**ANNUAL ACTION PLAN-2023**

**(January 2023 to December 2023)**

1. Name of the KVK: Nuapada

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Telephone | | E mail |
| Krishi Vigyan Kendra, Nuapada Station Road, at/po.- Nuapada, Dist.- Nuapada | - | 7008456563 | [kvknuapada.ouat@gmail.com/](mailto:kvknuapada.ouat@gmail.com/) kvk.nuapada@ouat.ac.in |

1. **Name of host organization** : OUAT, Bhubaneswar

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Telephone | | E mail |
| Office | FAX |  |
| Odisha University of Agriculture and Technology, Siripur, Bhubaneswar-751003 | 0674-2397362 | 0674-2397933 | [dee@ouat.ac.in](mailto:dee@ouat.ac.in)  [deanextensionouat@rediffmail.com](mailto:deanextensionouat@rediffmail.com) [deanextensionouat@yahoo.com](mailto:deanextensionouat@yahoo.com) |

1. **Training programme to be organized (January 2023 to December 2023)**

1. **Farmers and farmwomen**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic area** | **Title of Training** | **No.** | **Duration** | **Venue**  **On/Off** | **Tentative**  **Date** | **No. of Participants** | | | | | | | | |
| **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Capacity building and group dynamics | Group leadership and management of SHGs | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| crop production | Increase farmers income through IFS Models, Saipala | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| crop production | Integrated farming system as approach for climate change mitigation and natural resource management, Jhagrahi | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Capacity building and group dynamics | Farm planning for maximum profit maximization, Mahulpadar | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Capacity building and group dynamics | Role of farmer producer organization in strengthening farmers economy | 1 | 1 | On |  |  |  |  |  |  |  |  |  | 25 |
| Horticulture | Nursery Raising of vegetables | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 50 |
| Horticulture | protective vegetable cultivation | 1 | 1 | on |  |  |  |  |  |  |  |  |  | 25 |
| Horticulture | lay out and management of orchards | 1 | 1 | on |  |  |  |  |  |  |  |  |  | 25 |
| OTH | Safe use of herbicide and pesticides in agriculture, Makarbirli | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| Crop production | weed management in oilseed crops | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| crop production | waste management through different decomposers | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| Crop management | ICM in Ragi | 2 | 1 | Off |  |  |  |  |  |  |  |  |  |  |
| Soil health and fertility mgt. | different soil and water conservation techniques | 1 | 1 | on |  |  |  |  |  |  |  |  |  | 25 |
| Soil health and fertility mgt. | management of problematic soil | 2 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| Soil health and fertility mgt. | soil sample collection methods and use of soil health card | 2 | 1 | off |  |  |  |  |  |  |  |  |  | 50 |
| capacity building and group dynamics | Formation and Function of FIGs and of FPOs | 2 | 2 | off |  |  |  |  |  |  |  |  |  | 50 |
| Capacity building and group dynamics | Marketing Strategy for FPOs | 2 | 2 | off |  |  |  |  |  |  |  |  |  | 50 |
| PLP | Fall army warm mgt. in maize | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| PLP | Sucking pest mgt. in cotton | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| PLP | Sheath blight & blast mgt. in paddy | 1 | 1 | on |  |  |  |  |  |  |  |  |  | 25 |
| PLP | Fusarial wilt mgt. in pulses and oilseeds | 1 | 1 | on |  |  |  |  |  |  |  |  |  | 25 |
| PLP | Purple blotch and thrips mgt. in onion and garlic | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| PLP | Early blight disease mgt. in potato & tomato | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| PLP | Root knot disease mgt. in cucurbits | 1 | 1 | on |  |  |  |  |  |  |  |  |  | 25 |
| PLP | Use of pheromone traps for pest mgt. in vegetable and field crops | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| PLP | Bio-control agents for pest & disease mgt. | 2 | 2 | off |  |  |  |  |  |  |  |  |  | 25 |
| PLP | vrial disease management in watermelon. | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| PLP | Powdery mildew disease mgt. in pulses and vegetables | 2 | 2 | off |  |  |  |  |  |  |  |  |  | 50 |
| PLP | YMV disease mgt. in pulses | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| PLP | major pest and disease in rice and its management | 2 | 1 | off |  |  |  |  |  |  |  |  |  | 50 |
