**ANNUAL REPORT-2022 (January-December 2022)**

1. GENERAL INFORMATION ABOUT THE KVK

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

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Telephone | | E mail |
| KrishiVigyan Kendra, Nuapada infront of Bus stand Nuapada, At./Po.- Nuapada, Dist. Nuapada-766105 | 06678225103 |  | [kvknuapada.ouat@gmail.com](mailto:kvknuapada.ouat@gmail.com/)  kvk.nuapada@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 and Technology  Bhubaneswar-751003. | 0674-  2397362 | 0674-  2397933 | [dee@ouat.ac.in/](mailto:dee@ouat.ac.in/)  [deanextension\_ouat@rediffmail.com/](mailto:deanextension_ouat@rediffmail.com/)  [deanextensionouat@yahoo.com](mailto:deanextensionouat@yahoo.com) |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Telephone / Contact | | |
|  | Residence | Mobile | Email |
| Dr. Saswati Pattanaik | 7008456563 | 7008456563 | [saswatipattanaik77@gmail.com](mailto:saswatipattanaik77@gmail.com) |

1.4. Year of sanction of KVK: May 2005

1.5. Staff Position (**as on 1stJanuary, 2022**)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Sanctioned post | Name of the incumbent | Designation | Discipline/ | Pay  Scale with present basic | Date of joining | Permanent/Temporary | Category (SC/ST/  OBC/  Others) |
| 1 | Senior Scientist& Head | Dr. Saswati Pattanaik | Senior Scientist & Head | Home Science | 15,600-39,100 +GP 8,000/-  Present basic:89,800/- | 02.01.2006 | Permanent | UR |
| 2 | Subject Matter  Specialist | Dr. Kshirod Ku. Biswal | Scientist | Plant Protection | 15,600-39,100 +GP 6,000/-  Present basic:89,800/- | 26.07.2006 | Permanent | OBC |
| 3 | Subject Matter  Specialist | Mr. Lakhan Lal Meena | SMS | Extension | 15,600-39,100 +GP 6,000/-  Present basic:63,100/- | 29.12.2015 | Permanent | ST |
| 4 | Subject Matter  Specialist | - | - | - | - | - | - | - |
| 5 | Subject Matter  Specialist | - | - | - | - | - | - | - |
| 6 | Subject Matter  Specialist | - | - | - | - | - | - | - |
| 7 | Subject Matter  Specialist | - | - | - | - | - | - | - |
| 8 | Programme Assistant | Sri Bidyadhar Tudu | Programme Assistant | Forestry | 9,300-34,800 +GP 4,200/-  Present basic:39,900/- | 10.09.2018 | Permanent | ST |
| 9 | Computer  Programmer | Sri Dillip Ku. Barik | Programme Assistant | PA (Computer) | 9,300-34,800 +GP 4,200/-  Present basic:47,600/- | 04.12.2012 | Permanent | OBC |
| 10 | Farm Manager | - | - | - | - | - | - | - |
| 11 | Accountant / Superintendent | - | - | - | - | - | - | - |
| 12 | Stenographer | - | - | - | - | - | - | - |
| 13. | Driver | Sri Bijay Ku. Barik | Driver-Cum-Mechanic | Driver-Cum-Mechanic | 5,200-20,200 +GP 1,900  Present basic:29,300/- | 31.07.2007 | Permanent | OBC |
| 14. | Driver | Sri Sinu Munda | Driver-Cum-Mechanic | Driver-Cum-Mechanic | 5,200-20,200 +GP 1,900  Present basic:24,500/- | 24.07.2015 | Permanent | ST |
| 15. | Supporting staff | Sri Ram Chandra Nag | Group-D | Group-D |  | 14.12.2014 | Temporary | SC |
| 16. | Supporting staff | - | - | - | - | - | - | - |

1.6. Total land with KVK (in ha) :

|  |  |  |
| --- | --- | --- |
| S. No. | Item | Area (ha) |
| 1 | Under Buildings | 0.6ha |
| 2. | Under Demonstration Units | 0.4ha |
| 3. | Under Crops | 9.89ha (cultivable-7.4ha & cultivable waste land-2.49ha) |
| 4. | Orchard/Agro-forestry | 0.8ha |
| 5. | Others with details | Pond- 1.2ha, threshing floor & godown-0.5ha |
|  | Total | 13.39ha |

*Total areashould 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 |  |  |  |  | Completed | 755 | Yes | ICAR |
| 2. | Farmers Hostel |  |  |  |  | Completed | 304.8 | Yes | ICAR |
| 3. | Staff Quarters (6) |  |  |  |  | Completed | 400.6 | Yes | ICAR |
| 4. | Piggery unit | - | -- | - | - | - | - | - | - |
| 5 | Fencing | - | - | - | - | - | - | - | - |
| 6 | Rain Water harvesting structure |  |  |  |  | Completed | 12000 | Yes | ICAR |
| 7 | Threshing floor | - | - | - | - | - | - | - | - |
| 8 | Farm godown |  |  |  |  | Completed | 125.6 | Yes | ICAR |
| 9. | Dairy unit | - | - | - | - | - | - | - | - |
| 10. | Poultry unit |  |  |  |  | Completed | 22.75 | Yes | ICAR |
| 11. | Poultry Unit (New) | - | - | - | - | Completed | 203.67 | No | NAFCC |
| 12 | Goatary unit |  |  |  |  | Completed | 50.8 | No | NAFCC |
| 13. | Mushroom Lab |  |  |  |  | Completed |  | Yes | ICAR |
| 14. | Mushroom production unit |  |  |  |  | Completed | 17.5 | Yes | DRDA |
| 15. | Shade house |  |  |  |  | Completed | 37.72 | Yes | ICAR |
| 16. | Soil test Lab |  |  |  |  |  |  |  |  |
| 17 | Azolla unit |  |  |  |  | Completed | 40 | Yes | NAFCC |
| 18. | Polyhouse |  |  |  |  | Completed | 23.6 | Yes | ICAR |
| 19. | Vermicompost unit |  |  |  |  | Completed | 18.8 | Yes | ICAR |
| 20. | Office godown |  |  |  |  | Completed | 42 | Yes | ICAR |

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

B) Vehicles

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type of vehicle | Year of purchase | Cost (Rs.) | Total km. Run | Present status |
| Mahindra Bolero SLE | 2019-20 | 8,00,000 | 13,721 | Working |
|  |  |  |  |  |

C) Equipment & AV aids

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of equipment | Year of purchase | Cost (Rs.) | Present status | Source of fund |
| a. Lab equipment | | | | |
|  |  |  |  |  |
|  |  |  |  |  |
| b. Farm machinery | | | | |
| Rotavator | 2016-17 | 88970/- |  | ICAR |
|  |  |  |  |  |
| c.AV Aids | | | | |
|  | 2011-12 | 32,760/- | Working & utilize in office | ICAR |
|  | 2011-12 | 4360/- | - | - |
|  | 2015-16 | 16,300/- | - | - |
|  | 2016-17 | 28,820 | - | - |
|  | 2016-17 | 10,952/- | - | - |
|  | 2016-17 | 35000/- | - | - |
|  | 2017-18 | 40,000/- |  |  |
|  | 2017-18 | 8991/- |  |  |
|  | 2017-18 | 27585/- |  |  |
|  | 2017-18 | 10,600/- |  |  |

D) Farm implements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of equipment | Year of purchase | Cost (Rs.) | Present status | Source of fund |
| Tractor | 2006 | 394900/- | Condemned | ICAR |
| 5 ton capacity trailer | 2006 | 73335/- | Working condition | ICAR |
| 2 bottom mould board plough | 2006 | 22462/- | Working condition | ICAR |
| Cage wheel | 2006 | 11000/- | Working condition | ICAR |
| 9 tine spring cultivator | 2006 | 16675/- | Working condition | ICAR |
| Rotavator | 2016-17 | 88970/- | Working condition | ICAR |
| Tractor | 2023 | 7,50,000/- | booked | ICAR |
|  |  |  |  |  |
|  |  |  |  |  |
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|  |  |  |  |  |

1.8. Detailsof SAC meeting\* conducted in the year

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.No. | Date | Number of Participants | Salient Recommendations | Action taken | If not conducted, state reason |
| 1. | 02.03.2022 | 38 | Awareness programme to be carried out jointly with dept. of veterinary. | In collaboration Veterinary dept Two no of farmers & farm women training cum awareness programme has been conducted covering 50 beneficiaries on AI of goat at village level.  Two no. s of Rural youth Training programme on Small ruminants has been conducted in convergence mode with Veterinary dept. at KVK during December covering 25 no of beneficiaries. |  |
| 2. |  |  | Data analysis of migratory farmers, along with technical intervention in DFI and adopted villages | IFS Model supported to Migratory Farmers of Boirbhadi,Chuhuri,Kuliabandh & Darlimunda (in convergence mode with ICRAF).  Secondary data has been developed on migratory farmers of 41 no. villages of 10 GP viz Boirbhadi, Kuliabandh , Darlimunda, Parkod,Kodomeri,Bishora,Sahipala,Bhaleswar,Beltukuri,Biromal  6no farmers’ training progrmmes has been conducted covering 300 beneficiaries.  Vocational Training-cum-Demonstration on Mushroom Production &Spawn Production. Introduction of Scientific Cultivation of Pointed Gourd, Mulching and Drip Irrigation System has been promoted in convergence mode to check labor migration. |  |
| 3. |  |  | Ragi variety Arjun to be used for seed purpose | Demonstration on Ragi variety Arjun covering 2 ha area including 10 no. beneficiaries of village Chanabeda, Bharuamunda of Nuapada & Komnablock.  Demonstration on blast management of ragi has been conducted at village Chanabeda & Bharuamunda of Nuapada & Komna block respectively covering 16 no beneficiaries & area 2ha.  Motivated farmers for keeping the ragi seeds for the coming season for mass multiplication through training and observation of field -day in convergence with Odisha Millet Mission covering 50 farmers. |  |
| 4. |  |  | CFLD programmes to be done with soil test and other parameters. | Demonstration cum awareness & Soil sample collection campaign has been conducted at CFLD villages Jhalbahal,Kodomeri of Nuapada block & Belardona & Bhalukona of Komna block with convergence with line dept. covering 46 no farmers area 20 ha.  4 no Training & Demonstration on IPM & INM in Oilseed crop has been conducted at CFLD villages of Nuapada & Komna blocks including 37 no of beneficiaries.  Demonstration on *Trichogramma chilonis ,*Yellow sticky trap & pheromone trap has been conducted at CFLD field . |  |
| 5. |  |  | Training on poultry, dairy and mushroom spawn to be focused. | 2 no of farmers & farm women Training has been conducted at Jambahali, Boden &Junani , Nuapada covering 50 no of participants followed by supply of brooded chicks .  1 no of Rural Youth Sponsored Residential training on Small Poultry farmers has conducted including 20 participants for 20 days with convergence with line depts.  2 no of Rural Youth of Sponsored(NAFCC & Dist. Employment Exchange) Residential training on Mushroom Spawn Production has conducted at KVK Nuapada including 30 participants for 25 days with convergence with line depts.  2no of farmers &farm women training & 1no. Rural youth training has been conducted on Homestead based enterprises covering 10no of girls and 20 no. of Farm women followed by distribution of brooded chicks under SCSP. |  |
| 6. |  |  | Demonstration on solar light trap, value addition of mushroom, high value crop broccoli need introduction | 1no. Rural Youth training on Value Addition(Proper packaging ,leveling, & preparation of pickle & sauce) to Oyster mushroom conducted for 2 days at KVK including RAWE students and 20 no of rural youth .  1 no of Rural Youth Sponsored Residential training on Small Poultry farmers has conducted including 20 participants for 20 days with convergence with line depts.  2 no of Rural Youth of Sponsored(NAFCC & Dist. Employment Exchange) Residential training on Mushroom Spawn Production has conducted at KVK Nuapada including 30 participants for 25 days with convergence with line depts.  2no of farmers &farm women training & 1no. Rural youth training has been conducted on Homestead based enterprises covering 10no of girls and 20 no. of Farm women followed by distribution of brooded chicks under SCSP. |  |
| 7. |  |  | Programme on post emergence weed management in maize required. | Assessment on Post emergence herbicide management in maize at Maniguda village of Komna block including 10 no of participants & area 2 ha .  1no farmer & farm women trainging programme on weed management in maize has been conducted at including 25 no. of participants. |  |
| 8. |  |  | Primary processing unit of millets like Gulji, Kodo etc. & Ragi value addition is highly essential. | Two no.s of processing unit (OUAT ,Ragi thresher) has been started in different locations viz. Village Sargiguda, Boden Chalanpada, Khariar with NGO Pallivikas  one no. processing unit (OUAT ,Ragi thresher) Village: Siletpani, Komna with NGO CPSW.  Exhibition on Millet value added products at Bhansimundi village with hundred farmers in convergence with Odisha Millet Mission.  Out of three , two no of processing unit has been started in FPO areas (Komna & Boden)  4no Awareness programme on Processing & Value addition of Millets under FPO at Boden & Komna block including 125 farmers and farm women in convergence with NGOs Lokdristi & CPSW. |  |
| 9. |  |  | Training on IPM, IDM in vegetable crops is required | Three no. s of farmers & farm women training on YVM management in OKRA, Pheromone trap for pest management in cucurbits & Root-knot nematode management in vegetable crop including 75 no participants in village Saliha, Bhaleswar & in KVK on campus.  Sponsored training on Bio –pesticides for pest & disease management in vegetable crops including 100 extension functionaries at Khariar in convergence with Agril. Dept. |  |
| 10. |  |  | Seed production in Tomato to be focused. | FLD on Tomato Seed Production at village Kalimati .  Visit of officials to the farmers’ field. |  |
| 11. |  |  | Technical support in nutritional garden, vermicomposting, organic cluster development is required. | Seedlings of tomato, brinjal, chilli, papaya, drumstick, capsicum, broccoli, red cabbage distribution under FLD on Nutritional Garden to 20 no of beneficiaries of Junani, Saliha & Chuhuri, Hatibandha villages of Nuapada & Sinapalli block.  Vermicompost training under SCSP programme & distribution of 100 no. of vermi bed.  Rural Youth Training on homestead based vocations with distribution of mushroom spawn & vermi bed to 10 no of participants from village Kirmelli & Chuhuri (nutritional garden programme )  Organic cluster development at Shalia .  4 no farmers & farm women training at village Patparpalli, Churi, Kirmeli & Junani has been conducted including 100 participants . |  |
| 12. |  |  | Identification of particular commodity of the district | FPO(Shivashakti & Sidheswar) formation at two blocks i.e, Komna & Boden with identified commodities Oil-seeds, Millets & Minor Forest Products. |  |
| 13. |  |  | Regular updates of KVK Portal | * New Website Developed, 2022   [www.kvknuapada.org](http://www.kvknuapada.org/) |  |

*\* 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 (2022)

|  |  |  |
| --- | --- | --- |
| Sl. no. | Item | Information |
| 1 | Major Farming system/enterprise | Rice-pulse-veg/ Rice-pulse/cotton+arhar/Maize+arhar  millets- fallow  rice fallow |
| 2 | Agro-climatic Zone | Western undulating Zone |
| 3 | Agro ecological situation | 1. Red soil-medium rainfall-medium elevation 2. Red soil-high rainfall-medium elevation 3. Red soil-high rainfall-high elevation 4. Red & yellow soil-high rainfall-medium elevation 5. Black soil-medium rainfall-medium elevation 6. Forest soil |
| 4 | Soil type | Alluvial soil, red soil, black soil,red& yellow soil,red& black soil |
| 5 | Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others | paddy- 40.0 q/ha  greengram- 5.05q/ha  maize- 31.6q/ha |
| 6 | Mean yearly temperature, rainfall, humidity of the district | Rainfall- 1132.68mm, 27.5o C, 58.8% |
| 7 | Production of major livestock products like milk, egg, meat etc. | Milk- 302140TMT  Egg- 825113.1 nos  Meat- 633697 kg |

