# ANNUAL PROGRESS REPORT 2024

**(January 2024 to December 2024)**

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କृषि विज्ञान केन्द्र

**KRISHI VIGYAN KENDRA**

**BARGARH**

**ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY**

Gambharipali, P.O.-Larambha, Dist-Bargarh, Odisha - 768102

**Annual Progress Report 2024**
Krishi Vigyan Kendra, Bargarh.

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# ANNUAL PROGRESS REPORT

(January 2024 to December 2024)

## 1. GENERAL INFORMATION ABOUT THE KVK

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

| Address | Telephone | | E mail |
|---|---|---|---|
| | Office | FAX | |
| Krishi Vigyan Kendra,<br>At- Gambharipali,<br>PO- Larambha,<br>Dist. - Baragarh.<br>Pin – 768102,Odisha | - | - | kvkbaragarh.ouat@gmail.com,<br>kvk.bargarh@ouat.ac.in |

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

| Address | Telephone | | E mail |
|---|---|---|---|
| | Office | FAX | |
| Odisha University of Agriculture & Technology, Bhubaneswar, Odisha | 0674-2397362 | 0674-2397362 | dee@ouat.ac.in<br>deanextensionouat@yahoo.com<br>deanextension_ouat@rediffmail.com |

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

| Name | Telephone / Contact | | |
|---|---|---|---|
| | Residence | Mobile | Email |
| Sri Nrusingh Ch. Barik | - | 9437414979 | ncbarik57@yahoo.com |

1.4. Year of sanction of KVK: 1992

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

| Sl. No. | Sanctioned post | Name of the incumbent | Designation | Discipline/ | Pay Scale with present basic | Date of joining | Permanent/ Temporary | Category (SC/ST/ OBC/ Others) |
|---|---|---|---|---|---|---|---|---|
| 1 | Senior Scientist& Head (I/C) | Mr. Nrusingh Charan Barik | Scientist | Nematology | 77500 (Level – 10, Cell – 11) | 22.07.2011 | Temporary | OBC |
| 2 | Subject Matter Specialist | Mrs. Susrita Sahu | Scientist | Home Science | 79800 (Level – 10, Cell – 12) | 06.06.2010 | Temporary | OBC |
| 3 | Subject Matter Specialist | Ms. Rukeiya Begum | Scientist | Plant Science | 15600-39100 + AGP-6000 (19810) | 29.05.2015 | Temporary | Other |
| 4 | Subject Matter Specialist | Mrs. Sanghamitra Biswal | Subject Matter Specialist | Agril. Engineering | 57800 (Level – 12, Cell – 5) | 27.07.2022 | Temporary | OBC |
| 5 | Subject Matter Specialist | Dr. Rahul Dev Behera | Subject Matter Specialist | Soil Science | 57800 (Level – 12, Cell – 5) | 05.07.2023 | Temporary | SC |
| 6 | Subject Matter Specialist | **Vacant** | - | - | - | - | - | - |
| 7 | Programme Assistant | Mr. Deepankar Jena | Programme Assistant | Seed Science | 42300 (Level – 9, Cell – 7) | 06.02.2015 | Temporary | Other |
| 8 | Computer Programmer | Mr. Sanat Kumar Meher | Programme Assistant | Computer | 46200 (Level – 9, Cell – 9) | 06.02.2016 | Temporary | OBC |
| 19 | Farm Manager | Mrs. Prarthana Mohanty | Farm Manager | Horticulture | 42300 (Level – 9, Cell – 7) | 04.02.2019 | Temporary | Other |
| 9 | Accountant / Superintendent | **Vacant** | - | - | - | - | - | - |
| 11 | Stenographer | Mr.Sumant Kumar Jally | Steno cum Comp. Operator | - | 29600 (Level – 7, Cell – 7) | 14.02.2014 | Temporary | SC |
| 12. | Driver | Mr. AnirudhhaChhanda | Driver cum Mechanic | - | 26800 (Level – 5, Cell – 11) | 23.07.2008 | Temporary | OBC |
| 13. | Driver | Mr. Jagannath Sahoo | Driver cum Mechanic | - | 26800 (Level – 5, Cell – 11) | 23.05.2018 | Temporary | OBC |
| 14. | Supporting staff | **Vacant** | - | - | - | - | - | - |
| 15. | Supporting staff | **Vacant** | - | - | - | - | - | - |

1.6. Total land with KVK (in ha) :

| S. No. | Item | Area (ha) |
|---|---|---|
| 1 | Under Buildings | 1 |
| 2. | Under Demonstration Units | 1 |
| 3. | Under Crops | 9.5 |
| 4. | Orchard/Agro-forestry | 5 |
| 5. | Others with details-pond | 1 |
| 6. | Swampy land | 1 |
| 7. | Residential area | 1.5 |
| | **Total** | **20** |

*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 | | | | | √ | 373.08 | | ICAR |
| 2. | Farmers Hostel | | | | | √ | 324.15 | | ICAR |
| 3. | Staff Quarters (6) | | | | | | | not | |
| 4. | Piggery Unit | | | | | | | not | |
| 5 | Fencing | | | | | √ | 7217ft | | RKVY |
| 6 | Rain Water Harvesting Structure | | | | | | | not | |
| 7 | Threshing Floor | | | | | √ | 637.22 | | ICAR |
| 8 | Farm Godown | | | | | √ | 92.4 | | ICAR |
| 9. | Dairy Unit | | | | | √ | 12 | | ICAR |
| 10. | Poultry Unit | | | | | | | not | |
| 11. | GoateryUnit | | | | | | | not | |
| 12. | Mushroom Lab | | | | | √ | 27 | | RKVY |
| 13. | Mushroom Production Unit | | | | | √ | 80.4 | | ICAR |
| 14. | Shade House | | | | | √ | 99 | | RKVY |
| 15. | Soil Test Lab | | | | | √ | 43.8 | | ICAR |
| 16 | Vermi compost Unit | | | | | √ | 80.4 | | ICAR |

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| 17 | Plant Health Diagnostics Laboratory | | | | | √ | 42 | | ICAR |
| 18 | Pond | | | | | √ | 4000 | | ICAR |
| 19 | Conference Hall | | | | | √ | 116.2 | | ICAR |
| 20 | Internal Farm Road | | | | | √ | 475 sq.ft | | ICAR |
| 21 | Irrigation Channel | | | | | √ | | | |

* 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 |
|---|---|---|---|---|
| Bolero | 2023 | 9,00,000 | 31700 | Good |
| Tractor | 2023 | 7,50,000 | 165 (Running Hours) | Good |
| Motor Cycle | 2010 | 51,000 | 95,678 | Good |

C) Equipment & AV aids

| Name of Equipment | Year of Purchase | Cost (Rs.) | Present Status | Source of Fund |
|---|---|---|---|---|
| **a. Lab Equipment** | | | | |
| Digital Refractometer | 2018 | 12669 | Good | ICAR |
| Drying Cabinet (Solar ) | 2018 | 19898 | Good | ICAR |
| A.C with Stabilizer | 2018 | 67600 | Good | ICAR |
| Crown Cap Sealing Machine (2nos) | 2018 | 5900 | Good | ICAR |
| VacuumSealingMachine | 2018 | 1950 | Good | ICAR |
| Food Processor | 2018 | 4900 | Good | ICAR |
| **b. Farm Machinery** | | | | |
| Tractor | 2023 | 420000 | Good | ICAR |
| Power Tiller | 2014 | 170000 | Good | ICAR |
| Power Weeder | 2017 | 85801 | Good | ICAR |
| Power sprayer | 2012 | 9400 | Good | ICAR |
| Drum Seeder | 2017 | 3000 | Good | ICAR |
| Paddle Paddy Thresher | 2017 | 6225 | Good | ICAR |
| Power pulse thresher | 2018 | 84375 | Good | ICAR (Seed Hub ) |

| Name of Equipment | Year of Purchase | Cost (Rs.) | Present Status | Source of Fund |
|---|---|---|---|---|
| Seed processing unit with gravityseparator | 2018 | 1099674 | Good | ICAR (Seed Hub ) |
| Destoner | 2018 | 152287 | Good | ICAR (Seed Hub ) |
| MandwaWeeder | 2017 | 1080 | Good | ICAR |
| Parboiling Drum | 2017 | 5060 | Good | Watershed Mission |
| Seed treating Drum | 2017 | 3445 | Good | Watershed Mission |
| Knapsack Sprayer | 2017 | 2200 | Good | Watershed Mission |
| Battery Operated Sprayer | 2017 | 4410 | Good | ICAR |
| Power Mist Blower | - | - | Good | ICAR |
| Brush Cutter | 2018 | 27585 | Good | ICAR |
| Hand Winnower | 2017 | 4250 | Good | Watershed Mission |
| Solar Pump | 2018 | 14950 | Good | ICAR |
| Fire extinguisher (2 Nos.) | 2019 | 9912 | Good | ICAR |
| **c. AV Aids** | | | | |
| Laptop | 2018 | 50000 | Good | ICAR |
| Laptop | 2022 | 35000 | Good | ICAR |
| LCD Projector | 2017 | 38500 | Good | ICAR |
| LED TV | 2018 | 38691 | Good | ICAR |
| Projection Screen | 2018 | 17900 | Good | ICAR |
| Print Scan cum Copier | 2018 | 14000 | Good | ICAR |
| Solar Light | 2018 | 20499 | Good | ICAR |
| DSLR Digital Camera | 2018 | 47806 | Good | ICAR |
| Digital Camera | 2017 | 14000 | Good | ICAR |

D) Farm implements

| Name of equipment | Year of purchase | Cost (Rs.) | Present status | Source of fund |
|---|---|---|---|---|
| Cultivator | - | - | Good | ICAR |
| Rotavator | 2013 | 114000 | Good | ICAR |
| M.B. Plough | 2013 | 30,000 | Good | ICAR |
| Zero till Seed cum Fertilizer Drill | 2013 | 47500 | Good | ICAR |
| Land Leveler | 2014 | 19500 | Good | ICAR |

1.8. Details of SAC meeting* conducted in the year

| Sl. No. | Date | Number of Participants | Salient Recommendations | Action taken | If not conducted, state reason |
|---|---|---|---|---|---|
| 1. | 30.01.24 | 40 | Focus on Diseases in finger millet (Seedling blight, Blast etc) | ➢ OFT on Management of Seedling Blight Disease of Finger millet conducted at village Satidhara,Ambabhona Block involving 10 farmers during last kharif Season with treatments *Trichoderma viridi &Lime.*<br>➢ Two Trainings on IDM in finger millet have been provided to 90 farmers at Bijepur & Ambabhona Block during last Kharif Season.<br>➢ Seed treatment campaign made for 25 SHG Members using ST Chemicals and Beejamrut to control soil &seed borne diseases at vill . Banjhi Dungri of Bijepur . | |
| 2 | | | Popularisation of OUAT released new varieties of paddy | ➢ 50 kg of Rice var. Kalinga Dhan 1203 (Tolerant to BLB)provided to 10farmers for FLD and further spread.<br>➢ 4 qtls of Sessamum var. Kalinga Sessamum grown in 60ha area in 150 farmers field of Padmapur,Mahulapalli ,Bargaon under CFLD Kharif 2024.<br>➢ 179.2 qtls of Rice seeds var Hasant(FS) produced by KVK sold to OSSC for further multiplication<br>➢ 5qtls of Toria var. Sushree supplied to 101 farmers for rabi sowing. | |
| 3 | | | Focus to build some master trainer in Agriculture & allied sector | ➢ 4 no. of vocational trainings of 5 days duration has been imparted to 160 youths from 9 villages on Natural Farming, Farm Mechanization, Mushroom cultivation and Integrated Pest and disease management in collaboration with RLFPO, Bargaon, VSSFPO, Ambabhona, Krishnahira FPO,Paikamal .<br>➢ Four BOD member FPOs has been sent to OUAT for exposure visit to acquire more knowledge on FPO Management.<br>➢ 10 Progressive Farmers have been sent to AIR Sambalpur for sharing their knowledge to other farmers through radio programmes. | |
| 4 | | | Popularisation ICAR-IIHR developed varieties of vegetables | ➢ FLD has been undertaken on Yard long bean var. Arka Mangala in 10 farmers field of Gopalpur, Balijhuri & patrapali village during Kharif 2024.<br>➢ 6000 seedlings of Tomato variety Arka Apekshya have been provided to farmers under FLD programme.<br>➢ 10,000 seedlings of Arka Rakshyak grown in KVK polyhouse sold to 52 farmers for cultivation through ATMA Programme of BARPALLI &BHATLI block.<br>➢ 2000 Arka Tejasvi chilli seedlings raised at KVK Nursery & sold to 50 farmers. | |
| 5 | | | Organise more numbers of Training on organic & natural farming | ➢ Two Trainings of 2 days durations has been provided to 80 farmers on Natural Farming at Bargaon and KVK Campus with collaboration with RLFPO<br>➢ Two trainings(5-days) on Preparation of Biopestcides from Natural resources has been imparted to 30 Rural Youths. | |

| Sl. No. | Date | Number of Participants | Salient Recommendations | Action taken | If not conducted, state reason |
|---|---|---|---|---|---|
| | | | . | ➢ One training has been granted by ASCI on Organic grower that will conducted during Feb-March2025. | |
| 6 | | | Demonstration of Mechanical Transplanter | ➢ 150 farmers has been trained for this.<br>➢ FLD conducted on 6 row Rice transplanter in 20 ha area during last kharif at Remenda village, Bheden Block in 30Farmers Field. | |
| 7 | | | Crop diversificatio n of Paddy areas. | ➢ 3qtls of Pigeon pea var. LRG-52(CFLD) . supplied to 10 seed producers(Seed Hub) for this purpose of 2 blocks Ambabhona and Shohella.<br>➢ Training was given to 125 no. of beneficiaries on ICM of pulses and IPDM of Vegetables.<br>➢ 10 kg of Okra seeds var.Pusa Bhindi -5(NHRDF) has been supplied to 90 farmers for vegetable production. Under SCSP Programme in Sarkanda ,Shohella Block<br>➢ 10 kg of Cowpea seeds Kasi Kanchan has been supplied to 75 farmers for vegetable production. Under SCSP Programme in Bhatli Block and Padmapur Block.<br>➢ 12000 Onion seedlings provided to 10 farmers of Sanla , Attabira and Shampalli,Ambabhona Block for planting during current Season.<br>➢ 4Qtls mustard seeds var. Sushree has been provided to 100 growers for rabi season under OMV Programme during current month. | |
| 8 | | | Popularisation of Off Season vegetable crops | ➢ 4500 seedlings Onion Var.AFLR Supplied to 10 farmers SCSP Programme during Kharif Ambabhona blocks of Bargarh district.<br>➢ OFT On kharif Tomato- Raddish has been conducted involving 7 farmers of Bijepur Block | |
| 9 | | | Expansion of OUAT developed fingermillet Var. Sriratna/Arjun | ➢ 2 qtls of Fingermillet var.Arjun provided to 52 farmers of village Dumalpalli,Dechuan,Pada & Bhatli during Kharif through FPO Debadatta club,MSFPO Shohella<br>➢ Training imparted to 75 farmers on ICM in Finger millet. | |
| 10 | | | Popularisation of quail bird | ➢ FLD Conducted at village at village Nalichuan,Patrapalli,Ainakanta<br>➢ 900 Numbers 15 day old birds supplied to 30 farmers.<br>➢ Training was given to 50 no.of beneficiaries on rearing management. | |
| 11 | | | Popularization of Mechanised Seed cum fertiliser drill in DSR | ➢ Pigeon pea var. LRG-52& Mustard var.Sushree sown by Seed cum Fertilizer drill in 30 ha area under (Seed Hub) project at Prakashpur.<br>➢ Training was given to 75 no. of beneficiaries on Farm Mechanization | |

| Sl. No. | Date | Number of Participants | Salient Recommendations | Action taken | If not conducted, state reason |
|---|---|---|---|---|---|
| | | | | ➢ Rice Sowing by Seed cum Fertilizer drill has been demonstrated in 3 villages in 12 farmers field by help of IRRI –Bayer project using var. DHANI 8433DT at Katapalli and Nalichuan | |
| 12 | | | Popularization of Mechanised Seed cum fertiliser drill in DSR | ➢ Pigeon pea var. LRG-52& Mustard var.Sushree sown by Seed cum Fertilizer drill in 30 ha area under (Seed Hub) project at Prakashpur.<br>➢ Training was given to 75 no. of beneficiaries on Farm Mechanization<br>➢ Rice Sowing by Seed cum Fertilizer drill has been demonstrated in 3 villages in 12 farmers field by help of IRRI –Bayer project using var. DHANI 8433DT at Katapalli and Nalichuan | |
| 13 | | | Popularisation of Dry land farming technology in watershed areas. | ➢ Sessamum var Kalinga Sessamum raised in 20 ha area under CFLD Programme at Shohella,Padmapur&Mahulpalli,Paikamal during Kharif 2024.<br>➢ 400 Mango graft supplied to 30 farmers of Bhatli and Dechuan Jogipalli.<br>➢ Training was given to 75 no. of beneficiaries on IPDM on oil seeds<br>➢ 500 Kg ofTurmeric provided to 25 farmers in Ambabhona ,Gaisilot blocks with training on ICM | |
| 14 | | | Focus on use of micronutrients for upgradation of soil Fertility | ➢ FLD on Demonstration on Integrated nutrient management in onion(Borax @ 5 kg/ha + Zn @ 10kg/ha) taken up , provided to 10 farmers covering 3 villages of 3 blocks under this programme. Sulphur &Lime application in Kharif Ground nut FLD ,Shohella,Biripalli<br>➢ Training has also imparted on Integrated Nutrient Management ,soil Health Management to 125 Farmers. | |
| 15 | | | Awareness for popularization on Waste Decomposer | ➢ Training has also imparted on soil Health Management to 125 Farmers using Waste Decomposer .<br>➢ Method Demonstration conducted ,30 plastic drums 200 lit capacity provided to 30farmers for this purpose. | |

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

2.a. District level data on agriculture, livestock and farming situation (2021)

| Sl. no. | Item | Information |
|---|---|---|
| 1 | Major Farming system/enterprise | Paddy-Paddy, Paddy-Pulse, Paddy-oilseed, Paddy-vegetables-vegetables, Paddy-Fallow, Dairy, Poultry, Mushroom, NTFP |
| 2 | Agro-climatic Zone | West Central Table Land |
| 3 | Agro ecological situation | • Plain Land Irrigated<br>• Plain Land Rainfed<br>• Undulating Plain Drought-prone<br>• Undulating Sub-mountainous Tract Rainfed |
| 4 | Soil type | Red & Yellow, Lateritic, Black soil |
| 5 | Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others (q/ha.) | Paddy-45.3 (K), Paddy-68.0 (R), Greengram-3.0(K), Greengram-6.16( R), Groundnut-17.5 (K), Groundnut-24 (R), Wheat-14.7,Maize-33.0, Blackgram-2.75, Pigeonpea-11.5, Mustard-8.75, Sesamum-2.1, Potato-103.5, Brinjal-220, Chilli-65Mango-52.2, Banana-18.3 |
| 6 | Mean yearly temperature, rainfall, humidity of the district | 14-43$^0$c,1367.3mm, 74% |
| 7 | Production of major livestock products like milk, egg, meat etc. | Milk-45700MT, Meat-16400 MT, Egg-70.94 million |

Note: Please give recent data only

2.b. Details of operational area / villages (2022-23)

| Village Name | Year of adoption | Block Name | Distance from KVK | Population | Number of farmers (having land in the village) |
|---|---|---|---|---|---|
| Cheptibahal | 2022 | Sohela | 55 | 450 | 84 |
| Dechuan | 2022 | Ambabhona | 79 | 237 | 73 |
| Birmal | 2022 | Bargarh | 49 | 2295 | 381 |
| Ammunda | 2022 | Padampur | 68 | 592 | 110 |
| Jhiliminda | 2022 | Attabira | 08 | 2546 | 421 |

| Sl. No. | Name of Taluk | Name of the block | Name of the villages | Major crops &enterprises | Major problems identified (crop-wise) | Identified Thrust Areas |
|---|---|---|---|---|---|---|
| 1 | Bargarh | Sohela | Cheptibahal | Paddy, Maize, Sesamum, Vegetables & Poultry | • Low yield and non availability of location specific drought tolerant Rice Variety<br>• **Poor yield due to incidence of Blast disease in paddy**<br>• **Low income from local maize variety**<br>• Distress sale and spoilage due to high perishability nature of tomato<br>• **More cost of production due to heavy use of chemical pesticides in Brinjal**<br>• **Less profit from sesamum due to local variety**<br>• Food and Nutritional insecurity in farming community<br>• **High Mortality and loss due to wilting in brinjal**<br>• **High degree of drudgery on fam women** | • ICM in paddy<br>• Varietal evaluation of paddy<br>• Varietal evaluation of maize<br>• Value addition<br>• IPM in brinjal<br>• Varietal evaluation of sessamum<br>• Household foods & nutritional security<br>• Varietal evaluation of brinjal<br>• Drudgery reduction |
| 2 | Bargarh | Ambabhona | Dechuan | Paddy, Wheat, Greengram, Mustard Vegetables, | • Cultivation of low yielding wheat variety and Distress sale of paddy in Bargarh district<br>• **Poor yield due to incidence of Blast disease in paddy**<br>• Low income from greengram due to YMV infestation<br>• Low income from mustard due to traditional variety<br>• **Poor yield of Chilli due to local varieties**<br>• **Low yield of tomato due to Bacterial wilt infestation**<br>• **Low yield due to poor growth in initial stage of watermelon**<br>• **High degree of drudgery on fam women**<br>• Food and Nutritional insecurity in farming community | • Varietal evaluation of Wheat<br>• Varietal evaluation of Paddy<br>• IDM in ingreengram<br>• crop production technology of mustard<br>• ICM in Mustard<br>• Varietal evaluation of Chilli<br>• IDM in tomato<br>• ICM In watermelon<br>• Drudgery reduction<br>• Household foods & nutritional security<br>• Foods & nutritional security |
| 3 | Bargarh | Bhatli | Birmal | Paddy, Greengram Vegetables, Dairy | • **Poor yield due to incidence of Blast disease in paddy**<br>• **Low yield of Direct seeded rice due to attack of stem borer**<br>• Scarcity of labour during weeding of paddy<br>• Less profit from pigeon pea due to local varieties with traditional practices | • Varietal evaluation of paddy<br>• IPM in paddy<br>• Farm mechanisation of paddy<br>• CFLD on pigeon pea<br>• IDM in tomato<br>• ICM in potato |

| Sl. No. | Name of Taluk | Name of the block | Name of the villages | Major crops &enterprises | Major problems identified (crop-wise) | Identified Thrust Areas |
|---|---|---|---|---|---|---|
| | | | | | • **Low yield of tomato due to Bacterial wilt infestation**<br>• **Low yield due to late planting of potato**<br>• **High degree of drudgery on fam women**<br>• Food and Nutritional insecurity in farming community | • Drudgery reduction<br>• Household foods & nutritional security |
| 4 | Bargarh | Padampur | Ammunda | Paddy, Pigeonpea, Mustard, Dairy | • **Less Profit due to low yield in groundnut sole crop**<br>• **Poor availability of quality seeds of pigeon pea**<br>• **Poor yield of greengram due to traditional practices**<br>• Food and Nutritional insecurity in farming community<br>• **High degree of drudgery on fam women** | • Intercropping in groundnut<br>• CRP in pigeonpea<br>• IDM in greengram<br>• Household foods & nutritional security<br>• Drudgery reduction |
| 5 | Bargarh | Attabira | Jhiliminda | Paddy, vegetables, Mushroom, Duckery ,Fishery | • Low yield and non availability of location specific drought tolerant Rice Variety<br>• Poor yield due to incidence of Sheath rot disease of Rabi paddy<br>• Low return from brinjal due to pest & disease incidence<br>• Food and Nutritional insecurity in farming community<br>• Poor utilisation of agro- by products<br>• Poor availability of compost<br>• Low return from local poultry<br>• Less return from pond | • Varietal evaluation of paddy<br>• IDM in paddy<br>• Ipm in brinjal<br>• Varietal evaluation of brinjal<br>• Drudgery reduction<br>• Household foods & nutritional security<br>• Mushroom production<br>• Vermicompost producton<br>• Poultry management<br>• Yearling production |

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2023-24) for its development and action plan

| Name of village | Block | Action taken for development |
|---|---|---|
| Cheptibahal | Sohela | • FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with line Departments |
| Dechuan | Ambabhona | • FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with line Departments |
| Birmal | Bargarh | • FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with line Departments |

| Name of village | Block | Action taken for development |
|---|---|---|
| Ammunda | Padampur | • FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with line Departments |
| Jhiliminda | Attabira | • FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with line Departments |

2.1 Priority thrust areas

| | |
|---|---|
| 1. | Introduction of suitable varieties with improved packages of practices |
| 2. | Organic farming |
| 3. | Reclamation of degraded land |
| 4. | Integrated Nutrient Management practices |
| 5. | Integrated Disease and Pest Management Practices |
| 6. | Quality seeds and seedlings production |
| 7. | Skill/enterprise related technology for rural youths |
| 8. | Value addition in seasonal vegetables |
| 9. | Integrated farming system |
| 10. | Rearing management of animals & birds |
| 11. | Farm Mechanization |
| 12. | Off season vegetable cultivation |
| 13 . | High degree of drudgery of farm women |
| 14 | Poor nutritional status of farming community |