| PLP | panama wilt and sigatoka disease management in banana | 1 | 1 | on |  |  |  |  |  |  |  |  |  | 25 |
| PLP | Application of drone technology | 1 | 1 | on |  |  |  |  |  |  |  |  |  | 25 |
| PLP | New generation pesticide | 1 | 1 | on |  |  |  |  |  |  |  |  |  | 25 |
| Agro-forestry | Nursery management forest species | 1 | 1 | On |  |  |  |  |  |  |  |  |  | 25 |
| Agro-forestry | Vermi-compost production | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Agro-forestry | Preparation of Bamboo planting material from clump | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Agro-forestry | Practising of silvi-pastural system | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Agro-forestry | Pruning method of different fruits and forest species | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Production of Inputs | different propagation methods of plantation crops | 1 | 1 | on |  |  |  |  |  |  |  |  |  | 25 |
| Design and development of low/minimum cost diet | Preparation of low cost supplementary food for children | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Household food security by kitchen gardening and nutrition gardening | Planning and layout of kitchen garden | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Drudgery reduction | Use of Agricultural implements and tools for drudgery reduction | 1 | 1 | On |  |  |  |  |  |  |  |  |  | 25 |
| Cultivation of Bio-fertified vegetables | Cultivation of Bio-fertified vegetables | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Income generation activities for empowerment of rural Women | Cultivation practices of paddy straw mushroom . | 3 | 3 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Value addition | Value addition of Ragi | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Income generation activities for empowerment of rural Women | Cultivation practices of different varieties of Oyster mushroom | 3 | 3 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Value addition | Value addition of Tomato | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Poultry production | Small scale poultry rearing and management | 1 | 1 | Off |  |  |  |  |  |  |  |  |  |  |
| Formation & Management of SHG | Orientation & awareness programme on Management of SHG | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| Leadership management | Formation of groups for aggregation & marketing of village produce | 1 | 1 | Off |  |  |  |  |  |  |  |  |  | 25 |
| LPM | backyard poultry rearing | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| LPM | De-warming and vaccination of goat | 1 | 1 | off |  |  |  |  |  |  |  |  |  | 25 |
| NUE | Use of LCC in paddy | 1 | 1 | off | 4th week of August 23 |  |  |  |  |  |  |  |  | 25 |
| NUE | Use of LCC in Maize | 1 | 1 | off | 4th week of August 23 |  |  |  |  |  |  |  |  | 25 |
| SWC | SWC techniques for rainfed area | 1 | 1 | off | 4th week of August 23 |  |  |  |  |  |  |  |  | 25 |
| Management of Problem Soils | Acid Soil Management for sustainable agriculture | 1 | 1 | off | 2nd week of October 23 |  |  |  |  |  |  |  |  | 25 |
| INM | INM in paddy | 1 | 1 | off | 1st week of October 23 |  |  |  |  |  |  |  |  | 25 |
| INM | INM in Maize | 1 | 1 | off | 1st week of October 23 |  |  |  |  |  |  |  |  | 25 |
| Micronutrient | Micronutrient deficiency in paddy and their remedies | 1 | 1 | off | 1st week of September 23 |  |  |  |  |  |  |  |  | 25 |
| Micronutrient | Micronutrient deficiency in Maize and their remedies | 1 | 1 | off | 1st week of September 23 |  |  |  |  |  |  |  |  | 25 |
| Production of Organic inputs | Production of Vermi-compost | 1 | 1 | off | 2nd week of October 23 |  |  |  |  |  |  |  |  | 25 |
| SFM | Collection and preparation of composite Soil sample | 1 | 1 | off | 3rd week of October 23 |  |  |  |  |  |  |  |  | 25 |
| INM | INM in cole crops | 1 | 1 | off | 1st week of Nov 23 |  |  |  |  |  |  |  |  | 25 |
| INM | INM in solanaceous vegetables | 1 | 1 | off | 1st week of Nov 23 |  |  |  |  |  |  |  |  | 25 |
| Micronutrient | Micronutrient deficiency in Cabbage and cauliflower and their remedies | 1 | 1 | off | 1st week of Nov 23 |  |  |  |  |  |  |  |  | 25 |
| Micronutrient | Micronutrient deficiency in groundnut and sunflower and their remedies | 1 | 1 | off | 1st week of Nov 23 |  |  |  |  |  |  |  |  | 25 |
| INM | Use of bio-fertilisers in pulse crops | 1 | 1 | off | 1st week of Nov 23 |  |  |  |  |  |  |  |  | 25 |
| INM | Use of bio-fertilisers in oilseed crops | 1 | 1 | off | 1st week of Nov 23 |  |  |  |  |  |  |  |  | 25 |