Note: Please give recent data only

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

|  |  |  |  |
| --- | --- | --- | --- |
| Sl.No | Block | Village | Remarks |
| 1. | Nuapada | 29 no’s(Saliha, Junani, Pipalchandi, Pagarpani, Kodomeri, Chuhuri, Kermeli, Amodi, Bhaleswar, Gotma, Dharambadnha, Sarabong, Pawartola, Torra, Dhwajabhata, Khairani, Babu botha, Biromal, Checherpani, Bhera, Chanabeda, Godfula, DarlImnuda, Saipala,Jenjra, Patalghutukari, Mahuabhata, Bhainsmundi, Anlajuba ) | CFLD, FLD,OFT, training, diagnostic visit and field visit, field day, other extension activities. |
| cfld | Komna | 29 no’s (Sukulimundi, Silva, Samarsingh, Jhagrahi, Chhhindpani, Thakurpali, Kendubhata, Lalbhata, Kandetora, Dianmunda, Dharampur, Maniguda, Tarbod, Michapali, Lakhna, Mahulbhata, Poinr, Kotribahal, Tikrapada, Thikpali, Babupali, Palsipani, Kurumpuri, Gohirpadar, Siallati, Chankpada, Dhumabhata, Bahgmunda, Bhojpur bhati) | CFLD, FLD,OFT, training, diagnostic visit and field visit, field day, other extension activities. |
| 3. | Khariar | 8 no’s (Bhaludungari, Khariar, Dhangsar, Ranimunda, Kotipadar, Chanbeda, Sargadihi, Gadramunda ) | CFLD, FLD,OFT, training, diagnostic visit and field visit, field day, other extension activities. |
| 4. | Boden | 8 no’s (Mahulpadar, Maharajor, Margaon, Durkamunda, Salepada, Bartansil, Babebir, Mahulpada, Anlabhata) | CFLD, FLD,OFT, training, diagnostic visit and field visit, field day, other extension activities. |
| 5. | Sinapali | 10 no’s (Sinapali, Bargaon, Jamgaon, Barpadar, Godal,Hirapur, Ranimunda, Gorla, Botopali, Govindpur malpada ) | CFLD, FLD,OFT, training, diagnostic visit and field visit, field day, other extension activities. |
|  |  |  |  |

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2022) for its development and action plan

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 | Junani | Nuapada | Junani | Paddy, Cotton,pulses dairy, poultry | drought in upland paddy, sucking pest infestation in cotton, poor growth of poultry, stem borer and panicle mite infestation in paddy | Introduction of drought tolerant paddy variety- C R Dhan-101, sucking pest management in cotton, mushroom for income generation and use of waste paddy straw, backyard rearing of dual purpose poultry bird- Aseel, Banaraj and Kaberi, Animal health camp for cow, bullock, buffalo, goat etc. |
| 2 | Lalbhata | Komna | Lalbhata (kendubhata) | Paddy, cotton, millets, pulses, vegetables | stem borer, BPH, panicle mite infestation in paddy, manual processing of millets, sucking pest infestation in cotton, YMV in pulses | IPM & IDM in paddy, cotton and pulses, introduction of OUAT Ragi thresher cum pearler, Backyard poultry rearing |
| 3 | Bhaludungari | Khariar | Bhaludungari | Paddy, pulses, vegetables | BPH , Stem borer and BLB infestation in paddy, low return from local or improved vegetables, mal nutrition in farm families, | introduction of drought tolerant paddy, high yielding vegetables, introduction of bio-fortified sweet potato and pointed gourd, mushroom, hybrid vegetables |
| 4 | Bargaon | Sinapali | Bargaon | paddy, pulses, cotton, oilseeds, vegetables | pest and disease infestation in paddy, YMV infestation in pulses, low yield from | introduction of hybrid napier, backyard poultry rearing, mushroom, vermicompost production. |
| 5 | Babubothapada | Nuapada | Babubotha | Millets | low yield from local variety of ragi and other millets | Demonstration on Ragi var.- Arjun, Little millet (Gurji)- Var.- Jhari and Kodo- Var.- RK 390-25 |
| 6 | Mahulpadar | Boden | Mahulpadar | FPO | marketing | Established new FPO (Shibashakti Farmer Producer Cooperative Society Ltd.)  Demonstration on oilseed crops groundnut with 25 no of farmers in 10.0ha area |
| 7 | Silva | Komna | Silva | FPO | marketing | Established new FPO (Sidheswar Farmer Poducer Cooperative society Ltd.) |

|  |  |  |
| --- | --- | --- |
| Name of village | Block | Action taken for development |
| Junani | Nuapada | FLD on drought tolerant rice variety- C R Dhan-101.  FLD on oyster mushroom production for sustainable income generation.  FLD on brooding management of poultry chicks.  FLD on sucking pest management in cotton. Conducted Animal health camp.  Celebrate world food day at Junani.  FLD on dual purpose poultry bird Banaraja/Aseel  OFT on panicle mite management in paddy  Training on oyster mushroom cultivation.training on IPM in cotton.  Training on nutritional garden lay out and nutria thali.Training on stem borer management in paddy. |
| Lalbhata | Komna | FLD on dual-purpose poultry bird Banaraja.  FLD on power operated ragi thresher cum pearler.  Demonstration on millets  Training on post harvest management of ragi.  Training on backyard poultry rearing of poultry chicks |
| Bhaludungari | Khariar | OFT on Bio-fortified sweet potato variety- Bhu-sona and Bhu-Krishna  OFT on suitable tomato variety for Tomato puree.  FLD on oyster mushroom cultivation.  FLD on backyard kitchen garden.  Demonstration on hybrid cole crops  Introduction of pointed gourd.  Training on backyard kitchen garden lay out and nutria thali.  Training on oyster mushroom cultivation.  Training on millets cultivation practices.  Introduction of hybrid napier fodder for mulching cows  Demonstration on Pigeonpea.  Demonstration on purple blotch management in Onion. |
| Bargaon | Sinapali | FLD on Paddy straw mushroom cultivation.  FLD on Oyster mushroom cultivation  Introduction of Hybrid napier.  Demonstration on Vermicompost production  Training on Oyster mushroom production.  Training on vermicompost production.  Training on waste management of mushroom unit. |
| Mahulpadar | Boden | Demonstration on Groundnut.  Demonstration on sesame.  Training on weed management in groundnut.  Training on IPM and IDM in sesame.  Formation of FIGs.  Established new FPO at Mahulpadar village |
| Chuhuri | Nuapada | Established backyard kitchen garden/ nutria garden, study of nutri village, training to farm women for lay out and proper planning of kitchen garden. |
| Babubothapada | Nuapada | Demonstration on Ragi var.- Arjun, Little millet (Gurji)- Var.- Jhari and Kodo- Var.- RK 390-25 |
| Silva | Komna | Established new FPO (Sidheswar Farmer Poducer Cooperative society Ltd.)  training to farmers and farm women on mushroom cultivation,  awareness programme for membership and equity share for FPO. |
| Salepada | Boden | training on natural farming, distributioj of vermin bed for vermicompost production, training on oyster mushroom cultivation. |

2.1 Priority thrust areas

|  |  |
| --- | --- |
| S. No | Thrust area |
| 1. | Substitution of Crop in upland from paddy to non paddy like millets, cotton maize and pulses. |
| 2. | Value addition , processing, packaging of millets, food standard mark to backery items, marketing |
| 3. | Promotion of poultry dual purpose and brooding facilities at least block level by WSHG, FPO, FIG for supply of good quality chicks year round |
| 4. | Promotion of vermicompost and natural farming |
| 5. | waste recycling at farm level. |
| 6. | promotion of collection of mahua in hygienic and scientific way and its proper processing and packaging. |
| 7. | Value addition and proper packaging of tomato puree |
| 8. | Promotion of rabi cotton and ragi. |
| 9. | Promotion of tuber crops, value addition of tuber crops |
| 10. | Fodder unit development at village level. |
| 11. | Promotion of Agro-Forestry modules. |
| 12. | Commercial high value fruit crops plantation |
| 13 | colour fish production by WSHG for income generation |
| 14 | promotionof honey bee production through trainers training programme phase wise |
| 15 | lach cultivation promotion |
| 16 | drought tolerant paddy production |
| 17 | preservation of local scented variety of paddy |
| 18 | compost preparation from organic waste |
| 19 | farmers registrartion at website of KVK |
| 20 | soil map preparation for adopted villages |
| 21 | FPO- business plan for ou two FPOs at Komna and Boden |
| 22 | Regular update KVK portal- Two ways communication , farmers registration, publication release etc. |

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 | | | | | | | | |
| 4 | 4 |  | SC | | ST | | Others | | Total | | | 11 | 11 | 190 | SC | | ST | | Others | | Total | | |
|  |  |  | M | F | M | F | M | F | M | F | T |  |  |  | M | F | M | F | M | F | M | F | T |
|  |  | 58 | 2 | 1 | 5 | 4 | 15 | 31 | 22 | 36 | 58 |  |  |  | 14 | 19 | 13 | 38 | 43 | 64 | 70 | 121 | 191 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |
| 55 | 49 | 1375 | 187 | 200 | 83 | 136 | 302 | 309 | 564 | 661 | 1225 | 250 | 283 | 45000 | 3644 | 3226 | 9931 | 6901 | 14263 | 12149 | 27838 | 22276 | 50114 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |
| 20 | 14 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 6 | 6 | | 400 | 283 | 68 | 131 | 16 | 22 | 19 | 27 | 103 | 180 | 283 |

|  |  |  |  |
| --- | --- | --- | --- |
| Seed production (q) | | Planting material (in Lakh) | |
|  | |  | |
| Target | Achievement | Target | Achievement |
| 100 | 28.8 | 0.6 | 0.56401 |

|  |  |  |  |
| --- | --- | --- | --- |
| Livestock strains and fish fingerlings produced (in lakh)\* | | Soil, water, plant, manures samples tested (in lakh) | |
|  | |  | |
| Target | Achievement | Target | Achievement |
| 0.05500 | 0.06912 | 0.001 | 0.000017 |

* \* 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 | 1 | 20 | 1 | 6.2 | 6.0 | Effect of seed priming physiological parameters of cow pea (Vigna unguiculata L. Walp) seeds collected from western Odisha | Research gate |
| Seminar/conference/ symposia papers |  |  |  |  |  |  |  |
| Books |  |  |  |  |  |  |  |
| Bulletins |  |  |  |  |  |  |  |
| News letter |  |  |  |  |  |  |  |
| Popular Articles |  |  |  |  |  |  |  |
| Book Chapter |  |  |  |  |  |  |  |
| Extension Pamphlets/ literature | 2500 | 1200 | nil | nil | nil |  |  |
| Technical reports |  |  |  |  |  |  |  |
| Electronic Publication (CD/DVD etc) | 6 | mass |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |

1 Achievements on technologies assessed and refined

OFT-1

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of suitable varieties for value addition of Tomato ( Puree)** |
| 2. | Problem diagnosed | Distress sale, spoilage due to high perishability & attempting value addition in low TSS content tomato var. Laxmi |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | TO1:Preparation of Tomato Puree(Tomato pulp and spices, salt, sugar and vinegar, with or without onion and garlic, and contains not less than 25 per cent total solids) fromTomato Var.- A. Vishesh.  TO2: Preparation of Tomato Puree (Tomato pulp and spices, salt, sugar and vinegar, with or without onion and garlic, and contains not less than 25 percent total solids) from Tomato Var.-A. Apeskhya. |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Tomato Var.-IIHR Bangalore 2019  Tomato Puree Technology- Community science college and research institute,Madurai |
| 5. | Production system and thematic area | Irrigated medium & Women empowerment |
| 6. | Performance of the Technology with performance indicators |  |
| 7. | Final recommendation for micro level situation |  |
| 8. | Constraints identified and feedback for research | Both the varieties are suitable for tomato puree but A. Apekshya is better than A. Vishesh in TSS content. |
| 9. | Process of farmers participation and their reaction | Farmers selection, group discussion, training and demonstration |

*Thematic area: Home Science/Women Empowerment*

Problem definition: Distress sale, spoilage due to high perishability & attempting value addition in low TSS content tomato var. Laxmi

Technology assessed:

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 |
| Amt. of paste/8kg raw tomato | TSS (Degree Brix) | Self life (days) |
| FP | 13 | 3.2 | 2.1 | 17 |  | **315** | 170 | 320 | 150 | 1.8 |
| TO1 |  | 4.1 | 4.6 | 34 |  | **510** | 180 | 410 | 230 | 2.2 |
| TO2 |  | 4.3 | 4.7 | 36 |  | **445** | 180 | 430 | 250 | 2.4 |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

OFT-2

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of bio-fortified sweet potato varieties for nutritional security.** |
| 2. | Problem diagnosed | Poor nutritional status of farm family |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | TO1:Cultivation ofVariety Bhukrishna(Anthocyanin 90.0 mg / 100 gm), tuber yield 18 t / ha, dry matter 24.0 – 25.5, starch 19.5 % total sugar 1.9 – 2.2 % )  TO2:Cultivation of Variety Bhusona, (pro vitamin – A 14.0 mg / 100 gm), tuber yield 19.8 t / ha, dry matter 27.0 – 29.0, starch 20 % total sugar 2.0 – 2.4 % ) |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | ICAR-CTCRI, Bhubaneswar, 2019 |
| 5. | Production system and thematic area | Rainfed upland |
| 6. | Performance of the Technology with performance indicators |  |
| 7. | Final recommendation for micro level situation |  |
| 8. | Constraints identified and feedback for research | Bhusona is more acceptable than Bhukrishna .Both of them can be used as additive in *Chatua.* |
| 9. | Process of farmers participation and their reaction | Farmers selection, group discussion, training and demonstration |

*Thematic area: Home Science/Women Empowerment*

Problem definition: Poor nutritional status of farm family

Technology assessed:

Table:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | | | % change in yield | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
| Sensory evaluation (9 point scale) |  |  |
| FP |  |  |  |  |  | 112 | 35000 | 89600 | 54600 | 2.56 |
| TO1 | 13 |  |  |  | 17.8 | 132 | 41000 | 105600 | 64600 | 2.57 |
| TO2 |  |  |  |  | 23.2 | 138 | 42000 | 110400 | 68400 | 2.62 |

OFT -3

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment on Erwinia blight disease management in Banana** |
| 2. | Problem diagnosed | Crop loss due to Erwinia blight disease infestation in Banana at early stage. |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | TO1:Sucker treatment with solution made up of Trichoderma viride and Pseudomonas fluorescens @ 10 gm/ltr.  TO2:Sucker treatment with Streptocyclin @ 3 gm/10 ltr.+ COC @ 40 gm/10 ltr |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | TNAU 2018 |
| 5. | Production system and thematic area | Irrigated upaland, Banana-Banana |
| 6. | Performance of the Technology with performance indicators |  |
| 7. | Final recommendation for micro level situation | Sucker treatment with Streptocyclin @ 3 gm/10 ltr.+ COC @ 40 gm/10 ltr effectively controls Erwinia disease in Banana. |
| 8. | Constraints identified and feedback for research | resistant variety to erwinia blight which damage banana plants at early stage and drenching of lime water @30gm/liter recommended after 15-20 DAP |
| 9. | Process of farmers participation and their reaction | farmers selection by field diagnsosis, group meeting, training and demonstration. |

*Thematic area: Home Science/Women Empowerment*

Problem definition: Crop loss due to Erwinia blight disease infestation in Banana at early stage.