3. TECHNICAL ACHIEVEMENTS

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

| OFT | | | | | | | | | | | | FLD | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. of technologies tested: | | | | | | | | | | | | No. of technologies demonstrated: | | | | | | | | | | |
| Number of OFTs | | Number of farmers | | | | | | | | | | Number of FLDs | | Number of farmers | | | | | | | | |
| Target | Achievement | Target | Achievement | | | | | | | | | Target | Achievement | Target | Achievement | | | | | | | |
| | | | SC | | ST | | Others | | Total | | | | | | SC | | ST | | Others | | Total | | |
| | | | M | F | M | F | M | F | M | F | T | | | | M | F | M | F | M | F | M | F | T |
| 8 | 8 | 56 | 6 | 3 | 4 | 2 | 32 | 9 | 42 | 14 | 56 | 16 | 16 | 160 | 22 | 8 | 17 | 4 | 81 | 28 | 120 | 40 | 160 |

| Training | | | | | | | | | | | | Extension activities | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | |
| Number of Courses | | Number of Participants | | | | | | | | | | Number of activities | | Number of participants | | | | | | | | |
| Target | Achievement | Target | Achievement | | | | | | | | | Target | Achievement | Target | Achievement | | | | | | | |
| | | | SC | | ST | | Others | | Total | | | | | | SC | | ST | | Others | | Total | | |
| | | | M | F | M | F | M | F | M | F | T | | | | M | F | M | F | M | F | M | F | T |
| 86 | 86 | 2130 | 413 | 302 | 186 | 107 | 753 | 389 | 1352 | 798 | 2150 | 1100 | 1105 | 13500 | 2542 | 1056 | 1817 | 752 | 5414 | 2382 | 9773 | 4190 | 13963 |

| Impact of capacity building | | | | | | | | | | | Impact of Extension activities | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | |
| Number of Participants trained | | Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower) | | | | | | | | | Number of Participants attended | | Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower) | | | | | | | | |
| Target | Achievement | SC | | ST | | Others | | Total | | | Target | Achievement | SC | | ST | | Others | | Total | | |
| | | M | F | M | F | M | F | M | F | T | | | M | F | M | F | M | F | M | F | T |
| 86 | 86 | 389 | 296 | 174 | 95 | 693 | 317 | 1256 | 708 | 1964 | 13500 | 13963 | 2484 | 976 | 1765 | 692 | 5392 | 2296 | 9641 | 3964 | 13605 |

| Seed production (q) | | Planting material (in Lakh) | |
|---|---|---|---|
| | | | |
| Target | Achievement | Target | Achievement |
| 200 | 200 | 100000 | 128700 |

| Livestock strains and fish fingerlings produced (in lakh)* | | Soil, water, plant, manures samples tested (in lakh) | |
|---|---|---|---|
| | | | |
| Target | Achievement | Target | Achievement |
| 0.005 | 0.006 | 0.004 | 0.004 |

* Give no. only in case of fish fingerlings

| Publication by KVKs | | | | | | | |
|---|---|---|---|---|---|---|---|
| Item | Number | No. circulated | No. of Research papers in NAAS rated Journals | Highest NAAS rating of any publication | Average NAAS rating of the publications | Details of awarded publication, if any | Details of Award given to the publication |
| Research paper | 2 | | 2 | 6 | 5.2 | | |
| Seminar/conference/ symposia papers | 1 | | | | | | |
| Books | | | | | | | |
| Bulletins | 2 | 1000 | | | | | |
| News letter | 1 | 1000 | | | | | |
| Popular Articles | 2 | | | | | | |
| Book Chapter | | | | | | | |
| Extension Pamphlets/ literature | | | | | | | |
| Technical reports | 2 | 18 | | | | | |
| Electronic Publication (CD/DVD etc) | 1 | | | | | | |
| TOTAL | 14 | 2018 | | | | | |

3.1 Achievements on technologies assessed and refined

# OFT-1

| | | |
|---|---|---|
| 1. | Title of On farm Trial | **Assessment of Efficacy of biopesticides for the management of *M. incognita affecting Okra*** |
| 2. | Problem diagnosed | **Low yield of Okra due to Nematode Infestation** |
| 3. | Details of technologies selected for assessment/refinement<br>(Mention either Assessed or Refined) | Farmers' practice :Seed treatment with T.viride@5gm/kg seed<br>TO1::Seed treatment with *P. lilacinum*@ 5 gm/kg + application of vermicompost @ 2.5 ton/ha enriched with *P. lilacinum*(@ 10 gm/kg)<br>TO2::Seed treatment of okra with liquid formulation of *Bacillus pumilus* 1% A.S @ 10 ml/kg seed and application of 20 tons of FYM enriched with *B. pumilus* @ 5 lit |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | AICRP onNematodes, BBSR,2018&IIHR,2017 |
| 5. | Production system and thematic area | Upland, Vegetable-fallow & IDM |
| 6. | Performance of the Technology with performance indicators | Yield (q/ha),Disease index, % of affected plants 45DAS, B:C |
| 7. | Final recommendation for micro level situation | Seed treatment with *P. lilacinum*@ 5 gm/kg + application of vermicompost @ 2.5 ton/ha enriched with *P. lilacinum*(@ 10 gm/kg) is best option to control the management of *M. incognita affecting Okra* |
| 8. | Constraints identified and feedback for research | Availability of combined bio agents *P. lilacinum viride* in local area . |
| 9. | Process of farmers participation and their reaction | Actively participated in pest management and expressed their satisfaction as this technology is more effective than other technology . |

*Thematic area:*
Problem definition: Low yield due to injudicious use of fertilizer application & low organic matter content
Technology assessed: (50 % N+100 % PK) as per soil test + Green Manure (Sesbania aculuta)

Table:

| Technology option | No. of trials | Yield component | | Yield (q/ha) | Cost of cultivation (Rs./ha) | Gross return (Rs/ha) | Net return (Rs./ha) | BC ratio |
|---|---|---|---|---|---|---|---|---|
| | | Disease index | % of affected plants 45DAS | | | | | |
| FP | 7 | 3.5 | 9.32 | 82.7 | 76500 | 124050 | 47550 | 1.62 |
| TO1 | 7 | 0.7 | 3.27 | 101.2 | 77200 | 151800 | 74600 | 1.96 |
| TO2 | 7 | 2.4 | 4.52 | 94.5 | 78300 | 141750 | 63450 | 1.81 |



Assessment of Efficacy of biopesticides for the management of *M. incognita affecting Okra*

# OFT-2

| | | |
|---|---|---|
| 1. | Title of On Farm Trial | **Assessment of chemical methods of control of seedling blight disease of Finger millet** |
| 2. | Problem diagnosed | Poor yield of Finger millet due to seedling blight disease |
| 3. | Details of technologies selected for assessment/refinement (Mention either Assessed or Refined) | Farmers' practice :Sowing seeds with application of FYM@0.5t/ha only<br>TO1::Soil application with Elemental sulphur @ 80 kg/ha just prior to sowingSource : IIMR, 2019<br>TO2::Soil application with Bleaching powder @ 30 kg/ha just 10 days prior to sowing + application of microbial consortium @ 2.5 kg/ha (mixed with seed) Source : IIMR, 2019<br>T3:Seed treatment with combined bio agents (*Ps. fluorescence* + *Trichoderma viride* @ 6gm/kg of seeds, Spraying of Vitavax 75% WP @ 5gm/L of water & Application of lime during last ploughing @ 250 kg/Ac Source: TNAU, 2014 |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | IIMR, 2019& TNAU, 2014 |
| 5. | Production system and thematic area | Ragi –Fallow,Integrated Disease Management |
| 6. | Performance of the Technology with performance indicators | Grain Yield (q/ha),Disease index,Mortality% of seedlings at 15DAS B:C |
| 7. | Final recommendation for micro level situation | Seed treatment with combined bio agents (*Ps. fluorescence* + *Trichoderma viride* @ 6gm/kg of seeds, Spraying of Vitavax 75% WP @ 5gm/L of water & Application of lime during last ploughing @ 250 kg/Ac is best option to control seedling Blight Disease in Ragi during Kharif |
| 8. | Constraints identified and feedback for research | Availability of combined bio agents (*Ps. fluorescence* + *Trichoderma viride* in local area .More thrust on Nursery Management modules |
| 9. | Process of farmers participation and their reaction | Actively participated in both crop management and timely sowing.More survival of seedlings attracted other farmers. |

*Thematic area: Integrated Disease Management*

Problem definition: Poor yield of Finger millet due to seedling blight disease

Technology assessed:

FP-Sowing seeds with application of FYM@0.5t/ha only

TO1::Soil application with Elemental sulphur @ 80 kg/ha just prior to sowing

TO2::Soil application with Bleaching powder @ 30 kg/ha just 10 days prior to sowing + application of microbial consortium @ 2.5 kg/ha (mixed with seed)

TO3:Seed treatment with combined bio agents (*Ps. fluorescence* + *Trichoderma viride* @ 6gm/kg of seeds, Spraying of Vitavax 75% WP @ 5gm/L of water & Application of lime during last ploughing @ 250 kg/Ac -

Table:

| Technology option | No. of trials | Yield component | | Yield dry chilli (q/ha) | Cost of cultivation (Rs./ha) | Gross return (Rs/ha) | Net return (Rs./ha) | BC ratio |
|---|---|---|---|---|---|---|---|---|
| | | Disease index | Mortality% of seedlings at 15DAS | | | | | |
| FP | 7 | 3.7 | 13.3 | 10.50 | 43100 | 52500 | 9400 | 1.21 |
| TO1 | 7 | 2.45 | 9.7 | 11.36 | 46600 | 56800 | 10200 | 1.21 |
| TO2 | 7 | 1.67 | 6.9 | 12.8 | 49800 | 64000 | 14200 | 1.28 |
| TO3 | 7 | 3.7 | 13.3 | 13.64 | 48600 | 67000 | 18400 | 1.37 |


Assessment of chemical methods of control of seedling blight disease of Finger millet

# OFT-3

| | | |
|---|---|---|
| 1. | Title of On farm Trial | **Assessment of nutrient management in rice** |
| 2. | Problem diagnosed | Low yield due to injudicious use of fertilizer application & low organic matter content |
| 3. | Details of technologies selected for assessment/refinement<br>(Mention either Assessed or Refined) | FP : Application of chemical fertilizers only N:P:K(80:40:40) kg/ha<br>TO1 : 100 % NPK as per soil test (100:50:40)<br>TO2 : (50 % N+100 % PK) as per soil test + Green Manure (*Sesbania aculuta*) |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | KAU, 2020 |
| 5. | Production system and thematic area | Rice-Vegetable, Rainfed Upland |
| 6. | Performance of the Technology with performance indicators | No of tillers, test weight, yield, income & B: C ratio |
| 7. | Final recommendation for micro level situation | (50 % N+100 % PK) as per soil test + Green Manure (*Sesbania aculuta*) |
| 8. | Constraints identified and feedback for research | Other green manure crop may be added to the technology |
| 9. | Process of farmers participation and their reaction | Farmers were well participated and satisfied with the technology in yield |

*Thematic area:* Nutrient Management

Problem definition: Low yield due to injudicious use of fertilizer application & low organic matter content

Technology assessed: (50 % N+100 % PK) as per soil test + Green Manure (Sesbania aculuta)

Table:

| Technology option | No. of trials | Yield component | | Yield (q/ha) | Cost of cultivation(Rs./ha) | Gross return (Rs/ha) | Net return (Rs./ha) | BC ratio |
|---|---|---|---|---|---|---|---|---|
| | | No. of effective tillers/sq m | Test wt. (100 grain wt.) | | | | | |
| FP | 7 | 241 | 21.5 | 43.6 | 57100 | 95178 | 38078 | 1.66 |
| TO1 | 7 | 262 | 22.6 | 46.8 | 58300 | 102164 | 43864 | 1.75 |
| TO2 | 7 | 288 | 22.9 | 48.1 | 59700 | 105002 | 45302 | 1.76 |

Assessment of nutrient management in rice

# OFT-4

| | | |
|---|---|---|
| 1. | Title of On farm Trial | **Assessment of nano urea liquid fertilizer in transplanted rice** |
| 2. | Problem diagnosed | Low yield due to improper use of urea fertilizer |
| 3. | Details of technologies selected for assessment/refinement<br>(Mention either Assessed or Refined) | FP : 100 % N(25% basal + 50% tillering + 25% PI stage) + 100 % P & K<br>TO1 : 50 % recommended N + 100 % P and K as basal application and two sprays Nano urea @ 0.2 % tillering and PI stage<br>TO2 : 75 % recommended N + 100 %P and K as application and two sprays Nano urea @ 0.2 % at tillering and PI stage |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | OUAT, 2020 |
| 5. | Production system and thematic area | Rice-Rice, Irrigated medium land |
| 6. | Performance of the Technology with performance indicators | Initial and post harvest soil test value, plant height, Panicle length, yield, economics, B : C ratio |
| 7. | Final recommendation for micro level situation | 75 % recommended N + 100 %P and K as application and two sprays Nano urea @ 0.2 % at tillering and PI stage |
| 8. | Constraints identified and feedback for research | No effect on soil |
| 9. | Process of farmers participation and their reaction | Farmers were well participated and satisfied with the technology in yield |

*Thematic area:* Nutrient Management

Problem definition: Low yield due to improper use of urea fertilizer
Technology assessed: 75 % recommended N + 100 %P and K as application and two sprays Nano urea @ 0.2 % at tillering and PI stage

Table:

| Technology option | No. of trials | Yield component | | Yield (q/ha) | Cost of cultivation(Rs./ha) | Gross return (Rs/ha) | Net return (Rs./ha) | BC ratio |
|---|---|---|---|---|---|---|---|---|
| | | Plant height (cm) | Panicle length | | | | | |
| FP | 7 | 76 | 18 | 44.8 | 84000 | 138880 | 54880 | 1.65 |
| TO1 | 7 | 91 | 21 | 42.3 | 81500 | 131130 | 49630 | 1.60 |
| TO2 | 7 | 96 | 23 | 44.3 | 82800 | 137330 | 54530 | 1.64 |


Assessment of nano urea liquid fertilizer in transplanted rice

# OFT- 5

| | | |
|---|---|---|
| 1. | Title of On farm Trial | **Assessment of processing and packaging methods of tender jackfruit.** |
| 2. | Problem diagnosed | Poor price realization from whole Tender Jackfruit |
| 3. | Details of technologies selected for assessment/refinement<br>(Mention either Assessed or Refined) | Farmers' practice: Direct selling of whole Tender Jackfruit<br>TO1- Peeling of Jackfruit by knife/ paniki, cut into pieces and packaging in polyethene<br>TO2- Surface cleaning / dirt removal by washing, Peeling and cutting into pieces. Dipping in 0.5% (w/v) Citric acid and 0.1% ascorbic acid for 7 minutes, surface drying and packaging in punnet pack or PP pouch with 0.0675% perforation and refrigerated storage at $10^0$ C |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | AICRP on PHET-2016-17 |
| 5. | Production system and thematic area | Homestead & Value addition |
| 6. | Performance of the Technology with performance indicators | Shelf Life (Days), Sensory Evaluation |
| 7. | Final recommendation for micro level situation | The shelf-life of jackfruit can be enhanced by treating with citric acid & ascorbic acid. |
| 8. | Constraints identified and feedback for research | Poor availability of chemicals in the local market. |
| 9. | Process of farmers participation and their reaction | Actively participated in processing & packaging of jackfruit. The shelf life of the jackfruit & farm-women were happy by getting more profit from it as this process attracted more consumer in the market |

*Thematic area:* Value addition
Problem definition: Poor price realization from whole Tender Jackfruit
Technology assessed:
Farmers' practice: Direct selling of whole Tender Jackfruit
TO1- Peeling of Jackfruit by knife/ paniki, cut into pieces and packaging in polyethene
TO2- Surface cleaning / dirt removal by washing, Peeling and cutting into pieces. Dipping in 0.5% (w/v) Citric acid and 0.1% ascorbic acid for 7 minutes, surface drying and packaging in punnet pack or PP pouch with 0.0675% perforation and refrigerated storage at $10^0$ C

Results:

Table:

| Technology option | No. of trials | Yield component | | Gross cost of intervention (Rs/ 10 k.g) | Gross return (Rs/ 10 k.g) | Net return (Rs./ 10 k.g) | BC ratio |
|---|---|---|---|---|---|---|---|
| | | Sensory evaluation (0-9 point hedonic scale) | Shelf life (Days) | | | | |
| FP- | 7 | 4.1 | 28 | 150 | 200 | 50 | 1.33 |
| TO1- | 7 | 4.5 | 33 | 246 | 400 | 154 | 1.62 |
| TO2- | 7 | 4.6 | 35 | 297 | 500 | 204 | 1.68 |


Assessment of processing and packaging methods of tender jackfruit.

# OFT-6

| | | |
|---|---|---|
| 1. | Title of On Farm Trial | **Assessment of the improved techniques for cultivation of Paddy straw mushroom (*Volvariella volvacea)* using crumpled straw** |
| 2. | Problem diagnosed | Less income due to low yield & poor utilization of crumpled paddy straw |
| 3. | Details of technologies selected for assessment/refinement<br>(Mention either Assessed or Refined) | FP-Rectangular compact method Size-45x60x30cm.Mushroom production by using crumpled paddy straw -5kg with normal practice (soaking in water 5hrs with 2% calcium carbonate), unknown age of spawn, 3% of dry substrate weight), pulse powder 3% dry substrate weight,<br>TO1-Square compact bed size (30 × 30 cm) , 14-20 days age spawn at 2% of dry substrate weight and coarsely ground horse gram powder (at 2% dry substrate weight)<br>T02-Circular compact bed size -(45 cm diameter, 30 cm height)Mushroom production technique is same as TO1 |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | DepartmentofPlantPathology,TamilnaduAgriculturalUniversity,Coimbatore-2012 |
| 5. | Production system and thematic area | Mushroom Production& Homestead |
| 6. | Performance of the Technology with performance indicators | Yield ( k.g./ bed), B. E (%),B:C ratio |
| 7. | Final recommendation for micro level situation | Crumpled paddy straw can be effectively used for paddy straw mushroom production |
| 8. | Constraints identified and feedback for research | Availability of suitable frame for circular compact bed.Research can be done for mushroom production byusingcmbine harvester crumpled straw |
| 9. | Process of farmers participation and their reaction | Individual contact, field visit, Telephonic contact<br>Farm women are satisfied with the performance of circular compact bed techniques |

*Thematic area: IGA*

Problem definition:

Technology assessed:

FP-Rectangular compact method Size-45x60x30cm.Mushroom production by using crumpled paddy straw -5kg with normal practice (soaking in water 5hrs with 2% calcium carbonate), unknown age of spawn, 3% of dry substrate weight), pulse powder 3% dry substrate weight,

TO1-Square compact bed size (30 × 30 cm) , 14-20 days age spawn at 2% of dry substrate weight and coarsely ground horse gram powder (at 2% dry substrate weight)

T02-Circular compact bed size -(45 cm diameter, 30 cm height)Mushroom production technique is same as TO1

Table:

| Technology option | No. of trials | Yield ( k.g./ bed) | B. E (%) | Gross Cost/100 beds | Gross Return/100 beds | Net Return | B:C |
|---|---|---|---|---|---|---|---|
| FP | 7 | 0.470 | 9.4 | 5100 | 7520 | 2420 | 1.47 |
| TO1 | 7 | 0.510 | 10.2 | 4600 | 8160 | 3560 | 1.77 |
| TO2 | 7 | 0.530 | 10.6 | 4600 | 8480 | 3880 | 1.80 |

Assessment of the improved techniques for cultivation of Paddy straw mushroom (*Volvariella volvacea)* using crumpled straw

# OFT-7

| | | |
|---|---|---|
| 1. | Title of On Farm Trial | **Assessment of puddled rice with different water saving irrigation method** |
| 2. | Problem diagnosed | Water shortage in rainfed regions |
| 3. | Details of technologies selected for assessment/refinement<br>(Mention either Assessed or Refined) | Farmers' practice: continuous flooding<br>TO1: Alternate wetting and drying (AWD)<br>TO2: Irrigation at 3 days after disappearance (3-DAD) |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | IIWM, Bhuaneswar, Annual Report 2018-19 |
| 5. | Production system and thematic area | Rice- Fallow & Soil water conservation |
| 6. | Performance of the Technology with performance indicators | Yield(t/ha), moisture content, growth parameters |
| 7. | Final recommendation for micro level situation | Alternate wetting and drying (AWD) for paddy gave good result |
| 8. | Constraints identified and feedback for research | - |
| 9. | Process of farmers participation and their reaction | Active participation, Individual contact, field visit,<br>Farmer are happy |

*Thematic area: IGA*
Problem definition: Water shortage in rainfed regions in Rabi
Technology assessed:
FP- continuous flooding
TO1- Alternate wetting and drying (AWD)
T02- Irrigation at 3 days after disappearance (3-DAD)

Table:

| Technology option | No. of trials | Yield (q/ha) | Cost of cultivation | Gross Return | Net Return | B:C |
|---|---|---|---|---|---|---|
| FP | 7 | 35 | 60200 | 80500 | 20300 | 1.33 |
| TO1 | 7 | 38.5 | 58500 | 88550 | 30050 | 1.51 |
| TO2 | 7 | 36.4 | 58500 | 83720 | 25220 | 1.43 |

# OFT-8

| | | |
|---|---|---|
| 1. | Title of On farm Trial | **Assesment of in-situ soil moisture conservation methods in tomato raddish sequence** |
| 2. | Problem diagnosed | Less soil moisture result in taking only one crop leading to less income/unit area and intensive weed problem result in less productivity |
| 3. | Details of technologies selected for assessment/refinement (Mention either Assessed or Refined) | TO1: Ridge and furrow method with organic mulch<br>TO2: Broad bed furrow method<br>TO3:Broad bed furrow method with organic mulch |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | AICRP on Dryland Agriculture, Annual Report, 2017-18. |
| 5. | Production system and thematic area | Rice- Fallow & Soil water conservation |
| 6. | Performance of the Technology with performance indicators | Yield(t/ha), moisture content, growth parameters |
| 7. | Final recommendation for micro level situation | Ridge and Furrow with organic mulch gave good result |
| 8. | Constraints identified and feedback for research | - |
| 9. | Process of farmers participation and their reaction | Active participation, Individual contact, field visit,<br>Farmer are happy |

*Thematic area: soil moisture conservation*

Problem definition: Less soil moisture result in taking only one crop leading to less income/unit area and intensive weed problem result in less productivity

Technology assessed:
TO1: Ridge and furrow method with organic mulch
TO2: Broad bed furrow method
TO3:Broad bed furrow method with organic mulch

| Technology option | No. of trials | Yield component | | Cost of cultivation (Rs./ha) | Gross return (Rs/ha) | Net return (Rs./ha) | BC ratio |
|---|---|---|---|---|---|---|---|
| | | OFT E. yield(t/ha) | % increase in yield | | | | |
| TO1 | 5 | 12.36 | 34.71 | 170000 | 321360 | 151360 | 1.89 |
| TO2 | 5 | 10.59 | 15.78 | 150000 | 275340 | 125340 | 1.83 |
| TO3 | 5 | 11.71 | 27.69 | 170000 | 304460 | 134460 | 1.79 |

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 | IDM | **Demonstration of Management of the Neck Blast Disease of Rabi Rice** Seed Treatment with Carboxin 37.5% + Thiaram 37.5% @ 2.5 gm // kg seed followed by spraying of Isoprothiolone 40EC @1.5ml/ lit | 2.0 | 2.0 | 7 | 0 | 2 | 0 | 1 | 0 | 10 | 0 | 10 | |
| 4 | | | | | | | | | | | | | | | |

B. 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 | $P_2O_5$ | $K_2O$ | | | | | |
| RICE | RABI | IRRIGATED | CL | 516 | 45 | 310 | RICE | 03.01.2024 | 28.05.2024 | 35.2 | 4 |

C. 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

Cereals:

| 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 |
| RICE | IDM | Seed Treatment with Carboxin 37.5% + Thiaram 37.5% @ 2.5 gm // kg seed followed by spraying of Isoprothiolone 40EC @1.5ml/ lit | 10 | 2.0 | 41.95 | 36.52 | 14.95 | 61900 | 90190 | 28290 | 1.45 | 56400 | 77830 | 21430 | 1.37 |
| Total | | | 50 | 10.0 | | | | | | | | | | | |

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. | Groundnut | Nutrient management | **FP-**Application of recommended dose of fertilizers only(20:40:40)<br>**RP-**Application of STD (25 : 40: 50) along with Lime (0.2 LR) and 40 kg Sulphur | 2 | 2 | 3 | - | - | - | 7 | - | 10 | 0 | 10 | |
| 2. | Sesamum | Nutrient management | **FP-**Application of recommended dose of fertilizers only (40:20:20)<br>**RP-**STD(50:20:25) + FYM @ 5 t/ha + S-21 kg/ha + Znso4-25kg/ha + B-1kg/ha Azotobactor seed inoculation | 2 | 2 | 1 | - | 2 | - | 7 | - | 10 | - | 10 | |

Details of farming situation

| Crop | Season | Farming situation (RF/Irrigated) | Soil type | Status of soil(Kg/ha) | | | Previouscrop | Sowing date | Harvest date | Seasonal rainfall(mm) | No. of rainy days |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | N | $P_2O_5$ | $K_2O$ | | | | | |
| Groundnut | Kharif | Irrigated | Lateritic | 25 | 40 | 50 | Vegetables | 15.6.24 | 28.10.24 | | |
| Sesamum | Kharif | Irrigated | Lateritic | 50 | 20 | 25 | Greengram | 25.7.24 | 12.11.24 | | |

