension personnel in frontier areas of agricultural technology | Number |  |
| 4 | Increased availability of quality seed | Quintal |  |
| 5 | Increased availability of quality Planting material | Number |  |
| 6 | Increased availability of live-stock strains and fingerlings | Number |  |
| 7 | Testing of Soil & water samples for balance fertilizer use | Number |  |

1. Location and Beneficiary Details during 2020-21

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***District*** | ***Sub-district*** | ***No. of Village covered*** | ***Name of village(s)***  ***covered*** | ***ST population benefitted***  ***(No.)*** | | |
|  |  |  |  | M | F | T |
|  |  |  |  |  |  |  |

**12.** Schedule caste Output & Outcome achievements

|  |  |  |  |
| --- | --- | --- | --- |
| Sl.  No. | Indicator/Activities | Unit of Indicator | Achievements |
| 1 | Farmers, farm women trained by KVKs | Number |  |
| 2 | Extension personnel trained by KVKs | Number |  |
| 3 | On-farm trials conducted by KVKs | Number |  |
| 4 | Frontline demonstrations conducted by KVKs | Number |  |
| 5 | Quantity of seeds produced | Quintal |  |
| 6 | Planting materials Produced | Number |  |
| 7 | Livestock strains and fingerlings produced | Number |  |
| 8 | Soil & water samples tested | Number |  |

13**.** Information pertaining to ARYA Project

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **2020-21** | | | | | | | |
| Name of KVK | Year since ARYA is initiated in the KVK (specify year) | No. of Training programs | No. of rural youth trained | | No. of youth established units | | No. of entrepreneurial units established |
|  |  |  | **M** | **F** | **M** | **F** |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

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

(Applicable for KVKs identified under NICRA)

Natural Resource Management

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

15. Awards/Recognition received by the KVK

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

Award received by Farmers from the KVK district

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of the Award | Name of the Farmer | Year | Conferring Authority | Amount | Purpose |
| 1 | Best Progressive Farmer | Sudhansu Manik | 2020 | OUAT | - | To motivate other farmers |
| 2 | Best Entrepreneur | Satrughna Nandi | 2020 | OUAT | - | To motivate other entrepreneurs |

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

17. 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 |
| 01 | Subarnarekha Agriculture FPCL | (U01403OR2016PTC019763, DATED . 07.01.2016) | 07.01.2016  AT/PO- Panchurukhi,,  P.S – Baliapal,  DIST- Balasore,  ODISHA-756026 | Paddy,  Pulses &  Paddy seed Production | Paddy  Pulses | 170 | 941250/- | - |
| 02 | Bhograi FPCL | (U01100OR2016PTC025221, Dated : 11.05.2016) | 11.05.2016  AT/PO-Soharia  PS-Bhograi BALASORE,  ODISHA-756036 | Paddy, Pulse &  Paddy seed Production | Paddy,  Pulse | 100 | 675251/- | - |
| 03 | Mahalaxmi Producer group | 22020002000007  18.01.2019 | 07.01.2020  Silasuan, Remuna | Value addition | Tomato sauce, Chilli sauce, vegetable pickle, Cakes, Badi, Pampad | 20 | 204000/- | - |
| 04 | Radha Mushroom Producers Group |  | 24.09.2019  Mirigimundi, Rupsa | Mushroom cultivation & marketing | Paddy straw & Oyster | 42 | - |  |

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

19. Technologies for Doubling Farmers' Income

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of the Technology | Brief Details of Technology (3- 5 bullet points) | Net Return to the farmer (Rs.) per ha per year due to adoption of the technology | No. of farmers adopted the technology in the district | One high resolution ‘Photo’ in ‘jpg’ format for each technology |
| 1 | - | - | - | - | - |
| 2 | - | - | - | - | - |

20. Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Database prepared/ covered for | | KVK level Committee | | Various activity conducted for farmers |
| Phase | Total no. of villages | Total no. of farmers | Date of formation | Name of members |  |
| I (up-to 15.03.2018) | 675 | 1814 | - | - | - |
| II (up-to 24.04.218) | 1370 | 4138 | - | - | - |
| Total | 2045 | 5992 | - | - | - |