Technology assessed:

Table:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | | | % of disease/pest | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
|  | % change in yield |  |
| FP |  |  |  |  | 28 | 333 | 175263 | 333000 | 157737 | 1.9 |
| TO1 | 13 |  | 23.4 |  | 8 | 435 | 188300 | 435600 | 247300 | 2.31 |
| TO2 |  |  | 28.8 |  | 6 | 468 | 187285 | 468600 | 281315 | 2.5 |
|  |  |  |  |  |  |  |  |  |  |  |

OFT -4

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of panicle mite management in rice** |
| 2. | Problem diagnosed | low yield due to Panicle mite infestation in rice crop |
| 3. | Details of technologies selected for assessment/refinement  (Mention either Assessed or Refined) | TO1:Seed treatment with Imidacloprid 70WS@ 7gm/kg of seed, installation of yellow sticky trap@20/ha and need based sprayings of Acetamiprid @ 250 gm/ ha at 7days interval.  TO2:Seed treatment with Imidacloprid 70 WS @7 gm/kg of seed ,Spraying with Spiromesifen 240 SC @250 ml/ha, installation of yellow sticky trap @20/ha |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Annual Report,TNAU -2015 |
| 5. | Production system and thematic area | Rice- Fallow, Irrigated medium |
| 6. | Performance of the Technology with performance indicators |  |
| 7. | Final recommendation for micro level situation | Seed treatment with Imidacloprid 70WS@ 7gm/kg of seed followed by Spiromesifen 240 SC @250 ml/ha and installation of yellow sticky trap reduce the mite population. |
| 8. | Constraints identified and feedback for research | Stem borer and panicle mite resistant paddy variety for irrigated medium |
| 9. | Process of farmers participation and their reaction | Farmers selection by field diagnsosis, group meeting, training and demonstration. |

*Thematic area: Home Science/Women Empowerment*

Problem definition: Distress sale, spoilage due to high perishability & attempting value addition in low TSS content tomato var. Laxmi

Technology assessed:

Table:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | | | % of disease/pest | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
|  | % change in yield |  |
| FP |  |  |  |  | 21 | 38.2 | 38672 | 77928 | 41256 | 2.0 |
| TO1 | 13 |  | 14.3 |  | 12 | 44.6 | 40250 | 90984 | 52734 | 2.2 |
| TO2 |  |  | 19.2 |  | 6 | 47.3 | 41350 | 96492 | 56142 | 2.3 |
|  |  |  |  |  |  |  |  |  |  |  |

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 | Crop production | Cultivation of Drought tolerant paddy variety C R Dhan -101 | 2.0 | 2.0 | 0 0 0 0 | | | | 5 | | 5 | | |  |
| 2. | Maize | crop Production | weed management in maize | 4.0 | 4.0 | 10 | | | | 0 | | 10 | | |
| 3. | Maize | Plant Protection | FAW management in maize | 2.0 | 2.0 | 2 1 | | | | 7 | | 10 | | |  |
| 4. | Ragi | Plant Protection | Blast disease management in ragi | 5.0 | 10.0 | 5 0 | | | | 13,22 | | 13 27 40 | | |

Details of farming situation

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Crop | Season | Farming situation (RF/Irrigated) | Soil type | Status of soil  (Kg/ha) | | | Previous crop | Sowing date | Harvest date | Seasonal rainfall (mm) | No. of rainy days |
| N | P2O5 | K2O |
| Rice | Kharif | Rainfed | clay loam |  |  |  | rice | 2nd week of july | Flast week of Oct.-2022 | 1132.6mm | 81 |
| Maize | Kharif | Rainfed | sandy loam |  |  |  | rice | 2nd week of july | dec. 2022 | 1132.6mm | 81 |
| maize | Kharif | Rainfed | sandy loam |  |  |  | maize | 2nd week of july | Dec.-2022 | 1132.6mm | 81 |
| Ragi | Kharif | Rainfed | clay loam |  |  |  | rice | 3rd week of july | 2nd week of Nov | 1132.6mm | 81 |

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Crop | Thematic Area | Name of the technology demonstrated | No. of Farmers | Area  (ha) | Yield (q/ha) | | % Increase | \*Economics of demonstration (Rs./ha) | | | | \*Economics of check  (Rs./ha) | | | |
| Demo | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

\*\* BCR= GROSS RETURN/GROSS COST

Pulses   
Frontline demonstration on pulse crops

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Crop | Thematic Area | Name of the technology demonstrated | No. of Farmers | Area  (ha) | Yield (q/ha) | | % Increase | \*Economics of demonstration (Rs./ha) | | | | \*Economics of check  (Rs./ha) | | | |
| Demo | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | | | | | | | | | | |
|  | Total |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

\*\* BCR= GROSS RETURN/GROSS COST

Other crops

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Crop | Thematic area | Name of the technology demonstrated | No. of Farmer | Area  (ha) | Yield (q/ha) | | % change in yield | Other parameters | | \*Economics of demonstration (Rs./ha) | | | | \*Economics of check  (Rs./ha) | | | |
| Demons  ration | Check | Demo | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| cotton | Plant Protection | Planting of maize as border crop, intercropping with cowpea @ 8:2, spraying with Azadiractin 1500ppm @1.5 lit/ha @ 30 & 45 DAS, application of Flonicamide 50WG @ 175gm/ha twice at 10 days interval | 15 | 2.0 | 16.25 | 11.5 | 29.2 | Jassid- 0.8,White fly-0.64,Aphid-1.28 | Jassid- 6.24,White fly-4.0,Aphid-18.2 | 38000 | 98800 | 60800 | 2.6 | 30400 | 69920 | 39520 | 2.3 |
| Onion | Plant Protection | Seed treatment with Carboxin37.5% +Thiram 37.5followed by spraying thrice with Tebuconazole 25 EC at 15days interval starting from initiation of the infection | 13 | 2.0 | 158.3 | 126.8 | 19.8 | 22.2% | 48.3% | 87944 | 237450 | 149506 | 2.7 | 82695 | 190200 | 107505 | 2.3 |
| Teak | Agroforestry | Plantation of Teak 100 no’s/ha,plant to plant :2.5m,upland situation,timely pruning of teak plants. | 13 | 200 no plants | Continue | | | | | | | | | | | | |

Livestock

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Category | Thematic  area | Name of the technology demonstrated | No. of Farmer | No.of units | Major parameters | | % change in major parameter | Other parameter | | \*Economics of demonstration (Rs.) | | | | \*Economics of check  (Rs.) | | | |
| Demons  ration | Check | Demons  ration | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| Dairy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cow |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Buffalo |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Poultry | brooding management of chicks | Artificial brooding of chicks with proper vaccination and medication up to 28 days. | 30 | 30 | 230gm/bird at 28 days | 96gm/bird at 28 days |  | mortality 2% | Mortality 6% | 3300/  100  birds | 64100  birds 00 | 3100  100  birds | 1.93 | 2500/  100  birds | 4200/  100  birds | 1700/  100  birds | 1.68 |
| Rabbitry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pigerry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sheep and goat |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Duckery |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (pl.specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

\*\* BCR= GROSS RETURN/GROSS COST

Fisheries

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Category | Thematic area | | Name of the technology demonstrated | No. of Farmer | No.of units | Major parameters | | % change in major parameter | Other parameter | | \*Economics of demonstration (Rs.) | | | | \*Economics of check  (Rs.) | | | |
| Demons  ration | Check | Demons  ration | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| Common carps |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mussels |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ornamental fishes |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (pl.specify) |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | Total | |  |  |  | | | | | | | | | | | | |

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

\*\* BCR= GROSS RETURN/GROSS COST

Other enterprises

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Category | Name of the technology demonstrated | No. of Farmer | No.of units | Major parameters | | % change in major parameter | Other parameter | | \*Economics of demonstration (Rs.) or Rs./unit | | | | \*Economics of check  (Rs.) or Rs./unit | | | |
| Demons  ration | Check | Demons  ration | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| Oyster mushroom | Cultivation of oyster mushroom variety *Hyspigygusulmarius* Biological efficiency- 92.5% in 180-300, Straw cutting 2-3inches, soaking of straw in water for 6hrs in 2% CaCo3, draining of straw (moisture content 65%), Spawn-150gm | 11 | 11 | 2.1kg/bed | 1.56kg/bed | 38% yiled increases |  |  | 5700/100beds | 21000/100beds | 15300/100beds | 3.68 | 5000/100beds | 15600/100beds | 10600/100beds | 3.12 |
| Paddy straw mushroom | Mushroom cultivation by using 5kg crumpled straw, pulse powder3%, spawn-3% soaking period 5 hrs with 2% CaCO3 | 35 | 20 | 1.1kg/bed | 0.8kg/bed | 37.5% yield increases |  |  | 7000/100beds | 22000/100beds | 15000/100 beds | 3.1 | 7000/100 beds | 16000/100beds | 9000/100beds | 2.2 |
| Vermicompost |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Apiculture |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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

Women empowerment

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | Name of technology | No. of demonstrations | Observations | | Remarks |
| Demonstration | Check |
| Farm Women | Threshing of ragi by Power operated Rgai thresher (ESA OUAT developed) | 12 | output 88.6kg/hour  Efficiency89% | output 22.3kg/hour  Efficiency43% |  |
| Pregnant women |  |  |  |  |  |
| Adolescent Girl |  |  |  |  |  |
| Other women |  |  |  |  |  |
| Children |  |  |  |  |  |
| Neonatal |  |  |  |  |  |
| Infants |  |  |  |  |  |

Farm implements and machinery

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name of the implement | Crop | Name of the technology demonstrated | No. of Farmer | Area (ha) | Filed observation (output/man hour) | | % change in major parameter | Labor reduction (man days) | | | | Cost reduction (Rs./ha or Rs./Unit) | | | |
| Demons  ration | Check |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

\*\* BCR= GROSS RETURN/GROSS COST

Demonstration details on crop hybrids

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Crop | Name of the Hybrid | No. of  farmers | Area  (ha) | Yield (kg/ha) / major parameter | | | Economics (Rs./ha) | | | |
| Cereals |  |  |  | Demo | Local check | % change | Gross  Cost | Gross  Return | Net  Return | BCR |
|  |  |  |  |  |  |  |  |  |  |  |
| Bajra |  |  |  |  |  |  |  |  |  |  |
| Maize |  |  |  |  |  |  |  |  |  |  |
| Paddy |  |  |  |  |  |  |  |  |  |  |
| Sorghum |  |  |  |  |  |  |  |  |  |  |
| Wheat |  |  |  |  |  |  |  |  |  |  |
| Others (Pl.specify) |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |
| Oilseeds |  |  |  |  |  |  |  |  |  |  |
| Castor |  |  |  |  |  |  |  |  |  |  |
| Mustard |  |  |  |  |  |  |  |  |  |  |
| Safflower |  |  |  |  |  |  |  |  |  |  |
| Sesame |  |  |  |  |  |  |  |  |  |  |
| Sunflower |  |  |  |  |  |  |  |  |  |  |
| Groundnut |  |  |  |  |  |  |  |  |  |  |
| Soybean |  |  |  |  |  |  |  |  |  |  |
| Others (Pl.specify) |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |
| Pulses |  |  |  |  |  |  |  |  |  |  |
| Greengram |  |  |  |  |  |  |  |  |  |  |
| Blackgram |  |  |  |  |  |  |  |  |  |  |
| Bengalgram |  |  |  |  |  |  |  |  |  |  |
| Redgram |  |  |  |  |  |  |  |  |  |  |
| Others (Pl.specify) |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |
| Vegetable crops |  |  |  |  |  |  |  |  |  |  |
| Bottle gourd |  |  |  |  |  |  |  |  |  |  |
| Capsicum |  |  |  |  |  |  |  |  |  |  |
| Cucumber |  |  |  |  |  |  |  |  |  |  |
| Tomato |  |  |  |  |  |  |  |  |  |  |
| Brinjal |  |  |  |  |  |  |  |  |  |  |
| Okra |  |  |  |  |  |  |  |  |  |  |
| Onion |  |  |  |  |  |  |  |  |  |  |
| Potato |  |  |  |  |  |  |  |  |  |  |
| Field bean |  |  |  |  |  |  |  |  |  |  |
| Others (Pl.specify) |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |
| Commercial crops |  |  |  |  |  |  |  |  |  |  |
| Cotton |  |  |  |  |  |  |  |  |  |  |
| Coconut |  |  |  |  |  |  |  |  |  |  |
| Others (Pl.specify) |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |
| Fodder crops |  |  |  |  |  |  |  |  |  |  |
| Napier (Fodder) |  |  |  |  |  |  |  |  |  |  |
| Maize (Fodder) |  |  |  |  |  |  |  |  |  |  |
| Sorghum (Fodder) |  |  |  |  |  |  |  |  |  |  |
| Others (Pl.specify) |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |

Technical Feedback on the demonstrated technologies

|  |  |  |
| --- | --- | --- |
| Sl. No | Crop | Feed Back |
| 1 | Rice | High yielding, short duration and fine grain Rice varieties for drought prone area of Nuapada for rainfed farming situation also have resistant to stem borer and panicle mite. |
| 2. | Maize | FAW resistant maize variety.  Application of sand mixed with lime@9:1 in the whorls at 15-20 DAS, spraying withAzadiractin 1500ppm @ 5ml/ltr, alternating with Thiomethoxam 12.6% + Lambda Cyhalothrin 9%@ 0.4ml/ltr increases the yield by 13.7%. |
| 3. | Maize | Application of pre-emergence Atrazine and post emergence Tembotrione (34.4SC) 20-25 DAS herbicides control weeds in maize |
| 4. | Cotton | Intercropping of cowpea and maize as border crop with initial spraying with Azadirachtin @ 1.5ltr./ha. @ 30 & 45 DAS and subsequent application of Flonicamide 50WG @ 175gm/ha twice at 10 days interval reduces the sucking pest drastically and increases yield by 29.2%. |
| 5. | Ragi | Seed treatment with Carbendazim@ 2gm/kg seed, followed by spraying with Tricyclazole @ 0.6 gm/lit at 45 DAS and Carbendazim+ Mancozeb@ 3gm/lit during flower initiation stage for blast management increases the yield by 30.1%. |
| 6. | Ragi Thresher | Power operated ragi thresher has its threshinh efficiency 89% than the manual threshing. |
| 7. | Poultry brooding | Brooding management for 28 days with floor space of 0.3 sq fit with help of chick guards, artificial heat at @1-3 watt per chick, feeder and drinkers @ 1 each for 50 chicks. Vaccination against RD on 7th, 28th day & IBD on 14th day. Use of electrolytes, preventive antibiotics during brooding, use of gas brooder & hover. If disease occurs in big birds than there will be 100% mortality. |

Extension and Training activities under FLD

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.No. | Activity | Date | No. of activities organized | Number of participants | Remarks |
| 1. | Field days | 14.11.2022, 21.11.2022, 19.11.2022 | 3 | 110 | Field day on sucking pest management in cotton, and FAW management in maize, Blast disease management in Ragi |
| 2. | Farmers Training | 21.07.2022, 16.8.2022, 03.08.2022, 27.8.2022, 22.11.2022, 21.12.2022, 3.8.2022, 5.8.2022, 12.8.2022, | 2 | 50 | Paddy straw mushroom cultivation. Training on weed management in maize, sucking pest management in cotton, blast disease management in ragi, FAW management in maize |
| 3. | Media coverage |  |  |  |  |
| 4. | Training for extension functionaries | 03.11.202207.10.2022, 30.8.2022, | 3 | 59 |  |

**Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2022 and Rabi 2021-22:**

1. **Technical Parameters:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Crop demonstrated | Existing (Farmer's) variety name | Existing yield  (q/ha) | Yield gap (Kg/ha)  w.r.to | | | Name of Variety + Technology  demonstrated | Number of farmers | Area in ha | Yield obtained (q/ha) | | | Yield gap minimized  (%) | | |
| District  yield (D) | State  yield (S) | Potential  yield (P) |
| Max. | Min. | Av. | D | S | P |
| 1 | Groundnut | AK1224, TMV2 | 18.4 | 18.6 | 17.8 | 25 | var.- Dharni + Seed treatment with  carbendazim+ mancozeb @  5gm/kg of seed, post  emergence herbicide  application (Imezathypre @  750ml/ha) at 20-25 DAS,  Application of ZnSO 4 @  10kg/ha at the time of 1 st  interculture operation,  Spraying of neem oil 1500  ppm @ 4ml/ltr, Release of  Trichogramma chilonis and  installation of yellow sticky  trap and pheroman trap for  sucking pest and  lepidoptera pest, spraying  with water soluble boron @  3gm/ltr+ N.P.K (19:19:19)  15gm/ltr during before  flowering stage, Spraying  with imida cloprid @  100ml/ha. | 15 | 10.0 | 24.8 | 21.6 | 23.2 | 4.6 | 5.4 | -1.8 |
| 2 | Groundnut | Smruti | 17.8 | 16.2 | 17.4 | 25 | Variety- Dharni, Line sowing (30cmx10cm), Seed treatment with Rhizobium culture @ 250ml/acre, spraying of post emergence herbicie Imezathapyre @ 750ml/ha. | 50 | 20.0 | 22.2 | 18.8 | 20.4 | 4.2 | 3 | -4.6 |
| 3 | Sesame | Raes | 4.1 | 4.2 | 3.9 | 10.0 | Variety- Smarak, Seed treatment with vitavax power @ 2gm/kg of seed, soil application of ZnSo4@ 4kg per ha, sprayng of carbendazim+ mancozeb, and imidacloprid, foliar application of NPK and Boron | 55 | 20.0 | 5.8 | 4.6 | 5.4 | 1.2 | 1.6 | -4.6 |
| 4 | Pigeon pea | Maruti | 7.4 | 8.7 | 8.9 | 14 | Var.- PRG-176,  Seed treatment with Rhizobium culture @30gm/ kg of seed, post emergence herbicide application of Imezathypre 10%SL @ 750ml/ha, 20-25DAS, Installation of yellow sticky trap @ 12 nos/ha for sucking pest management, spraying of water soluble NPK (19:19:19) @ 10kg/ha and Boron 20% SL@ 1kg/ha at 35 and 55 DAS, & Carbendazim 12%+ Mancozeb63%wp for fungal disease, Spraying of emamectin Benzoite @ 200gm/ha at Pod formation stage for pod borer mgt. | 20 | 10.0 | 12.2 | 8.4 | 10.3 | 15.5 | 13.5 | -35.9 |
| 5 | Blackgram | T-9 and local | 4.2 | 4.1 | 5.2 | 8 | Var.- PU-10,  Seed treatment with Rhizobium culture @ 30gm/kg of seed, Spraying of Quizalfop ethyle @ 1ltr/ha at 15-20 DAS, Spraying of NPK (19:19:19) @ 10kg/ha and Boron @ 1 kg/ha at 35-40DAS, Spraying of carbendazim + mancozeb @ 1kg/ha and imidacloprid @ 100ml/ha for fungal diseases and sucking pest mgt., spraying of Emamectin Benzoite @ 200gm/ha for caterpillar and pod borer management. | 50 | 20.0 | 6.7 | 4.3 | 5.5 | 25.4 | 5.45 | -45.4 |