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 |
| Groundnut | Nutrient management | Application of STD (25 : 40: 50) along with Lime (0.2 LR) and 40 kg sulphur | 10 | 2 | 22.2 | 18.8 | 18.1 | 62200 | 150582 | 88382 | 2.42 | 58500 | 127520 | 69020 | 2.17 |
| Sesamum | Nutrient management | STD(50:20:25) + FYM @ 5 t/ha + S-21 kg/ha + Znso4-25kg/ha + B-1kg/ha Azotobactor seed inoculation | 10 | 2 | 5.9 | 4.8 | 22 | 37800 | 54675 | 16875 | 1.44 | 34200 | 44482 | 10282 | 1.30 |
| 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

### 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 | | GrossCost | GrossReturn | Net Return | **BCR | GrossCost | GrossReturn | 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) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Demonstration | Check | | Demo | Check | Gross Cost | Gross Return | Net Return | ** BCR | Gross Cost | Gross Return | Net Return | ** BCR |
| Yard long bean | Varietal Evaluation | Demonstration on Yard long bean var. Arka Mangala in the backyard. seed rate-15 k.g/ha, Spacing 50cm. X 30 cm | 10 | 1 | 183.7 | 154.6 | 18.8 | Pod wt.-12.5 gm | 12.5 | 116720 | 275550 | 120830 | 2.36 | 108460 | 231900 | 123440 | 2.13 |
| 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 | 1.0 | 185.9 | 125.3 | 48.36 | 153.5 AV bulb wt. in gm | 124.3 | 78650 | 184000 | 158500 | 2.34 | 58160 | 114000 | 83500 | 1.94 |
| | | 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.) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Demonstration | Check | | Demonstration | Check | Gross Cost | Gross Return | Net Return | ** BCR | Gross Cost | Gross Return | Net Return | ** BCR |
| Dairy | | | | | | | | | | | | | | | | | |
| Cow | | | | | | | | | | | | | | | | | |
| Buffalo | | | | | | | | | | | | | | | | | |
| Poultry | Poultry Management | **Demonstration on Quail farming under intensive system for income generation** Rearing of Quail birds- (Space requirqment- – 200 sq. cm/bird, Feeding management) | 10 | 10 | Egg production (No./yr.)- 243 | 94 | 158.5 | Avg. body wt. (k.g./yr.) - **0.224** | 1.620 | 5445 | 13793 | 8348 | 2.53 | 7990 | 16068 | 8078 | 2.01 |
| Rabbitry | | | | | | | | | | | | | | | | | |
| Pigerry | | | | | | | | | | | | | | | | | |
| Sheep and goat | | | | | | | | | | | | | | | | | |
| Duckery | | | | | | | | | | | | | | | | | |
| 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.) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Demonstration | Check | | Demonstration | 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 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Demonstration | Check | | Demonstration | Check | Gross Cost | Gross Return | Net Return | ** BCR | Gross Cost | Gross Return | Net Return | ** BCR |
| Oyster mushroom | Enterprise development | | | | | | | | | | | | | | | |
| Button mushroom | | | | | | | | | | | | | | | | |
| Vermicompost | | | | | | | | | | | | | | | | |
| Sericulture | | | | | | | | | | | | | | | | |
| Apiculture | | | | | | | | | | | | | | | | |
| Value addition | Popularization of tomato var. Arka Apekshya for value added products (Puree)of Tomato, Preparation of Tomato Puree from Tomato Var.-A. Apeskhya having acidity -0.36%,lycopene content-14.15mg /100g fresh wt | 10 | 10 | Yield (q/ ha)- 337.8 | 284.2 | 18.8 | Conversion to Puree (%)- 34 | 28 | **1742** | **3060** | **1318** | **1.75** | **1724** | **2520** | **796** | **1.46** |
| | Total | | | | | | | | | | | | | | | |

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Women empowerment

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

Farm implements and machinery

| 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. | Finger millet | Precision Farming | Demonstration of tractor drawn seed cum fertilizer drill for groundnut | 1 | 1 | - | 7 | - | - | - | 3 | - | 10 | 10 | |
| 2. | Rice | Precision Farming | Demonstration of Tractor operated multi-crop seed cum fertilizer drill for direct seeding of rice | 1 | 1 | 8 | - | - | - | 2 | - | 10 | - | 10 | |
| 3. | Paddy | Precision Farming | Demonstration of walk behind 6 row paddy transplanter | 1 | 1 | 5 | 1 | - | - | 2 | 2 | 7 | 3 | 10 | |
| 4. | Vegetable | Drudgery Reduction | Demonstration of Single Row Vegetable Transplanter | 1 | 1 | 7 | - | - | - | 3 | - | - | - | 10 | |

| **Name of the implement** | **Crop** | **Name of the technology demonstrated** | **No. of Farmer** | **Area (ha)** | **Yield (Q/ha)** | | **% change in major parameter** | **Working capacity (Ha/hr)** | | **Labour Requirement** | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | **Demo** | **Check** | | **Demonstration** | **Check** | **Demonstration** | **Check** |
| Seed cum fertilizer drill | groundnut | Demonstration of tractor drawn seed cum fertilizer drill for groundnut | 10 | 1 | 15 | 14.5 | 3.4 | 0.94 | 0.01 | 3 | 10 |
| Multi-crop seed cum fertilizer drill | Rice | Demonstration of Tractor operated multi-crop seed cum fertilizer drill for direct seeding of rice | 10 | 1 | 40 | 36.5 | 9.5 | 0.91 | 0.01 | 3 | 7 |
| Paddy transplanter | Rice | Demonstration of walk behind 6 row paddy transplanter | 10 | 1 | 40.5 | 39.5 | 2.5 | 0.15 | 0.007 | 8 | 42 |
| Single Row Vegetable Transplanter | Vegetable | Demonstration of Single Row Vegetable Transplanter | 10 | 1 | - | - | - | 660 plants/hr | 155 plants/hr | 26 | 52 |

| 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 | | | | | | | | | | |
| Paddy | | | | | | | | | | |
| Sorghum | | | | | | | | | | |
| Wheat | | | | | | | | | | |
| Others (Pl. specify) | | | | | | | | | | |
| Total | | | | | | | | | | |
| Oilseeds | | | | | | | | | | |
| Castor | | | | | | | | | | |
| Mustard | | | | | | | | | | |
| Safflower | | | | | | | | | | |
| Sesame | | | | | | | | | | |
| Sunflower | | | | | | | | | | |
| Groundnut | | | | | | | | | | |
| Soybean | | | | | | | | | | |
| Others (Pl. specify) | | | | | | | | | | |
| Pulses | | | | | | | | | | |
| Green gram | | | | | | | | | | |
| Black gram | | | | | | | | | | |
| Bengal gram | | | | | | | | | | |
| Red gram | | | | | | | | | | |
| 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) | | | | | | | | | | |
| Fodder crops | | | | | | | | | | |
| Napier (Fodder) | | | | | | | | | | |
| Maize (Fodder) | | | | | | | | | | |
| Sorghum (Fodder) | | | | | | | | | | |
| Others (Pl. specify) | | | | | | | | | | |
| Total | | | | | | | | | | |

Technical Feedback on the demonstrated technologies

| Sl. No | Crop | Feed Back |
|---|---|---|
| 1 | yard long bean | The wt. & length of Arka Mangala var. of yard long bean is comparatively more than local variety. |
| 2 | Tomato | Arka Apekshya variety is suitable for puree due to its high pulp content |
| 3 | Quail | Accepted by the farmers due to its medicinal value. |
| 4 | Groundnut | Sowing done by Seed cum fertilizer drill required less labour as compared to conventional method |
| 5 | Cauliflower | Transpalnting done by manual single row transplanter is very labour saving and time saving |
| 6 | Paddy | Paddy transplanter is very efficient and labour cost and time consumed is reduced drastically |

Extension and Training activities under FLD

| Sl.No. | Activity | Date | No. of activities organized | Number of participants | Remarks |
|---|---|---|---|---|---|
| 1. | Field days | 5.11.247.11.24, 6.12.24,23.12.24 | 4 | 160 | Yield from paddy by seed cum fertilizer drill , Harvesting of long yard bean, Harvesting of pumpkin ,harvesting of paddy, |
| 2. | Farmers Training | 27.06.24, 19.07.24 22.07.24,02.08.24, 10.01.25,04.02.25 | 6 | 50 | Importance of secondary & micro-nutrients, different nutrient management aspect, Self- employment through commercial floriculture, Improved crop management practices in long yard bean for more profit, Rearing management of quails, value addition of tomato |
| 3. | Media coverage | 01.10.24, 28.11.24 | 2 | Mass | Use of seed cum fertiliser drill, pest & disease management in paddy |
| 4. | Training for extension functionaries | | | | |

**Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2024 and Rabi 2023-24:**

**A. Technical Parameters:**

| Sl. No. | Crop demo nstrated | 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 |
| | Sesamum | Maghi rashi | 5.53 | 250 | 242 | 1200 | Kalinga sessamum -1,Seed treatment followed by line showing with carboxin 37.5+ thiram 37.5 @ 2.5 g per 1 kg seed, Soil application of ZYPMITE plus @ 2.5q per ha, Spraying of prophenophus 40 % + sypermethrin 60% @ 2 ml per 1 ltr. | 142 | 60 | 8.26 | 5.95 | 7.11 | 100 | 100 | 59.25 |

**B. Economic parameters**

| Sl. No. | Variety demonstrated & Technology demonstrated | Farmer's Existing plot | | | | Demonstration plot | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Gross Cost (Rs/ha) | Gross return (Rs/ha) | Net Return (Rs/ha) | B:C ratio | Gross Cost (Rs/ha) | Gross return (Rs/ha) | Net Return (Rs/ha) | B:C ratio |
| 1 | Kalinga sessamum -1<br>Seed treatment followed by line showing with carboxin 37.5+ thiram 37.5 @ 2.5 g per 1 kg seed, Soil application of ZYPMITE plus @ 2.5q per ha, Spraying of prophenophus 40 % + sypermethrin 60% @ 2 ml per 1 ltr. | 23500 | 55300 | 31800 | 2.35 | 27890 | 66050 | 37160 | 2.86 |

**C. 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) |
|---|---|---|---|---|---|---|---|---|
| | Kalinga sessamum -1 | 42640 | 265 | 100 | 4100 | 870 | Labour Payment, loan payment, purchase of grocery, clothes for family members, school uniform for children etc. | 17 |

**D. 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 |
| | Kalinga sessamum -1Seed treatment followed by line showing with carboxin 37.5+ thiram 37.5 @ 2.5 g per 1 kg seed, Soil application of ZYPMITE plus @ 2.5q per ha, Spraying of prophenophus 40 % + sypermethrin 60% @ 2 ml per 1 ltr. | ideal | KVK, State Agri.Dept, NGO, Input dealer | Good | No | yes | Purchase of oilseeds by RMCs. |

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

| Specific Characteristic | Performance | Performance of Technology vis-a vis Local Check | Farmers Feedback |
|---|---|---|---|
| Sesamum<br>Var. Kalinga sessamum -1, duration 75 days, Bold seeded, Light Brown seeds, thin seed coat, Draught tolerant, | Pods/plant<br>Plant height | Av 194pods/plant (Demo)<br>115pods/plant(check)<br>Av 117cm (Demo)<br>135cm (check) | Better pods /plant &Bold seeds in line sown crop than broadcasted one. Seed Size of local var. is bigger than HYV supplied. |
| | | | |
| | | | |

**F.**

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

| Sl. No. | Extension Activities organized | Date and place of activity | Number of farmer attended |
|---|---|---|---|
| 1 | Field visit | Bhatli 18.07.2024,02.08.2024, Shohella,22.09.2024 | 45 |
| 2 | Group meeting | Sadhupalli02.09.2024,17.09.2024, Shohella 24.10.2024 | 87 |
| 3 | Awareness Camp | 20.08.2024,24.09.2024 | 50 |
| 4 | Field day-cum-Exposure visit | 18.10.2024, | 65 |

**H. Sequential good quality photographs (as per crop stages i.e. growth & development)**

| | | |
|---|---|---|
|  |  |  |
| Vegetative stage of sesamum crop at village : Satidhara, Block : Bhatli,Bargarh | Flowering stage of sesamum crop at village : Kuisira , Block : Bhatli, Bargarh | Matured sesamum crop at Hatisarvillage : Gopalpur, Block : Bhatli, Bargarh |

**I. Farmers' training photographs demonstrated.**

Farmers training and distribution of inputs at village : Satidhara,Bargarh

**J. Quality Action Photographs of field visits/field days and technology**


**Field Day of sesamum crop at village : Satidhara, Block : Bhatli ,Bargarh**

**K. Details of budget utilization**

| Crop (provide crop wise information ) | Items | Budget Received (Rs.) | Budget Utilization (Rs.) | Balance (Rs.) |
|---|---|---|---|---|
| | i) Critical input | | 288900 | - |
| | ii) TA/DA/POL etc. for monitoring | | 15800 | - |
| | iii) Extension Activities (Field day) | | 30300 | - |
| | iv)Publication of literature | | | - |
| | Total | 622000 | 335000 | 287000 |

## 12. List of Farmer under CFLD

### Crop: Sesamum

| Name of farmer | Father's name | Village | Block | Mobile No. | Email ID | GPS Coordinates (DDMMSS format) | | Soil testing done (Yes/No) | Recommendations based on soil test value | Brief technology intervention | Variety | Area (ha) | Seed quantity used | Demo. Yield (q/ha) | | | Yield of local check q/ha | % increase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Latitude | Longitude | | | | | | | H | L | A | | |
| Jilla Padhan | Dambaru Padhan | Hatisar | Bhatli | 9178127737 | | 21.427347 | 83.50196 | yes | 30-15-15 | Seed treatment followed by line showing with carboxin 37.5+ thiram 37.5 @ 2.5 g per 1 kg seed, Soil application of ZYPMITE plus @ 2.5q per ha, Spraying of prophenophus 40 % + sypermethrin 60% @ 2 ml per 1 ltr. | Sushree | 0.4 | 2.5 | 8.13 | 6.27 | 7.2 | 5.82 | 23.7 |
| Dukhanasan Bhue | Bhola Bhue | Hatisar | Bhatli | 6370305921 | | 21.427276 | 83.50043 | yes | 30-15-15 | do | Sushree | 0.4 | 2.5 | 8.03 | 6.07 | 7.05 | 5.82 | 21.1 |
| Lalita Kalo | Giridhari Kalo | Hatisar | Bhatli | 9348800130 | | 21.427123 | 83.503449 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 5.57 | 6.85 | 5.82 | 17.7 |
| Ajodhya Padhan | Sangram Padhan | Hatisar | Bhatli | 9937198792 | | 21.42917 | 83.503455 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 6.67 | 7.3 | 5.82 | 25.4 |
| Binayak Padhan | Bijay Padhan | Hatisar | Bhatli | 9777209952 | | 21.42895 | 83.503519 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.33 | 6.17 | 6.75 | 5.82 | 16.0 |
| Ramesh Bhue | Lekru Bhue | Hatisar | Bhatli | 9861768109 | | 21.42914 9 | 83.50385 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 7.37 | 7.75 | 5.82 | 33.2 |
| Sukamuni Biswal | Makarnanda Biswal | Hatisar | Bhatli | 9348962855 | | 21.427729 | 83.505447 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 7.77 | 7.85 | 5.82 | 34.9 |
| Lalita Tandi | Jogindra Tandi | Hatisar | Bhatli | 7894668314 | | 21.426906 | 83.503774 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 6.33 | 7.37 | 6.85 | 5.82 | 17.7 |
| Tilotama Biswal | Jashobanta Majhi | Hatisar | Bhatli | 7735196265 | | 21.426936 | 83.503092 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.65 | 6.95 | 7.3 | 5.82 | 25.4 |
| Kartik Biswal | Khaga Biswal | Hatisar | Bhatli | 7735196265 | | 21.428436 | 83.505505 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 6.77 | 7.35 | 5.82 | 26.3 |
| Rashmi Ranjita Singh | Sudhansu | Hatisar | Bhatli | 9438167754 | | 21.427568 | 83.500204 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 6.17 | 6.95 | 5.82 | 19.4 |
| Bhaskara Rana | Nishamani Rana | Hatisar | Bhatli | 8839137058 | | 21.426487 | 83.500184 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 6.83 | 6.77 | 6.8 | 5.82 | 16.8 |

| Name of farmer | Father's name | Village | Block | Mobile No. | Email ID | GPS Coordinates (DDMMSS format) | | Soil testing done (Yes/No) | Recommendations based on soil test value | Brief technology intervention | Variety | Area (ha) | Seed quantity used | Demo. Yield (q/ha) | | | Yield of local check q/ha | % increase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Latitude | Longitude | | | | | | | H | L | A | | |
| Kedar Senapati | Subal Senapati | Hatisar | Bhatli | 9348994418 | | 21.427562 | 83.501111 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 6.27 | 7.1 | 5.82 | 22.0 |
| Bighnaraj Banis | Manager Banis | Hatisar | Bhatli | 7848080362 | | 21.427346 | 83.502124 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 6.07 | 7 | 5.82 | 20.3 |
| Amrutalal Singh | Gobardhan Singh | Hatisar | Bhatli | 7735756201 | | 21.428769 | 83.50.501236 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 6.27 | 7.15 | 5.82 | 22.9 |
| Nikhil Barik | Saroj Barik | Hatisar | Bhatli | 7751841755 | | 21.43015 | 83.501214 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 6.47 | 7.1 | 5.82 | 22.0 |
| Bhabani Suna | Bharat Suna | Hatisar | Bhatli | 9078223338 | | 21.42981 | 83.501815 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.77 | 7.9 | 5.82 | 35.7 |
| Sanjaya Datt Barik | Gagan Barik | Hatisar | Bhatli | 9937358788 | | 21.429716 | 83.50215 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 7.67 | 7.9 | 5.82 | 35.7 |
| Raju D Krishna | K. Ramakrishna | Hatisar | Bhatli | 9437535032 | | 21.429924 | 83.501669 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.37 | 7.7 | 5.82 | 32.3 |
| Hotasana Biswal | Tikeswar Biswal | Hatisar | Bhatli | 9348849809 | | 21.430178 | 83.505177 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.63 | 7.17 | 7.4 | 5.82 | 27.1 |
| Deepak Ku. Sahu | Mahndra Sahu | Hatisar | Bhatli | 7326045604 | | 21.427573 | 83.500257 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.37 | 7.7 | 5.82 | 32.3 |
| Jogendra Sahu | Sahadev Sahu | Hatisar | Bhatli | 7894789617 | | 21.427131 | 83.500028 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 6.67 | 7.2 | 5.82 | 23.7 |
| Bhikari Charan Khamari | Jadab Khamari | Hatisar | Bhatli | 8018283744 | | 21.428798 | 83.502545 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.23 | 7.17 | 7.7 | 5.82 | 32.3 |
| Satyajit Kumar panda | Prafulla Ku. Panda | Hatisar | Bhatli | 7077221435 | | 21.425405 | 83.502087 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 6.67 | 7.3 | 5.82 | 25.4 |
| Sunil Kumar Rana | Dasaratha Rana | Hatisar | Bhatli | 8144698890 | | 21.424842 | 83.502354 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 6.67 | 7.2 | 5.82 | 23.7 |
| Himansu Sahu | Madhukara Sahu | Hatisar | Bhatli | 9556879259 | | 21.424509 | 83.50216 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.17 | 7.6 | 5.82 | 30.6 |
| Pankajini Sahu | Balia Sahu | Hatisar | Bhatli | 9556824885 | | 21.424646 | 83.503007 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 7.27 | 7.5 | 5.82 | 28.9 |
| Manasi Patel | Dishi Patel | Hatisar | Bhatli | 9938192552 | | 21.42414 | 83.503613 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.57 | 7.8 | 5.82 | 34.0 |
| Gunanidhi Sahu | Bipin Sahu | Hatisar | Bhatli | | | 21.423959 | 83.502393 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 7.87 | 7.9 | 5.82 | 35.7 |
| Ramesh Sahu | Baikuntha Sahu | Hatisar | Bhatli | 9938752376 | | 21.424125 | 83.50038 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 8.07 | 8.05 | 5.82 | 38.3 |

| Name of farmer | Father's name | Village | Block | Mobile No. | Email ID | GPS Coordinates (DDMMSS format) | | Soil testing done (Yes/No) | Recommendations based on soil test value | Brief technology intervention | Variety | Area (ha) | Seed quantity used | Demo. Yield (q/ha) | | | Yield of local check q/ha | % increase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Latitude | Longitude | | | | | | | H | L | A | | |
| Sahadev Barik | Dinabandhu Barik | Gopalpur | Bhatli | 8658721976 | | 21.447858 | 83.550228 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 7.47 | 7.6 | 5.82 | 30.6 |
| Manobodha Barik | Radhaballab Naik | Gopalpur | Bhatli | 9938159274 | | 21.447713 | 83.550567 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 7.27 | 7.7 | 5.82 | 32.3 |
| Ritimayee Barik | Bipin Barik | Gopalpur | Bhatli | 9439610339 | | 21.447524 | 83.550629 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.33 | 7.67 | 8 | 5.82 | 37.5 |
| Tarini Barik | Malil Barik | Gopalpur | Bhatli | | | 21.447404 | 83.550887 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.37 | 7.7 | 5.82 | 32.3 |
| Sarbeswar Sahu | Basanta Sahu | Gopalpur | Bhatli | 7978541825 | | 21.447244 | 83.550793 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 7.87 | 7.9 | 5.82 | 35.7 |
| Nruparaj Deheri | Pankaj Deheri | Gopalpur | Bhatli | 9738771787 | | 21.447168 | 83.5513 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.23 | 7.37 | 7.8 | 5.82 | 34.0 |
| Susanta Sahu | Lokanatha Sahu | Gopalpur | Bhatli | 9827061894 | | 21.447008 | 83.551207 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.97 | 8 | 5.82 | 37.5 |
| Prakaksh Bhoi | Sudam Bhoi | Gopalpur | Bhatli | 7735556471 | | 21.446961 | 83.550165 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.33 | 6.27 | 7.3 | 5.82 | 25.4 |
| Sribatsa Sahu | Dhaniram Sahu | Gopalpur | Bhatli | 7327833529 | | 21.447048 | 83.551503 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 6.27 | 7 | 5.82 | 20.3 |
| Bharat Sahu | Benudhar Sahu | Gopalpur | Bhatli | 9337605227 | | 21.447004 | 83.550817 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 6.37 | 7.15 | 5.82 | 22.9 |
| Sukadev Patel | Mukutram Patel | Gopalpur | Bhatli | 9938125273 | | 21.446808 | 83.550364 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.63 | 6.37 | 7 | 5.82 | 20.3 |
| Mohanlal Deheri | Gahal Deheri | Gopalpur | Bhatli | 7723951148 | | 21.446939 | 83.550118 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 6.67 | 7.2 | 5.82 | 23.7 |
| Prahallad Samrath | Samaru Samrath | Gopalpur | Bhatli | | | 21.446765 | 83.549916 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 6.17 | 7.15 | 5.82 | 22.9 |
| Sreedhar Barik | Tika Barik | Gopalpur | Bhatli | | | 21.446765 | 83.549916 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 7.17 | 7.65 | 5.82 | 31.4 |
| Bimal Kandha | Lekru Kandha | Gopalpur | Bhatli | | | 21.447375 | 83.549826 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 7.97 | 8.05 | 5.82 | 38.3 |
| Laxmi Das | Dinabandhu Das | Gopalpur | Bhatli | | | 21.453206 | 83.552248 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.22 | 7.48 | 7.85 | 5.82 | 34.9 |
| Aditya Bariha | Kudhiram Bariha | Gopalpur | Bhatli | | | 21.452728 | 83.550747 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.07 | 7.55 | 5.82 | 29.7 |
| Pankaj Padhan | Munaku Padhan | Gopalpur | Bhatli | | | 21.453883 | 83.552831 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 7.37 | 7.65 | 5.82 | 31.4 |