21. Information on Visit of VIPs to KVKs, if any

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

22.a) Information on **ASCI** Skill Development Training Programme, if undertaken during 2019-20 and 2020-21

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Year | 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 SDMS Portal (Y/N) | Fund utilized for the training (Rs.) |
| 2016-17 |  |  |  |  |  |  |  |
| 2017-18 |  |  |  |  |  |  |  |
| 2018-19 |  |  |  |  |  |  |  |
| 2019-20 | Quality seed Grower | Pravamanjari Giri  Scientist (Agronomy) | 18.02.2020 | 21.03.2020 | 20 | Yes | 1,80,000 |
| 2019-20 | Vermi-compost Producer | Dr. Gayatree Sahoo  Scientist (Plant Protection) | 18.02.2020 | 21.03.2020 | 20 | YES | 1,80,000 |

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs**., GKRA) if undertaken during 2020-21

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |  |
| QPM | Nursery raising techniques, quality planting material production & Vermicomposting | 24 | 2 | 0 | 0 | 0 | 33 | 0 | 35 | 0 | 35 | 17500 |
| Income generation | Mushroom Cultivation | 24 | 0 | 0 | 0 | 0 | 24 | 11 | 24 | 11 | 35 | 17500 |
| Value addition | Value Added Products of Coconut | 24 | 2 | 0 | 0 | 0 | 28 | 5 | 30 | 5 | 35 | 17500 |
| Income generation | Background rearing of improved poultry birds for income generation | 24 | 4 | 1 | 2 | 0 | 28 | 0 | 34 | 1 | 35 | 17500 |
| Income generation | Mushroom Cultivation | 24 | 6 | 0 | 1 | 0 | 28 | 0 | 35 | 0 | 35 | 17500 |
| Income generation | Background rearing of improved poultry birds for income generation | 24 | 0 | 0 | 25 | 3 | 7 | 0 | 32 | 3 | 35 | 17500 |
| Seed production | Seed production in rice | 24 | 19 | 0 | 1 | 0 | 15 | 0 | 35 | 0 | 35 | 17500 |
| Seed production | Seed production in pulse and oil seeds | 24 | 7 | 0 | 1 | 0 | 27 | 0 | 35 | 0 | 35 | 17500 |
| Income generation | Scientific bee keeping | 24 | 2 | 3 | 0 | 0 | 12 | 18 | 14 | 21 | 35 | 17500 |
| Seed production | Seed production in rice | 24 | 12 | 0 | 1 | 0 | 22 | 0 | 35 | 0 | 35 | 17500 |
| Income generation | Scientific bee keeping | 24 | 4 | 0 | 1 | 0 | 16 | 14 | 21 | 14 | 35 | 17500 |
| Income generation | Techniques of Vermi-culture and vermicomposting | 24 | 2 | 8 | 0 | 0 | 2 | 23 | 4 | 31 | 35 | 17500 |
| Income generation | Techniques of Vermi-culture and vermicomposting | 24 | 8 | 2 | 0 | 0 | 21 | 4 | 29 | 6 | 35 | 17500 |
| Seed production | Seed production in pulse and oil seeds | 24 | 9 | 9 | 0 | 1 | 11 | 5 | 20 | 15 | 35 | 17500 |
| Seed production | Seed production in rice | 24 | 2 | 0 | 0 | 0 | 33 | 0 | 35 | 0 | 35 | 17500 |
| Income generation | Mushroom Cultivation | 24 | 1 | 1 | 3 | 0 | 20 | 10 | 24 | 11 | 35 | 17500 |

1. Information on NARI Project (if applicable)- **NO NARI PROJECT at KVK, Balasore**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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. Information on Krishi Kalyan Abhiyan Phase- I/ Phase-II/ Phase-III, if applicable **– NO KKA at KVK, Balasore**

***Krishi Kalyan Abhiyan- I and II***

1. **Training**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Name of programme*** | ***No. of programmes*** | ***No. of farmers benefitted*** | | | | | | | | | ***No. of officials attended the programme*** |
| **SC** | | **ST** | | **Others** | | **Total** | | |
|  |  | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |  |
| **KKA-I** |  |  |  |  |  |  |  |  |  |  |  |
| **KKA-II** |  |  |  |  |  |  |  |  |  |  |  |