1. **Economic parameters**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Variety demonstrated & Technology demonstrated | Farmer’s Existing plot | | | | Demonstration plot | | | |
| Gross Cost  (Rs/ha) | Gross return  (Rs/ha) | Net Return  (Rs/ha) | B:C  ratio | Gross Cost  (Rs/ha) | Gross return  (Rs/ha) | Net Return  (Rs/ha) | B:C  ratio |
| 1 | var.- Dharni + Seed treatment with  carbendazim+ mancozeb @  5gm/kg of seed, post  emergence herbicide  application (Imezathypre @  750ml/ha) at 20-25 DAS,  Application of ZnSO 4 @  10kg/ha at the time of 1 st  interculture operation,  Spraying of neem oil 1500  ppm @ 4ml/ltr, Release of  Trichogramma chilonis and  installation of yellow sticky  trap and pheroman trap for  sucking pest and  lepidoptera pest, spraying  with water soluble boron @  3gm/ltr+ N.P.K (19:19:19)  15gm/ltr during before  flowering stage, Spraying  with imida cloprid @  100ml/ha. | 53200 | 102120 | 48920 | 1.91 | 56800 | 128760 | 71960 | 2.26 |
| 2 | Variety- Dharni, Line sowing (30cmx10cm), Seed treatment with Rhizobium culture @ 250ml/acre, spraying of post emergence herbicie Imezathapyre @ 750ml/ha. | 53400 | 89000 | 43700 | 1.66 | 54000 | 112200 | 58000 | 2.07 |
| 3 | Variety- Smarak, Seed treatment with vitavax power @ 2gm/kg of seed, soil application of ZnSo4@ 4kg per ha, sprayng of carbendazim+ mancozeb, and imidacloprid, foliar application of NPK and Boron | 19800 | 36900 | 17100 | 1.86 | 24200 | 48600 | 24400 | 2.008 |
| 4 | Var.- PRG-176,  Seed treatment with Rhizobium culture @30gm/ kg of seed, post emergence herbicide application of Imezathypre 10%SL @ 750ml/ha, 20-25DAS, Installation of yellow sticky trap @ 12 nos/ha for sucking pest management, spraying of water soluble NPK (19:19:19) @ 10kg/ha and Boron 20% SL@ 1kg/ha at 35 and 55 DAS, & Carbendazim 12%+ Mancozeb63%wp for fungal disease, Spraying of emamectin Benzoite @ 200gm/ha at Pod formation stage for pod borer mgt. | 29800 | 48840 | 19040 | 1.6 | 32300 | 67980 | 35680 | 2.1 |
| 5 | Var.- PU-10,  Seed treatment with Rhizobium culture @ 30gm/kg of seed, Spraying of Quizalfop ethyle @ 1ltr/ha at 15-20 DAS, Spraying of NPK (19:19:19) @ 10kg/ha and Boron @ 1 kg/ha at 35-40DAS, Spraying of carbendazim + mancozeb @ 1kg/ha and imidacloprid @ 100ml/ha for fungal diseases and sucking pest mgt., spraying of Emamectin Benzoite @ 200gm/ha for caterpillar and pod borer management. | 21000 | 33600 | 12600 | 1.6 | 22200 | 44000 | 21800 | 1.98 |

1. **Socio-economic impact parameters**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Crop and variety  Demonstrated | Total Produce  Obtained (kg) | Produce sold  (Kg/household) | Selling  Rate  (Rs/Kg) | Produce used for own sowing (Kg) | Produce distributed to other farmers (Kg) | Purpose for which income gained was utilized | Employment Generated (Mandays/house hold) |
| 1 | Groundnut and Dharani | 2320kg average | 1960kg approx | 55.50/kg | 120kg approx | 40 kg approx | Children education, land development,Marriage, livelihood development | 16MDs/HH average |
| 2 | Groundnut and Dharani | 2040 | 740 | 55/- per kg | 40 |  | Land development, Electric bil payent, cloths for family members and purchase of grosery | 30 |
| 3 | Sesame and Smarak | 540 | 480 | 90/- | 4 |  | Land development, Electric bil payent, cloths for family members and purchase of grosery | 19 |
| 4 | Pigeon pea and PRG-176 | 1030 | 1000 | 66/- | 10 | 4 | Land leveling, children’s education, pakka house, other purposes of household | 19 |
| 5 | Blackgram and PU-10 | 550 | 540 | 80/- | 8 | 4 | Land leveling, children’s education,renovation of kaccha house,and other purposes of household | 16 |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Technologies demonstrated  (with name) | Farmers' Perception parameters | | | | | |
| Suitability to their farming system | Likings  (Preference) | Affordability | Any negative effect | Is Technology acceptable to all in the group/village | Suggestions, for change/improvement, if any |
| 1 | Seed treatment with carbendazim+ mancozeb @ 5gm/kg of seed, post emergence herbicide application (Imezathypre @ 750ml/ha) at 20-25 DAS, Application of ZnSO 4 @ 10kg/ha at the time of 1 st interculture operation, Spraying of neem oil 1500 ppm @ 4ml/ltr, Release of Trichogramma chilonis and installation of yellow sticky trap and pheroman trap for sucking pest and lepidoptera pest, spraying with water soluble boron @ 3gm/ltr+ N.P.K (19:19:19) 15gm/ltr during before flowering stage, Spraying with imida cloprid @ 100ml/ha. | Y | I | 74% | N | 71% |  |
| 2 | Variety- Dharni, Line sowing (30cmx10cm), Seed treatment with Rhizobium culture @ 250ml/acre, spraying of post emergence herbicie Imezathapyre @ 750ml/ha. | Y | 2 | 68% | N | 74% |  |
| 3 | Variety- Smarak, Seed treatment with vitavax power @ 2gm/kg of seed, soil application of ZnSo4@ 4kg per ha, sprayng of carbendazim+ mancozeb, and imidacloprid, foliar application of NPK and Boron | Y | 2 | 71 | N | 73% |  |
| 4 | Var.- PRG-176,  Seed treatment with Rhizobium culture @30gm/ kg of seed, post emergence herbicide application of Imezathypre 10%SL @ 750ml/ha, 20-25DAS, Installation of yellow sticky trap @ 12 nos/ha for sucking pest management, spraying of water soluble NPK (19:19:19) @ 10kg/ha and Boron 20% SL@ 1kg/ha at 35 and 55 DAS, & Carbendazim 12%+ Mancozeb63%wp for fungal disease, Spraying of emamectin Benzoite @ 200gm/ha at Pod formation stage for pod borer mgt. | Yes, the variety and IPM technology is perfectly suitable to the farming system | Due to its potential yield, more no of pod per plant than the locally available cultivars. And short duiration vaiety. That’s why this variety is liked by the farmers | It is low water intake plant, short duration and cost of cultivation is very much marginal. | No such cases has been recorded | Yes, the technology and variety is acceptable by the villagers/beneficiaries | -- |
| 5 | Var.- PU-10,  Seed treatment with Rhizobium culture @ 30gm/kg of seed, Spraying of Quizalfop ethyle @ 1ltr/ha at 15-20 DAS, Spraying of NPK (19:19:19) @ 10kg/ha and Boron @ 1 kg/ha at 35-40DAS, Spraying of carbendazim + mancozeb @ 1kg/ha and imidacloprid @ 100ml/ha for fungal diseases and sucking pest mgt., spraying of Emamectin Benzoite @ 200gm/ha for caterpillar and pod borer management. | Yes, the IPM, INM, IWM technology and variety is perfectly suitable to the farming system | Weed management and control of Sucking pest in Blackgram | The variety and technical intervention is completely affordable by the farmers. | No such cases has been recorded | Yes, the technology and variety is acceptable by the beneficiaries & other villagers | No |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Specific Characteristic | Performance | Performance of Technology vis-a vis Local Check | Farmers Feedback |
| High yielding variety having high potential yield 30 q/ha. | yield 23.2 q/ha, no of pods 57/plant | having yield performance 18.6 q/ha, no of pods 38/plant | Dharani variety has good yield, weed management is major factor for groundnut |
| High yielding variety having high potential yield 25q/ha. | yield 20.4 q/ha, no of pods 51/plant | having yield performance 17.8 q/ha, no of pods 35/plant | Dharani variety has good yield, weed management and spraying of Boron sis major factor for groundnut |
| High yielding variety Samarak | yield 5.4 q/ha | local variety having 4.1 q/ha | high yielding variety and application of Sulphur shown good results |
| high yielding variety, short duration,  no of pods per plant,  100 seed weight | 13.6q/ha, 162 pods/ plant, 55gm/100 seed wt | 10.2 q/ha, 136 pods/ plant 42gm/ 100 seed wt | Pigeon pea prg-176 is liked by the farmers due to its higher productivity, vigorous crop growth, more no of pod per plant and moreover this HYV is tolerant to fusarium wilt and short duration |
| High yielding variety, Avg. no of pod/ plant and 1000 seed wt | 6.6 q/ha, 35 no of pods/ plant, 43.6gm/ 1000 seed wt | 3.92q/ha, 24 no of pods/plant, 31.4gm/1000 seed wt | Variety is perfectly suitable for kharif season with high yielding potential. Moderately tolerant to YVMV & Powdery mildew |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Extension Activities organized | Date and place of activity | Number of farmer attended |
| 1 | Training, field day and kisan gosthi | 30.01.2022, 16.03.2022, 21.03.2022 | 85 |
| 2 | Training, field day, field visit, farmers gosthi | 04.08.2022, 18.08.2022, 05.09.2022 and 12.11.2022 | 124 |
| 3 | Training, field day, field visit | 18.08.2022, 05.09.2022 and 14.11.2022 | 100 |
| 4 | Training, field day, field visit | 14.07.2022, 21.07.2022 and 05.09.2022 | 65 |
| 5 | Training, field visit, farmers gosthi | 13.07.2022, 17.08.2022 and 18.08.2022 | 100 |

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

**J. Details of budget utilization**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop  (provide crop wise information ) | Items | Budget  Received  (Rs.) | Budget  Utilization  (Rs.) | Balance  (Rs.) |
| Groundnut | i) Critical input | 1,20,000/- | 107,380/- | 1,07,380/- |
| ii) TA/DA/POL etc. for monitoring | 2770/- | 2770/- |
| iii) Extension Activities (Field day) | 6650/- | 6650/- |
| iv)Publication of literature | 3200/- | 3200/- |
|  | Total | 1,20,000/- | 1,20,000/- | 1,20,000/- |
| Groundnut | i) Critical input | 2,40,000/- | 2,25,000/- | 2,25,000/- |
| ii) TA/DA/POL etc. for monitoring | 1776/- | 1776/- |
| iii) Extension Activities (Field day) | 5000/- | 5000/- |
|  | iv)Publication of literature | 8,224/- | 8,224/- |
|  | Total | 2,40,000 | 2,40,000/- | 2,40,000/- |
| Sesame | i) Critical input | 1,00,000/- | 83,530/- | 83,530/- |
| ii) TA/DA/POL etc. for monitoring |  |  |
| iii) Extension Activities (Field day) | 2360/- | 2360/- |
| iv)Publication of literature | 14110/- | 14110/- |
|  | Total | 1,00,000/- | 1,00,000/- | 1,00,000/- |
| Pigeon pea | i) Critical input | 90,000/- | 81,585/- | 81,585/- |
| ii) TA/DA/POL etc. for monitoring |  |  |
| iii) Extension Activities (Field day) | 2,000/- | 2000/- |
| iv)Publication of literature | 6415/- | 6415/- |
|  | Total | 90,000/- | 90,000/- | 90,000/- |
| Blackgram | i) Critical input | 1,80,000/- | 1,61,048/- | 1,61,048/- |
| ii) TA/DA/POL etc. for monitoring |  |  |
| iii) Extension Activities (Field day) | 4508/- | 4508/- |
| iv)Publication of literature | 14,444/- | 14,444/- |
|  | Total | 1,80,000/- | 1,80,000/- | 1,80,000/- |
|  |  |  |  |  |
|  |  |  |  |  |

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

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

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | | **ST** | | |
|  | **M** | **F** | **T** | **M** | **F** | | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| **I. Crop Production** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Weed Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Resource Conservation Technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cropping Systems |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Crop Diversification |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Farming | 1 | 10 | 0 | 10 | 5 | 0 | | 5 | 10 | 0 | 10 | 25 | 0 | 25 |
| Micro irrigation/irrigation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Crop Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil & water conservation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated nutrient Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **II. Horticulture** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Off0season vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Exotic vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (a) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **b) Fruits** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Layout and Management of Orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cultivation of Fruit |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of young plants/orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential fruits |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (b) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **c) Ornamental Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential of ornamental plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (c) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **d) Plantation crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (d) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **e) Tuber crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (e) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **f) Spices** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (f) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **g) Medicinal and Aromatic Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (g) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total(a-g) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **III. Soil Health and Fertility Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil fertility management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Nutrient Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of Problematic soils |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro nutrient deficiency in crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nutrient Use Efficiency |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Balance Use of fertilizer |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil & water testing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **IV. Livestock Production and Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Poultry Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Piggery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Animal Nutrition Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Feed & fodder technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **V. Home Science/Women empowerment** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Design and development of low/minimum cost diet |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Designing and development for high nutrient efficiency diet |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Minimization of nutrient loss in processing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing & cooking |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Storage loss minimization techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| 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 |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Use of Plastics in farming practices |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of small tools and implements |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Small scale processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VII. Plant Protection** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Disease Management | 1 | 13 | 4 | 17 | 0 | 5 | | 5 | 3 | 0 | 3 | 16 | 9 | 25 |
| Bio0control of pests and diseases |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VIII. Fisheries** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated fish farming |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Carp breeding and hatchery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Carp fry and fingerling rearing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Hatchery management and culture of freshwater prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Breeding and culture of ornamental fishes |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Portable plastic carp hatchery |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pen culture of fish and prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Edible oyster farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish processing and value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **IX. Production of Input at site** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| 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** |  |  |  |  |  | |  |  |  |  |  |  |  |  |

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

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | | **ST** | | |
|  | **M** | **F** | **T** | **M** | **F** | | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| Nursery Management of Horticulture crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Training and pruning of orchards |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Protected cultivation of vegetable crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Commercial fruit production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermiculture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mushroom Production | 1 | 4 | 9 | 13 | 0 | | 0 | 0 | 1 | 0 | 1 | 5 | 9 | 14 |
| Beekeeping |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Small scale processing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Tailoring and Stitching |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Dairying |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Sheep and goat rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Quail farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Rabbit farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Poultry production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Ornamental fisheries |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Freshwater prawn culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Cold water fisheries |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish harvest and processing technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fry and fingerling rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |

**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 | 8 | 3 | 11 | | 3 | 1 | 4 | 4 | 1 | 5 | 15 | 5 |
| Integrated Nutrient management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Protected cultivation technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Care and maintenance of farm machinery and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Women and Child care |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Low cost and nutrient efficient diet designing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Group Dynamics and farmers organization |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Capacity building for ICT application |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Management in farm animals |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |

**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 | 2 | 30 | 9 | 39 | 2 | 1 | | 3 | 5 | 3 | 8 | 37 | 13 | 50 |
| Resource Conservation Technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cropping Systems | 1 | 3 | 1 | 4 | 15 | 4 | | 19 | 2 | 0 | 2 | 20 | 5 | 25 |
| Crop Diversification | 2 | 0 | 4 | 4 | 5 | 6 | | 11 | 8 | 22 | 30 | 13 | 32 | 45 |
| Integrated Farming |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro irrigation/irrigation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Seed production | 1 | 10 | 0 | 10 | 2 | 1 | | 3 | 9 | 2 | 11 | 21 | 4 | 25 |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Crop Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil & water conservation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated nutrient Management | 1 | 8 | 1 | 9 | 1 | 0 | | 1 | 12 | 2 | 14 | 21 | 4 | 25 |
| Production of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Safe use of herbicide & pesticide in crop | 1 | 10 | 1 | 11 | 0 | 0 | | 0 | 14 | 0 | 14 | 24 | 1 | 25 |
| Total |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **II. Horticulture** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Off0season vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Exotic vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Protective cultivation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (a) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **b) Fruits** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Layout and Management of Orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cultivation of Fruit |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of young plants/orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential fruits |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (b) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **c) Ornamental Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential of ornamental plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (c) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **d) Plantation crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (d) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **e) Tuber crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (e) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **f) Spices** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (f) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **g) Medicinal and Aromatic Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (g) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total(a-g) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **III. Soil Health and Fertility Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil fertility management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Nutrient Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| 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 | 0 | 0 | 2 | 19 | | 21 | 1 | 3 | 4 | 3 | 22 | 25 |
| 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 | 2 | 6 | 22 | 28 | 0 | 0 | | 0 | 0 | 22 | 22 | 6 | 50 | 50 |
| Design and development of low/minimum cost diet |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Designing and development for high nutrient efficiency diet | 1 | 4 | 2 | 6 | 2 | 6 | | 8 | 8 | 5 | 13 | 14 | 13 | 27 |
| Minimization of nutrient loss in processing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing & cooking |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Storage loss minimization techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Value addition | 1 | 0 | 14 | 14 | 0 | 6 | | 6 | 0 | 0 | 0 | 0 | 20 | 20 |
| Women empowerment | 1 | 0 | 11 | 11 | 0 | 14 | | 14 | 0 | 0 | 0 | 0 | 25 | 25 |
| Location specific drudgery reduction technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rural Crafts | 1 | 21 | 0 | 21 | 2 | 0 | | 2 | 2 | 0 | 2 | 25 | 0 | 25 |
| Women and child care |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Mushroom cultivation | 4 | 23 | 38 | 61 | 0 | 27 | | 27 | 0 | 9 | 9 | 0 | 97 | 97 |
| **Total** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VI. Agril. Engineering** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Farm machinery & its maintenance |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Installation and maintenance of micro irrigation systems |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Use of Plastics in farming practices |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of small tools and implements |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Small scale processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VII. Plant Protection** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Pest Management | 4 | 44 | 5 | 49 | 22 | 3 | | 25 | 14 | 12 | 26 | 80 | 20 | 100 |
| Integrated Disease Management | 6 | 52 | 31 | 83 | 18 | 0 | | 18 | 49 | 0 | 49 | 119 | 31 | 150 |
| Bio0control of pests and diseases |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VIII. Fisheries** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated fish farming |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Carp breeding and hatchery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Carp fry and fingerling rearing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Hatchery management and culture of freshwater prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Breeding and culture of ornamental fishes |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Portable plastic carp hatchery |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pen culture of fish and prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Edible oyster farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish processing and value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **IX. Production of Input at site** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-agents production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-pesticides production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-fertilizer production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermi-compost production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Organic manures production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of fry and fingerlings |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Bee-colonies and wax sheets |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Small tools and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of livestock feed and fodder |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Fish feed |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mushroom production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Apiculture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **X. Capacity Building and Group Dynamics** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Leadership development |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Group dynamics |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mobilization of social capital |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Use of different ICT tools in Agriculture | 1 | 3 | 3 | 6 | 2 | | 0 | 2 | 4 | 2 | 6 | 9 | 5 | 14 |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **XI. Agro forestry** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production technologies | 1 | 2 | 2 | 4 | 2 | | 4 | 6 | 6 | 9 | 15 | 10 | 15 | 25 |
| Nursery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Farming Systems | 1 | 0 | 0 | 0 | 0 | | 0 | 0 | 12 | 13 | 25 | 12 | 13 | 25 |
| Others |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **XII. Others (Pl. Specify)** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **GRAND TOTAL** |  |  |  |  |  | |  |  |  |  |  |  |  |  |

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

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | | **ST** | | |
|  | **M** | **F** | **T** | **M** | **F** | | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| Nursery Management of Horticulture crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Training and pruning of orchards |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Protected cultivation of vegetable crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Commercial fruit production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermiculture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mushroom Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Beekeeping |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Small scale processing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Tailoring and Stitching |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Dairying |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Sheep and goat rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Quail farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Rabbit farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Poultry production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Ornamental fisheries |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Freshwater prawn culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Cold water fisheries |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish harvest and processing technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fry and fingerling rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Use of ICT tools in Agriculture | 1 | 15 | 0 | 15 | 0 | | 0 | 0 | 7 | 0 | 7 | 15 | 7 | 22 |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |

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

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | | **ST** | | |
|  | **M** | **F** | **T** | **M** | **F** | | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| Productivity enhancement in field crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Nutrient management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Protected cultivation technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Care and maintenance of farm machinery and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Women and Child care |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Low cost and nutrient efficient diet designing | 1 | 4 | 2 | 6 | 2 | | 6 | 8 | 8 | 5 | 13 | 14 | 13 | 27 |
| Group Dynamics and farmers organization |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Capacity building for ICT application | 1 | 4 | 3 | 7 | 1 | | 0 | 1 | 4 | 2 | 6 | 9 | 5 | 14 |
| Management in farm animals |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |

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

**i. Farmers& Farm Women**

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | | **ST** | | |
|  | **M** | **F** | **T** | **M** | **F** | | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| **I. Crop Production** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Weed Management | 2 | 30 | 9 | 39 | 2 | 1 | | 3 | 5 | 3 | 8 | 37 | 13 | 50 |
| Resource Conservation Technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cropping Systems | 1 | 3 | 1 | 4 | 15 | 4 | | 19 | 2 | 0 | 2 | 20 | 5 | 25 |
| Crop Diversification | 2 | 0 | 4 | 4 | 5 | 6 | | 11 | 8 | 22 | 30 | 13 | 32 | 45 |
| Integrated Farming |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro irrigation/irrigation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Seed production | 1 | 10 | 0 | 10 | 2 | 1 | | 3 | 9 | 2 | 11 | 21 | 4 | 25 |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Crop Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil & water conservation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated nutrient Management | 1 | 8 | 1 | 9 | 1 | 0 | | 1 | 12 | 2 | 14 | 21 | 4 | 25 |
| 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 |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (b) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **c) Ornamental Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential of ornamental plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (c) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **d) Plantation crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (d) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **e) Tuber crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (e) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **f) Spices** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (f) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **g) Medicinal and Aromatic Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total (g) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Total(a-g) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **III. Soil Health and Fertility Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil fertility management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Nutrient Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| 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 | 0 | 0 | 2 | 19 | | 21 | 1 | 3 | 4 | 3 | 22 | 25 |
| 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 | 2 | 6 | 22 | 28 | 0 | 0 | | 0 | 0 | 22 | 22 | 6 | 50 | 50 |
| Design and development of low/minimum cost diet |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Designing and development for high nutrient efficiency diet | 1 | 4 | 2 | 6 | 2 | 6 | | 8 | 8 | 5 | 13 | 14 | 13 | 27 |
| Minimization of nutrient loss in processing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing & cooking |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Storage loss minimization techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Value addition | 1 | 0 | 14 | 14 | 0 | 6 | | 6 | 0 | 0 | 0 | 0 | 20 | 20 |
| Women empowerment | 1 | 0 | 11 | 11 | 0 | 14 | | 14 | 0 | 0 | 0 | 0 | 25 | 25 |
| Location specific drudgery reduction technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rural Crafts | 1 | 21 | 0 | 21 | 2 | 0 | | 2 | 2 | 0 | 2 | 25 | 0 | 25 |
| Women and child care |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Mushroom cultivation | 4 | 23 | 38 | 61 | 0 | 27 | | 27 | 0 | 9 | 9 | 0 | 97 | 97 |
| **Total** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VI. Agril. Engineering** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Farm machinery & its maintenance |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Installation and maintenance of micro irrigation systems |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Use of Plastics in farming practices |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of small tools and implements |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Small scale processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VII. Plant Protection** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Pest Management | 4 | 44 | 5 | 49 | 22 | 3 | | 25 | 14 | 12 | 26 | 80 | 20 | 100 |
| Integrated Disease Management | 7 | 65 | 35 | 100 | 18 | 5 | | 23 | 52 | 0 | 52 | 135 | 40 | 175 |
| Bio0control of pests and diseases |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VIII. Fisheries** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated fish farming |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Carp breeding and hatchery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Carp fry and fingerling rearing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Hatchery management and culture of freshwater prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Breeding and culture of ornamental fishes |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Portable plastic carp hatchery |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pen culture of fish and prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Edible oyster farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish processing and value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **IX. Production of Input at site** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-agents production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-pesticides production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-fertilizer production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermi-compost production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Organic manures production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of fry and fingerlings |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Bee-colonies and wax sheets |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Small tools and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of livestock feed and fodder |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Fish feed |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mushroom production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Apiculture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **X. Capacity Building and Group Dynamics** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Leadership development |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Group dynamics |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mobilization of social capital |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others | 1 | 3 | 3 | 6 | 2 | | 0 | 2 | 4 | 2 | 6 | 9 | 5 | 14 |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **XI. Agro forestry** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production technologies | 1 | 2 | 2 | 4 | 2 | | 4 | 6 | 6 | 9 | 15 | 10 | 15 | 25 |
| Nursery management | 1 | 0 | 0 | 0 | 0 | | 0 | 0 | 12 | 13 | 25 | 12 | 13 | 25 |
| Integrated Farming Systems |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **XII. Others (Pl. Specify)** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **GRAND TOTAL** |  |  |  |  |  | |  |  |  |  |  |  |  |  |

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

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other** | | | **SC** | | | | **ST** | | |
|  | **M** | **F** | **T** | **M** | **F** | | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| Nursery Management of Horticulture crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Training and pruning of orchards |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Protected cultivation of vegetable crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Commercial fruit production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermiculture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mushroom Production | 1 | 4 | 9 | 13 | 0 | | 0 | 0 | 1 | 0 | 1 | 5 | 9 | 14 |
| Beekeeping |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Small scale processing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Tailoring and Stitching |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Dairying |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Sheep and goat rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Quail farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Rabbit farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Poultry production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Ornamental fisheries |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Freshwater prawn culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Cold water fisheries |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish harvest and processing technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fry and fingerling rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Use of ICT tools in Agriculture | 1 | 15 | 0 | 15 | 0 | | 0 | 0 | 7 | 0 | 7 | 15 | 7 | 22 |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |

**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 | 1 | 8 | 3 | 11 | 3 | | 1 | 4 | 4 | 1 | 5 | 15 | 5 | 20 |
| 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 | 4 | 2 | 6 | 2 | | 6 | 8 | 8 | 5 | 13 | 14 | 13 | 27 |
| Group Dynamics and farmers organization |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Capacity building for ICT application | 1 | 4 | 3 | 7 | 1 | | 0 | 1 | 4 | 2 | 6 | 9 | 5 | 14 |
| Management in farm animals |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  | |  |  |  |  |  |  |  |  |

## 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 |
| Agriculture Extension | F/FW | Scientific cultivation practices of Pulses | 1 | Off | 0 | 20 | 20 | 0 | 20 | 20 |
|  | F/FW | Weed management in groundnut | 1 | off | 23 | 2 | 25 | 3 | 0 | 3 |
|  | F/FW | weed management in maize | 1 | Off | 14 | 11 | 25 | 3 | 3 | 6 |
|  | F/FW | Paddy seed production techniques | 1 | Off | 21 | 4 | 25 | 11 | 3 | 14 |
|  | F/FW | Different green manuring crops and its benefits | 1 | Off | 21 | 4 | 25 | 13 | 2 | 15 |
|  | F/FW | Training on IFS model for income generation | 1 | On | 25 | 0 | 25 | 15 | 0 | 15 |
|  | F/FW | Scientific cultivation practices of ragi | 1 | Off | 20 | 5 | 25 | 17 | 4 | 19 |
|  | F/FW | natural farming practices and its benefits | 1 | off | 13 | 12 | 25 | 13 | 8 | 21 |
|  | IS | Use of ICT tools in agriculture | 1 | Off | 9 | 5 | 14 | 6 | 2 | 8 |
|  | F/FW | Safe use of herbicides, pesticides in field crops | 1 | off | 25 | 0 | 25 | 14 | 0 | 14 |
|  | RY | Use of ICT tools in Agriculture | 1 | Off | 25 | 0 | 25 | 7 | 0 | 7 |
|  | FW | Brooding management of poultry chicks | 1 | Off | 0 | 24 | 24 | 0 | 22 | 22 |
|  | F/FW | Vermicompost production technologies | 1 | Off | 13 | 12 | 25 | 0 | 12 | 12 |
| Agroforestry | F/FW | Production techniques of planting materials | 1 | Off | 10 | 15 | 25 | 4 | 6 | 10 |
|  | F/FW | Practicing of silvi pastural system | 1 | Off | 12 | 13 | 25 | 0 | 0 | 0 |
| Home science | F/FW | Paddy straw mushroom cultivation | 1 | Off | 0 | 25 | 25 | 0 | 1 | 1 |
|  | F/FW | Kitchen garden layout and proper crop planning | 1 | Off | 0 | 25 | 25 | 0 | 22 | 22 |
|  | F/FW | Paddy straw mushroom cultivation | 1 | Off | 0 | 25 | 25 | 0 | 14 | 14 |
|  | F/FW | Brooding management of backyard poultry chicks | 1 | Off | 3 | 22 | 25 | 3 | 22 | 25 |
|  | F/FW | Homestead based vocational for farmers and farm women | 1 | Off | 25 | 0 | 25 | 4 | 0 | 4 |
|  | IS | Preparation of balanced diet & meal planning | 1 | Off | 15 | 13 | 25 | 11 | 11 | 22 |
|  | RY | Mushroom spawn production | 5 | On | 5 | 9 | 14 | 1 | 0 | 1 |
|  | F/FW | Scientific Oyster mushroom cultivation | 1 | Off | 0 | 23 | 23 | 0 | 0 | 0 |
|  | F/FW | Proper planning and layout techniques for kitchen garden | 1 | Off | 6 | 19 | 25 | 0 | 0 | 0 |
|  | F/FW | Scientific oyster mushroom cultivation | 1 | Off | 0 | 24 | 24 | 0 | 14 | 14 |
|  | F/FW | Pickle & souce preparation from oyster mushroom | 1 | Off | 0 | 20 | 20 | 0 | 6 | 6 |
|  | F/FW | Pickle preparation from oyster mushroom | 1 | On | 0 | 25 | 25 | 0 | 12 | 12 |
| Plant protection | F/FW | Use of pheromone trap for pest management in cucurbits | 1 | Off | 25 | 0 | 25 | 0 | 0 | 0 |
|  | F/FW | Rootknot nematode management in vegetables | 1 | Off | 25 | 0 | 25 | 20 | 0 | 20 |
|  | F/FW | Sucking pest mgt. in cotton | 1 | Off | 19 | 6 | 25 | 4 | 4 | 8 |
|  | F/FW | FAW management in maize | 1 | Off | 13 | 12 | 25 | 12 | 9 | 21 |
|  | F/FW | Sheath blight and blast disease management in paddy | 1 | Off | 25 | 0 | 25 | 6 | 0 | 6 |
|  | F/FW | YMV disease management in pulses | 1 | Off | 25 | 0 | 25 | 17 | 0 | 17 |
|  | F/FW | Panicle mite infestation anf its management in rice | 1 | Off | 23 | 2 | 25 | 20 | 2 | 22 |
|  | F/FW | Fusarial wilt disease management in pulses | 1 | Off | 15 | 10 | 25 | 0 | 0 | 0 |
|  | IS | Biocontrol of pest & diseases | 1 | Off | 15 | 5 | 20 | 7 | 2 | 9 |
|  | F/FW | Purple blotch & thrips management in onion | 1 | Off | 4 | 21 | 25 | 0 | 0 | 0 |
|  | F/FW | Erwinia blight disease management in banana | 1 | Off | 25 | 0 | 25 | 25 | 0 | 25 |
|  | F/FW | Powdery mildew disease management in mango, pulses and oilseeds | 1 | On | 16 | 9 | 25 | 4 | 6 | 10 |
|  |  |  |  |  |  |  |  |  |  |  |

## 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 | mushroom cultivation | Mushroom spawn production | 5 | 5 | 9 | 14 | spawn production | 2 | 6 | nil |
|  |  |  |  |  |  |  |  |  |  |  |