| Name of farmer | Father's name | Village | Block | Mobile No. | Email ID | GPS Coordinates (DDMMSS format) | | Soil testing done (Yes/No) | Recommendations based on soil test value | Brief technology intervention | Variety | Area (ha) | Seed quantity used | Demo. Yield (q/ha) | | | Yield of local check q/ha | % increase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Latitude | Longitude | | | | | | | H | L | A | | |
| Debananda Barik | Niranjan Barik | Gopalpur | Bhatli | | | 21.453486 | 83.553252 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.11 | 7.39 | 7.75 | 5.82 | 33.2 |
| Tusar Sahu | Jogeswar Sahu | Gopalpur | Bhatli | 9343116937 | | 21.453521 | 83.551757 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 7.57 | 7.65 | 5.82 | 31.4 |
| Jitendra Dansena | Radhakanta Dansena | Gopalpur | Bhatli | 9668448229 | | 21.452878 | 83.550819 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.47 | 7.75 | 5.82 | 33.2 |
| Swadhina Dansena | Bhart Dansena | Gopalpur | Bhatli | 9937081443 | | 21.453714 | 83.555003 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.63 | 6.07 | 6.85 | 5.82 | 17.7 |
| Narayan Padhan | Durbadal Padhan | Gopalpur | Bhatli | 7894856446 | | 21.456266 | 83.555738 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 7.17 | 7.65 | 5.82 | 31.4 |
| Biswambar Dansena | Rameswar Dansena | Gopalpur | Bhatli | 8456853465 | | 21.456101 | 83.557822 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 6.87 | 7.3 | 5.82 | 25.4 |
| Afisar Behera | Akshaya Behera | Gopalpur | Bhatli | 9777733396 | | 21.455874 | 83.558455 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.87 | 7.95 | 5.82 | 36.6 |
| Bailochan Pradhan | Sadasan Pradhan | Mahulpalli | Padampur | 8456042144 | | 21.011844 | 83.097225 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 6.97 | 7.45 | 5.82 | 28.0 |
| Damayanti Pradhan | Bailochan Pradhan | Mahulpalli | Padampur | | | 21.011432 | 83.096815 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.1 | 5.1 | 6.6 | 5.82 | 13.4 |
| Sunita Pradhan | Bailochan Pradhan | Mahulpalli | Padampur | 9692716257 | | 21.012492 | 83.097056 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 5.37 | 6.55 | 5.82 | 12.5 |
| Basanti Pradhan | Sukadeb Barik | Mahulpalli | Padampur | | | 21.012644 | 83.096374 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.51 | 3.59 | 6.55 | 5.82 | 12.5 |
| Hrudananda Bariha | Krumar Bariha | Mahulpalli | Padampur | 6371385447 | | 21.012317 | 83.096265 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 10.3 | 2.6 | 6.45 | 5.82 | 10.8 |
| Premananda Bhue | Chandra Sekhar Bhue | Mahulpalli | Padampur | 9692756034 | | 21.01128 | 83.097382 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 10.1 | 4.3 | 7.2 | 5.82 | 23.7 |
| Duryadhana Bariha | Kunja Bariha | Mahulpalli | Padampur | 9337688912 | | 21.01102 | 83.096712 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 10.4 | 3.7 | 7.05 | 5.82 | 21.1 |
| Arakhita Pradhan | Benudhara Pradhan | Mahulpalli | Padampur | 6371451127 | | 21.010964 | 83.096875 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.1 | 4.6 | 6.85 | 5.82 | 17.7 |
| Dayanidhi Pradhan | Laxmana Pradhan | Mahulpalli | Padampur | 6371497824 | | 21.011753 | 83.096422 | yes | 30-15-15 | | Sushree | 0.4 | 2.5 | 9.05 | 5.55 | 7.3 | 5.39 | 35.4 |
| Tikelal Bhoi | Gobardhan Bhoi | Mahulpalli | Padampur | 7894271342 | | 21.012861 | 83.095447 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.26 | 4.24 | 6.75 | 5.39 | 25.2 |
| Baladeb Bariha | Siba Bariha | Mahulpalli | Padampur | 9438417152 | | 21.012466 | 83.095447 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.4 | 3.34 | 6.37 | 5.39 | 18.2 |

| Name of farmer | Father's name | Village | Block | Mobile No. | Email ID | GPS Coordinates (DDMMSS format) | | Soil testing done (Yes/No) | Recommendations based on soil test value | Brief technology intervention | Variety | Area (ha) | Seed quantity used | Demo. Yield (q/ha) | | | Yield of local check q/ha | % increase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Latitude | Longitude | | | | | | | H | L | A | | |
| Kulamani Bariha | Jaladhara Bariha | Mahulpalli | Padampur | 8144480418 | | 21.012963 | 83.09616 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 10.1 | 3.34 | 6.72 | 5.39 | 24.7 |
| Gautama Bariha | Sukru Bariha | Mahulpalli | Padampur | 8260598306 | | 21.013052 | 83.094968 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 11.7 | 1.34 | 6.52 | 5.39 | 21.0 |
| Tikeswar Bariha | Jaladhar Bariha | Mahulpalli | Padampur | 9692481731 | | 21.012747 | 83.094848 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.46 | 3.38 | 6.42 | 5.39 | 19.1 |
| Dinabandhu Bariha | Purna Ch. Bariha | Mahulpalli | Padampur | | | 21.013126 | 83.094229 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.66 | 4.48 | 7.07 | 5.39 | 31.2 |
| Ujjjala Pradhan | Sadasib Pradhan | Mahulpalli | Padampur | 9861129366 | | 21.013334 | 83.093722 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.86 | 3.18 | 6.52 | 5.39 | 21.0 |
| Bishikesana Pradhan | Ujjala Pradhan | Mahulpalli | Padampur | | | 21.012923 | 83.093746 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.46 | 3.18 | 6.32 | 5.39 | 17.3 |
| Bijaya Ku. Pradhan | Pabitra Pradhan | Mahulpalli | Padampur | 8260819788 | | 21.012658 | 83.093668 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.76 | 2.88 | 6.32 | 5.39 | 17.3 |
| Hemanta Ku. Pradhan | Purna Ch. Pradhan | Mahulpalli | Padampur | 9348074721 | | 21.012742 | 83.094302 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.36 | 2.88 | 6.12 | 5.39 | 13.5 |
| Kunjabihari Bariha | Bhagatram Bariha | Mahulpalli | Padampur | 8455806716 | | 21.0125 | 83.094084 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.76 | 1.88 | 5.82 | 5.39 | 8.0 |
| Madan Bariha | Ugrasen Bariha | Mahulpalli | Padampur | | | 21.012145 | 83.093994 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.36 | 2.88 | 6.12 | 5.39 | 13.5 |
| Ashish Ku. Pradhan | Tejraj Pradhan | Mahulpalli | Padampur | 7978774886 | | 21.012173 | 83.093668 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.62 | 4.62 | 7.12 | 5.39 | 32.1 |
| Chayakanta Khamari | Tapa Khamari | Garbhana | Sohela | 7847921476 | | 21.312348 | 83.439512 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.76 | 3.48 | 6.62 | 5.39 | 22.8 |
| Praksh Sahu | Surubua Sahu | Garbhana | Sohela | 6371685984 | | 21.312409 | 83.438834 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.66 | 3.78 | 6.72 | 5.39 | 24.7 |
| Ananda Acharya | Ran Prasad Acharya | Garbhana | Sohela | 8260182948 | | 21.313094 | 83.43801 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.06 | 3.18 | 6.12 | 5.39 | 13.5 |
| Bhakta Prasad Pradhan | Sura Pradhan | Garbhana | Sohela | 9337919375 | | 21.313041 | 83.437791 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.86 | 3.18 | 6.52 | 5.39 | 21.0 |
| Ekalabya Naik | Amruta Naik | Garbhana | Sohela | 9178982704 | | 21.313011 | 83.437251 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.76 | 3.08 | 6.42 | 5.39 | 19.1 |
| Gopal Sandha | Kshetra Sandha | Garbhana | Sohela | 7608825370 | | 21.309006 | 83.438714 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.62 | 2.82 | 6.22 | 5.39 | 15.4 |
| Ratish Khamari | Himansu Khamari | Garbhana | Sohela | 7855901040 | | 21.30872 | 83.438374 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.86 | 2.78 | 6.32 | 5.39 | 17.3 |

| Name of farmer | Father's name | Village | Block | Mobile No. | Email ID | GPS Coordinates (DDMMSS format) | | Soil testing done (Yes/No) | Recommendations based on soil test value | Brief technology intervention | Variety | Area (ha) | Seed quantity used | Demo. Yield (q/ha) | | | Yield of local check q/ha | % increase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Latitude | Longitude | | | | | | | H | L | A | | |
| Gobardhana Sahu | Jadumani Sahu | Garbhana | Sohela | 8144577674 | | 21.308878 | 83.437889 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 9.456 | 2.484 | 5.97 | 5.27 | 13.3 |
| Jibardhan Sahu | Sundar Sahu | Garbhana | Sohela | 9438135243 | | 21.308531 | 83.437538 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 10.32 | 2.72 | 6.52 | 5.27 | 23.7 |
| Biswanath Khamari | Japa Khamari | Garbhana | Sohela | 3249000860 | | 21.308637 | 83.436682 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 5.11 | 6.62 | 5.27 | 25.6 |
| Sambhuprasad Seth | Radheshyam Seth | Garbhana | Sohela | 9556448384 | | 21.309043 | 83.4385 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 5.71 | 6.92 | 5.27 | 31.3 |
| Jaya Prakash Padhan | Jatadhari Padhan | Garbhana | Sohela | 6372254857 | | 21.309251 | 83.436527 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.79 | 4.45 | 6.12 | 5.27 | 16.1 |
| Manobodh Sahu | Radharani Sahu | Garbhana | Sohela | 9692302746 | | 21.309183 | 83.436175 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 4.51 | 6.32 | 5.27 | 19.9 |
| Sankarlal Khamari | Premraj Khamari | Garbhana | Sohela | 8658995088 | | 21.308385 | 83.436684 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 4.31 | 6.22 | 5.27 | 18.0 |
| Srikanta Khamari | Balistha Khamari | Garbhana | Sohela | 6370287139 | | 21.30794 | 83.436757 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.59 | 6.25 | 6.92 | 5.27 | 31.3 |
| Chaturtha Mahakur | Haguru Mahakur | Garbhana | Sohela | 9337794056 | | 21.308362 | 83.436086 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 6.31 | 7.22 | 5.27 | 37.0 |
| Subashish Mahakur | Ramachandra Mahakur | Garbhana | Sohela | 7815009169 | | 21.3078 | 83.435904 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.69 | 6.15 | 6.92 | 5.27 | 31.3 |
| Minaketan Sahu | Bhima Sahu | Garbhana | Sohela | 9778115599 | | 21.310978 | 83.434432 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.13 | 6.01 | 7.07 | 5.27 | 34.2 |
| Jibardhan Padhan | Janu Padhan | Garbhana | Sohela | 7735620220 | | 21.311189 | 83.433575 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.03 | 5.81 | 6.92 | 5.27 | 31.3 |
| Ramakanta Sahu | Gajapati sahu | Garbhana | Sohela | 6370870068 | | 21.310752 | 83.43347 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.13 | 6.11 | 7.12 | 5.27 | 35.1 |
| Sambhu Padhan | Tejraj Padhan | Garbhana | Sohela | 6371559535 | | 21.310827 | 83.432492 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.93 | 6.21 | 7.07 | 5.27 | 34.2 |
| Golapi Sandha | Ambana Bhoi | Garbhana | Sohela | 9668618473 | | 21.312007 | 83.43965 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.33 | 5.81 | 6.57 | 5.27 | 24.7 |
| Himanshu Sekhar Sahu | Subal Sahu | Garbhana | Sohela | 9937288455 | | 21.313813 | 83.438091 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.13 | 5.81 | 6.97 | 5.27 | 32.3 |
| Mukteswar Acharya | Kumbha Acharya | Garbhana | Sohela | 7077984114 | | 21.314408 | 83.436499 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.93 | 5.61 | 6.77 | 5.27 | 28.5 |
| Thayakanta Khamari | Birbal Khamari | Garbhana | Sohela | 9556163389 | | 21.314152 | 83.436071 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 6.33 | 7.61 | 6.97 | 5.27 | 32.3 |

| Name of farmer | Father's name | Village | Block | Mobile No. | Email ID | GPS Coordinates (DDMMSS format) | | Soil testing done (Yes/No) | Recommendations based on soil test value | Brief technology intervention | Variety | Area (ha) | Seed quantity used | Demo. Yield (q/ha) | | | Yield of local check q/ha | % increase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Latitude | Longitude | | | | | | | H | L | A | | |
| Ratish Ku Acharya | Brushabhanu Acharya | Garbhana | Sohela | 9938378201 | | 21.306692 | 83.4407 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.65 | 5.49 | 6.57 | 5.27 | 24.7 |
| Padmalaya Barik | Bhishma Khamari | Garbhana | Sohela | 7992776210 | | 21.305932 | 83.436614 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.93 | 5.41 | 6.67 | 5.27 | 26.6 |
| Manoj Ku Padhan | Lambodhar Padhan | Garbhana | Sohela | 7205688340 | | 21.30612 | 83.436978 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.73 | 4.41 | 6.07 | 5.27 | 15.2 |
| Sibalal Bhoi | Jaydeb Bhoi | Garbhana | Sohela | 7735387363 | | 21.305947 | 83.436687 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 6.83 | 5.51 | 6.17 | 5.27 | 17.1 |
| Birendra Mohananda | Souki Mohananda | Garbhana | Sohela | 9937054211 | | 21.306572 | 83.43642 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.93 | 4.61 | 6.27 | 5.27 | 19.0 |
| Prakash Ch Khamari | Purna Ch Khamari | Garbhana | Sohela | 8249484799 | | 21.307483 | 83.436396 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.93 | 5.21 | 6.57 | 5.27 | 24.7 |
| Mohan Barik | Niranjan Barik | Garbhana | Sohela | 7789908292 | | 21.307716 | 83.435871 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.03 | 4.41 | 6.22 | 5.27 | 18.0 |
| Kalpa Sahu | Siba Sahu | Garbhana | Sohela | 8018124229 | | 21.308258 | 83.436461 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.73 | 5.01 | 6.37 | 5.27 | 20.9 |
| Muralidhar Barik | Jhasketan Barik | Garbhana | Sohela | 9556525558 | | 21.307084 | 83.437754 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.03 | 4.71 | 6.37 | 5.27 | 20.9 |
| Bikash Ch Acharya | Poulasti Acharya | Garbhana | Sohela | | | 21.307087 | 83.43749 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.13 | 4.91 | 6.52 | 5.27 | 23.7 |
| Bulu Mohananda | Laba Mohananda | Garbhana | Sohela | 6370349047 | | 21.307125 | 83.437134 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.03 | 4.91 | 6.47 | 5.27 | 22.8 |
| Brahma Sahu | Judhisthir Sahu | Garbhana | Sohela | 8018226024 | | 21.307366 | 83.436997 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.63 | 5.31 | 6.47 | 5.27 | 22.8 |
| Ajay Sahu | Tikelal Sahu | Garbhana | Sohela | | | 21.307195 | 83.43656 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 4.71 | 6.37 | 5.27 | 20.9 |
| Lalit Ku Sahu | Jagnyapati Sahu | Garbhana | Sohela | 9556088246 | | 21.307771 | 83.435796 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 6.51 | 7.12 | 5.27 | 35.1 |
| Bilash Ch. Acharya | Poulasti Acharya | Garbhana | Sohela | | | 21.30878 | 83.436087 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.23 | 5.71 | 6.97 | 5.27 | 32.3 |
| Radhakanta Sahu | Bhima Sahu | Garbhana | Sohela | 8328962678 | | 21.307364 | 83.43515 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 5.61 | 6.77 | 5.27 | 28.5 |
| Mahendra Sahu | Rakshyapad Sahu | Garbhana | Sohela | 6370156604 | | 21.307244 | 83.43553 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 6.71 | 7.22 | 5.27 | 37.0 |
| Sapta Mohananda | Dadhi Mohananda | Garbhana | Sohela | 7751975526 | | 21.307342 | 83.435772 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.31 | 7.67 | 5.27 | 45.5 |

| Name of farmer | Father's name | Village | Block | Mobile No. | Email ID | GPS Coordinates (DDMMSS format) | | Soil testing done (Yes/No) | Recommendations based on soil test value | Brief technology intervention | Variety | Area (ha) | Seed quantity used | Demo. Yield (q/ha) | | | Yield of local check q/ha | % increase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Latitude | Longitude | | | | | | | H | L | A | | |
| Nirmal Naik | Manabodh Naik | Garbhana | Sohela | 7735151339 | | 21.307033 | 83.435877 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.73 | 7.61 | 7.67 | 5.27 | 45.5 |
| Ballabha Mahananda | Gyana Mahananda | Garbhana | Sohela | 7894581051 | | 21.306873 | 83.435665 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.51 | 7.77 | 5.27 | 47.4 |
| Duryadhan Sahu | Brahma Sahu | Garbhana | Sohela | 9938767928 | | 21.306399 | 83.436133 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 7.61 | 7.77 | 5.27 | 47.4 |
| Tanmaya Padhan | Lambodhar Padhan | Garbhana | Sohela | 9938288340 | | 21.306278 | 83.435883 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.41 | 7.72 | 5.27 | 46.5 |
| Rajendra Sahu | Radhacharan Sahu | Garbhana | Sohela | 7978779491 | | 21.308838 | 83.435366 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.73 | 7.81 | 7.77 | 5.27 | 47.4 |
| Gyanchand Acharya | Girija Sankar Acharya | Garbhana | Sohela | | | 21.309372 | 83.436335 | yes | 30-15-15 | | Sushree | 0.5 | 2.5 | 8.13 | 7.61 | 7.87 | 5.27 | 49.3 |
| Aswini Barik | Jhasketan Barik | Bijapalli | Sohela | 8018230929 | | 21.0733 | 83.1611 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.33 | 7.11 | 7.72 | 5.27 | 46.5 |
| Bibhutibhusan Mahalla | Antaryami Mahalla | Bijapalli | Sohela | 9556069117 | | 21.0733 | 83.161 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.03 | 7.01 | 7.52 | 5.27 | 42.7 |
| Upendra Saha | Durjyodhan Saha | Bijapalli | Sohela | 7751075666 | | 21.074 | 83.1605 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.93 | 6.91 | 7.42 | 5.27 | 40.8 |
| Sundarmani Seth | Premaraj Seth | Bijapalli | Sohela | 9937543706 | | 21.0741 | 83.1604 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.23 | 6.91 | 7.57 | 5.27 | 43.6 |
| Narottam Saha | Upendra Saha | Bijapalli | Sohela | 7751075666 | | 21.0741 | 83.1603 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.03 | 7.01 | 7.52 | 5.27 | 42.7 |
| Hema Ch Bariha | Jogeswar Bariha | Bijapalli | Sohela | | | 21.0743 | 83.1602 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.33 | 7.31 | 7.82 | 5.27 | 48.4 |
| Rukmana Jued | Niranjan Jued | Bijapalli | Sohela | 7735859969 | | 21.0737 | 83.1606 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.73 | 7.91 | 7.82 | 5.27 | 48.4 |
| Mahendra Saha | Birat Saha | Bijapalli | Sohela | 8328947267 | | 21.0739 | 83.1608 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.93 | 7.31 | 7.62 | 5.27 | 44.6 |
| Dasarathi Khamari | Makaru Khamari | Bijapalli | Sohela | 9668998086 | | 21.0735 | 83.1605 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.63 | 7.01 | 7.32 | 5.27 | 38.9 |
| Dolamani Bhoi | Pitabasa Bhoi | Bijapalli | Sohela | 9583128023 | | 21.0735 | 83.1603 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 7.73 | 7.51 | 7.62 | 5.27 | 44.6 |
| Durbadala Pradhan | Purnachandra Pradhan | Bijapalli | Sohela | 9938953901 | | 21.0734 | 83.1607 | yes | 30-15-15 | -do- | Sushree | 0.5 | 2.5 | 8.13 | 6.11 | 7.12 | 5.27 | 35.1 |
| Pitambar Putel | Ganda Putel | Bijapalli | Sohela | 9078906109 | | 21.0736 | 83.1614 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 7.27 | 7.7 | 5.27 | 46.1 |

| Name of farmer | Father's name | Village | Block | Mobile No. | Email ID | GPS Coordinates (DDMMSS format) | | Soil testing done (Yes/No) | Recommendations based on soil test value | Brief technology intervention | Variety | Area (ha) | Seed quantity used | Demo. Yield (q/ha) | | | Yield of local check q/ha | % increase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Latitude | Longitude | | | | | | | H | L | A | | |
| Tejranjan Dangaru | Debraj Dangaru | Bijapalli | Sohela | 6370323301 | | 21.0738 | 83.1612 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.13 | 7.67 | 7.9 | 5.27 | 49.9 |
| Krushna Chandra Meher | Nityananda Meher | Bijapalli | Sohela | 9777954122 | | 21.0736 | 83.1619 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.22 | 7.38 | 7.8 | 5.27 | 48.0 |
| Biswajeet Hota | Debaraj Hota | Bijapalli | Sohela | 7854035567 | | 21.0736 | 83.1608 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 8.03 | 7.97 | 8 | 5.27 | 51.8 |
| Jitendra Mahakur | Bhani Sankar Mahakur | Bijapalli | Sohela | 7873639094 | | 21.427347 | 83.50196 | yes | 30-15-15 | -do- | Sushree | 0.4 | 2.5 | 7.93 | 6.67 | 7.3 | 5.27 | 38.5 |

### 3.3 Achievements on Training (Including the sponsored and FLD training programmes):

### A) Farmers and farm women (on campus)

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Other | | | SC | | | ST | | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| **I. Crop Production** | | | | | | | | | | | | | |
| Weed Management | | | | | | | | | | | | | |
| Resource Conservation Technologies | | | | | | | | | | | | | |
| Cropping Systems | | | | | | | | | | | | | |
| Crop Diversification | | | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | | | |
| Micro irrigation/irrigation | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Integrated Crop Management | | | | | | | | | | | | | |
| Soil & water conservation | | | | | | | | | | | | | |
| Integrated nutrient Management | | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | |
| **II. Horticulture** | | | | | | | | | | | | | |
| **a) Vegetable Crops** | | | | | | | | | | | | | |
| Production of low volume and high value crops | | | | | | | | | | | | | |
| Off0season vegetables | | | | | | | | | | | | | |
| Nursery raising | | | | | | | | | | | | | |

| 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 |
| Exotic vegetables | | | | | | | | | | | | | |
| Export potential vegetables | | | | | | | | | | | | | |
| Grading and standardization | | | | | | | | | | | | | |
| Protective cultivation | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (a) | | | | | | | | | | | | | |
| **b) Fruits** | | | | | | | | | | | | | |
| Training and Pruning | | | | | | | | | | | | | |
| Layout and Management of Orchards | | | | | | | | | | | | | |
| Cultivation of Fruit | | | | | | | | | | | | | |
| Management of young plants/orchards | | | | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | | | | |
| Export potential fruits | | | | | | | | | | | | | |
| Micro irrigation systems of orchards | | | | | | | | | | | | | |
| Plant propagation techniques | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (b) | | | | | | | | | | | | | |
| **c) Ornamental Plants** | | | | | | | | | | | | | |
| Nursery Management | | | | | | | | | | | | | |
| Management of potted plants | | | | | | | | | | | | | |
| Export potential of ornamental plants | | | | | | | | | | | | | |
| Propagation techniques of Ornamental Plants | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (c) | | | | | | | | | | | | | |
| **d) Plantation crops** | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (d) | | | | | | | | | | | | | |
| **e) Tuber crops** | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (e) | | | | | | | | | | | | | |
| **f) Spices** | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |

| 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 |
| Total (f) | | | | | | | | | | | | | |
| **g) Medicinal and Aromatic Plants** | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Production and management technology | | | | | | | | | | | | | |
| Post harvest technology and value addition | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (g) | | | | | | | | | | | | | |
| Total(a-g) | | | | | | | | | | | | | |
| **III. Soil Health and Fertility Management** | | | | | | | | | | | | | |
| Soil fertility management | | | | | | | | | | | | | |
| Integrated water management | | | | | | | | | | | | | |
| Integrated Nutrient Management | | | | | | | | | | | | | |
| Production and use of organic inputs | | | | | | | | | | | | | |
| Management of Problematic soils | | | | | | | | | | | | | |
| Micro nutrient deficiency in crops | | | | | | | | | | | | | |
| Nutrient Use Efficiency | | | | | | | | | | | | | |
| Balance Use of fertilizer | | | | | | | | | | | | | |
| Soil & water testing | | | | | | | | | | | | | |
| others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **IV. Livestock Production and Management** | | | | | | | | | | | | | |
| Dairy Management | | | | | | | | | | | | | |
| Poultry Management | | | | | | | | | | | | | |
| Piggery Management | | | | | | | | | | | | | |
| Rabbit Management | | | | | | | | | | | | | |
| Animal Nutrition Management | | | | | | | | | | | | | |
| Disease Management | | | | | | | | | | | | | |
| Feed & fodder technologies | | | | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **V. Home Science/Women empowerment** | | | | | | | | | | | | | |
| Household food security by kitchen gardening and nutrition gardening | | | | | | | | | | | | | |
| Design and development of low/minimum cost diet | | | | | | | | | | | | | |
| Designing and development for high nutrient efficiency diet | | | | | | | | | | | | | |
| Minimization of nutrient loss in processing | | | | | | | | | | | | | |
| Processing & cooking | | | | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | | | | |

| 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 |
| Storage loss minimization techniques | | | | | | | | | | | | | |
| Value addition | | | | | | | | | | | | | |
| Women empowerment | | | | | | | | | | | | | |
| Location specific drudgery reduction technologies | | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | | |
| Women and child care | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **VI. Agril. Engineering** | | | | | | | | | | | | | |
| Farm machinery & its maintenance | | | | | | | | | | | | | |
| Installation and maintenance of micro irrigation systems | 02 | 14 | 0 | 14 | 29 | 0 | 29 | 4 | 3 | 7 | 47 | 3 | 50 |
| Use of Plastics in farming practices | | | | | | | | | | | | | |
| Production of small tools and implements | | | | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | | | | | | | | | | | | | |
| Small scale processing and value addition | | | | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | 02 | 14 | 0 | 14 | 29 | 0 | 29 | 4 | 3 | 7 | 47 | 3 | 50 |
| **VII. Plant Protection** | | | | | | | | | | | | | |
| Integrated Pest Management | | | | | | | | | | | | | |
| Integrated Disease Management | | | | | | | | | | | | | |
| Bio0control of pests and diseases | | | | | | | | | | | | | |
| Production of bio control agents and bio pesticides | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **VIII. Fisheries** | | | | | | | | | | | | | |
| Integrated fish farming | | | | | | | | | | | | | |
| Carp breeding and hatchery management | | | | | | | | | | | | | |
| Carp fry and fingerling rearing | | | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | | | |
| Hatchery management and culture of freshwater prawn | | | | | | | | | | | | | |
| Breeding and culture of ornamental fishes | | | | | | | | | | | | | |
| Portable plastic carp hatchery | | | | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | | | | |

| 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 |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **IX. Production of Input at site** | | | | | | | | | | | | | |
| Seed Production | | | | | | | | | | | | | |
| Planting material production | | | | | | | | | | | | | |
| Bio0agents production | | | | | | | | | | | | | |
| Bio0pesticides production | | | | | | | | | | | | | |
| Bio0fertilizer production | | | | | | | | | | | | | |
| Vermi0compost production | | | | | | | | | | | | | |
| Organic manures production | | | | | | | | | | | | | |
| Production of fry and fingerlings | | | | | | | | | | | | | |
| Production of Bee0colonies and wax sheets | | | | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | | | | |
| Production of Fish feed | | | | | | | | | | | | | |
| Mushroom production | | | | | | | | | | | | | |
| Apiculture | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **X. Capacity Building and Group Dynamics** | | | | | | | | | | | | | |
| Leadership development | | | | | | | | | | | | | |
| Group dynamics | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | |
| Mobilization of social capital | | | | | | | | | | | | | |
| Entrepreneurial development of farmers/youths | | | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **XI. Agro forestry** | | | | | | | | | | | | | |
| Production technologies | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **XII. Others (Pl. Specify)** | | | | | | | | | | | | | |
| **GRAND TOTAL** | 02 | 14 | 0 | 14 | 29 | 0 | 29 | 4 | 3 | 7 | 47 | 3 | 50 |