1. **Rural youths**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic area** | **Title of Training** | **No.** | **Duration** | **Venue**  **On/Off** | **Tentative**  **Date** | **No. of Participants** | | | | | | | | |
| **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Capacity building and group dynamics | Potential entrepreneurial opportunity in livestock system | 1 | 2 | on |  |  |  |  |  |  |  |  |  | 10 |
| Capacity building and group dynamics | potential entrepreneurial opportunity in Agri-Horti system | 1 | 2 | on |  |  |  |  |  |  |  |  |  | 10 |
| Capacity building and group dynamics | Income generation through understanding of market strategy and marketing channel. | 1 | 2 | on |  |  |  |  |  |  |  |  |  | 10 |
| PLP | Production technology of bio agents and its application for pest and disease mgt | 1 | 5 | On |  |  |  |  |  |  |  |  |  | 10 |
| PLP | Tasara silk worm rearing | 1 | 6 | Off |  |  |  |  |  |  |  |  |  | 10 |
| Production Technology | Bee keeping |  | 5 | On |  |  |  |  |  |  |  |  |  | 10 |
| Production Technology | Lac cultivation | 1 | 5 | Off |  |  |  |  |  |  |  |  |  | 10 |
| Mushroom cultivation | Spawn production | 1 | 2 | On |  |  |  |  |  |  |  |  |  | 10 |
| Value addition | Value addition of vegetable and mushroom | 1 | 2 | On |  |  |  |  |  |  |  |  |  | 15 |
| SFM | Organic Farming | 1 | 2 | On | 2nd week of Nov 23 |  |  |  |  |  |  |  |  | 15 |
| SFM | Vermi-technology for Self Employment | 1 | 2 | On | 4th week of August 23 |  |  |  |  |  |  |  |  | 15 |
| SFM | Production of BGA and azolla | 1 | 2 | On | 1st week of October 23 |  |  |  |  |  |  |  |  | 15 |
| SFM | Storage Technology for Fertilizers and Agrochemicals | 1 | 2 | On | 3rd week of September 23 |  |  |  |  |  |  |  |  | 15 |

1. **Extension functionaries**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thrust area/ Thematic area** | **Title of Training** | **No.** | **Duration** | **Venue**  **On/Off** | **Tentative**  **Date** | **No. of Participants** | | | | | | | | |
| **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Capacity building and group dynamics | Application of ICT in Agriculture | 1 | 1 | on |  |  |  |  |  |  |  |  |  | 20 |
| Capacity building and group dynamics | motivational and communication skills for extension personnel | 1 | 1 | on |  |  |  |  |  |  |  |  |  | 20 |
| PLP | New generation pesticides | 1 | 2 | on |  |  |  |  |  |  |  |  |  | 20 |
| PLP | use of different Bio pesticides | 1 | 2 | on |  |  |  |  |  |  |  |  |  | 20 |
| Household food security | Food and nutritional security through kitchen garden | 1 | 1 | On |  |  |  |  |  |  |  |  |  | 20 |
| Women and child care | Dietary management for pregnant and lactating women | 1 | 1 | On |  |  |  |  |  |  |  |  |  | 20 |
| SFM | Identification of Nutrient Deficiency in Crop Plants | 1 | 3 | On | 2nd week of Sep 23 |  |  |  |  |  |  |  |  | 10 |
| Problem Soil Management | Management of Acid Soils | 1 | 3 | On | 3rd week of October 23 |  |  |  |  |  |  |  |  | 10 |