\*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 |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Income generation activities** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Vermicomposting |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Production of bioagents, biopesticides, |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| biofertilizers etc. |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Repair and maintenance of farm machinery & imlements |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Sericulture |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Mushroom spawn cultivation | 1 | 4 | 9 | 13 | 0 | 0 | 0 | 1 | 0 | 1 | 5 | | 9 | 14 |
| 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** | 1 | 4 | 9 | 13 | 0 | 0 | 0 | 1 | 0 | 1 | 5 | | 9 | 14 |
| **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 |
|  |  |  |
| 1 | Paddy straw mushroom cultivation , Oyster mushroom cultivation, value aadition of oyster mushroom | IGA | Sept. 2022 to Dec. 2022 | 1 day | F/FW | 6 | 180 | ONGC supported |
| 2 | Oyster mushroom cultivation, IPM in pulses, Groundnut cultivation | Crop Production | September, November 2022 | 2 Days | F/FW | 3 | 90 | ATMA, Nuapada |
| 3 | Promotion of millets and cultivation practices | Crop Production | Nov. 2022 | 2 days | PF | 1 | 30 | NGO, CPSW |
| 4 | Cultivation practices of pulses | crop production | sept. 2022 | 2 days | PF | 1 | 30 | ATMA, Kalahandi |

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 | 3 | 23 | 31 | 54 | 2 | 7 | 9 | 10 | 17 | 27 | 35 | | 55 | 90 |
| Commercial production of vegetables |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Production and value addition | 2 | 0 | 38 | 38 | 0 | 4 | 4 | 0 | 18 | 18 | 0 | | 60 | 60 |
| Fruit Plants |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Ornamental plants |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Spices crops |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Soil health and fertility management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Production of Inputs at site |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Methods of protective cultivation |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Total | 5 | 23 | 69 | 92 | 2 | 11 | 13 | 10 | 35 | 45 | 35 | | 115 | 150 |
| **Post harvest technology and value addition** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Farm machinery** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Farm machinery, tools and implements |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Livestock and fisheries** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Livestock production and management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Animal Nutrition Management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Animal Disease Management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Fisheries Nutrition |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Fisheries Management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Home Science** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Household nutritional security |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Economic empowerment of women | 6 | 21 | 67 | 88 | 0 | 22 | 22 | 17 | 53 | 70 | 60 | | 120 | 180 |
| Drudgery reduction of women |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Total | 6 | 21 | 67 | 88 | 0 | 22 | 22 | 17 | 53 | 70 | 60 | | 120 | 180 |
| **Agricultural Extension** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Capacity Building and Group Dynamics |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Total** |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| **Grant Total** | 11 | 44 | 136 | 180 | 2 | 33 | 35 | 27 | 88 | 115 | 95 | | 235 | 330 |

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 | 5 | 135 | 55 | 190 | 39 | 6 | 4 | 10 | 141 | 59 | 200 |
| KisanMela | 8 | 1630 | 594 | 2224 | 31.4 | 22 | 9 | 2255 | 1652 | 603 | 2255 |
| KisanGhosthi | 12 | 215 | 145 | 320 | 37 | 9 | 6 | 15 | 224 | 151 | 375 |
| Exhibition | 6 | 2666 | 974 |  |  |  |  |  |  |  |  |
| Film Show | 6 | mass |  |  |  |  |  |  |  |  |  |
| Method Demonstrations | 5 | 67 | 83 | 150 | 44 | 4 | 7 | 11 | 71 | 90 | 161 |
| Farmers Seminar | - | - | - | - | - | - | - | - | - | - | - |
| Workshop | 1 | 33 | 7 | 40 | 27 | 4 | 1 | 5 | 37 | 8 | 45 |
| Group meetings | 3 | 42 | 28 | 70 | 36 | 3 | 0 | 3 | 45 | 28 | 73 |
| Lectures delivered as resource persons | 27 | 360 | 180 | 540 | 41 |  |  |  |  |  |  |
| Advisory Services | 32 | 29008 | 10192 | 39200 | 34 | 9 | 7 | 16 | 29017 | 10199 | 39216 |
| Scientific visit to farmers field | 104 | 2075 | 1565 | 3640 | 31 | 47 | 16 | 53 | 2122 | 1581 | 3703 |
| Farmers visit to KVK | 29 | 1276 | 960 | 2236 | 37 | 86 | 23 | 109 | 1362 | 983 | 2345 |
| Diagnostic visits | 19 | 216 | 88 | 283 | 29 | 13 | 6 | 19 | 229 | 94 | 323 |
| Exposure visits | 2 | 24 | 16 | 40 | 40 | 2 | 0 | 2 | 26 | 16 | 42 |
| Ex-trainees Sammelan | - | - | - | - | - | - | - | - | - | - | - |
| -Soil health Camp | 1 | 122 | 28 | 150 | 24 | 17 | 9 | 26 | 139 | 37 | 176 |
| Animal Health Camp | 1 | 17 | 8 | 25 | 44 | 6 | 0 | 6 | 23 | 8 | 31 |
| Agri mobile clinic | 6 | 66 | 18 | 84 | 26 | 7 | 0 | 7 | 73 | 18 | 91 |
| Soil test campaigns | - | - | - | - | - | - | - | - | - | - | - |
| Farm Science Club Conveners meet | 1 | 17 | 13 | 30 | 37 | 4 | 1 | 5 | 21 | 14 | 35 |
| Self Help Group Conveners meetings | 1 | 0 | 20 | 20 | 40 | 0 | 2 | 2 | 0 | 22 | 22 |
| MahilaMandals Conveners meetings | - | - | - | - | - | - | - | - | - | - | - |
| Celebration of International Yoga Day | 1 | 30 | 45 | 75 | 41 | 4 | 0 | 4 | 34 | 45 | 79 |
| Celebration of 94th foundation day of ICAR | 1 | 34 | 16 | 50 | 39 | 7 | 2 | 9 | 41 | 18 | 59 |
| Celebration of International Womens day | 1 | 0 | 72 | 72 | 28 | 2 | 3 | 5 | 2 | 77 | 79 |
| 61st Foundation day celebration of OUAT | 1 | 22 | 3 | 25 | 23 | 2 | 0 | 2 | 24 | 3 | 27 |
| Unity day celebration | 1 | 4 | 2 | 6 | 20 | 4 | 1 | 5 | 8 | 3 | 11 |
| Agriculture Education Day celebration | 1 | 54 | 0 | 54 | 8 | 2 | 0 | 2 | 56 | 0 | 56 |
| Women in Agriculture Day celebration | 1 | 0 | 100 | 100 | 64 | 3 | 1 | 4 | 3 | 101 | 104 |
| Mahila Kisan Diwas celebration | 1 | 0 | 50 | 50 | 46 | 3 | 3 | 6 | 3 | 53 | 56 |
| World food day celebration | 1 | 22 | 28 | 50 | 42 | 3 | 2 | 5 | 25 | 30 | 55 |
| World soil day celebration | 1 | 95 | 5 | 100 | 62 | 17 | 9 | 26 | 112 | 14 | 126 |
| Kisan Diwas Celebration | 1 | 39 | 115 | 154 | 23 | 4 | 2 | 6 | 43 | 117 | 160 |
| Sankalp Se Siddhi | - | - | - | - | - | - | - | - | - | - | - |
| Swatchta Hi Sewa | 3 | 24 | 112 | 136 | 56 | 4 | 2 | 6 | 28 | 114 | 142 |
| Any Other (Specify) |  |  |  |  |  |  |  |  |  |  |  |
| Total | 283 | 38293 | 15522 | 53815 |  |  |  |  |  |  |  |

B. Other Extension activities

|  |  |
| --- | --- |
| Nature of Extension Activity | No. of activities |
|
| Newspaper coverage | 6 |
| Radio talks | 4 |
| TV talks | 2 |
| Popular articles | 1 |
| Extension Literature | 6 |
| Other, if any |  |

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

***Village seed***

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Crop | Variety | Quantity of seed  (q) | Value  (Rs) | No. of farmers involved in village seed production | Number of farmers  to whom seed provided | | | | | | | |
| Nil |  |  |  |  | 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 | Swarna Samridhi | 49.8 |  | 25 | 12 |  |  |  |  |  |  |
|  | Sahabhagi | 33 |  | 26 | 10 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Grand Total |  | 82.8 |  | 51 | 22 |  |  |  |  |  |  |

# Production of planting materials by the KVKs

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Crop | Variety | No. of planting materials | Value  (Rs) | Number of farmers  to whom planting material provided | | | | | | | |
|  |  |  |  | SC | | ST | | Other | | Total | |
|  |  |  |  | M | F | M | F | M | F | M | F |
| **Vegetable seedlings** |  |  |  |  |  |  |  |  |  |  |  |
| Cauliflower | C-14, C-15, C-6040, | 5700 | 11400 | 3 | 11 | 2 | 6 | 12 | 3 | 17 | 20 |
| Cabbage | Pride of India, Pusa Agasti | 4870 | 9740 | 3 | 11 | 4 | 3 | 9 | 3 | 16 | 17 |
| Tomato | A. Apekshya, A, Vishesh, A, Samrat, A. Aphed | 25300 | 31620 | 7 | 19 | 16 | 9 | 32 | 14 | 55 | 42 |
| Brinjal | VNR-212, 214,216 | 7740 | 9675 | 6 | 8 | 6 | 4 | 10 | 6 | 22 | 18 |
| Chilli | A. tanvi, A. Swetha | 5884 | 7355 | 9 | 2 | 11 | 4 | 17 | 6 | 37 | 12 |
| broccoli | Destiny | 340 | 780 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| Drumstick | ODC-3 | 1293 | 19395 | 0 | 32 | 9 | 19 | 6 | 16 | 15 | 66 |
| Mushroom spawn | Oyster/Paddy straw | 4443 | 88760 | 7 | 47 | 19 | 22 | 17 | 32 | 43 | 101 |
| **Fruits** |  |  |  |  |  |  |  |  |  |  |  |
| Mango |  |  |  |  |  |  |  |  |  |  |  |
| Guava |  |  |  |  |  |  |  |  |  |  |  |
| Lime |  |  |  |  |  |  |  |  |  |  |  |
| Papaya | RL | 258 | 5160 | 6 | 9 | 13 | 6 | 7 | 4 | 26 | 19 |
| Banana |  |  |  |  |  |  |  |  |  |  |  |
| Dragon fruit | Pink | 73 | 3400 | 0 | 0 | 4 | 0 | 7 | 0 | 11 | 0 |
| Ornamental plants |  |  |  |  |  |  |  |  |  |  |  |
| Medicinal and Aromatic |  |  |  |  |  |  |  |  |  |  |  |
| Plantation |  |  |  |  |  |  |  |  |  |  |  |
| Spices |  |  |  |  |  |  |  |  |  |  |  |
| Turmeric |  |  |  |  |  |  |  |  |  |  |  |
| Tuber |  |  |  |  |  |  |  |  |  |  |  |
| Elephant yams |  |  |  |  |  |  |  |  |  |  |  |
| Fodder crop saplings |  |  |  |  |  |  |  |  |  |  |  |
| Forest Species |  |  |  |  |  |  |  |  |  |  |  |
| Hybrid napier saplings | CO-3 | 500 | 500/- | 9 | 11 | 0 | 0 | 0 | 0 | 9 | 11 |
| Total |  | 56401 | 1,87,785 |  |  |  |  |  |  |  |  |

**Production of Bio-Products**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name of product | Quantity | Value (Rs.) | No. of Farmers benefitted | | | | | | | |
| Kg |
|  |  |  | SC | | ST | | Other | | Total | |
|  |  |  | M | F | M | F | M | F | M | F |
| Bio-fertilizers | 10 | 150 | 2 | 0 | 2 | 0 | 5 | 0 | 9 | 0 |
| Bio-pesticide |  |  |  |  |  |  |  |  |  |  |
| Bio-fungicide |  |  |  |  |  |  |  |  |  |  |
| Bio-agents | 0.5 | 500/- | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| Others, Vermicompost | 102 | 1530 | 4 | 6 | 2 | 0 | 9 | 0 | 15 | 6 |
| Total |  |  |  |  |  |  |  |  |  |  |

# 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) | Banaraja, Kadaknath, Aseel, kaberi | 6912 | 5,02,618 | 40 | 90 | 20 | 4 | 22 | 19 | 82 | 113 |
| Japanese Quail |  |  |  |  |  |  |  |  |  |  |  |
| Turkey |  |  |  |  |  |  |  |  |  |  |  |
| Emu |  |  |  |  |  |  |  |  |  |  |  |
| Ducks |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  |  |  |  |  |  |  |
| Piglet |  |  |  |  |  |  |  |  |  |  |  |
| Hog |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |
| Fisheries |  |  |  |  |  |  |  |  |  |  |  |
| Indian carp |  |  |  |  |  |  |  |  |  |  |  |
| Exotic carp |  |  |  |  |  |  |  |  |  |  |  |
| Mixed carp |  |  |  |  |  |  |  |  |  |  |  |
| Fish fingerlings |  |  |  |  |  |  |  |  |  |  |  |
| Spawn |  |  |  |  |  |  |  |  |  |  |  |
| Fish | IMC | 71kg | 6910 | 2 | 0 | 7 | 0 | 0 | 0 | 9 | 0 |
| Grand Total |  |  |  |  |  |  |  |  |  |  |  |

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

i) Name of Seed Hub Centre: Nill

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

ii) Quality Seed Production Reports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Season | Crop | Variety | Production (q) | | | |
| Target | Area sown (ha) | Production | Category of Seed  (F/S, C/S) |
| Kharif 2022 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Rabi 2020-21 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Summer/Spring 2022 |  |  |  |  |  |  |
| Kharif 2022 |  |  |  |  |  |  |
| Rabi 2021-2022 |  |  |  |  |  |  |

iii) Financial Progress

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fund received  (2019-20, 2020-21, 2021-22 and 2022-23) | Expenditure (Rs. in lakhs) | | Unspent balance  (Rs. in lakhs) | Remarks |
| Infrastructure | Revolving fund |
| 2019-20 |  |  |  |  |
| 2020-21 |  |  |  |  |
| 2021-22 |  |  |  |  |
| 2022-23 |  |  |  |  |

iv) Infrastructure Development

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item | Title | Author’s name | Number | Circulation |
| Research paper | Effect of seed priming on different physiological parameters of cow pea (Vigna unguiculata L. Walp) seeds collected from western Odisha | N Pradhan, rajeeb lochan Moharana, N. Ranasingh, K K Biswal, Sanjay Kumar Bardolui | 1 | 30 |
| Seminar/conference/ symposia papers |  |  |  |  |
| Books |  |  |  |  |
| Bulletins |  |  |  |  |
| News letter |  |  |  |  |
| Popular Articles |  |  |  |  |
| Book Chapter |  |  |  |  |
| Extension Pamphlets/ literature | Azolla chasa, Badi aganare kukuda palan, munga chasa, Biri chasa, Jiakhata Chasa, Dhingari au pala Chhatu chasa, khyudra chasi kukuda palan, | Dr. Saswati Pattanaik,  Dr. Kshirod Kumar Biswal  Mr. Lakhan Lal Meena | 4000 nos | 2200 leaflets/ pamplets circulated |
| Technical reports |  |  |  |  |
| Electronic Publication (CD/DVD etc.) | CD on Pest and disease management in cotton  BPH Management in Paddy, Stem Borer management in paddy, Biocontrol of pest by the use of trichocard, mushroom value addition, Ragi cultivation and its value addition | Dr. Saswati Pattanaik,  Dr. Kshirod Kumar Biswal  Mr. Lakhan Lal Meena | Mass | displayed in different farmers mela, website of KVK, Nuapada and other programmes. |
| 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. | Training programme | Collaborative training for master trainers on FPO management | Dr. Kshirod Kumar Biswal | 19.12.2022 to 21.12.2022 | DEE, OUAT |
| 2. | Training Porgramme | Training on sericulture at CTRTI, Ranchi | Dr. Kshirod Kumar Biswal | 11.10.2022 to 15.10.2022 | CTRTI, Ranchi |
| 3. | Training programme | Refresher training for Scientist/ SMS of KVKs (Agriculture Extension) | Mr. Lakhan Lal Meenaa | 07.09.2022 to 09.09.2022 | DEE, OUAT |
| 4. |  |  |  |  |  |
| 5. |  |  |  |  |  |
| 6. |  |  |  |  |  |
| 7. |  |  |  |  |  |