## B) Rural Youth (on campus)

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Other | | | SC | | | ST | | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Nursery Management of Horticulture crops | 1 | 0 | 10 | 10 | 0 | 2 | 2 | 0 | 3 | 3 | 0 | 15 | 15 |
| Training and pruning of orchards | | | | | | | | | | | | | |
| Protected cultivation of vegetable crops | | | | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | | | | |
| Integrated farming | | | | | | | | | | | | | |
| Seed production | 1 | 11 | 0 | 3 | 7 | 3 | 10 | 1 | 1 | 2 | 10 | 5 | 15 |
| Production of organic inputs | 3 | 11 | 8 | 19 | 17 | 7 | 24 | 9 | 3 | 12 | 36 | 19 | 45 |
| Planting material production | | | | | | | | | | | | | |
| Vermiculture | | | | | | | | | | | | | |
| Mushroom Production | | | | | | | | | | | | | |
| Beekeeping | 1 | 8 | 1 | 9 | 3 | 1 | 4 | 1 | 1 | 2 | 12 | 3 | 15 |
| Sericulture | | | | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | 1 | 5 | 0 | 5 | 16 | 0 | 16 | 0 | 0 | 0 | 21 | 0 | 21 |
| Value addition | | | | | | | | | | | | | |
| Small scale processing | | | | | | | | | | | | | |
| Post Harvest Technology | 1 | 4 | 0 | 4 | 11 | 0 | 11 | 0 | 0 | 0 | 15 | 0 | 15 |
| Tailoring and Stitching | | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | | | | |
| Dairying | | | | | | | | | | | | | |
| Sheep and goat rearing | | | | | | | | | | | | | |
| Quail farming | | | | | | | | | | | | | |
| Piggery | | | | | | | | | | | | | |
| Rabbit farming | | | | | | | | | | | | | |
| Poultry production | | | | | | | | | | | | | |
| Ornamental fisheries | | | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | | | |
| Freshwater prawn culture | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Cold water fisheries | | | | | | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | | | | | | |
| Fry and fingerling rearing | | | | | | | | | | | | | |
| Others | 1 | 3 | 3 | 6 | 2 | 3 | 5 | 4 | 5 | 9 | 9 | 11 | 20 |
| **Total** | **9** | **42** | **22** | **56** | **56** | **16** | **72** | **15** | **13** | **28** | **103** | **53** | **146** |

## C) Extension Personnel (on campus)

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Other | | | SC | | | ST | | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Productivity enhancement in field crops | | | | | | | | | | | | | |
| Integrated Pest Management | 1 | 15 | 3 | 18 | 1 | 2 | 3 | 0 | 0 | 0 | 16 | 4 | 20 |
| Integrated Nutrient management | | | | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | | | | |
| Protected cultivation technology | 1 | 6 | 0 | 6 | 9 | 0 | 9 | 0 | 0 | 0 | 15 | 0 | 15 |
| Production and use of organic inputs | 1 | 4 | 2 | 6 | 3 | 3 | 6 | 1 | 2 | 3 | 8 | 7 | 15 |
| | 1 | 4 | 0 | 4 | 6 | 4 | 10 | 1 | 0 | 1 | 9 | 6 | 15 |
| Care and maintenance of farm machinery and implements | | | | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | |
| Women and Child care | | | | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | | | | | | | | | | | | | |
| Group Dynamics and farmers organization | | | | | | | | | | | | | |
| Information networking among farmers | | | | | | | | | | | | | |
| Capacity building for ICT application | | | | | | | | | | | | | |
| Management in farm animals | | | | | | | | | | | | | |
| Livestock feed and fodder production | | | | | | | | | | | | | |
| Household food security | | | | | | | | | | | | | |
| Other | 1 | 4 | 2 | 6 | 3 | 2 | 5 | 2 | 2 | 4 | 9 | 6 | 15 |
| **Total** | **5** | **33** | **7** | **40** | **22** | **11** | **33** | **4** | **4** | **8** | **57** | **23** | **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 | | | | | | | | | | | | | |
| Resource Conservation Technologies | | | | | | | | | | | | | |
| Cropping Systems | | | | | | | | | | | | | |
| Crop Diversification | | | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | | | |
| Micro irrigation/irrigation | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |

| 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 |
| Integrated Crop Management | | | | | | | | | | | | | |
| Soil & water conservation | | | | | | | | | | | | | |
| Integrated nutrient Management | | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | |
| **II. Horticulture** | | | | | | | | | | | | | |
| **a) Vegetable Crops** | | | | | | | | | | | | | |
| Production of low volume and high value crops | | | | | | | | | | | | | |
| Off0season vegetables | | | | | | | | | | | | | |
| Nursery raising | | | | | | | | | | | | | |
| Exotic vegetables | | | | | | | | | | | | | |
| Export potential vegetables | | | | | | | | | | | | | |
| Grading and standardization | | | | | | | | | | | | | |
| Protective cultivation | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (a) | | | | | | | | | | | | | |
| **b) Fruits** | | | | | | | | | | | | | |
| Training and Pruning | | | | | | | | | | | | | |
| Layout and Management of Orchards | | | | | | | | | | | | | |
| Cultivation of Fruit | | | | | | | | | | | | | |
| Management of young plants/orchards | | | | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | | | | |
| Export potential fruits | | | | | | | | | | | | | |
| Micro irrigation systems of orchards | | | | | | | | | | | | | |
| Plant propagation techniques | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (b) | | | | | | | | | | | | | |
| **c) Ornamental Plants** | | | | | | | | | | | | | |
| Nursery Management | | | | | | | | | | | | | |
| Management of potted plants | | | | | | | | | | | | | |
| Export potential of ornamental plants | | | | | | | | | | | | | |
| Propagation techniques of Ornamental Plants | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (c) | | | | | | | | | | | | | |
| **d) Plantation crops** | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |

| 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 |
| Others | | | | | | | | | | | | | |
| Total (d) | | | | | | | | | | | | | |
| **e) Tuber crops** | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (e) | | | | | | | | | | | | | |
| **f) Spices** | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (f) | | | | | | | | | | | | | |
| **g) Medicinal and Aromatic Plants** | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Production and management technology | | | | | | | | | | | | | |
| Post harvest technology and value addition | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (g) | | | | | | | | | | | | | |
| Total(a-g) | | | | | | | | | | | | | |
| **III. Soil Health and Fertility Management** | | | | | | | | | | | | | |
| Soil fertility management | | | | | | | | | | | | | |
| Integrated water management | | | | | | | | | | | | | |
| Integrated Nutrient Management | 14 | 98 | 21 | 119 | 88 | 39 | 127 | 100 | 4 | 104 | 286 | 64 | 350 |
| Production and use of organic inputs | | | | | | | | | | | | | |
| Management of Problematic soils | | | | | | | | | | | | | |
| Micro nutrient deficiency in crops | | | | | | | | | | | | | |
| Nutrient Use Efficiency | | | | | | | | | | | | | |
| Balance Use of fertilizer | | | | | | | | | | | | | |
| Soil & water testing | | | | | | | | | | | | | |
| others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **IV. Livestock Production and Management** | | | | | | | | | | | | | |
| Dairy Management | | | | | | | | | | | | | |
| Poultry Management | 1 | 0 | 19 | 19 | 0 | 2 | 2 | 0 | 4 | 4 | 0 | 25 | 25 |
| Piggery Management | | | | | | | | | | | | | |
| Rabbit Management | | | | | | | | | | | | | |
| Animal Nutrition Management | | | | | | | | | | | | | |
| Disease Management | | | | | | | | | | | | | |

| 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 |
| Feed & fodder technologies | 1 | 0 | 22 | 22 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 25 | 25 |
| Production of quality animal products | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **V. Home Science/Women empowerment** | | | | | | | | | | | | | |
| Household food security by kitchen gardening and nutrition gardening | 3 | 0 | 59 | 59 | 0 | 10 | 10 | 0 | 6 | 6 | 0 | 75 | 75 |
| Design and development of low/minimum cost diet | | | | | | | | | | | | | |
| Designing and development for high nutrient efficiency diet | | | | | | | | | | | | | |
| Minimization of nutrient loss in processing | | | | | | | | | | | | | |
| Processing & cooking | | | | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | | | | |
| Storage loss minimization techniques | 1 | 0 | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 25 |
| Value addition | 3 | 0 | 17 | 17 | 0 | 54 | 54 | 0 | 4 | 4 | 0 | 75 | 75 |
| Women empowerment | 3 | 0 | 12 | 12 | 0 | 55 | 55 | 0 | 8 | 8 | 0 | 75 | 75 |
| Location specific drudgery reduction technologies | 1 | 0 | 0 | 0 | 0 | 25 | 25 | 0 | 0 | 0 | 0 | 25 | 25 |
| Rural Crafts | | | | | | | | | | | | | |
| Women and child care | 1 | 0 | 21 | 21 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 25 | 25 |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **VI. Agril. Engineering** | | | | | | | | | | | | | |
| Farm machinery & its maintenance | **4** | **15** | **12** | **27** | **52** | **10** | **62** | **6** | **5** | **11** | **73** | **27** | **100** |
| Installation and maintenance of micro irrigation systems | | | | | | | | | | | | | |
| Use of Plastics in farming practices | **1** | **5** | **3** | **8** | **10** | **4** | **14** | **0** | **3** | **3** | **15** | **10** | **25** |
| Production of small tools and implements | **2** | **15** | **11** | **26** | **11** | **5** | **16** | **5** | **3** | **8** | **31** | **19** | **50** |
| Repair and maintenance of farm machinery and implements | **1** | **7** | **4** | **11** | **4** | **5** | **9** | **0** | **5** | **5** | **11** | **14** | **25** |
| Small scale processing and value addition | **3** | **9** | **15** | **24** | **35** | **6** | **41** | **6** | **4** | **10** | **50** | **25** | **75** |
| Post Harvest Technology | | | | | | | | | | | | | |
| Others | **3** | **10** | **16** | **26** | **17** | **21** | **38** | **3** | **8** | **11** | **30** | **45** | **75** |
| **Total** | **14** | **61** | **61** | **122** | **129** | **51** | **180** | **20** | **28** | **48** | **210** | **140** | **350** |
| **VII. Plant Protection** | | | | | | | | | | | | | |
| Integrated Pest Management | | | | | | | | | | | | | |
| Integrated Disease Management | | | | | | | | | | | | | |
| Bio0control of pests and diseases | | | | | | | | | | | | | |
| Production of bio control agents and bio pesticides | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **VIII. Fisheries** | | | | | | | | | | | | | |
| Integrated fish farming | | | | | | | | | | | | | |

| 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 |
| Carp breeding and hatchery management | | | | | | | | | | | | | |
| Carp fry and fingerling rearing | | | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | | | |
| Hatchery management and culture of freshwater prawn | | | | | | | | | | | | | |
| Breeding and culture of ornamental fishes | | | | | | | | | | | | | |
| Portable plastic carp hatchery | | | | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **IX. Production of Input at site** | | | | | | | | | | | | | |
| Seed Production | | | | | | | | | | | | | |
| Planting material production | | | | | | | | | | | | | |
| Bio-agents production | | | | | | | | | | | | | |
| Bio-pesticides production | | | | | | | | | | | | | |
| Bio-fertilizer production | | | | | | | | | | | | | |
| Vermi-compost production | | | | | | | | | | | | | |
| Organic manures production | | | | | | | | | | | | | |
| Production of fry and fingerlings | | | | | | | | | | | | | |
| Production of Bee-colonies and wax sheets | | | | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | | | | |
| Production of Fish feed | | | | | | | | | | | | | |
| Mushroom production | | | | | | | | | | | | | |
| Apiculture | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **X. Capacity Building and Group Dynamics** | | | | | | | | | | | | | |
| Leadership development | | | | | | | | | | | | | |
| Group dynamics | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | |
| Mobilization of social capital | | | | | | | | | | | | | |
| Entrepreneurial development of farmers/youths | | | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |

| 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 |
| **Total** | | | | | | | | | | | | | |
| **XI. Agro forestry** | | | | | | | | | | | | | |
| Production technologies | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **XII. Others (Pl. Specify)** | | | | | | | | | | | | | |
| **GRAND TOTAL** | 42 | 159 | 257 | 416 | 217 | 238 | 455 | 120 | 59 | 179 | 496 | 554 | 1050 |

## E) RURAL YOUTH (Off Campus)

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Other | | | SC | | | ST | | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Nursery Management of Horticulture crops | | | | | | | | | | | | | |
| Training and pruning of orchards | | | | | | | | | | | | | |
| Protected cultivation of vegetable crops | | | | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | | | | |
| Integrated farming | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | | |
| Planting material production | 1 | 0 | 11 | 11 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 15 | 15 |
| Vermiculture | | | | | | | | | | | | | |
| Mushroom Production | | | | | | | | | | | | | |
| Beekeeping | | | | | | | | | | | | | |
| Sericulture | | | | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | 1 | 3 | 3 | 6 | 4 | 3 | 7 | 1 | 1 | 2 | 8 | 7 | 15 |
| Value addition | | | | | | | | | | | | | |
| Small scale processing | | | | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | | | | |
| Tailoring and Stitching | | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | | | | |
| Dairying | | | | | | | | | | | | | |
| Sheep and goat rearing | | | | | | | | | | | | | |
| Quail farming | | | | | | | | | | | | | |
| Piggery | | | | | | | | | | | | | |
| Rabbit farming | | | | | | | | | | | | | |

| 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 |
| Poultry production | | | | | | | | | | | | | |
| Ornamental fisheries | | | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | | | |
| Freshwater prawn culture | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Cold water fisheries | | | | | | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | | | | | | |
| Fry and fingerling rearing | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | **2** | **3** | **14** | **17** | **4** | **7** | **11** | **1** | **1** | **2** | **8** | **22** | **30** |

## F) Extension Personnel (Off Campus)

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Other | | | SC | | | ST | | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Productivity enhancement in field crops | | | | | | | | | | | | | |
| Integrated Pest Management | | | | | | | | | | | | | |
| Integrated Nutrient management | | | | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | | | | |
| Protected cultivation technology | | | | | | | | | | | | | |
| Production and use of organic inputs | | | | | | | | | | | | | |
| Care and maintenance of farm machinery and implements | | | | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | |
| Women and Child care | | | | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | 1 | 0 | 9 | 9 | 0 | 4 | 4 | 0 | 2 | 2 | 0 | 15 | 15 |
| Group Dynamics and farmers organization | | | | | | | | | | | | | |
| Information networking among farmers | | | | | | | | | | | | | |
| Capacity building for ICT application | | | | | | | | | | | | | |
| Management in farm animals | | | | | | | | | | | | | |
| Livestock feed and fodder production | | | | | | | | | | | | | |
| Household food security | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | |
| **Total** | 1 | 0 | 9 | 9 | 0 | 4 | 4 | 0 | 2 | 2 | 0 | 15 | 15 |

## 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 | | | | | | | | | | | | | |
| Resource Conservation Technologies | | | | | | | | | | | | | |
| Cropping Systems | | | | | | | | | | | | | |
| Crop Diversification | | | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | | | |
| Micro irrigation/irrigation | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Integrated Crop Management | | | | | | | | | | | | | |
| Soil & water conservation | | | | | | | | | | | | | |
| Integrated nutrient Management | | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | |
| **II. Horticulture** | | | | | | | | | | | | | |
| **a) Vegetable Crops** | | | | | | | | | | | | | |
| Production of low volume and high value crops | | | | | | | | | | | | | |
| Off-season vegetables | | | | | | | | | | | | | |
| Nursery raising | | | | | | | | | | | | | |
| Exotic vegetables | | | | | | | | | | | | | |
| Export potential vegetables | | | | | | | | | | | | | |
| Grading and standardization | | | | | | | | | | | | | |
| Protective cultivation | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (a) | | | | | | | | | | | | | |
| **b) Fruits** | | | | | | | | | | | | | |
| Training and Pruning | | | | | | | | | | | | | |
| Layout and Management of Orchards | | | | | | | | | | | | | |
| Cultivation of Fruit | | | | | | | | | | | | | |
| Management of young plants/orchards | | | | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | | | | |
| Export potential fruits | | | | | | | | | | | | | |

| 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 |
| Micro irrigation systems of orchards | | | | | | | | | | | | | |
| Plant propagation techniques | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (b) | | | | | | | | | | | | | |
| **c) Ornamental Plants** | | | | | | | | | | | | | |
| Nursery Management | | | | | | | | | | | | | |
| Management of potted plants | | | | | | | | | | | | | |
| Export potential of ornamental plants | | | | | | | | | | | | | |
| Propagation techniques of Ornamental Plants | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (c) | | | | | | | | | | | | | |
| **d) Plantation crops** | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (d) | | | | | | | | | | | | | |
| **e) Tuber crops** | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (e) | | | | | | | | | | | | | |
| **f) Spices** | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (f) | | | | | | | | | | | | | |
| **g) Medicinal and Aromatic Plants** | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Production and management technology | | | | | | | | | | | | | |
| Post harvest technology and value addition | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| Total (g) | | | | | | | | | | | | | |
| Total(a-g) | | | | | | | | | | | | | |
| **III. Soil Health and Fertility Management** | | | | | | | | | | | | | |
| Soil fertility management | | | | | | | | | | | | | |
| Integrated water management | | | | | | | | | | | | | |

| 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 |
| Integrated Nutrient Management | | | | | | | | | | | | | |
| Production and use of organic inputs | | | | | | | | | | | | | |
| Management of Problematic soils | | | | | | | | | | | | | |
| Micro nutrient deficiency in crops | | | | | | | | | | | | | |
| Nutrient Use Efficiency | | | | | | | | | | | | | |
| Balance Use of fertilizer | | | | | | | | | | | | | |
| Soil & water testing | | | | | | | | | | | | | |
| others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **IV. Livestock Production and Management** | | | | | | | | | | | | | |
| Dairy Management | | | | | | | | | | | | | |
| Poultry Management | 1 | 0 | 19 | 19 | 0 | 2 | 2 | 0 | 4 | 4 | 0 | 25 | 25 |
| Piggery Management | | | | | | | | | | | | | |
| Rabbit Management | | | | | | | | | | | | | |
| Animal Nutrition Management | | | | | | | | | | | | | |
| Disease Management | | | | | | | | | | | | | |
| Feed & fodder technologies | 1 | 0 | 22 | 22 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 25 | 25 |
| Production of quality animal products | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **V. Home Science/Women empowerment** | | | | | | | | | | | | | |
| Household food security by kitchen gardening and nutrition gardening | 3 | 0 | 59 | 59 | 0 | 10 | 10 | 0 | 6 | 6 | 0 | 75 | 75 |
| Design and development of low/minimum cost diet | | | | | | | | | | | | | |
| Designing and development for high nutrient efficiency diet | | | | | | | | | | | | | |
| Minimization of nutrient loss in processing | | | | | | | | | | | | | |
| Processing & cooking | | | | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | | | | |
| Storage loss minimization techniques | 1 | 0 | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 25 |
| Value addition | 3 | 0 | 17 | 17 | 0 | 54 | 54 | 0 | 4 | 4 | 0 | 75 | 75 |
| Women empowerment | 3 | 0 | 12 | 12 | 0 | 55 | 55 | 0 | 8 | 8 | 0 | 75 | 75 |
| Location specific drudgery reduction technologies | 1 | 0 | 0 | 0 | 0 | 25 | 25 | 0 | 0 | 0 | 0 | 25 | 25 |
| Rural Crafts | | | | | | | | | | | | | |
| Women and child care | 1 | 0 | 21 | 21 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 25 | 25 |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **VI. Agril. Engineering** | | | | | | | | | | | | | |

| 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 |
| Farm machinery & its maintenance | 4 | 15 | 12 | 27 | 52 | 10 | 62 | 6 | 5 | 11 | 73 | 27 | 100 |
| Installation and maintenance of micro irrigation systems | 2 | 14 | 0 | 14 | 29 | 0 | 29 | 4 | 3 | 7 | 47 | 3 | 50 |
| Use of Plastics in farming practices | 1 | 5 | 3 | 8 | 10 | 4 | 14 | 0 | 3 | 3 | 15 | 10 | 25 |
| Production of small tools and implements | 2 | 15 | 11 | 26 | 11 | 5 | 16 | 5 | 3 | 8 | 31 | 19 | 50 |
| Repair and maintenance of farm machinery and implements | 1 | 7 | 4 | 11 | 4 | 5 | 9 | 0 | 5 | 5 | 11 | 14 | 25 |
| Small scale processing and value addition | 3 | 9 | 15 | 24 | 35 | 6 | 41 | 6 | 4 | 10 | 50 | 25 | 75 |
| Post Harvest Technology | | | | | | | | | | | | | |
| Others | 3 | 10 | 16 | 26 | 17 | 21 | 38 | 3 | 8 | 11 | 30 | 45 | 75 |
| **Total** | 16 | 75 | 61 | 136 | 158 | 51 | 209 | 24 | 31 | 55 | 257 | 143 | 400 |
| **VII. Plant Protection** | | | | | | | | | | | | | |
| Integrated Pest Management | 4 | 25 | 8 | 33 | 20 | 25 | 45 | 10 | 12 | 22 | 55 | 45 | 100 |
| Integrated Disease Management | 11 | 43 | 27 | 70 | 120 | 55 | 175 | 15 | 15 | 30 | 178 | 97 | 275 |
| Bio0control of pests and diseases | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production of bio control agents and bio pesticides | 2 | 6 | 10 | 16 | 11 | 5 | 16 | 15 | 3 | 18 | 32 | 18 | 50 |
| Others | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | 17 | 74 | 45 | 119 | 151 | 85 | 236 | 40 | 30 | 70 | 265 | 160 | 425 |
| **VIII. Fisheries** | | | | | | | | | | | | | |
| Integrated fish farming | | | | | | | | | | | | | |
| Carp breeding and hatchery management | | | | | | | | | | | | | |
| Carp fry and fingerling rearing | | | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | | | |
| Hatchery management and culture of freshwater prawn | | | | | | | | | | | | | |
| Breeding and culture of ornamental fishes | | | | | | | | | | | | | |
| Portable plastic carp hatchery | | | | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **IX. Production of Input at site** | | | | | | | | | | | | | |
| Seed Production | | | | | | | | | | | | | |
| Planting material production | | | | | | | | | | | | | |
| Bio-agents production | | | | | | | | | | | | | |
| Bio-pesticides production | | | | | | | | | | | | | |

| 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 |
| Bio-fertilizer production | | | | | | | | | | | | | |
| Vermi-compost production | | | | | | | | | | | | | |
| Organic manures production | | | | | | | | | | | | | |
| Production of fry and fingerlings | | | | | | | | | | | | | |
| Production of Bee-colonies and wax sheets | | | | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | | | | |
| Production of Fish feed | | | | | | | | | | | | | |
| Mushroom production | | | | | | | | | | | | | |
| Apiculture | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **X. Capacity Building and Group Dynamics** | | | | | | | | | | | | | |
| Leadership development | | | | | | | | | | | | | |
| Group dynamics | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | |
| Mobilization of social capital | | | | | | | | | | | | | |
| Entrepreneurial development of farmers/youths | | | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **XI. Agro forestry** | | | | | | | | | | | | | |
| Production technologies | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | | | | |
| Others | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **XII. Others (Pl. Specify)** | | | | | | | | | | | | | |
| **GRAND TOTAL** | **47** | **149** | **281** | **430** | **309** | **284** | **593** | **64** | **88** | **152** | **522** | **653** | **1175** |

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

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Other | | | SC | | | ST | | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Nursery Management of Horticulture crops | 1 | 0 | 10 | 10 | 0 | 2 | 2 | 0 | 3 | 3 | 0 | 15 | 15 |

| 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 |
| Training and pruning of orchards | | | | | | | | | | | | | |
| Protected cultivation of vegetable crops | | | | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | | | | |
| Integrated farming | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | | |
| Planting material production | 1 | 0 | 11 | 11 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 15 | 15 |
| Vermiculture | | | | | | | | | | | | | |
| Mushroom Production | | | | | | | | | | | | | |
| Beekeeping | | | | | | | | | | | | | |
| Sericulture | | | | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | **2** | **8** | **3** | **11** | **20** | **3** | **23** | **1** | **1** | **2** | **29** | **7** | **36** |
| Value addition | | | | | | | | | | | | | |
| Small scale processing | | | | | | | | | | | | | |
| Post Harvest Technology | **1** | **4** | **0** | **4** | **11** | **0** | **11** | **0** | **0** | **0** | **15** | **0** | **15** |
| Tailoring and Stitching | | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | | | | |
| Dairying | | | | | | | | | | | | | |
| Sheep and goat rearing | | | | | | | | | | | | | |
| Quail farming | | | | | | | | | | | | | |
| Piggery | | | | | | | | | | | | | |
| Rabbit farming | | | | | | | | | | | | | |
| Poultry production | | | | | | | | | | | | | |
| Ornamental fisheries | | | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | | | |
| Freshwater prawn culture | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Cold water fisheries | | | | | | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | | | | | | |
| Fry and fingerling rearing | | | | | | | | | | | | | |
| Others | **1** | **7** | **0** | **7** | **8** | **0** | **8** | **0** | **0** | **0** | **15** | **0** | **15** |
| **Total** | 6 | 19 | 24 | 43 | 39 | 9 | 48 | 1 | 4 | 5 | 59 | 37 | 96 |