1. **Distribution of seed/ planting materials/ input/ others**

| ***Name of programme*** | ***No. of Programme*** | ***Total quantity distributed*** | | | | ***No. of farmers benefited*** | | | | | | | | | | ***No. of other officials (except KVK)***  ***attended the programme*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Seed (q)*** | ***Planting material (lakh)*** | ***Input (kg)*** | ***Other (kg/ No.)*** | ***SC*** | | ***ST*** | | ***Others*** | | ***Total*** | | |  | |
| ***M*** | ***F*** | ***M*** | ***F*** | ***M*** | ***F*** | ***M*** | ***F*** | ***T*** |
| **KKA-I** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| **KKA-II** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |

1. **Livestock and Fishery related activities**

| ***Name of programme*** | ***No. of Programme*** | ***Activities performed*** | | | | ***No. of farmers benefited*** | | | | | | | | | ***No. of other officials (except KVK)***  ***attended the programme*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***No. of animals vaccinated*** | ***No. of animals dewormed*** | ***Feed/ nutrient supplements provided (kg)*** | ***Any other (Distribution of animals/ birds/ fingerlings)***  ***[No.]*** | ***SC*** | | ***ST*** | | ***Others*** | | ***Total*** | | |
| ***M*** | ***F*** | ***M*** | ***F*** | ***M*** | ***F*** | ***M*** | ***F*** | ***T*** |
| **KKA-I** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **KKA-II** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

1. **Other activities**

| ***Name of programme*** | ***Activities*** | ***No. of farmers benefited*** | | | | | | | | | ***No. of other officials (except KVK)***  ***attended the programme*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***SC*** | | ***ST*** | | ***Others*** | | ***Total*** | | |
| ***M*** | ***F*** | ***M*** | ***F*** | ***M*** | ***F*** | ***M*** | ***F*** | T |
| KKA-I | Soil Health Card Distributed |  |  |  |  |  |  |  |  |  |  |
| NADEP  Pit established |  |  |  |  |  |  |  |  |  |  |
| Farm implements distributed |  |  |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  |  |  |  |  |
| KKA-II | Soil Health Card Distributed |  |  |  |  |  |  |  |  |  |  |
| NADEP  Pit established |  |  |  |  |  |  |  |  |  |  |
| Farm implements distributed |  |  |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  |  |  |  |  |

***Krishi Kalyan Abhiyan- III***

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***No. of villages covered*** | ***No. of animal inseminated*** | ***No. of farmers benefitted*** | | | | | | | | | ***Any other, if any***  ***(pl. specify)*** |
| ***SC*** | | ***ST*** | | ***Others*** | | ***Total*** | | |
| ***M*** | ***F*** | ***M*** | ***F*** | ***M*** | ***F*** | ***M*** | ***F*** | T |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

25. Nutri-garden

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. no.** | **Name of KVK** | **Established in KVK Campus** | **No. of nutria-garden established in the village** | **Major vegetables production** |
| 01 | Balasore | 01 | 110 | Cabbage, Brinjal, chilli, carrot, Radish, Coriander, Spinach, Pumpkin, Cauliflowr, Cucumber, papaya |

Please provide one or two good quality photographs

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

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

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

28. SC SP quarter-wise

**Table-I: Schedule Caste Output & Outcome Achievement/Indicators for 2020-21 (QUARTER-WISE)**

**Physical Output 2020-2021**

| **Sl. No.** | **Indicator/Activities** | **Unit of Indicator** | **Quarterly Breakup (Target)** | **Targets Achieved** | **No. of Beneficiaries** | **Outcome** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | **Farmers, farm women trained by KVKs** | **Number** | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 |  |
| 2 | **Extension personnel trained by KVKs** | **Number** | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 |  |
| 3 | **On-farm trials conducted by KVKs** | **Number** | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 |  |
| 4 | **Frontline demonstrations conducted by KVKs** | **Number** | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 |  |
| 5 | **Quantity of seeds produced** | **Quintal** | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 |  |
| 6 | **Planting materials Produced** | **Number** | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 |  |
| 7 | **Livestock strains and fingerlings produced** | **Number** | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 |  |
| 8 | **Soil & water samples tested** | **Number** | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 | Q-1  Q-2  Q-3  Q-4 |  |