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

|  |  |
| --- | --- |
| Name of farmer | Bhupendra thela |
| Address | Village- Jamogaon, GP- Bargaon, Block- Sinapali,  Dist.- Nuapada. |
| Contact details (Phone, mobile, email Id) | Mob.- 9556021437 |
| Landholding (in ha.) | 1.2ha ( Paddy 1.0ha, 0.2vegetables/pulses/ mushroom unit ) |
| Name and description of the farm/ enterprise | Round the year paddy straw and oyster mushroom cultivation. He first take training on mushroom cultivation at KVK, Nuapada followed by FLD on mushroom cultivation and started mushroom cultivation with 20 beds of oyster mushroom in 2021 and then he increase the no of beds. In 2022 he has got some hand holding support from KVK and horticulture department for mushroom cultivation unit and he produced around 4261kg mushroom in 2022-23. |
| Economic impact | gross cost- Rs.- 1, 46, 400/-  Gross return- Rs- 5,11,320  Net Return- Rs.- 3,64,920/- |
| Social impact | He became a master trainer in his Grampanchayat and trained 3 no of SHG members and 14 no of other youths for production in group approach. Now a total 23 farmers in his village started mushroom cultivation in small scale. |
| Environmental impact | Residue burning in paddy field has been partially checked through recycling of paddy straw in mushroom cultivation which again he is using mushroom beds after production for vermi-compost production which is a very good example for others. |
| Horizontal/ Vertical spread | A total 23 no of farmers, rural youth and farm women started mushroom cultivation in his village at small scale. |
| Good quality photographs (2-3) | C:\Users\KVK Nuapada\OneDrive\Desktop\395e26db-4189-44f6-a6cf-70a1259e8566.jpgC:\Users\KVK Nuapada\OneDrive\Desktop\4247eb40-ac9b-438a-81b6-f3899fc85e7e.jpgC:\Users\KVK Nuapada\OneDrive\Desktop\a4f9cd2b-de77-4a80-8df0-8360c1484e90.jpgC:\Users\KVK Nuapada\OneDrive\Desktop\CFLD RABI-22-23\536b301b-38d8-4b71-a613-5c0cccdb5c1f.jpg |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Name/ Title of the technology | Name/ Details of the Innovator(s) | Brief details of the Innovative Technology |
| 1 | Mannual Basal fertilizer applicator | Janardan rana, Village- Mahuabhata, Nuapada NAC Ward no 13, Dist.- Nuapada  Mob. No- 9937712403 | This implement is operated mannualy by individual, it can be use for fertilizer application in vegetables, maize, cucurbits and tuber crops for basal dose and secondary dose. On an average 3 hours /acre and effectively for basal application of fertilizers at root zone of the plant. Its very low cost implement which is only 300/ per piece. |

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 |  |  |  |

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 | Vegetables | 28ha | 3900q | 110 | Y |
| 2 | Ragi | 72ha | 620q | 180 | 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 | To analye the resource availability |
| 2 | Problem matrix and root cause analysis | To indentify the real problems and cause of that |
| 3 | Research Extension linkage with line department | To converge the schemes and find researchable issues and technology dissemination. |
| 4 | Action plan planning | To implement the need based activities. |
| 5 | Farmers group discussion | To implement the programmes in group approach |
| 6 | Lession plan | Planning of lesion for training |

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

|  |  |  |
| --- | --- | --- |
| Sl. No | Name of the Equipment | Qty. |
| 1 | Mini kit | 2 |
| 2 | Flame photometer systromics model-128 | 1 |
| 3 | Double beam UV- visible spectro photometer model | 1 |
| 4 | All glass double distillation unit borosil | 1 |
| 5 | DAPS power supply | 1 |
| 6 | Rotary shaker REMI model | 1 |
| 7 | Digital balance WENSAR model | 1 |
| 8 | Precision analytical balance model | 1 |
| 9 | AC voltas 2T | 2 |
| 10 | Refrigerator | 1 |
| 11 | Automatic nitrogen analyzer with digestion unit | 1 |
| 12 | Electronic kelpas micro processor | 1 |
| 13 | Electronic foru stage fully automatic micro processor | 1 |
| 14 | PH, EC, TDS combined meter | 1 |
| 15 | Digital soil moisture meter DELTA-T | 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 |  |  |  |
| 17 | nil | 17 | 80 | 5 | nil |
|  |  |  |  |  |  |

3.11.c. Details on World Soil Day

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Activity | No. of Participants | No. of VIPs | Name (s) of VIP(s) | Number of Soil Health Cards distributed | No. of farmers benefitted |
| 1 | World soil day celebration | 120 | 4 | Sj. Rajendra Dholakia Hon’ble Minister Govt. of Odisha, Sj. Hetmkanta say Collector cum District Magistrate, Sj. Homsingh Majhi, Representative Hon’ble MP, Kalahandi, Sj. B. P Majhi, VP, Zillaparishad | 100 | 100 |
|  |  |  |  |  |  |  |

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 |
| 2 | 2 | 100 | 40 | 4 |
| Farmers fair on the theme of “catch the rain” | 1 | 0 | 150 | 6 |

3.13. Technology week celebration

|  |  |  |  |
| --- | --- | --- | --- |
| Type of activities | No. of activities | Number of participants | Related crop/livestock technology |
| - | - | - | - |

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

|  |  |
| --- | --- |
| No of student trained | No of days stayed |
| 16 | 8 |

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

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

|  |  |  |
| --- | --- | --- |
| Date | Name of the person | Purpose of visit |
| 17.11.2022 | Dr. S. K. Khatua Joint Director Soil conservation & District nodal officer | Attend RE Linkage meeting and visit to demo units |
|  |  |  |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of specific technology/skill transferred | No. of participants | % of adoption | Change in income (Rs.) | |
| Before (Rs./Unit) | After (Rs./Unit) |
| Training on mushroom spawn production | 10 | 60% | nil | 13800/ unit/ month |
|  |  |  |  |  |

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 |
| Demonstration on oyster mushroom cultivation | Demonstration on oyster mushroom cultivation has been conducted under SCSP programme and other category farmers as total 74 no of farmers and now we recorded that 13 no of SHGs producing oyster mushroom, 86 no of youth, farmers and women farmers are producing oyster mushroom.  two no of training on value addition of oyster mushroom also conducted and 2 no of SHGs are producing mushroom pickle and selling in local market. |
| Demonstration on dual purpose poultry bird for sustainability | In 2022 a demonstration on dual purpose poultry breed Banaraja/ Aseel, Kaberi and kadaknath has been conducted with 130 no of farmers under SCSP 2022-23 and successfully they are rearing in backyard. Banarajj and Aseel is highly accepted due to early growth and Kaberi for high egg laying capacity. |
| Demonstration on Millets with package of practices | In 2022-23 we have conducted demonstration on Millet crops like Ragi, Kodo and Gurji in 10 ha area under SCSP 2022-23 and found good results. All the beneficiaries produce an average 12.8q /ha ragi and now around 4200ha area has been planned for ragi cultivation under millet mission of the district and around 5000ha for small millets in kharif 2023. |
| Demonstration on blast management in Ragi | Demonstration on blast management in ragi has been conducted in last 2 years and found good results as around 23 % yield increase by reduce the blast infestation in Ragi and Variety Arjun is highly suitable for nuapada district and covers around 4000ha ragi in kharif season. |

Give information in the same format as in case studies

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

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Brief details of technology | Impact of the technology in subjective terms | Impact of the technology in objective terms |
| 1 | Demonstration on oyster mushroom cultivation | In the district, mushroom cultivation has increased in last years after conducting training, method demonstration and FLD programmes regularly through use of local resources. People are now consuming mushroom for different occasions produced by SHGs, entrepreneurs in the district. Migration of labours has been checked to some extent. Noe farmers, farm women and rural youths are getting sustainable income from mushroom. | A total 283 nos of mushroom growers are there in district.  Average yield of oyster mushroom is 2.4kg/bed.  net return Rs.- 218/- per bed  B:C Ratio- 4.1 |

4.4. Details of innovations recorded by the KVK

|  |  |
| --- | --- |
| Thematic area | Farm tools for drudgery reduction |
| Name of the Innovation | Mannual fertilizer applicator at root zone |
| Details of Innovator | Janardan rana, Village- Mahuabhata, Nuapada NAC Ward no 13, Dist.- Nuapada  Mob. No- 9937712403 |
| Back ground of innovation | its developed by the Janardan Rana to minimize the fertilizer loss in water, air and applicable to the root zone of the plant as need based. |
| Technology details | it is operated mannualy by individual, it can be use for fertilizer application in vegetables, maize, cucurbits and tuber crops for basal dose and secondary dose. On an average 3 hours /acre and effectively for basal application of fertilizers at root zone of the plant. Its very low cost implement which is only 300/ per piece. |
| Practical utility of innovation | fertilizer application directly at root zone without any loss. Its working 3 hours/ acre. Cost effectively and frieldnly. |

4.5. Details of entrepreneurship development

|  |  |
| --- | --- |
| Entrepreneurship development | |
| Name of the enterprise | Broiler poultry farming |
| Name & complete address of the entrepreneur | Brundabati Kharsel, Village- Junani, G.P- Godfula, Block- Nuapada, Dist.- Nuapada. Mob. No.- 7606025117 |
| Role of KVK with quantitative data support: | Training on poultry farming.  FLD on backyard poultry farming with 13 no of farm women in Junani. |
| Timeline of the entrepreneurship development | Training on backyard poultry farming in 2021.  FLD on poultry farming in November 2021.  Apply for broiler farm under MKUY scheme in 2022 and completed the broiler farm unit before july 2022 and started farming in October 2022. |
| Technical Components of the Enterprise | Housing pattern and management, Brooding management, feeding and watering management, harvesting technology, post-harvest house management, marketing. |
| Status of entrepreneur before and after the enterprise | Before the broiler farming she cultivate only fishes IMC in small pond and got around 55,000/- per year and she planned for broiler farm after getting training from KVK, Nuapada and started broiler farming in October 2022 with 9000 chicks and she got 90, 000/- net profit in first phase (40 days) and continuiously doing broiler farming with broiler farming company IB, Pashpati and Shalimar pvt. Ltd. |
| Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. ( Economic viability of the enterprise): | material like drinker, feeder, feed is not available locally, labours are available, marketing is there through private agencies like Indian broiler, Shalimar and pashupati Pvt. Ltd.  The unit has been established under Mukshyamantri Krishi Udyog Yojana (MKUY) Govt. of Odisha and she got 50% subsidy on establishment of unit as rs, 7.0lakhs |
| Horizontal spread of enterprise | around 90 farmers started small scale broiler farming through Govt. scheme and 37 no of SHGs also started for 1000 chicks capacity unit by the help of Govt, in subsidiary scheme. |

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

|  |  |
| --- | --- |
| Name of organization | Nature of linkage |
| CHES, Bhubaneswar | Technology, QPM. |
| CTCRI, Bhubaneswar | Technology, QPM, exposure visit. |
| CPDO, Bhubaneswar | Technology, day old chicks poultry, quail etc. |
| CARI, Bhubaneswar | Technology, Exposure visit and day old chicks of ducks |
| NRRI, Bhubaneswar | Technology, Seed material, Exposure visit, |
| CIFA, Bhubaneswar | Technology, exposure visit, Fish seed material |
| RPRC, Bhubaneswar | Seed material, Exposure visit. |
| ATMA | Expert support, demonstration, field visit, technology dissemination, training, |
| NAFCC | Training, field visit, demonstration |
| ICRAF | Training, field visit, |
| NABARD | Training, FPO formation, |

5.2. List of special programmes undertaken during 2022by 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.) |
| National Adaptation Fund for Climate Change (NAFCC) | establishment of new demo units viz goat and poultry at KVK Campus | 2019-20(due to COVID-19 situation it has not been completed in due time) | NAFCC, Govt. of Odisha | 18.74 lakhs |

(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.) |
| National Adaptation Fund for Climate Change (NAFCC) | Rural Youth Training to programmes on mushroom spawn production | February 2022 | Asst. Executive En. MI, Division Khariar, NAFCC | 16000/- |
| Odisha Livelihood Mission | Training programmes on mushroom spawn production WSHGs | August 2022 | DPM, OLM, Nuapada | 20,000/- |
| Odisha Natural Gas Corporation (ONGC), *Krishi Kuashal Kendra*and Govt. of Odisha | Training and handholding support to WSHGs & Rural Youth on mushroom cultivation and spawn production. | August 2022 to December 2022 phase wise | ONGC. | 42000/- |
| Kisan Bhagidari Prathmikta Humari | Kisan Mela | 26.04.2022 and 28.04.2022 | Govt. of India | 1,00,000/- |
| Gareeb Kalyan Farmers fair | Kisan mela | 31.05.2022 | Govt. of India | 2,26,720/- |
| FPO | Formation of 2 new FPOs | june 2022 | NCDC, Ministery of Coopration, Govt. Of India | 4,00,000/- |
| PM Kisan samman sammelan | Exposure visit of farmers to Kisan taqnik programme at IARI, New Delhi | 17.10.2022 | Govt. Of India | 16040/- |
| Sponsored by NGO | Residential training to Farmers and Farm women | December 2022 | NGO, CPSW | 6000/- |

1. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of demo Unit | Year of estt. | Area(Sq.mt) | Details of production | | | Amount (Rs.) | | Remarks |
| Variety/breed | Produce | Qty. | Cost of inputs | Gross income |
| 1. | Mushroom spawn | 2009-10 |  | Oyster and paddy straw |  | 4443 | 70300 | 88760.00 |  |
| 2. | Polyhouse | 2011-12 | 23.6 | vegetables seedlings |  | 51385 | 50640 | 95225 |  |
| 3. | Azolla | 2020-21 | 40 | azolla |  | 10 | - | 150 |  |
| 4. | Mushroom production | 2011-12 | 17.5 | oyster & paddy straw |  | 20kg | 900/- | 2000 |  |
| 5. | fodder unit | 2020 | 100 | CO-3 saplings |  | 500 | - | 750 |  |
| 6. | Apiary | 2022 | 20 |  |  | - | - | - | newly started |
| 7. | Guava orchard | 2020 | 4000 | VNR, L-49 |  | 50kg | - | 1000 | 3yr old plants |
| 8 | Mango Orchard | 2020 | 1500 |  |  | - | - | - | no fruiting |
| 9. | Apple ber orchard | 2020 | 1500 | Green ber |  | 40kg | - | 800 | new fruiting |
| 10 | Herbal Garden | 2018 | 800 | medicinals plants |  | - | - | - |  |
| 11 | Shade house |  | 37 | QPM |  | 75 | 1200 | 3400 |  |
|  | 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 |
| Paddy |  |  | 3.0 | Swarna Samridhi | FS | 49.8 | 1,20,200/- | 1,77,387/- |  |
| Paddy |  |  | 1.5 | Sahabhagi | FS | 33.0 | 40,000/- | 1,17546/- |  |
| Chickpea |  |  | 0.4 | NBeG-49 | TL | 1.3 | 4200/- | 9,750/- |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.  No. | Name of the Product | Qty. (Kg) | Amount (Rs.) | | Remarks |
| Cost of inputs | Gross income |
| 1. | vermicompost | 102 | 940 | 1530 |  |
|  | Earthworm | 0.5 | 150 | 500 |  |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No | Name  of the animal / bird / aquatics | Details of production | | | Amount (Rs.) | | Remarks |
| Breed | Type of Produce | Qty. | Cost of inputs | Gross income |
| 1. | Poultry | Banaraj, aseel, kaberi, kadaknath | 21 days chicks | 6912 | 3,82,000 | 502618 |  |
| 2. | Fish | IMC | table | 71kg | 1600 | 6910 |  |
| 3. | rabbit |  |  |  |  |  | newly established |
| 4. | Goatery |  |  |  |  |  | newly established |

* 1. Utilization of hostel facilities

Accommodation available (No. of beds)

|  |  |  |  |
| --- | --- | --- | --- |
| Months | No. of trainees stayed | Trainee days  (days stayed) | Reason for short fall (if any) |
| July | 25 | 2 |  |
| September | 30 | 2 |  |
| November | 25 | 1 |  |
| December | 30 | 2 |  |
| Total : |  |  |  |

(For whole of the year)

* 1. Utilization of staff quarters

Whether staff quarters has been completed: yes

No. of staffquarters: 6

Date of completion: 2011

Occupancy details:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Months | Q I | QII | Q III | QIV | Q V | QVI |
|  | 12 month 12 months vacant 12 months 12 months 12 months | | | | | |
|  |
|  |
|  |

1. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

|  |  |  |  |
| --- | --- | --- | --- |
| Bank account | Name of the bank | Location | Account Number |
| Current Suravi Account | SBI, Main Branch | Nuapada | 11200070514 |
| Saving account | SBI, ADB, | Nuapada | 30361150779 |
| PFMS account | SBI, Main Branch | Nuapada | 41541408917 |
| PFMS account | SBI, ADB, Nuapada | Nuapada | 39330531936 |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Released by ICAR | | Expenditure | | Unspent balance as on - |
| Kharif | Rabi | Kharif | Rabi |
| Critical inputs like seed, seed treating chemicals, herbicides, NPK, Boron, Yellow sticky trap, trichocard, pesticides etc. Training, field day | 3,40,000 | 3,00,000 | 3,40,000 | 3,00,000 | 0 |
|  |  |  |  |  |  |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Released by ICAR | | Expenditure | | Unspent balance as on 1st April 2013 |
| Kharif | Rabi | Kharif | Rabi |
| critical inputs, POL, Other extension activities, | 2,68,800 | nil | 2,68,800/- | nil | 0 |
|  |  |  |  |  |  |