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

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Other | | | SC | | | ST | | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Productivity enhancement in field crops | | | | | | | | | | | | | |
| Integrated Pest Management | | | | | | | | | | | | | |
| Integrated Nutrient management | | | | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | | | | |
| Protected cultivation technology | 1 | 6 | 0 | 6 | 9 | 0 | 9 | 0 | 0 | 0 | 15 | 0 | 15 |
| Production and use of organic inputs | | | | | | | | | | | | | |
| Care and maintenance of farm machinery and implements | | | | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | |
| Women and Child care | | | | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | | | | | | | | | | | | | |
| Group Dynamics and farmers organization | | | | | | | | | | | | | |
| Information networking among farmers | | | | | | | | | | | | | |
| Capacity building for ICT application | | | | | | | | | | | | | |
| Management in farm animals | | | | | | | | | | | | | |
| Livestock feed and fodder production | | | | | | | | | | | | | |
| Household food security | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | |
| **Total** | 1 | 6 | 0 | 6 | 9 | 0 | 9 | 0 | 0 | 0 | 15 | 0 | 15 |

*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 |
| Plant Protection | F&FW | Integrated Pest and Disease Management in Finger Millet | 1 | Off campus | 16 | 9 | 25 | 6 | 7 | 13 |
| Plant Protection | F&FW | Nursery Management in Kharif Rice | 1 | Off campus | 13 | 12 | 25 | 07 | 08 | 15 |
| Plant Protection | F&FW | Importance of bio-pesticides in Agril. Pest management | 1 | Off campus | 18 | 7 | 25 | 4 | 2 | 6 |
| Plant Protection | F&FW | Management of panicle mite in kharif Rice | 1 | Off campus | 19 | 6 | 25 | 19 | 6 | 25 |
| Plant Protection | F&FW | Integrated Disease Management in Kharif chilli | 1 | Off campus | 19 | 6 | 25 | 19 | 6 | 25 |
| Plant Protection | F&FW | Integrated Pest and Disease Management in Finger Millet | 1 | Off campus | 13 | 12 | 25 | 13 | 12 | 25 |
| Plant Protection | F&FW | Integrated Disease Management in Kharif chilli | 1 | Off campus | 11 | 14 | 25 | 11 | 14 | 25 |
| Plant Protection | F&FW | Nursery Management in Kharif Rice | 1 | Off campus | 18 | 7 | 25 | 11 | 7 | 18 |
| Plant Protection | F&FW | Importance of bio-pesticides in Agril. Pest management | 1 | Off campus | 14 | 11 | 25 | 8 | 2 | 10 |
| Plant Protection | F&FW | Integrated diserase management in potato | 1 | Off campus | 20 | 5 | 25 | 12 | 2 | 14 |
| Plant Protection | F&FW | Integrated Disease Management in Onion | 1 | Off campus | 15 | 10 | 25 | 15 | 10 | 25 |
| Plant Protection | F&FW | Integrated nematode management in okra during rabi season | 1 | Off campus | 17 | 8 | 25 | 16 | 5 | 21 |

| 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 |
| Plant Protection | F&FW | Management of fruitfly insect in Bittergourd | 1 | Off campus | 17 | 8 | 25 | 15 | 7 | 22 |
| Plant Protection | F&FW | IPM in summer pulses | 1 | Off campus | 0 | 25 | 25 | 0 | 15 | 15 |
| Plant Protection | F&FW | Integrated diserase management in potato | 1 | Off campus | 18 | 7 | 25 | 8 | 3 | 11 |
| Plant Protection | F&FW | Integrated diserase management in potato | 1 | Off campus | 18 | 7 | 25 | 8 | 3 | 11 |
| Plant Protection | F&FW | IPM in summer pulses | 5 | Off campus | 19 | 6 | 25 | 19 | 6 | 21 |
| Plant Protection | VT | Preparation of botanical pesticides | 5 | Off campus | 15 | 0 | 15 | 4 | 2 | 6 |
| Plant Protection | RY | Importance of neem pesticides & its preparation | 2 | On campus | 10 | 5 | 15 | 8 | 4 | 12 |
| Plant Protection | IS | Strategy for natural farming | 1 | On campus | 9 | 6 | 15 | 7 | 4 | 11 |
| Plant Protection | RY | Bee keeping for income generatiom | 2 | On campus | 12 | 3 | 15 | 4 | 2 | 6 |
| Plant Protection | IS | Integrated disease pest management for sugarcane | 1 | On campus | 16 | 4 | 20 | 1 | 2 | 3 |
| Soil Science | RY | Vermicompost production Technology | 2 | On campus | 20 | - | 20 | 2 | - | 2 |
| Soil Science | F/FW | Sulphur & lime application in kharif Groundnut | 1 | Off campus | 25 | - | 25 | 3 | - | 3 |
| Soil Science | F/FW | Boron application in transplanted rice | 1 | Off Campus | 25 | - | 25 | 20 | - | 20 |
| Soil Science | F/FW | Integrated Nutrient Management in sesamum | 1 | Off campus | 3 | 22 | 25 | 11 | - | 11 |
| Soil Science | F/FW | Effect of lime coating & seed treatment in greengram | 1 | Off campus | 23 | 2 | 25 | 7 | - | 7 |
| Soil Science | F/FW | Effect of boron & zinc in maize | 1 | Off campus | 24 | 1 | 25 | 3 | - | 3 |
| Soil Science | F/FW | Sweet corn for crop diversification with nutrient management practices | 1 | Off campus | 17 | 8 | 25 | 6 | - | 6 |
| Soil Science | F/FW | Nutrient Management in paddy through LCC | 1 | Off Campus | 15 | 10 | 25 | 6 | 4 | 10 |
| Soil Science | F/FW | Application of nano urea liquid fertilizer in transplanted rice | 1 | Off campus | 25 | - | 25 | - | - | - |
| Soil Science | IS | Role of organic farming for soil health management | 1 | On campus | 10 | 5 | 15 | - | - | - |
| Soil Science | F/FW | Effect of seed inoculation of Rhizobium in pulse crops | 1 | Off campus | 22 | 3 | 25 | 4 | - | 4 |
| Soil Science | F/FW | Effect of brown manuring in rice | 1 | Off campus | 25 | - | 25 | 11 | - | 11 |
| Soil Science | RY | Role of nutrients, deficiency & management in soil | 2 | On campus | 20 | - | 20 | 2 | - | 2 |
| Soil Science | IS | Types & management of problem soil in the district | 1 | On campus | 15 | - | 15 | - | - | - |
| Soil Science | RY | Methods of vermicomposting and its advantages | 1 | On campus | - | 20 | 20 | - | 20 | 20 |
| Soil Science | F/FW | Application of microbial consortium for enhancing yield in cabbage | 1 | Off campus | 21 | 4 | 25 | - | - | - |
| Soil Science | F/FW | Boron & Molybdenum application for management of browning & whiptail disease in cauliflower | 1 | Off campus | 25 | - | 25 | - | - | - |
| Soil Science | F/FW | Lime application for management of acid soil | 1 | Off campus | 18 | 7 | 25 | 5 | 4 | 9 |
| Soil Science | F/FW | Consortia biofertilizer application in vegetable crops | 1 | Off campus | 25 | - | 25 | - | - | - |
| Soil Science | RY | Soil health management through Natural Farming | RY | On campus | 11 | 9 | 20 | 9 | 3 | 12 |
| Home Science | F&FW | Improved crop management practices in nutritional garden | 1 | Off Campus | 0 | 25 | 25 | 0 | 9 | 9 |
| Home Science | F&FW | Paddy straw mushroom cultivation from crumpled straw | 1 | Off Campus | 0 | 25 | 25 | 0 | 25 | 25 |
| Home Science | F&FW | Raising of vegetable seedlings in nursery | 1 | Off Campus | 0 | 25 | 25 | 0 | 2 | 2 |

| 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 |
| Home Science | F&FW | Storage techniques of greengram | 1 | Off Campus | 0 | 25 | 25 | 0 | 0 | 0 |
| Home Science | F&FW | Value added products of fingermillet | 1 | Off Campus | 0 | 25 | 25 | 0 | 25 | 25 |
| Home Science | RY | Self employment through commercial floriculture | 1 | On Campus | 0 | 15 | 15 | 0 | 5 | 5 |
| Home Science | F&FW | Production Techniques & feeding practices of super napier fodder | 1 | Off Campus | 0 | 25 | 25 | 0 | 3 | 3 |
| Home Science | F&FW | Improved crop management practices in cow pea for more profit | 1 | Off Campus | 0 | 25 | 25 | 0 | 5 | 5 |
| Home Science | F&FW | Early childhood care for farm women | 1 | Off Campus | 0 | 25 | 25 | 0 | 4 | 4 |
| Home Science | F&FW | Self employment through fruit & vegetable processing | 1 | Off Campus | 0 | 25 | 25 | 0 | 25 | 25 |
| Home Science | F&FW | Use of women friendly tools for drudgery reduction | 1 | Off Campus | 0 | 25 | 25 | 0 | 25 | 25 |
| Home Science | IS | Formulation of low cost nutrient rich weaning food | 1 | Off Campus | 0 | 15 | 15 | 0 | 6 | 6 |
| Home Science | F&FW | Scientific method of oyster mushroom cultivation | 2 | Off Campus | 0 | 50 | 50 | 0 | 36 | 36 |
| Home Science | RY | Self-employment through seedling production | 2 | Off Campus | 0 | 15 | 15 | 0 | 4 | 4 |
| Home Science | F&FW | Rearing management of quails | | Off Campus | | | | | | |
| Home Science | F& FW | Value addition of tomato | 1 | Off Campus | 0 | 25 | 25 | 0 | 8 | 8 |
| AG.ENGG | F/FW | Use of Bullock Drawn implement for labour saving | 1 | Off Campus | 16 | 9 | 25 | 10 | 5 | 15 |
| AG.ENGG | F/FW | Use of improved machineries for rice cultivation | 1 | Off Campus | 8 | 7 | 25 | 12 | 6 | 18 |
| AG.ENGG | F/FW | Direct seeded Rice Cultivation | 1 | Off Campus | 23 | 2 | 25 | 10 | 6 | 16 |
| AG.ENGG | F/FW | Mat type nursery preparation of Paddy for Mechanical transplanting | 1 | Off Campus | 0 | 25 | 25 | 10 | 0 | 10 |
| AG.ENGG | F/FW | Use of mechanical weeder in rice | 1 | Off Campus | 7 | 18 | 25 | 15 | 5 | 20 |
| AG.ENGG | F/FW | Use of tractor drawn seed cum fertilizer drill for sowing different crops | 1 | Off Campus | 15 | 10 | 25 | 15 | 0 | 15 |
| AG.ENGG | F/FW | Use of Solar Dryer | 1 | Off Campus | 15 | 10 | 25 | 13 | 0 | 13 |
| AG.ENGG | F/FW | Utility of mulching in vegetable | 1 | Off Campus | 25 | 0 | 25 | 10 | 6 | 16 |
| AG.ENGG | F/FW | Micro-irrigation its importance, advantage and utility maintainance | 1 | ON Campus | 19 | 6 | 25 | 11 | 4 | 15 |
| AG.ENGG | F/FW | Use of Bullock Drawn implement for labour saving | 1 | Off Campus | 22 | 3 | 25 | 9 | 1 | 10 |
| AG.ENGG | F/FW | Use of Sprinkler irrigation, advantage, maintainance | 1 | Off Campus | 25 | 0 | 25 | 14 | 1 | 15 |
| AG.ENGG | F/FW | Use of different transplanter | 1 | Off Campus | 25 | 0 | 25 | 15 | 5 | 20 |
| AG.ENGG | F/FW | Use of mini dal mill | 1 | Off Campus | 24 | 1 | 25 | 20 | 2 | 22 |
| AG.ENGG | F/FW | Value addition of tomato | 1 | Off Campus | 16 | 9 | 25 | 20 | 1 | 21 |
| AG.ENGG | F/FW | Use of Different types of threshers | 1 | Off Campus | 25 | 0 | 25 | 18 | 2 | 20 |
| AG.ENGG | F/FW | Value addition of Ragi | 1 | Off Campus | 0 | 25 | 25 | 11 | 4 | 15 |
| AG.ENGG | F/FW | Drudgery Reducing Small farm implements | 1 | Off Campus | 0 | 25 | 25 | 12 | 4 | 16 |
| AG.ENGG | IS | Precision Farming | 1 | ON Campus | 15 | 0 | 15 | 10 | 0 | 10 |
| AG.ENGG | VT | Operation and maintainace of tractor | 5 | ON Campus | 15 | 0 | 15 | 10 | 0 | 10 |
| AG.ENGG | RY | Importance of custom hiring center | 2 | ON Campus | 15 | 0 | 15 | 10 | 0 | 10 |
| AG.ENGG | RY | Operation and maintainance of paddy transplanter | 2 | Off Campus | 15 | 0 | 15 | 10 | 0 | 10 |
| AG.ENGG | RY | Value addition in different commodities | 2 | ON Campus | 21 | 0 | 21 | 10 | 0 | 15 |

## H) Vocational training programmes for Rural Youth

a) Details of training programmes for Rural Youth

| Crop / Enterprise | Identified Thrust Area | Training title* | Duration (days) | No. of Participants | | | Self employed after training | | | Number of persons employed else where |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Male | Female | Total | Type of units | Number of units | Number of persons employed | |
| Mushroom production | Income generating activities | Income generation through mushroom farming | 5 | 0 | 10 | 10 | Thatched mushroom production unit | 7 | 7 | 2 |
| Poultry | Income generating activities small poultry unit | Rearing management of improved poultry | 5 | 0 | 10 | 10 | small poultry unit | 6 | 6 | 3 |
| | Production of bio control agents and bio pesticides | Preparation of botanical pesticides | 5 | 15 | 0 | 15 | Small botanical preparation unit | 13 | 13 | 2 |

*training title should specify the major technology /skill transferred

b) Details of participation

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | **Grand Total** | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Other** | | | **SC** | | | **ST** | | | | | |
| | | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| **Crop production and management** | | | | | | | | | | | | | |
| Commercial floriculture | | | | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | | | | |
| Commercial vegetable production | | | | | | | | | | | | | |
| Integrated crop management | | | | | | | | | | | | | |
| Organic farming | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **Post harvest technology and value addition** | | | | | | | | | | | | | |
| Value addition | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **Livestock and fisheries** | | | | | | | | | | | | | |
| Dairy farming | | | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | | | |
| Sheep and goat rearing | | | | | | | | | | | | | |
| Piggery | | | | | | | | | | | | | |
| Poultry farming | 1 | 0 | 0 | 0 | 0 | 15 | 15 | 0 | 0 | 0 | 0 | 15 | 15 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **Income generation activities** | | | | | | | | | | | | | |
| Vermicomposting | | | | | | | | | | | | | |
| Production of bioagents, biopesticides, | 1` | 10 | 0 | 10 | 4 | 0 | 0 | 1 | 0 | 1 | 15 | 0 | 15 |
| biofertilizers etc. | | | | | | | | | | | | | |
| Repair and maintenance of farm machinery & imlements | | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | |
| Sericulture | | | | | | | | | | | | | |
| Mushroom cultivation | 1 | 0 | 9 | 9 | 0 | 4 | 4 | 0 | 2 | 2 | 0 | 15 | 15 |
| Nursery, grafting etc. | | | | | | | | | | | | | |
| Tailoring, stitching, embroidery, dying etc. | | | | | | | | | | | | | |
| Agril. Para-workers, para-vet training | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **Agricultural Extension** | | | | | | | | | | | | | |
| Capacity building and group dynamics | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **Grand Total** | | | | | | | | | | | | | |

## I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

| Sl.No | Title | Thematic area | Month | Duration (days) | Client | No. of courses | No. of participants | Sponsoring Agency |
|---|---|---|---|---|---|---|---|---|
| | | | | | PF/RY/EF | | | |
| | | | | | | | | |

b) Details of participation

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | **Grand Total** | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Other** | | | **SC** | | | **ST** | | | | | |
| | | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| **Crop production and management** | | | | | | | | | | | | | |
| Increasing production and productivity of crops | | | | | | | | | | | | | |
| Commercial production of vegetables | | | | | | | | | | | | | |
| Production and value addition | | | | | | | | | | | | | |
| Fruit Plants | | | | | | | | | | | | | |
| Ornamental plants | | | | | | | | | | | | | |
| Spices crops | | | | | | | | | | | | | |
| Soil health and fertility management | | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Production of Inputs at site | | | | | | | | | | | | | |
| Methods of protective cultivation | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | |
| **Post harvest technology and value addition** | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | |
| **Farm machinery** | | | | | | | | | | | | | |
| Farm machinery, tools and implements | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | |
| **Livestock and fisheries** | | | | | | | | | | | | | |
| Livestock production and management | | | | | | | | | | | | | |
| Animal Nutrition Management | | | | | | | | | | | | | |
| Animal Disease Management | | | | | | | | | | | | | |
| Fisheries Nutrition | | | | | | | | | | | | | |
| Fisheries Management | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | |
| **Home Science** | | | | | | | | | | | | | |
| Household nutritional security | | | | | | | | | | | | | |
| Economic empowerment of women | | | | | | | | | | | | | |
| Drudgery reduction of women | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | |
| **Agricultural Extension** | | | | | | | | | | | | | |
| Capacity Building and Group Dynamics | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | |
| **Total** | | | | | | | | | | | | | |
| **Grant 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 | 8 | 180 | 70 | 250 | 35 | 5 | 3 | 8 | 185 | 73 | 258 |
| Kisan Mela | 1 | 76 | 24 | 100 | 22 | 5 | 1 | 6 | 81 | 25 | 106 |
| Kisan Ghosthi | 2 | 30 | 0 | 30 | 30 | 2 | 0 | 2 | 32 | 0 | 32 |
| Exhibition | 4 | 5385 | 2415 | 7800 | 21 | 94 | 58 | 152 | 5479 | 2473 | 7952 |
| Film Show | 24 | 409 | 175 | 584 | 22 | 12 | 4 | 16 | 421 | 191 | 600 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Method Demonstrations | 16 | 109 | 39 | 148 | 11 | 9 | 3 | 12 | 118 | 42 | 160 |
| Farmers Seminar | | | | | | | | | | | |
| Workshop | 2 | 36 | 44 | 80 | 14 | 18 | 2 | 20 | 54 | 46 | 100 |
| Group meetings | 22 | 292 | 83 | 377 | 21 | 39 | 19 | 58 | 331 | 102 | 433 |
| Lectures delivered as resource persons | 18 | 314 | 136 | 450 | 18 | 18 | 6 | 24 | 332 | 142 | 474 |
| Advisory Services | 48 | 177 | 62 | 239 | 21 | 9 | 3 | 12 | 185 | 73 | 251 |
| Scientific visit to farmers field | 235 | 1533 | 453 | 1986 | 29 | 82 | 44 | 126 | 1615 | 497 | 2112 |
| Farmers visit to KVK | 620 | 388 | 232 | 620 | 33 | - | - | - | 388 | 232 | 620 |
| Diagnostic visits | 68 | 396 | 71 | 467 | 17 | 39 | 6 | 45 | 435 | 77 | 512 |
| Exposure visits | | | | | | | | | | | |
| Ex-trainees Sammelan | 2 | 40 | 7 | 47 | 14 | 2 | 1 | 3 | 42 | 8 | 50 |
| Soil health Camp | | | | | | | | | | | |
| Animal Health Camp | 1 | 25 | 15 | 40 | 40 | 1 | 0 | 1 | 25 | 15 | 40 |
| Agri mobile clinic | | | | | | | | | | | |
| Soil test campaigns | | | | | | | | | | | |
| Farm Science Club Conveners meet | 14 | 154 | 34 | 188 | 16 | 6 | 2 | 8 | 160 | 36 | 196 |
| Self Help Group Conveners meetings | 12 | 0 | 172 | 172 | 13 | 2 | 6 | 8 | 2 | 178 | 180 |
| Mahila Mandals Conveners meetings | | | | | | | | | | | |
| Celebration of important days (specify) | 7 | 229 | 108 | 337 | 15 | 9 | 4 | 13 | 238 | 112 | 350 |
| Sankalp Se Siddhi | | | | | | | | | | | |
| Swatchta Hi Sewa | | | | | | | | | | | |
| Mahila Kisan Divas | 1 | 0 | 50 | 50 | 16 | 1 | 0 | 1 | 1 | 50 | 51 |
| Any Other (Specify) | | | | | | | | | | | |
| Total | **1105** | **9773** | **4190** | **13965** | **408** | **353** | **162** | **515** | **10124** | **4372** | **14477** |

B. Other Extension activities

| Nature of Extension Activity | No. of activities |
|---|---|
| Newspaper coverage | 8 |
| Radio talks | 16 |
| TV talks | |
| Popular articles | 2 |
| Extension Literature | 4 |
| Other, if any | |

Good quality photographs of Extension activity:

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

***Village seed***

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

*KVK farm*

| Crop | Variety | Quantity of seed (q) | Value (Rs) | Number of farmers to whom seed provided | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | SC | | ST | | Other | | Total | |
| | | | | M | F | M | F | M | F | M | F |
| Paddy (Kharif) | Lalat (FS)- 2ha | 60 | At seed processing unit, OSSC | | | | | | | | |
| | Hasanta (FS)- 3ha | 90 | At kvk godown, bargarh | | | | | | | | |
| | Hasanta (CS)- 1ha | 30 | At kvk godown, bargarh | | | | | | | | |
| Paddy (Rabi) | Bina dhan-11 (FS)- 2ha | Crop at field stage 30 days crop | | | | | | | | | |
| Grand Total | | | | | | | | | | | |

Good quality photographs of seed production:

**Production of planting materials by the KVKs**

| Crop | Variety | No. of planting materials | Value (Rs) | Number of farmers to whom planting material provided | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | SC | | ST | | Other | | Total | |
| | | | | M | F | M | F | M | F | M | F |
| **Vegetable seedlings** | | | | | | | | | | | |
| Tomato | A. Apekhya and A. vishes | 10000 | 25000 | 10 | | | | 35 | | 45 | |
| Brinjal | Ananda, PPL, PPR | 5200 | 13000 | 6 | | | | 10 | | 16 | |
| Chilli | Tejaswi | 6000 | 15000 | | 12 | | 10 | | | | 22 |
| Capsicum | California wonder | 4000 | 10000 | 7 | | | | 10 | | 17 | |
| Onion | Agrifound Dark Red | 100000 | 50000 | 8 | 2 | | 6 | 4 | | 15 | 23 |
| Papaya | Red lady | 500 | 12500 | 30 | | | | 12 | | 42 | |
| Cauliflower | Kashi kuwanri | 3000 | 7500 | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fruits** | | | | | | | | | | | |
| Mango | Baiganpalli, Mallika, Langra, Desi | 575 kg | 11500 | | | | | Auction sale | Baiganpalli, Mallika, Langra, Desi | 575 kg | 11500 |
| Guava | | | | | | | | | | | |
| Lime | | | | | | | | | | | |
| Papaya | | | | | | | | | | | |
| Banana | | | | | | | | | | | |
| Others | | | | | | | | | | | |
| Ornamental plants | | | | | | | | | | | |
| Medicinal and Aromatic | | | | | | | | | | | |
| Plantation | | | | | | | | | | | |
| Spices | | | | | | | | | | | |
| Turmeric | | | | | | | | | | | |
| Tuber | | | | | | | | | | | |
| Elephant yams | | | | | | | | | | | |
| Fodder crop saplings | | | | | | | | | | | |
| Forest Species | | | | | | | | | | | |
| Others, pl. specify | | | | | | | | | | | |
| Total | | | | | | | | | | | |

Good quality photographs of planting materials:

**Production of Bio-Products**

| Name of product | Quantity Kg | Value (Rs.) | No. of Farmers benefitted | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | SC | | ST | | Other | | Total | |
| | | | M | F | M | F | M | F | M | F |
| Bio-fertilizers | | | | | | | | | | |
| Bio-pesticide | | | | | | | | | | |
| Bio-fungicide | | | | | | | | | | |
| Bio-agents | | | | | | | | | | |
| Others, please specify. | | | | | | | | | | |
| Vermicompost var. *E. foetida* | 30q | 60000 | | | | | | | | |
| Vermin | 20kg | 10000 | 10 | | | | | | | |
| Mushroom spawn (*V.volvacea & P. Sajorcaju)* | 2000 | 32000 | 0 | 52 | 0 | 18 | 12 | 48 | 82 | 48 |
| Total | | | | | | | | | | |

Good quality photographs of bio-products:

Production of livestock materials

| Particulars of Live stock | Name of the breed | Number | Value (Rs.) | No. of Farmers benefitted | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | SC | | ST | | Other | | Total | |
| | | | | M | F | M | F | M | F | M | F |
| Dairy animals | | | | | | | | | | | |
| Cows | | | | | | | | | | | |
| Buffaloes | | | | | | | | | | | |
| Calves | | | | | | | | | | | |
| Others (Pl. specify) | | | | | | | | | | | |
| Small ruminants | | | | | | | | | | | |
| Sheep | | | | | | | | | | | |
| Goat | | | | | | | | | | | |
| Other, please specify | | | | | | | | | | | |
| Poultry | | | | | | | | | | | |
| Broilers | | | | | | | | | | | |
| Layers | | | | | | | | | | | |
| Duals (broiler and layer) | Kaveri | 300 | 15000 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 15 |
| Japanese Quail | Japanese Quail | 300 | 6300 | 0 | 6 | 0 | 0 | 0 | 4 | 0 | 10 |
| 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 | | | | | | | | | | | |