**Abstract of Training: Consolidated table (ON and OFF Campus)**

**Farmers and Farm women**

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | | **Grand Total** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SC** | | | **ST** | | | | **Other** | | |
|  | **M** | **F** | **T** | **M** | **F** | | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| **I. Crop Production** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Weed Management | 2 |  |  |  |  |  | |  |  |  |  |  |  | 50 |
| Resource Conservation Technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cropping Systems |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Crop Diversification |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Farming | 2 |  |  |  |  |  | |  |  |  |  |  |  | 50 |
| Water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Crop Management | 1 |  |  |  |  |  | |  |  |  |  |  |  | 25 |
| Fodder production |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of organic inputs | 1 |  |  |  |  |  | |  |  |  |  |  |  | 25 |
| Others, (cultivation of crops ) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL | 6 |  |  |  |  |  | |  |  |  |  |  |  | 150 |
| **II. Horticulture** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated nutrient management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Enterprise development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Skill development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Yield increment |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Off-season vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery raising | 1 |  |  |  |  |  | |  |  |  |  |  |  | 25 |
| Exotic vegetables like Broccoli |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Protective cultivation (Green Houses, Shade Net etc.) | 1 |  |  |  |  |  | |  |  |  |  |  |  | 25 |
| Others, if any (Cultivation of Vegetable) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL | 2 |  |  |  |  |  | |  |  |  |  |  |  | 50 |
| **b) Fruits** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Layout and Management of Orchards | 1 |  |  |  |  |  | |  |  |  |  |  |  | 25 |
| Cultivation of Fruit |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of young plants/orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential fruits |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any(INM) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL | 1 |  |  |  |  |  | |  |  |  |  |  |  | 25 |
| **c) Ornamental Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential of ornamental plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **d) Plantation crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **e) Tuber crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **f) Spices** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **g) Medicinal and Aromatic Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **III. Soil Health and Fertility Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil fertility management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil and Water Conservation | 1 |  |  |  |  |  | |  |  |  |  |  |  | 25 |
| Integrated Nutrient Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of Problematic soils | 2 |  |  |  |  |  | |  |  |  |  |  |  | 50 |
| Micro nutrient deficiency in crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nutrient Use Efficiency |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil and Water Testing | 2 |  |  |  |  |  | |  |  |  |  |  |  | 50 |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL | 5 |  |  |  |  |  | |  |  |  |  |  |  | 125 |
| **IV. Livestock Production and Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Poultry Management | 1 |  |  |  |  |  | |  |  |  |  |  |  | 25 |
| Piggery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Feed management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any (Goat farming) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **V. Home Science/Women empowerment** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening | 1 |  |  |  |  |  | |  |  |  |  |  |  | 25 |
| Design and development of low/minimum cost diet | 1 |  |  |  |  |  | |  |  |  |  |  |  | 25 |
| Designing and development for high nutrient efficiency diet | 1 |  |  |  |  |  | |  |  |  |  |  |  | 25 |
| Minimization of nutrient loss in processing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs | 1 |  |  |  |  |  | |  |  |  |  |  |  | 25 |
| Storage loss minimization techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Enterprise development | 4 |  |  |  |  |  | |  |  |  |  |  |  | 100 |
| Value addition | 3 |  |  |  |  |  | |  |  |  |  |  |  | 75 |
| Income generation activities for empowerment of rural Women | 2 |  |  |  |  |  | |  |  |  |  |  |  | 50 |
| Location specific drudgery reduction technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Capacity building | 2 |  |  |  |  |  | |  |  |  |  |  |  | 50 |
| Women and child care | 1 |  |  |  |  |  | |  |  |  |  |  |  | 25 |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL | 16 |  |  |  |  |  | |  |  |  |  |  |  | 400 |
| **VI.Agril. Engineering** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Installation and maintenance of micro irrigation systems |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Use of Plastics in farming practices |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of small tools and implements |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Small scale processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VII. Plant Protection** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Pest Management | 6 |  |  |  |  |  | |  |  |  |  |  |  | 150 |
| Integrated Disease Management | 9 |  |  |  |  |  | |  |  |  |  |  |  | 225 |
| Bio-control of pests and diseases |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any | 1 |  |  |  |  | |  |  |  |  |  |  |  | 25 |
| TOTAL | 16 |  |  |  |  | |  |  |  |  |  |  |  | 400 |
| **VIII. Fisheries** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated fish farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Carp breeding and hatchery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Carp fry and fingerling rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Composite fish culture & fish disease |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Hatchery management and culture of freshwater prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Breeding and culture of ornamental fishes |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Portable plastic carp hatchery |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pen culture of fish and prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Edible oyster farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish processing and value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **IX. Production of Inputs at site** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-agents production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-pesticides production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-fertilizer production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermi-compost production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Organic manures production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of fry and fingerlings |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Bee-colonies and wax sheets |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Small tools and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of livestock feed and fodder |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Fish feed |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **X. Capacity Building and Group Dynamics** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Leadership development | 1 |  |  |  |  | |  |  |  |  |  |  |  | 25 |
| Group dynamics |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mobilization of social capital |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any | 3 |  |  |  |  | |  |  |  |  |  |  |  | 75 |
| TOTAL | 4 |  |  |  |  | |  |  |  |  |  |  |  | 100 |
| **XI Agro-forestry** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production technologies | 2 |  |  |  |  | |  |  |  |  |  |  |  | 50 |
| Nursery management | 3 |  |  |  |  | |  |  |  |  |  |  |  | 75 |
| Integrated Farming Systems | 1 |  |  |  |  | |  |  |  |  |  |  |  | 50 |
| TOTAL | 6 |  |  |  |  | |  |  |  |  |  |  |  | 150 |
| **XII. Others (Pl. Specify)** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **TOTAL** |  |  |  |  |  | |  |  |  |  |  |  |  |  |