* 1. Utilization of KVK funds during the year 2022-23(Not audited)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl.  No. | Particulars | Sanctioned | Released | Expenditure |
| A. Recurring Contingencies | | | | |
| 1 | Pay & Allowances | 80,82,000/- | 80,82,000/- | 64,05,121/- |
| 2 | Traveling allowances | 1,10,000/- | 1,10,000/- | 1,00,436/- |
| 3 | Contingencies | | | |
| *A* | Stationary, telephone,postage& other exp. On office running publication of newsletters | 2,40,234/- | 2,40,234/- | 2,40,234/- |
| *B* |  |
| *C* | Trg./Training material | 1,78,760/- | 1,78,760/- | 1,78,760/- |
| *D* |  |
| *E* | FLD | 89,813/- | 89,813/- | 89,813/- |
| *F* | OFT | 89,993/- | 89,993/- | 89,993/- |
| *G* | SCSP | 18,90,000/- | 18,90,000/- | 18,90,000/- |
| *H* |  |  |  |  |
| *I* |  |  |  |  |
| *J* | Swachhta Expenditure | 16,950/- | 16,950/- | 16,950/- |
| TOTAL (A) | | 1,06,97,750/- | 1,06,97,750/- | 90,11,307/- |
| B. Non-Recurring Contingencies | | | | |
| 1 | Non-Recurring | 1,40,000/- | 1,40,000/- | 1,40,000/- |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| TOTAL (B) | |  |  |  |
| C. REVOLVING FUND | |  |  |  |
| GRAND TOTAL (A+B+C) | | 1,08,37,750/- | 1,08,37,750/- | 91,51,307/- |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year | Opening balance as on 1st April | Income during the year | Expenditure during the year | Net balance in hand as on 1st April of each year (Kind + cash) |
| 2018-19 | 5,840 | Rs.11,85,971 | Rs.4,73,364 | 7,12,607 |
| 2019-20 | 7,12,607 | Rs.9,74,870 | Rs.7,03,769 | 1,98,049 |
| 2020-21 | 1,98,049 | Rs 9,32,440 | 3,81,556 | 73169 and kind (4, 77 715) |
| 2021-22 | 73,169 | Rs 12,00326 | 7, 08,836 | 2,02,927 and kind (2,88,563) |
| 2022-23 | 2,02,927 | Rs. 12,90,630 | 9,12,840 | 3,88,161.1 and kind (Paddy seed 52.8q stock) |

* 1. (i) Number of SHGs formed by KVKs: 8 no of SHG formed and promoted for mushroom cultivation, backyard poultry rearing and value addition of oyster mushroom and millets.

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

KVK, is associated with 52 SHG and conducted training on oyster mushroom, paddy straw mushroom, mushroom spawn production, backyard poultry rearing, value addition of mushroom and millets etc.

(iii) Details of marketing channels created for the SHGs: SHGs are channelled with ORMAS and mission Shakti for marketing of their products.

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Nameof activity | Number of activity | Season | With line department | With ATMA | With both |
| Joint Diagnostic field visit | 13 | Kharif, rabi | Agriculture | 2 | 15 |
| Joint field visit | 6 | Khari and rabi | Horticulture | - | 6 |
| Joint visit | 9 | round the year | Agroculture, OLM, Veterinary, Fishery, NGOs | 2 | 11 |

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) |
| Brown plant hopper, white brown plant hopper | rice | October 2022 | 640ha | 13% | Joint diagnostic field visit, farmer’s scientist interaction, leaflet distribution, short video display and training programmes. |
| Stem borer | rice | last week of august 2022 | 4130ha | 8% | Joint diagnostic field visit, farmer’s scientist interaction, leaflet distribution, short video display and training programmes. |
| FAW | Maize | Last week of August 2022 | 610ha | 18% | FLD, Joint diagnostic field visit, farmer’s scientist interaction, leaflet distribution, and training programmes. |
| Blast | Ragi | July 2022 to September 2022 | 590ha | 17% | Training, FLD, Joint Diagnostic field visit, Training etc. |
| Panicle mite | rice | October 2022 | 3860ha | 12% | OFT, Training, joint diagnostic field visit, leaflet etc |
| Sucking pest | Cotton | August 2022 to Oct. 2022 | 2350ha | 14% | FLD, Training, diagnostic field visit, farmer scientist interaction, short video display etc. |
| YMV | pulses | August 2022 to Nov. 2022 | 2620ha | 18% | Training, field visit, leaflet distribution etc. |

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) |
| FMD | Cow, Goat | Nov. 2022 to Dec. 2022 | 3% | 420 | Animal Health camp, awareness etc. |
|  |  |  |  |  |  |

9.1. Nehru YuvaKendra(NYK) Training

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

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 |
| Nil |  |  |  |  |

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

|  |  |  |
| --- | --- | --- |
| Type of message | No. of messages | No. of farmers covered |
| Crop | 14 | 39520 |
| Livestock | 4 | 8600 |
| Fishery | 0 |  |
| Weather | 11 | 39520 |
| Marketing | 0 |  |
| Awareness | 1 | 39520 |
| Training information | 0 |  |
| Other | 2 | 39520 |
| **Total** | 32 | 166680 |

9.4. *KVK* Portal and Mobile App

|  |  |  |
| --- | --- | --- |
| Sl. No. | Particulars | Description |
| 1. | No. of visitors visited the portal | *5588* |
| 2. | No. of farmers registered in the portal | *1325* |
| 3. | Mobile Apps developed by KVK | *yes* |
| 4. | Name of the App | *sabujima* |
| 5. | Language of the App | *English* |
| 6. | Meant for crop/ livestock/ fishery/ others |  |
| 7. | No. of times downloaded | *93* |

9.5. a. Observation of Swachh Bharat Programme

|  |  |
| --- | --- |
| Date/ Duration of Observation | Activities undertaken |
|
| 28.10.2022 | Cleaning of school area, awareness on waste management, sponsored vermicompost bed and use of waste as organic matter. |
| 31.10.2022 | cleaning at village Silda, group meeting and aware farmers for waste management. |
| 31.10.2022 | Organise cleaning, awareness programme with SHGs members at Biromal |

b. Details of Swachhta activities with expenditure

|  |  |  |
| --- | --- | --- |
| **Activities** | **Number** | **Expenditure (in Rs.)** |
| 1. Digitization of office records/ e-office | 1 | 2100/- |
| 1. Basic maintenance | 10 | 3260/- |
| 1. Sanitation and SBM | 3 | 4200/- |
| 1. Cleaning and beautification of surrounding areas | 5 | 8000/- |
| 1. Vermicomposting/Composting of biodegradable waste management & other activities on generate of wealth for waste | 10 | 14050/- |
| 1. Used water for agriculture/ horticulture application | 1 | nil |
| 1. Swachhta Awareness at local level | 1 | 2000/- |
| 1. Swachhta Workshops | nil |  |
| 1. Swachhta Pledge | 1 | nil |
| 1. Display and Banner | 2 | 600/- |
| 1. Foster healthy competition | nil |  |
| 1. Involvement of print and electronic media | nil |  |
| 1. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village) | 3 | 4200/- |
| 1. No of Staff members involved in the activities | 8 | nil |
| 1. No of VIP/VVIPs involved in the activities | nil |  |
| 16. Any other specific activity (in details) |  |  |
| **Total** |  |  |

9.6. Observation of National Science day

|  |  |
| --- | --- |
| Date of Observation | Activities undertaken |
|
| 28.02.2022 | National science Day “ Integrated Approach in Science and Technology for Sustainable Future” Group discussion, Quiz competition etc. |

9.7. Programme with SeemaSurakshaBal/ BSF

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

9.8. Agriculture Knowledge in rural school

|  |  |  |  |
| --- | --- | --- | --- |
| Name and address of school | Date of visit to school | Areas covered | Teaching aids used |
| Govt. SSD grils school, Kotenchuan, Nuapada | 28.102.22 | Future of Agriculture, Organic farming, waste management | Audio visual aids |
|  |  |  |  |

Give good quality 1-2 photograph(s)

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

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

9.10. Details of Swachhta Hi Surakshaprogramme organized

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.  No. | Activity | No. of villages Involved | No. of Participants | No. of VIPs | Name (s) of VIP(s) |
| 1 | 3 | 3 | 180 | nil |  |

9.11. Details of MahilaKisan Divas programme organized

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.  No. | Activity | No. of villages Involved | No. of Participants | No. of VIPs | Name (s) of VIP(s) |
| 1 | Group discussion, Seminar, Art competition | 3 | 50 | nil | nil |

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 | Brundabati Kharsel | Village- Junani, Block- Nuapada 7606025117 | Broiler farming 9000 chicks capacity |
| 2 | Toshranjan Sahu | village- Palsaguda, Block- Nuapada9777290011 | IFS model |
| 3 | Mayadhar Rana | Village- Pipalchandi, Block- Nuapada 9938073112 | fresh water prawn production |
| 4 | Bhupendra Thela | Village- Jamgaon, Block- sinapali  9556021437 | Mushroom cultivation |
| 5 |  |  |  |
|  |  |  |  |

9.13. Revenue generation

| Sl.No. | Name of Head | Income(Rs.) | Sponsoring agency |
| --- | --- | --- | --- |
| 1. | Training hall charge | 11500/- | ONGC, ATMA, CPSW |
| 2. | Farmers hostel | 8000/- | ATMA, CPSW, OLM |
| 3. |  |  |  |

9.14. Resource Generation:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.No. | Name of the programme | Purpose of the programme | Sources of fund | Amount  (Rs. lakhs) | Infrastructure created |
| 1 | borewell and irrigation cahnnel | Drinking and irrigation water supply | ICAR | **4.0lakhs** | **Borewell and irrigation channel** |

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 |
| nil |  |  |
|  |  |  |

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 | Nuapada | crop production | 8 | 250 | demonstration on drought tolerant paddy variety C R Dhan-101, demonstration on Millets in upland area, mushroom demonstration homestead, dual purpose poultry rearing in backyard and backyard kitchen gardening. Promotion of bio-fortified tuber crops. |

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

1. Year:
2. Introduction / General Information:

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

11. Details of TSP

1. Achievements of physical output under TSP during 2022-2023

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

1. Fund received under TSP in 2022-23 (Rs. In lakh):
2. Achievements of physical outcomeunder TSP during 2022-2023

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

1. Location and Beneficiary Details during 2022-2023

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

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

(Applicable for KVKs identified under NICRA): Nil

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

13. Awards/Recognition received by the KVK

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of the Award | Year | Conferring Authority | Amount | Purpose |
| 1 | 69th All India Cooperative Week 2022 | 2022 | Hon’ble Minister of Planning Convergence Department Govt. of  Odisha | Nil | best supporting office in Cooperative Sector, Nuapada |

Award received by Farmers from the KVK district

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

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

15. 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  (Rs in lakh) | Success indicator |
| 1 | Sidheswar Farmer producer Cooperative Society Ltd. At- silva | 44NPD/DT. 02.06.2022 | ARCS, Nuapada 02.06.2022 | Production, processing and marketing of Millets, Oilseeds and NTFP. | Millet, Oilseed, NTFP. | 401 | 0.79 | Capacity building of BODs, license for seed, fertilizer and pesticides to FPOs, Business plan for 3 years, marketing. |
| 2 | Shivshakti Farmer producer cooperative Society Ltd. | 43NPD/DT. 02.06.2022 | ARCS, Nuapada 02.06.2022 | Production, processing and marketing of Millets, Oilseeds and NTFP. | Millet, Oilseed, NTFP. | 302 | 0.71202 | Capacity building of BODs, license for seed, fertilizer and pesticides to FPOs, Business plan for 3 years, marketing. |

1. Integrated Farming System (IFS)

Details of KVK Demo. Unit

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Module details (Component-wise) | Area under IFS (ha) | Production (Commodity-wise) | Cost of production in Rs. (Component-wise) | Value realized in Rs. (Commodity-wise) | No. of farmer adopted practicing IFS | % Change in adoption during the year |
| 1 | Fish | 1.2 | 5q | 40000 | 50000 | 6 | 14% |
| 2. | Fruit orchards | 0.4 | newly established | newly established |  |  |  |
| 3. | Poultry unit | 22 sqm | 4000 chicks | 2,40,000/- | 2,00,000/- | 22 | 36% |
| 4 | vermicompost | 18.8sqm | 4q | 6000/- | 1,00,000/- | 16 | 9% |

1. Technologies for Doubling Farmers' Income

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of the Technology | Brief Details of Technology (3- 5 bullet points) | Net Return to the farmer (Rs.) per ha per year due to adoption of the technology | No. of farmers adopted the technology in the district | One high resolution ‘Photo’ in ‘jpg’ format for each technology |
| 1 | Dual purpose backyard poultry rearing banaraja, Aseel, Kaberi | Early growth  High egg laying  less mortality | 28250/ 100 birds | 103 | C:\Users\KVK Nuapada\OneDrive\Desktop\CFLD RABI-22-23\6cc03982-99f6-4e0a-9efc-c30544dd35b2.jpg |
| 2 | Oyster mushroom cultivation | Oyster mushroom cultivation var. sajor Caju | 21800/- per 100 bed | 74 | C:\Users\admin\Desktop\5af95b30-1026-493a-a172-e0be53e3223b.jpg |
| 3 | Crop diversification from paddy to millets | Demonstration on blast management in Ragi | 27742/- per ha | 92 | C:\Users\admin\Desktop\Photos 22-23\KKB\IMG-20221130-WA0018.jpg |

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

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

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

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

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

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Thematic area of training | Title of the training | Duration (in hrs.) | No. of participants | | | | | | | | | Fund utilized for the training (Rs.) |
|  |  |  | SC | | ST | | Other | | Total | | |  |
|  |  |  | M | F | M | F | M | F | M | F | T |  |
| Mushroom | Mushroom spawn production | **40 hours** | **0** | **0** | **1** | **0** | **4** | **9** | **5** | **9** | **14** | **10,500/-** |

1. Information on NARI Project(if applicable)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name of Nodal Officer | No. of OFT on specified aspects | Title(s) of OFT | No. of FLD on specified aspects | No. of capacity development programme on specified aspects | Total no. of farm women/ girls involved in the project | Details of Issues related to gender mainstreaming addressed through the project |
| Dr. Saswati Pattanaik | 1 | Assessment of Bio-Fortified sweet potato variety for nutritional security | 1 | 3 | 50 | Non awareness of bio-fortified crops /seeds, less participation of women, social stigma in meal planning, less accessibilities to institutions. |

1. Information on Krishi Kalyan Abhiyan Phase-III, if applicable
2. **Training achievements**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Name of***  ***KVK*** | ***Period*** | ***No. of Training on diversified farming practices for doubling farmers’ income organized*** | ***No. of farmers trained*** | |
| ***Male*** | ***Female*** |
|  | 01.04.2022 to 30.06.2022 | Nil | 0 | 0 |
| 01.07.2022 to 30.09.2022 | 12 nos | 121 | 195 |
| 01.10.2022 to  31.12.2022 | 3 nos | 34 | 43 |
| 01.01.2023 to 31.03.2023 | 2 nos | 19 | 31 |
| Total | | 17 | 174 | 269 |

1. **Other achievements**

|  |  |  |
| --- | --- | --- |
| **Sl.**  **No.** | **Particulars** | **January, 2022 to December, 2022** |
| 1 | Number of demonstrations other than oilseeds and pulses | 33 |
| 2 | Number of demonstrations on oilseed crops | 110 |
| 3 | Number of demonstrations on pulse crops | 85 |
| 4 | Number of farmers trained | 375 |
| 5 | Number of participants in Extension activities | 952 |
| 6 | Number of farmers for Mobile Advisory | 39520 |
| 7 | Production of seeds (in quintal) | 0 |
| 8 | Production of planting material (Number) | 38300 |
| 9 | Number of soil sample tested | 27 |
| 10 | Number of farmers covered in Climate Resilient villages | 0 |
| 11 | Number of farm families covered in Farmer FIRST project | 0 |
| 12 | ARYA project: Number of youth trained | 0 |
| 13 | ARYA project: Number of entrepreneurial activities started | 0 |
| 14 | Number of farm families in DFI villages | 23 |

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

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

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

