Good quality photographs of livestock and fisheries:

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

i) Name of Seed Hub Centre:

| | |
|---|---|
| Name of Nodal Officer : | Mr. N. C. Barik |
| Address : | KVK, Gambharipali, Bargarh |
| e-mail : | Kvkbargarh.ouat@gmail.com |
| Phone No. :Mobile : | 09437414979 |

ii) Quality Seed Production Reports

| Season | Crop | Variety | Production (q) | | | |
|---|---|---|---|---|---|---|
| | | | Target | Area sown (ha) | Production | Category of Seed (F/S, C/S) |
| Kharif 2023 | Arhar | Amaravati | 100 | 5 | 14 | CS |
| Rabi 2023-2024 | Green gram | Virat | 100 | 10 | 22.4 | CS |
| | | | | | | |
| Kharif 2024 | Arhar | Amaravati | 100 | 5 | 14 | CS |
| | | | | | | |
| | | | | | | |

iii) Financial Progress

| Fund received (2020-21, 2021-22, 2022-23 and 2023-24) | Expenditure (Rs. in lakhs) | | Unspent balance (Rs. in lakhs) | Remarks |
|---|---|---|---|---|
| | Infrastructure | Revolving fund | | |
| 2020-21 | - | 216189 | 533171 | |
| 2021-22 | - | 243582 | 576148 | |
| 2022-23 | - | 280575 | 614575 | |
| 2023-24 | | 123885 | 571057 | |

iv) Infrastructure Development

| Item | Progress |
|---|---|
| Seed processing unit | Completed and registered |
| Seed storage structure | |

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

| Item | Title | Author's name | Number | Circulation |
|---|---|---|---|---|
| Research paper | Effect of Nano urea liquid fertilizer application in paddy under different agroclimatic zones of Odishaa | Mr. R. D Behera, SMS (Soil Sc.)<br>Mr.N.C.Barik,SS&H,KVK,Bargarh<br>Mrs. S. Sahu, Scientist(H. Sc),<br>Mrs. S. Biswal , SMS (Ag.Engg.)<br>Mr. D. jena, Prog. asst. (Seed sc.)<br>Mrs. P. Mohanty (Farm Manager), KVK, Bargarh | | |
| | Influence of Natural farming practices in different crops at west central table land zone of odisha | Mr. R. D Behera, SMS (Soil Sc.)<br>Mr.N.C.Barik,SS&H,KVK,Bargarh<br>Mrs. S. Sahu, Scientist(H. Sc),<br>Mrs. S. Biswal , SMS (Ag.Engg.)<br>Mr. D. jena, Prog. asst. (Seed sc.)<br>Mrs. P. Mohanty (Farm Manager), KVK, Bargarh | | |
| Seminar/conference/ symposia papers | Influence of Nutrient management practices on fingermillety in laterite soils of Odisha | Mr. R. D Behera, SMS (Soil Sc.)<br>Mr.N.C.Barik,SS&H,KVK,Bargarh<br>Mrs. S. Sahu, Scientist(H. Sc),<br>Mrs. S. Biswal , SMS (Ag.Engg.)<br>Mr. D. jena, Prog. asst. (Seed sc.)Mrs. P. Mohanty (Farm Manager), KVK, Bargarh | | |
| Books | | | | |
| Bulletins | Jaibika Chasira ra upojogita | Mr. R. D Behera, SMS (Soil Sc.)<br>Mr.N.C.Barik,SS&H,KVK,Bargarh<br>Mrs. S. Sahu, Scientist(H. Sc),<br>Mrs. S. Biswal , SMS (Ag.Engg.)<br>Mr. D. jena, Prog. asst. (Seed sc.),<br>Mrs. P. Mohanty (Farm Manager), KVK, Bargarh | 500 | 490 |
| | Unnat pranalire Sorisha Chasa | Mr.N.C.Barik,SS&H,KVK,Bargarh<br>Mrs. S. Sahu, Scientist(H. Sc),<br>Mr. R. D Behera, SMS (Soil Sc.)<br>Mrs. S. Biswal , SMS (Ag.Engg.)<br>Mr. D. jena, Prog. asst. (Seed sc.),<br>Mrs. P. Mohanty (Farm Manager), KVK, Bargarh | 500 | 490 |
| News letter | Dhanushree | All staff | 1000 | 990 |
| Popular Articles | A trellies system for climbing plants & its different management practices | Mr. R. D Behera, SMS (Soil Sc.)<br>Mr.N.C.Barik,SS&H,KVK,Bargarh<br>Mrs. S. Sahu, Scientist(H. Sc),<br>Mrs. S. Biswal , SMS (Ag.Engg.)<br>Mr. D. jena, Prog. asst. (Seed sc.Mrs. P. Mohanty (Farm Manager), KVK, Bargarh | | |
| Book Chapter | | | | |

| Item | Title | Author's name | Number | Circulation |
|---|---|---|---|---|
| Extension Pamphlets/ literature | | | | |
| Technical reports | Annual Progress Report 2023 | All staff | 10 | 9 |
| | Action plan 2024 | All staff | 10 | 9 |
| Electronic Publication (CD/DVD etc.) | | | | |
| 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 | Natural farming | Rahul Dev Behera, SMS(Soil Sc.) | 14.6.24 (One day) | Manage, Hydrabad |
| 2. | International Conference | Building small holder climate resilience for achieving sustainable food system | Rahul Dev Behera, SMS(Soil Sc.) | 17-19.9.24 (Three days) | OUAT |
| 3. | Refresher Training | Trainers' Training Programme on Promotion of Agri-Entrepreneurship among rural women | Mrs. Susrita Sahu Scientist ( Home Science) | 27.03.24 & 28.03.24 (Two Days) | CCS & DEE, OUAT, BBSR |
| 4. | Workshop | Zonal Workshop of KVKS | Mr.N.C.Barik,SS&H,KVK,Bargarh | 27.09.24- 29.09.24 (Three Days) | ATARI,kolkata |
| 5. | Training cum exposure visit | Natural farming | Mr.N.C.Barik, SS&H,KVK,Bargarh | 14.5.24-18.05.24 (Five days) | Manage, Hyderabad |
| 6. | Refresher Training | Refresher Training Programme for Scientist and SMS | Mrs. Sanghamitra Biswal, SMS (Ag. Engg) | 27.03.24 & 28.09.24 (Two Days) | DEE, OUAT, BBSR |

**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 | Sri Shyamghana Padhan |
| Address | At- Baragada, Block- Bargarh, Dist- Bargarh |
| Contact details (Phone, mobile, email Id) | Mobile No.- 7008091143 |
| Landholding (in ha.) | 8.6 |
| Name and description of the farm/ enterprise | • Sri ShyamghanaPadhanis a young diligent farmer.<br>• He is growing Vegetables for last 6 years for his livelihood using chemical fert.&chemical. and getting very less profit .<br>• Since last two years he was depressed due to more expenses towards poor market price fromvegetables due to multiple diseases wilt and downy mildew. |

| | |
|---|---|
| | So he contacted KVK, Bargarh for getting rid out of the problem.<br>• KVK, Scientists suggested him to go for preparation of Beejamrut,Jeevamrut and botanicals using cow urine,cow dung etc.and follow natural farming practices with local Brinjal like Charpallia.<br>• He was supplied with plastic drums and trained at KVK for preparing different inputs.<br>Local Var. Charpalliasoil application with Ghanajeevamrut@ 5q/acre, Seed treatmentwithBeejamrut,spraying of Jeevamrut@10ml/lit at 30,45 DAS&Neemastra@5ml/lit at 60&75 DAS |
| Economic impact | • He could able to harvest 50.3qtl. of Brinjal out of 1.0acre of land.<br>• By selling it @ Rs.10 /kg he earned a net profit of Rs.30000/ha with a BC ratio of 2.3<br>It also helped him to reduce the financial loss in use of chemicals. |
| Social impact | • The attractive shining colored fruits and storage life without shrinkage attracted more consumer in the market.<br>Looking to the demand of natural inputs he started selling Jeevamrut&Neemastra at Rs 20/lit .Presently he has started a commercial unit producing 200litres/week. |
| Environmental impact | This helps to control the environmental pollution caused by the use of chemical pesticide in Brinjal .The color of the fruits changed shining . |
| Horizontal/ Vertical spread | His achievements have influenced more farmers of his village and the surrounding areas towards natural farming.. He has also providing handhold support to the interested farmers. |
| Good quality photographs (2-3) |      |

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

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

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

| Sl. No. | Crop / Enterprise | ITK Practiced | Purpose of ITK |
|---|---|---|---|
| 1 | paddy | Planting of Karada (cleistanthus collinus) twigs in paddy field | For controlling pests like leaf folder & case worm |

b. Give details of organic farming practiced by the farmer

| Sl. No. | Crop / Enterprise | Area (ha)/ No. covered | Production | No. of farmers involved | Market available (Y/N) |
|---|---|---|---|---|---|
| 1 | Paddy | 212 | 6470q | 286 | Y |
| 2 | Pulse | 324 | 1296q | 562 | Y |
| 3 | Vegetable | 258 | 20640q | 1330 | Y |

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

| Sl. No. | Brief details of the tool/ methodology followed | Purpose for which the tool was followed |
|---|---|---|
| 1 | PRA, Survey, Group meetings, Farmers scientist interaction, Field visit, SAC meeting | To identify the problem of Farmers & Farm women |
| 2 | Field visit, Query redressal, Diagnostic field visit , Whatsapp group | To sort out the constraints faced by Rural Youths |
| 3 | Strategy meeting of Line departments , Discussion during R-E linkage meeting &bi-weekly meeting | To upgrade the knowledge of In-service Personnel |

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

| Sl. No | Name of the Equipment | Qty. |
|---|---|---|
| 01 | MridaParikshyakSoilTestingKit (Minilab) | 1 |
| | | |

3.11.b. Details of samples analyzed so far :

| Number of soil samples analyzed | | | No. of Farmers | No. of Villages | Amount realized (in Rs.) |
|---|---|---|---|---|---|
| Through mini soil testing kit/labs | Through soil testing laboratory | Total | | | |
| 400 | 0 | 400 | 400 | 13 | |
| | | | | | |

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

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 |
|---|---|---|---|
| Demonstration of women friendly tools for drudgery reduction | 1 | 40 | Demonstration of paddy drum seeder |
| Awareness camp on Seed treatment | 1 | 30 | Seed treatment with seed treating chemicals |
| Kisan mela | 1 | Mass | Creating awareness on new Technologies |
| Awareness on importance of fingermillet | 1 | 25 | Value added products of fingermillets |
| Awareness Campaign on e- Pshuchikitsa through CSC | 1 | 62 | Procedure for Problem redressal through CSC |
| Awareness on Soil test | 1 | 40 | Collection &testing of soil sample |

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

| No of student trained | No of days stayed |
|---|---|
| 1 | 120days |

| 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 |
|---|---|---|
| 30.01.24 | Dr. Sarbani Das, JDE, DEE, OUAT | SAC meeting |
| 30.01.24 | Dr. Kalyan Sundar Das, Principal Scientist, ICAR_ATARI, Kolkata | SAC meeting |
| 20.05.24 | Prof. P. J. Mishra, Dean, DEE, OUAT | KVK Visit |
| 25.11.24 | Prof. P. J. Mishra, Dean, DEE, OUAT | SAC meeting |

## 4. IMPACT

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

| Name of specific technology/skill transferred | No. of participants | % of adoption | Change in income (Rs.) | |
|---|---|---|---|---|
| | | | Before (Rs./Unit) | After (Rs./Unit) |
| Seed treatment with Carboxin37.5%+Thiram 37.5% @ 2 gm / kg followed by spraying of Isoprothiolone 40EC@1.5ml/ for controlling neck blast disease in paddy | 3400 | 91 | 12500/ha | 28700/ha |
| Application of STBF (150:50:60)+ seed treatment with Arka Microbial Consortium @10gm/100gm seed +soil application with 5kg AMC mixed with 500kg FYM in cauliflower | 510 | 87 | 91350/ha | 104430/ha |
| One spary of 2 % urea and one spray of 1 % urea + 1 % MgSo4 during flowering to boll development stage in cotton for higher yield | 225 | 89 | 39000/ha | 44600/ha |
| Demonstration of Power operated Finger millet thresher for drudgery reduction of Farmwomen | 1200 | 72 | 7 k.g/hr | 75.5 k.g/hr |
| Value added products from fingermillet | 250 | 76 | 4200/months | 6500/months |

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 |
| Popularisation of sesamum var.Kalinga sesamum 1 | 8 villages of 2 blocks |

| | |
|---|---|
| Name of farmer | Sj. Jilla Padhan, S/O- Sj. Dambaru Padhan<br>At- Satidarha, Bl-Bhatli, Dist- Bargarh |
| Address | S/O- Sj. Dambaru Padhan<br>At- Satidarha, Bl-Bhatli, Dist- Bargarh |
| Contact details (Phone, mobile, email Id) | 9178127737 |
| Landholding (in ha.) | 1.6 |
| Name and description of the farm/ enterprise | He is practicing rice cultivation in his four-acre land during Kharif and vegetables during rabi season. But he is experiencing several challenges in his agricultural practices during kharif season due to the cessation of rainfall by end of September, less grains per panicle and grazing problems caused by domestic animals. These issues have forced him to leave one acre of his land fallow. As a result, he was unable to earn a good return from his entire land.<br>One day during a training programme of KVK at his village, the farmer was suggested to adopt sesamum crop in kharif which could potentially address his problems.<br>He took up sesamum in 0.4 ha. land during kharif 2024-25. He was supplied with sesamum seed var. Kalinga sesamum 1 from KVK. He followed Line sowing behind plough 30 cm x 10 cm, Seed treatment with Vitavax Power @ 2.5 gm/kg seed, |

| | |
|---|---|
| | STBF, Application of Phospho-Gypsum @ 2.5Q/Ha. Spraying of Indoxacarb 14.5 SC @ 1ml/liter of water, Spraying of Carbendazim 12 % % plus Mancozeb 63 % @ 3 gm /Lit of water. He has also kept clean the plot himself after weeding twice manually.<br>KVK scientists visited his field at regular interval & suggested him to follow the time-to-time necessary agricultural practices. |
| Economic impact | He reaped a very good crop that he had never seen before and harvested 274 kg of seed from 0.4-hectare land. He sold 120 kg of seeds to other farmers @Rs80/kg, earns a marginable profit of Rs. as well as used the sticks for fuel purpose. He is happy with the additional income from barren land. He is now able to buy a television for amusement of his family |
| Social impact | He has started selling of the sesamum seeds to the interested farmers of local community |
| Environmental impact | Barren land can be effectively used with sesasmum cultivation as it has the advantage of germinating in low soil moisture, making it more resilient during periods of water scarcity caused by low rainfall. Additionally, its strong odour acts as a natural deterrent to grazing animals, monkeys, and birds, which could help mitigate the damage caused by these animals in his fields |
| Horizontal/ Vertical spread | Hard labour with following timely agricultural practices by adopting a good quality improved sesamum variety has brought success for him.<br>Inspired by his success,farmers of the 8 nearby villages have also shown their interest towards sesamum cultivation . |
| Good quality photographs (2-3) |      |

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

| Sl. No. | Brief details of technology | Impact of the technology in subjective terms | Impact of the technology in objective terms |
|---|---|---|---|
| 1 | Seed treatment of onion 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 | Effectively controlled purple blotch | Increase in yield by 58.27 % |
| 2 | STD(50:20:25) + FYM @ 5 t/ha + S-21 kg/ha + Znso4-25kg/ha + B-1kg/ha Azotobactor seed inoculation in sesamum | More oil content | Increase in yield by 10.2% |
| 3 | Cultivation of yard long bean Var. Arka mangala<br>seed rate-15 k.g/ha, Spacing 50cm. X 30 cm | Comparatively more weight & length of yard long bean | Increase in yield by 18.8% |
| 4 | Transplanting done by 6 row paddy transplanter | Time and money is saved as labour requirement is less. | Output is enhanced from 0.007 to 0.15 ac/hr |
| 5 | Rearing of Quail birds- (Space requirqment- – 200 sq. cm/bird, Feeding management) | High value of egg & meat due to its medicinal value | Egg production has been increased from 94 to 243 no. |

4.4. Details of innovations recorded by the KVK

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

4.5. Details of entrepreneurship development

| Entrepreneurship development | |
|---|---|
| Name of the enterprise | Farm Mechanisation |
| Name & complete address of the entrepreneur | Mr. Siba prasad Khamari<br>At/P.O- Remenda<br>Dist-Bargarh |
| Role of KVK with quantitative data support: | Siba Prasad Khamari, a dedicated farmer<br>He has always been keen on improving the efficiency of his agricultural practices.<br>Initially, he started with basic farm machinery like a tractor and rotavator to address the growing labor shortage, reduce the physical strain and speed up farm work.<br>Later observing the challenges in labour problem during paddy transplanting & harvesting, he contacted KVK for more specialized equipment.<br>KVK suggested him to buy the paddy transplanter and combine paddy harvester as these machines could significantly improve the efficiency. |

| | |
|---|---|
| | He has trained on mat type nursery raising through KVK<br>He has also advised to go for paddy baler to collect the straw for feed & bio-disel plant.<br>In last year he has bought a drone with the suggestion of KVK for applying fertilizer, herbicides & pesticides. |
| Timeline of the entrepreneurship development | 2020-21- He bought combine harvester<br>2021-22- He bought self-propelled paddy transplanter<br>2022-23- He bought automatic rice nursery sowing machine<br>2023-24- He brought Paddy baler<br>2024-25-. He brought drone for spraying of pesticides |
| Technical Components of the Enterprise | combine harvester, self-propelled paddy transplanter, automatic rice nursery sowing machine, Paddy baler, drone |
| Status of entrepreneur before and after the enterprise | Earlier He used to get a net profit of Rs.12000/ month with the help of tractor & rotavator by saving the labour cost & custom hiring basis. After getting technical guidance from KVK, he is earning a net profit of Rs. 46000/- per month by using combine harvester, self-propelled paddy transplanter, automatic rice nursery sowing machine, Paddy baler, drone . |
| Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. ( Economic viability of the enterprise): | He is very popular for his farm machineries in Baragarh district. He is not only able to resolve the labour scarcity of his own requirements but also earn a good profit by providing the machineries on custom hiring basis. . For his contribution towards farm mechanization, he has been awarded by various Institutes. He has now given employment opportunity to four peoples. |
| Horizontal spread of enterprise | He is now acting as a resourceful modern farmer for other trainings organised by NGOs.<br>Inspired by his success, many farmers are now showing their interest towards establishing agro-entrepreneurship through farm-mechanization |

4.6. Any other initiative taken by the KVK

## 5. LINKAGES

5.1. Functional linkage with different organizations

| Name of organization | Nature of linkage |
|---|---|
| ICAR-IIHR, Bengaluru | Supplying vegetable seeds to KVK |
| ICAR-NRRI, Cuttack | Agro advisory services, contigent planning, providing improved paddy seeds |
| ICAR-CHES, BBSR | Supply of pineapple suckers |
| ICAR-CIWA, BBSR | Popularization of women friendly tools |
| AICRP on Floriculture | Supply of Tuberose Bulbs & Marigold seedlings |
| Dept. of Agriculture, Bargarh | Creating awareness Campaign on Soil Health and safe use of pesticides, collaborative celebration of special days, ,Resource Person for HRD training |
| Dept. of Horticulture, Bargarh | Resource Person for HRD training, Inspection of nurseries |
| Animal Resources Dept. Bargarh | Participated in Dist. Level Animal Exhibition& Animal health camp |
| Dept. of Fishery, Bargarh | Joint field visit, Departmental training prog. at KVK |

| | |
|---|---|
| Watershed Mission | Participated in Meeting & Exhibition organized by the Watershed Dept. |
| Dept. of women & Child Development & Mission Shakti, BBSR | Capacity Building of women SHGs Developed under Mission Shakti |
| District Administration, Bargarh | For taking up initiative measures to control pest &disease incidence in the district |
| Odisha state seed corporation, Bargarh | Production of foundation & certified seed of paddy & Pulses |
| All India Radio,Sambalpur | Participation in Farm & Home programme, SAC meeting, Radio talks |

5.2. List of special programmes undertaken during 2024 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.) |
|---|---|---|---|---|
| Demo unit | Construction & repair of demo unit | - | ICAR | 3,50,000 |

(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.) |
|---|---|---|---|---|
| ATMA, Bargarh | Farmer-Scientist Interaction | 22.10.24 & 23.10.24 | ATMA | 20,000 |

## 6. 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. | Mushroom demo unit | | | V. volvacea& P. sajorcaju | Mushroom | 100 | 4500 | 7500 | publicsale |
| | 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 | |
| | | | | | | | | | |

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 | |
| | | | | | |

6.4. 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. | | | | | | | |

6.5Utilization of hostel facilities

Accommodation available (No. of beds)-25

| Months | No. of trainees stayed | Trainee days (days stayed) | Reason for short fall (if any) |
|---|---|---|---|
| November | 15 | 7 | |
| Total : | | | |

(For whole of the year)

6.6Utilization of staff quarters

Whether staff quarters has been completed: Yes Only One

No. of staffsquarters: One, Date of completion: 2002

Occupancy details:

| **Months** | **Q I** | **QII** | **Q III** | **QIV** | **Q V** | **QVI** |
|---|---|---|---|---|---|---|
| Jan.2024 -Nov.2024 | N. | | | | | |

## 7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

| **Bank account** | **Name of the bank** | **Location** | **Account Number** |
|---|---|---|---|
| Contingency (ICAR Funding) | State bank of India | Godbhaga | 10777584215 |
| Revolving fund | State bank of India | Godbhaga | 30163765041 |
| Seed hub | State bank of India | Kadobahal | 36026592693 |
| ATMA (Other than ICAR Funding) | State bank of India | Godbhaga | 39378025653 |
| CFLD Oilseeds | State bank of India | Godbhaga | 41603817820 |
| CFLD Pulses | State bank of India | Kadobahal | 42009894337 |
| Natural Farming | State bank of India | Kadobahal | 42009750848 |
| Skill Dev. Training Programme | State bank of India | Godbhaga | 42622050226 |
| RPL/Up-Scalling | State bank of India | Godbhaga | 42622048398 |

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

| Item | Released by ICAR | | Expenditure | | Unspent balance as on - |
|---|---|---|---|---|---|
| | Kharif | Rabi | Kharif | Rabi | |
| | | | | | |

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

| Item | Released by ICAR | | Expenditure | | Unspent balance as on 1st April 2024 |
|---|---|---|---|---|---|
| | Kharif | Rabi | Kharif | Rabi | |
| | | | | | |

7.4 Utilization of KVK funds during the year 2024 (April - December 2024)

| Sl. No. | Items / Head | Sanctioned grant (Council's share) | Opening Balance on 01.04.2022 | Grant received (Council's share) | Expenditure (Council's share) | Variation | | Reason for variation |
|---|---|---|---|---|---|---|---|---|
| | | | | | | (+)Saving | (-)Saving | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| **A. RECURRING CONTINGENCIES** | | | | | | | | |
| 1. | Pay and allowances | **-** | | **-** | **-** | - | | |
| 2. | Travelling allowances | **150000** | | **75000** | **75000** | | | |
| 3. | HRD | **30000** | **21839** | **15000** | **15000** | | | |
| 4. | **Contingencies** | **850,000** | | **361800** | **361800** | | | |
| a. | Stationary, telephone, postage & other exp. on office running publication of newsletters | 400000 | | 200000 | | | | |
| b. | POLs, repair of vehicles, tractor &equipments | | | | | | | |
| c. | Meals / refreshment for residential and non-residential training | 225000 | | 112500 | | | | |
| d. | Training materials (need based material and equipments for conducting the training) | | | | | | | |
| e. | Frontline Demonstration | 113000 | | 56500 | | | | |
| f. | On-farm testing (on need-based location specific and newly generated information of the major production systems of the area) | 112000 | | 55000 | | | | |
| g. | Integrated Farming system (IFS) | **-** | | | | | | |
| h. | Training of Extension functionaries | **-** | | | | | | |
| i. | Extension Activities | **-** | | | | | | |
| j. | Farmers' Field School | **-** | | | | | | |
| k. | EDP / Innovative activities | **-** | | | | | | |
| l. | Soil & Water testing & issue of soil Health cards | **-** | | | | | | |
| m. | Display Board0 | **-** | | | | | | |
| n. | Maintenance of buildings | - | | | | | | |
| o. | SCSP | 1000000 | | 483000 | **483000** | | | |
| | **Total (A)** | | | | **934800** | | | |
| **B. NON-RECURRING CONTINGENCIES** | | | | | | | | |
| 1 | Equipment's & Furniture | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Procurement of Tractor | | | | | | | |
| | Equipment's & Furniture | | | | | | | |
| | Information Technology | | | | | | | |
| 2 | Works | **350000** | | | | | | |
| | Bore Well | | | | | | | |
| 3 | Vehicle | | | | | | | |
| 4 | Library (purchase of assets like books & journals back volume) | **10,000** | | | | | | |
| | **Total (B)** | **360000** | | | | | | |
| | **TOTAL (A+B+C)** | **2390000** | | | **934800** | | | |