**Rural youth**

| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | **Grand Total** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SC** | | | **ST** | | | **Other** | | |
|  | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | | **T** |
| Mushroom Production |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Bee-keeping | 1 |  |  |  |  |  |  |  |  |  |  | |  | 10 |
| Integrated farming |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Seed production | 1 |  |  |  |  |  |  |  |  |  |  | |  | 10 |
| Production of organic inputs | 1 |  |  |  |  |  |  |  |  |  |  | |  | 10 |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Vermi-culture |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Sericulture |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Protected cultivation of vegetable crops |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Commercial fruit production |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Nursery Management of Horticulture crops |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Training and pruning of orchards |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Value addition |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Dairying |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Sheep and goat rearing |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Quail farming |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Piggery |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Rabbit farming |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Poultry production |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Ornamental fisheries |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Para vets |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Para extension workers |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Composite fish culture |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Freshwater prawn culture |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Shrimp farming |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Pearl culture |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Cold water fisheries |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Fish harvest and processing technology |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Fry and fingerling rearing |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Small scale processing |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Post Harvest Technology | 1 |  |  |  |  |  |  |  |  |  |  | |  | 10 |
| Tailoring and Stitching |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Enterprise development | 2 |  |  |  |  |  |  |  |  |  |  | |  | 20 |
| Others if any Lac and tasar silk worm production | 2 |  |  |  |  |  |  |  |  |  |  | |  | 20 |
| TOTAL | 8 |  |  |  |  |  |  |  |  |  |  | |  | 80 |

**Extension functionaries**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area** | **No. of Courses** | **No. of Participants** | | | | | | | | | **Grand Total** | | | |
| **SC** | | | **ST** | | | **Other** | | |
|  | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | | **T** |
| Productivity enhancement in field crops |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Integrated Pest Management | 1 |  |  |  |  |  |  |  |  |  |  | |  | 20 |
| Integrated Nutrient management |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Value addition |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Protected cultivation technology |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Group Dynamics and farmers organization |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Information networking among farmers | 1 |  |  |  |  |  |  |  |  |  |  | |  | 20 |
| Capacity building for ICT application | 1 |  |  |  |  |  |  |  |  |  |  | |  | 20 |
| Care and maintenance of farm machinery and implements |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Management in farm animals |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Livestock feed and fodder production |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Household food security |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Women and Child care | 2 |  |  |  |  |  |  |  |  |  |  | |  | 40 |
| Low cost and nutrient efficient diet designing |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Production and use of organic inputs | 1 |  |  |  |  |  |  |  |  |  |  | |  | 20 |
| Gender mainstreaming through SHGs |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Crop intensification |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| Others if any |  |  |  |  |  |  |  |  |  |  |  | |  |  |
| TOTAL | 6 |  |  |  |  |  |  |  |  |  |  | |  | 120 |