Utilization of KVK funds during the year 2023 (1.4.2023 to 31.03.2024)

| Sl. No. | Items / Head | Sanctioned grant (Council's share) | Opening Balance on 01.04.2023 | Grant received (Council's share) | Expenditure (Council's share) | Variation | | Reason for variation |
|---|---|---|---|---|---|---|---|---|
| | | | | | | (+) Saving | (-) Saving | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7(4+5)-6 | 8 | 9 |
| **A. RECURRING CONTINGENCIES** | | | | | | | | |
| 1. | Pay and allowances | **110,45,565** | 11,50,432 | **98,95,133** | **110,45,565** | 0 | | |
| 2. | Travelling allowances | **1,50,000** | 431 | **1,49,569** | **1,50,000** | 0 | | |
| 3. | HRD | **30,000** | 24,000 | **6,000** | **8,161** | 21,839 | | |
| 4. | **Contingencies** | **10,00,000** | 14,092 | **9,85,908** | **10,00,000** | 0 | | |
| a. | Stationary, telephone, postage & other exp. on office running publication of newsletters | 4,60,000 | | 4,60,000 | 4,60,000 | 0 | | |
| b. | POLs, repair of vehicles, tractor & equipments | | | | | | | |
| c. | Meals / refreshment for residential and non-residential training | 2,70,000 | | 2,70,000 | 2,70,000 | 0 | | |
| d. | Training materials (need based material and equipments for conducting the training) | | | | | | | |
| e. | Frontline Demonstration | 1,35,000 | | 1,35,000 | 1,35,000 | 0 | | |
| f. | On-farm testing (on need-based location specific and newly generated information of the major production systems of the area) | 1,35,000 | | 1,35,000 | 1,35,000 | 0 | | |
| g. | Integrated Farming system | - | | - | | | | |
| h. | Training of Extension functionaries | - | | - | | | | |
| i. | Extension Activities | - | | - | | | | |
| j. | Farmers' Field School | - | | - | | | | |
| k. | EDP / Innovative activities | - | | - | | | | |
| l. | Soil & Water testing & issue of soil Health cards | - | | - | | | | |
| m. | Display Board0 | - | | - | | | | |
| n. | Maintenance of buildings | - | | - | | | | |
| o. | SCSP | **15,99,500** | 1,44,592 | **14,54,908** | **15,99,500** | 0 | | |
| | **Total (A)** | **1,38,25,065** | **13,33,547** | **1,24,91,518** | **1,38,03,226** | **21,839** | | |
| **B. NON-RECURRING CONTINGENCIES** | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | Equipment's & Furniture | | | | | | | |
| | a) Procurement of Tractor | | | | | | | |
| | b) Equipment's & Furniture | 1,00,000 | 3,618 | 1,00,000 | 1,00,000 | 0 | | |
| | c) Information Technology | | | | | | | |
| 2 | Works (Boundary wall) | | | | | | | |
| | Bore Well | | | | | | | |
| 3 | Vehicle | | | | | | | |
| 4 | Library | 10,000 | 0 | 10,000 | 10,000 | 0 | | |
| | **Total (B)** | **1,10,000** | **3,618** | **1,10,000** | **1,10,000** | 0 | | |
| | **TOTAL (A+B+C)** | **1,39,35,065** | **13,37,165** | **1,25,97,900** | **1,39,13,226** | **21,839** | | |

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

| Year | Opening balance as on 1st April | Income during the year | Expenditure during the year | Net balance in hand as on 1st April of each year (Kind + cash) |
|---|---|---|---|---|
| 2015-16 | 0.22 | 17.21 | 14.84 | 2.46 |
| 2016-17 | 2.46 | 2.30 | 5.16 | 0 |
| 2017-18 | 0 | 4.20 | 6.84 | 2.64 |
| 2018-19 | 2.64 | 9.53 | 6.56 + 5.0 (Profit Deposit to DEE, OUAT) = 11.56 | 0.61 |
| 2019-20 | 0.61 | 5.71 | 5.56 | 0.26 |
| 2020-21 | 0.26 | 10.26 | 4.20 + 4.50 (Profit Deposit to DEE, OUAT) = 8.90 | 1.72 |
| 2021-22 | 1.72 | 6.73 | 4.15 + 2.5 (Profit Deposit to DEE, OUAT) = 6.65 | 1.98 |
| 2022-23 | 1.98 | 4.13 | 5.49(Profit Deposit to DEE, OUAT) = 0.50 | 0.12 |
| 2023-24 | 0.12 | 12.55 | 10.78 (Profit Deposit to DEE, OUAT) = 6.50 | 1.89 |
| 2024-25 | 1.89 | | | |

7.6. (i) Number of SHGs formed by KVKs-
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities-
Mushroom production, Use of gender friendly farm tools, value added products from rice, fingermillet& vegetables. Duckery, poultry, Dairy management, vermicompost production, vegetable cultivation,

(iii) Details of marketing channels created for the SHGs- Marketing of vegetables has been channelized to Sambalpur, Jharasugarh& Bhubaneswar market &paddy straw mushroom to near byBargarh&Attabira NAC market

7.7. Joint activity carried out with line departments and ATMA

| Name of activity | Number of activity | Season | With line department | With ATMA | With both |
|---|---|---|---|---|---|
| Research-Extension linkage meeting | 8 | Kharif & Rabi | - | - | Both |
| Celebration of special days (Krishak Diwas, World Food Day, Women in Agriculture Day, Mahila Kisan Divas, y etc.) | 6 | Kharif & Rabi | - | - | Both |
| Field visit | 58 | Kharif & Rabi | - | - | Both |
| Dist. Level Farmers Fair | 2 | Rabi | - | - | Both |
| Dist. Strategy meeting | 2 | Kharif & Rabi | - | - | Both |

8. Other information

8.1. Prevalent diseases in Crops

| Name of the disease | Crop | Date of outbreak | Area affected (in ha) | % Commodity loss | Preventive measures taken for area (in ha) |
|---|---|---|---|---|---|
| Aphids | Mustard | 19.12.24 | 300 | 8.5 | Spraying of neem pesticides |
| | | | | | |

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) |
|---|---|---|---|---|---|
| Foot & mouth disease | Local young calves | 25.11.2022 | 11 | 450 | - |
| | | | | | |

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

| Type of message | No. of messages | No. of farmers covered |
|---|---|---|
| Crop | 24 | 118145 |
| Livestock | 2 | - |
| Fishery | 1 | - |
| Weather | | - |
| Marketing | | - |
| Awareness | 4 | 118145 |
| Training information | | - |
| Other | 1 | 118145 |
| **Total** | **32** | **118145** |

9.4. *KVK* Portal and Mobile App

| Sl. No. | Particulars | Description |
|---|---|---|
| 1. | No. of visitors visited the portal | |
| 2. | No. of farmers registered in the portal | 118145 |
| 3. | Mobile Apps developed by KVK | |
| 4. | Name of the App | |
| 5. | Language of the App | |
| 6. | Meant for crop/ livestock/ fishery/ others | |
| 7. | No. of times downloaded | |

9.5. a. Observation of Swachh Bharat Programme

| **Date/ Duration of Observation** | **Activities undertaken** |
|---|---|
| 17.09.24 | Recyling of agro-waste into vermicompost at KVK campus |
| 18.09.24 | Awareness prog.With Dept. of Ag. at village Bora |
| 19.09.24 | Promotion of Natural farming among farmers at KVK campus |
| 20.09.24 | Weed removal from crop cafeteria at KVK campus |
| 21.09.24 | Awareness prog.With Dept. of Ag. at village Satidhara |
| 23.09.24 | Creating awareness among farm women on at village Bargaon |
| 24.09.24 | Promotion of natural farming among farmer at village Brahmanipali |
| 25.09.24 | Awareness prog.With Dept. of Ag. at FBargarh |
| 26.09.24 | Cleaning of village road at village Brahmanipali |
| 27.09.24 | Cleaning of mango orchard at KVK Campus |
| 30..09.24 | Removal of waste water from Biofloc and ornamental Fish unit |
| 31.09.24 | Weed removal from nutritional garden unit at KVK campus |
| 01.10.24 | Cleaning of poultry and duckery unit at KVK campus |

b. Details of Swachhta activities with expenditure

| Activities | Number | Expenditure (in Rs.) |
|---|---|---|
| 1. Digitization of office records/ e-office | 5 | - |
| 2. Basic maintenance | 48 | 1900 |
| 3. Sanitation and SBM | 52 | 3400 |
| 4. Cleaning and beautification of surrounding areas | 24 | 2500 |
| 5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste | 8 | 1400 |
| 6. Used water for agriculture/ horticulture application | 14 | 500 |
| 7. Swachhta Awareness at local level | 17 | 1200 |
| 8. Swachhta Workshops | 1 | 600 |
| 9. Swachhta Pledge | 1 | 500 |
| 10. Display and Banner | 2 | 300 |
| 11. Foster healthy competition | 1 | 200 |
| 12. Involvement of print and electronic media | 1 | |
| 13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village) | 350 | 3500 |
| 14.No of Staff members involved in the activities | 10 | - |
| 15. No of VIP/VVIPs involved in the activities | 534 | 16000 |
| 16. Any other specific activity (in details) | | |
| **Total** | 534 | 16000 |

9.6. Observation of National Science day

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

9.7. Programme with Seema Suraksha Bal/ BSF

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

9.8. Agriculture Knowledge in rural school

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

Give good quality 1-2 photograph(s)

9.9. Details of '*Pre-Rabi Campaign'* / '*Pre-Kharif Campaign'* Programme

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

Please provide good quality photographs:

9.10. Details of Swachhta Hi Suraksha/ Swachhta Pakhwada programme organized

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

Please provide good quality photographs:

9.11. Details of Mahila Kisan Divas programme organized

| Sl.No. | Activity | No. of villages Involved | No. of Participants | No. of VIPs | Name (s) of VIP(s) |
|---|---|---|---|---|---|
| 15.10.24 | • Promoting SHG activity<br>• Distribution of Mushroom spawn<br>• Felicitation to best Farm women | 1 | 50 | - | - |

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

| **Sl.No.** | **Name of Farmer** | **Address of the farmer with contact no.** | **Innovation/ Leading in enterprise** |
|---|---|---|---|
| 1 | Mr. Rakesh Barik | Badipali, Bhatli, 6370460758 | Vegetable |
| 2 | Sri.Shyamaghana Padhan | Baragada ,Baragarh7809389860 | Natural Farming |
| 3 | Sri jayanta Sahoo | Nuagarh, Bhatli9348374402 | Mango rchard |
| 4 | Sri Jaya kumar Behera | Remenda, Bheden,8327734630 | Poultry |
| 5 | Sri Hrushikesh Padhan | Baragaon, Bargarh, 7873206375 | vermicompost |
| 6 | Sri Gokul Barik | Gurkhapai, Attabira, 6371351282 | vegetable |
| 7 | Sri Susanta Naik | Barapali, Baragarh9337564041 | Fishery |
| 8 | Sri Balgopal Bhoi | Bhoitikra, Barapali7008141461 | Farm Machinaries |
| 9 | Smt. Urmila Purohit | Nileipali, Attabira, 6372206063 | Mushroom |
| 10 | Smt. Laxmipriya Biswal | Gaislet,Umrad, 7609018938 | Poultry rearing |

9.13. Revenue generation

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

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

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK

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

9.16. Contingent crop planning

| 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 | Bargarh | IPM | 2 | 285 | Proper spraying techniques & drainage of standing water for BPH management in paddy |
| | | CRP | 6 | 300 | Gap filling should be done to compensate poor germination of paddy seedlings due to early seasondrought |
| | | ICM | 2 | 175 | Promotion of Green manuring in paddy to increase water holding capacity through FYM |
| | | INM | 3 | 110 | Foliar Sparying of Boron in cauliflower to avoid cracking |
| | | IWM | 2 | 105 | Spraying of 1% kaolinite clay to restrict transpiration loss in green gram & blackgram |
| | | HOF | 1 | 32 | Application of Paclobutrazol after pruning in Mango to induce flowering |

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

a) Year:

b) Introduction / General Information:

| | Title | Objective | Treatment details | Date of sowing | Replication | Result with photographs |
|---|---|---|---|---|---|---|
| Experiment 1 | | | | | | |
| Experiment 2 | | | | | | |
| Experiment 3 | | | | | | |
| … | | | | | | |
| .. | | | | | | |
| Others (If any) | | | | | | |

Please provide good quality photographs:

11. Details of DAPST/ TSP

a. Achievements of physical output under TSP during 2024

**Progress of DAPST for the year 2024 (Jan. to Dec., 2024)**

| *Sl.No.* | *Item/Activity* | | *Units* | *Targets/Achievements* | | *No. of Beneficiaries* | |
|---|---|---|---|---|---|---|---|
| | | | | *Annual Targets* | *Achievements* | *Annual Targets* | *Achievements* |
| 1 | **Trainings (Capacity building/ Skill Development etc.)** | | No. | | | | |
| | 1.1 | 1-3 days | No. | | | | |
| | 1.2 | 4-10 days | No. | | | | |
| | 1.3 | 2-4 weeks | No. | | | | |
| | 1.4 | More than 4 weeks | No. | | | | |
| 2 | **On Farm Trials (OFTs)** | | No. | | | | |
| 3 | **Front Line Demonstrations (FLDs) and other demonstrations** | | No. | | | | |
| 4 | **Awareness camps, exposure visits etc.** | | No. | | | | |
| 5 | **Input Distribution** | | | | | | |
| | 5.1 | Seeds (Field Crops) | Tonnes | | | | |
| | 5.2 | Seeds (High Value Crops, spices etc.) | kg | | | | |
| | 5.3 | Seeds (Root & Tuber Crops) | tonnes | | | | |
| | 5.4 | Nursery plants | No. | | | | |
| | 5.5 | Cutting , slips, suckers, etc | No. | | | | |
| | 5.6 | Mushroom Spawns/ Bio-Fertilizers (in Packets) | Packets | | | | |
| | 5.7 | Honey Bee Colonies | No. | | | | |
| | 5.8 | Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.) | No. | | | | |
| | 5.9 | Animals-small (pig, sheep, goat etc.) | No. | | | | |
| | 5.1 | Poultry chicks / duckling etc | No. | | | | |
| | 5.11 | Fish Spawns/ fingerlings | No. | | | | |
| | 5.12 | Small equipment's (upto Rs 2000) | No. | | | | |
| | 5.13 | Medium Equipment's/ machinery (upto Rs 25000) | No. | | | | |
| | 5.14 | Large Equipment's / machinery (> Rs. 25000) | No. | | | | |
| | 5.15 | Infrastructure / Civil Works/ Ponds etc | No. | | | | |
| | 5.16 | Setting up plant nursery/ seed farm/ hatchery | No. | | | | |
| | 5.17 | Land development/ Reclamation / Conservation | hectares | | | | |
| | 5.18 | Fertilizers (NPK)/ Secondary fertilizers | tonnes | | | | |
| | 5.19 | Micro nutrients | tonnes | | | | |
| | 5.2 | FYM/ Vermicompost | tonnes | | | | |
| | 5.21 | Soil amendments (Gypsum, lime etc.) | tonnes | | | | |
| | 5.22 | Plant protection chemicals | kg | | | | |
| | 5.23 | Plant growth Promoter | kg | | | | |
| | 5.24 | Animal Feed | tonnes | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 5.25 | Animal Fodder | tonnes | | | | |
| | 5.26 | Animal medicines | doses | | | | |
| | 5.27 | Any other (Liquid PSB etc.) | Litre | | | | |
| 6 | **Services/Facilitation** | | | | | | |
| | 6.1 | Animal Health Camps | No. | | | | |
| | 6.2 | Artificial Insemination / Vaccination | No. | | | | |
| | 6.3 | Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc) | No. | | | | |
| | 6.4 | Testing samples of Soil, plant, water, feed, fodder and livestock | No. | | | | |
| | 6.5 | Promotion of agri-entrepreneurship | No. | | | | |
| | 6.6 | Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc | No. | | | | |
| | 6.7 | Creation of market links of farm produces | No. | | | | |
| | 6.8 | Use of Institute Facilities (Processing etc.) (in Hours) | Hours | | | | |
| | 6.9 | Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary) | No. | | | | |
| 7 | **Distribution of Literature** | | No. | | | | |
| **8** | **Employment generation for livelihood** | | (Man-months) | | | | |
| **9** | **Fellowship, Stipends or Scholarship** | | No. | | | | |
| **10** | **Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable** | | No. of projects | | | | |
| **11** | **Monitoring & Evaluation of DAPSC/ST (upto 3%)** | | | | | | |
| **12** | **Any other (specify)** | | | | | | |

b. Fund received under TSP in 2024-25 (Rs. In lakh):

12. Details of DAPSC/ SCSP

a. Achievements of physical output under SCSP during 2024

**Progress of DAPSC for the year 2024 (Jan. to Dec., 2024)**

| ***Sl.No.*** | ***Item/Activity*** | | ***Units*** | ***Targets/Achievements*** | | ***No. of Beneficiaries*** | |
|---|---|---|---|---|---|---|---|
| | | | | ***Annual Targets*** | ***Achievements*** | ***Annual Targets*** | ***Achievements*** |
| 1 | **Trainings (Capacity building/ Skill Development etc.)** | | No. | | | | |
| | 1.1 | 1-3 days | No. | 32 | 32 | 800 | 800 |
| | 1.2 | 4-10 days | No. | 4 | 4 | 120 | 120 |
| | 1.3 | 2-4 weeks | No. | | | | |
| | 1.4 | More than 4 weeks | No. | | | | |
| 2 | **On Farm Trials (OFTs)** | | No. | 4 | 4 | 28 | 28 |
| 3 | **Front Line Demonstrations (FLDs) and other demonstrations** | | No. | 12 | 12 | 120 | 120 |
| 4 | **Awareness camps, exposure visits etc.** | | No. | 8 | 8 | 240 | 240 |
| 5 | **Input Distribution** | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 5.1 | Seeds (Field Crops) | Tonnes | 4 | 4 | 800 | 800 |
| | 5.2 | Seeds (High Value Crops, spices etc.) | kg | 50 | 50 | 200 | 200 |
| | 5.3 | Seeds (Root & Tuber Crops) | tonnes | 0.5 | 0.5 | 60 | 60 |
| | 5.4 | Nursery plants | No. | 50000 | 50000 | 240 | 240 |
| | 5.5 | Cutting , slips, suckers, etc | No. | 5000 | 5000 | 50 | 50 |
| | 5.6 | Mushroom Spawns/ Bio-Fertilizers (in Packets) | Packets | 2000 | 2000 | 40 | 40 |
| | 5.7 | Honey Bee Colonies | No. | 5 | 5 | 5 | 5 |
| | 5.8 | Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.) | No. | | | | |
| | 5.9 | Animals-small (pig, sheep, goat etc.) | No. | | | | |
| | 5.1 | Poultry chicks / duckling etc | No. | 1000 | 1000 | 50 | 50 |
| | 5.11 | Fish Spawns/ fingerlings | No. | 10000 | 10000 | 50 | 50 |
| | 5.12 | Small equipment's (upto Rs 2000) | No. | 200 | 200 | 100 | 100 |
| | 5.13 | Medium Equipment's/ machinery (upto Rs 25000) | No. | 20 | 20 | 20 | 20 |
| | 5.14 | Large Equipment's / machinery (> Rs. 25000) | No. | 1 | 1 | 1 | 1 |
| | 5.15 | Infrastructure / Civil Works/ Ponds etc | No. | | | | |
| | 5.16 | Setting up plant nursery/ seed farm/ hatchery | No. | 12 | 12 | 12 | 12 |
| | 5.17 | Land development/ Reclamation / Conservation | hectares | 24 | 24 | 48 | 48 |
| | 5.18 | Fertilizers (NPK)/ Secondary fertilizers | tonnes | 0.5 | 0.5 | 20 | 20 |
| | 5.19 | Micro nutrients | tonnes | 2 | 2 | 100 | 100 |
| | 5.2 | FYM/ Vermicompost | tonnes | 1 | 1 | 50 | 50 |
| | 5.21 | Soil amendments (Gypsum, lime etc.) | tonnes | 20 | 20 | 20 | 20 |
| | 5.22 | Plant protection chemicals | kg | 500 | 500 | 100 | 100 |
| | 5.23 | Plant growth Promoter | kg | 100 | 100 | 40 | 40 |
| | 5.24 | Animal Feed | tonnes | 0.1 | 0.1 | 20 | 20 |
| | 5.25 | Animal Fodder | tonnes | 1 | 1 | 20 | 20 |
| | 5.26 | Animal medicines | doses | 200 | 0 | 50 | 50 |
| | 5.27 | Any other (Liquid PSB etc.) | Litre | | | | |
| 6 | **Services/Facilitation** | | | | | | |
| | 6.1 | Animal Health Camps | No. | 2 | 2 | 100 | 100 |
| | 6.2 | Artificial Insemination / Vaccination | No. | 200 | 200 | 200 | 200 |
| | 6.3 | Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc) | No. | | | | |
| | 6.4 | Testing samples of Soil, plant, water, feed, fodder and livestock | No. | 100 | 100 | 300 | 300 |
| | 6.5 | Promotion of agri-entrepreneurship | No. | 24 | 24 | 24 | 24 |
| | 6.6 | Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc | No. | 100 | 100 | 100 | 100 |
| | 6.7 | Creation of market links of farm produces | No. | 20 | 20 | 20 | 20 |
| | 6.8 | Use of Institute Facilities (Processing etc.) (in Hours) | Hours | 200 | 200 | 100 | 100 |
| | 6.9 | Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary) | No. | | | | |
| 7 | **Distribution of Literature** | | No. | 2000 | 2000 | 2000 | 2000 |

| | | | | | | |
|---|---|---|---|---|---|---|
| **8** | **Employment generation for livelihood** | (Man-months) | 2000 | 2000 | 2000 | 2000 |
| **9** | **Fellowship, Stipends or Scholarship** | No. | 1 | 1 | 1 | 1 |
| **10** | **Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable** | No. of projects | **4** | **0** | 100 | 100 |
| **11** | **Monitoring & Evaluation of DAPSC/ST (upto 3%)** | | | | | |
| **12** | **Any other (specify)** | | | | | |

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

13. Progress report of NICRA KVK (Technology Demonstration component) during the period
(Applicable for KVKs identified under NICRA)

Natural Resource Management

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

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

Capacity building

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

Extension activities

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

Detailed report should be provided in the circulated Performa
Technology (ies) popularized/ scaled up during the year

a)
b)
c)

14. 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 Milk Producer | Hrushikesha Padhan | 2024 | OMFED, Bargaon | - | Milk Production |
| 2 | Best Natural Farmer | Shyamaghana Padhan | 2024 | OUAT, BBSR | - | Natural farming practices |
| | | | | | | |

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

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

| Sl. No. | Name of the organization/ Society | Trust Deed No.& date | Date of Trust Registration Address | Proposed Activity | Commodity Identified | No. of Members | Financial position (Rupees in lakh) | Success indicator |
|---|---|---|---|---|---|---|---|---|
| 1 | Rajib Lochan FPCL | 01/ Bargarh/05.01.22 | 05.01.22 | Seed, Pestcides, Bio-fertilisers | Paddy, Vermicompost | 750 | | organic products |
| 2 | Vir Surendra sai FPCL | 02/ Bargarh/05.12.21 | 05.12.2021 | Seed, Pestcides, Bio-fertilisers Oil extraction | Paddy, Groundnut, sunflower, Mustard | 972 | 35,00,000 | Marketing of the value added products |
| | | | | | | | | |

2. 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 |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

3. Information on Visit of Ministers to KVKs, if any (Please provide good quality photographs)

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

4. a) Information on ASCI Skill Development Training Programme, if undertaken during 2024

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

(Please provide good quality photographs)

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

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

5. Information on NARI Project (if applicable)

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

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

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

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

| | | |
|---|---|---|
|  |  |  |
| Training for Farmers & Farm women | Training for Rural youth | Training for Extension personel |
|  |  |  |
| **PM KISSAN PROGRAMME2024** | **JALSHAKTI ABHIYAN-2023** | **PM KISSAN PROGRAMME2024** |

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<tr>
<td colspan="3">Awareness camp on PM KUSUM Programme</td>
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<tr>
<td>Village rally on Swachhata</td>
<td>Awareness among villagers on swachhata</td>
<td>Awareness among school students on swachhata</td>
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**Sapling distribution for Ek ped Maa ke Nam**

ପରିବେଶ ସନ୍ତୁଳନ ରକ୍ଷା ପାଇଁ ଗଛ, ଜଙ୍ଗଲର ଆବଶ୍ୟକତା ରହିଛି

କୃଷକଙ୍କୁ ଡାକା ବକ୍ତବ୍ୟ କରାଯାଉଛି ।

**Creating Mass Awareness through Loal newspaper for Ek ped Maa ke Nam**

**Plantation programme by the President, State Farmers society**

Collaborative training programmes with HORT. Dept


**Awraeness camp on Renewable Energey**


Capacity building training programmes for FPOS




**Awareness camp on services through Common Service Centres**


**Diagnostic field visit to Dhanicha Field**


**Diagnostic field visit to Ginger field**


**Diagnostic field visit to Stem borer affected field**

| | | |
|---|---|---|
|  |  |  |
| **Diagnostic field visit to watermelon field** | **Diagnostic field visit to Ground nut field** | **Diagnostic field visit to Nutritional Garden** |
|  |  |  |
| **Convergence activities with IRRI-Bayer** | **Demonstration of DSR with Bayer Rice Var. Dhani 8433DT** | **Radio Talk** |

| | | |
|---|---|---|
|  |  |  |
| **Farmers from Chattisgarh Agri. Dept. on Exposure visit** | **Students from CA of Bhubaneswar &cuttack visited under KUS** | **Visit of Prof. P. J. Mishra, Dean, Directorate of Extension Education, OUAT ,BHUBANESWAR** |

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