1. **Frontline demonstration to be conducted\***

**FLD-1**

**Crop**: Paddy

**Thrust Area**: Drought in upland

**Thematic Area**: CRP

**Season**: Kharif-2023-24.

**Farming Situation**: **Rainfed upland.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Rice | 4.0 | Cultivation of drought resistant paddy variety Ankit (CR Dhan-101) | Effective tiller/m2, No of filled grains/ panicle, 1000 grain weight , yield, Net return, B:C ratio | Paddy seed variety CR Dhan- 101 |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on drought resistant paddy**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | Field day on drought resistant paddy | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | training on different drought resistant paddy varieties suitable for nuapada district | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

**FLD-2**

**Crop**: Paddy strawmushroom

**Thematic Area**: IGA

**Season**: Kharif-2023-24 .

**Farming Situation**: Homestead.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Mushroom / Paddy straw | 20 nos | **U**se of scrambled paddy straw (4 layer) in vegetable carate tying from four sides , spreading the floor with sand and regular watering, hanging wet gunny bags in windows & doors. | Initiation of mycelia growth(days), Pin head appearance(day), Days to first flush, Average fruit body weight(gm/ 10 buds), Bio efficiency(%). | Seed, pulse powder, CaCO3 |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on paddy straw mushroom**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | Field day on paddy straw | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | Scientific paddy straw cultivation | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

**FLD-3**

**Crop**: **Oyster mushroom**.

**Thrust Area**: WOE

**Thematic Area**: IGA

**Season**: Rabi-2023-24

**Farming Situation**: Homestead.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Mushroom / Oyster mushroom | 20 nos | Cutting of threshed paddy straw into 2-3 inch size length (oyster) and 1.5 to 2 ft length (PS), soaking in lime(1%) for 6-7 hours, use of boiled wheat as food additive in 40x80 sq. cm polythene bag. (Oyster and PS mushroom) | yield/bed, B:C Ratio | Seed, Wheat and poly bag |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on oyster mushroom**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | Field day on Oyster mushroom | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | Scientific cultivation of oyster mushroom | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

**FLD-4**

**Crop**: **Poultry**

**Thrust Area**: LPM

**Thematic Area**: LPM

**Season**: Round the year

**Farming Situation**: Backyard farming.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Poultry /Vanaraja | 20 | rearing of poultry chicks in backyard with proper vaccination and feeding management | Avg. body weight, egg production and economics | poultry chicks, vaccine |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on backyard poultry rearing**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day on poultry breed vanaraja | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | backyard poultry rearing | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

**FLD-5**

**Crop**: Vermi-compost.

**Thrust Area**: OTH

**Thematic Area**: IGA

**Season**: round the year

**Farming Situation**: Backyard/ Homestead.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Vermicompost | 20 | Composting cow dung and available wastes in the ratio of 1:4 in the vermicompost polythene bag size of 6’x4’x3’ with release of earthworm (variety: *Eisenia foetida*) @ 1kg per quintal of waste material. | duration of decomposing, yield per bag, economics | Vermi bag, vermin |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on vermin-compost production**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day on vermin-composting through poly bag | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | vermin-composting in different techniques | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

**FLD-6**

**Crop**: Mahua.

**Thrust Area**: NTFP

**Thematic Area**: Forestry

**Season**: Rabi-2023-24

**Farming Situation**: Rainfed upland.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Mahua | 20 | 12m× 12m Agri shade net and sun drying method- 5 days ( 7m× 3.5m, 100 micron UV stabilized polyethelyne , Bamboo) | Labour saving, drudgery reduction, collection per plant/day, quality | shade net, polythene |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on mahua collection**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day on mahua collection methods | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | different methods of mahua collection and its grading packaging | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

**FLD-**7

**Crop**: Honeybee

**Thrust Area**: IGA.

**Thematic Area**: Agroforestry.

**Season**: Rabi-2023-24.

**Farming Situation**: forest land**.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Honey bee | 20 | Bees of *Apis cerana indica*, feed management, honey extraction, colony division, swarming management. | Avg. honey production / box, economics | honey bee box with colonies |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on Honey bee**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day on honey bee production | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | honey bee colony management | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

**FLD-**8

**Crop**: Mango

**Thrust Area**: IPM.

**Thematic Area**: PLP.

**Season**: Rabi-2023.

**Farming Situation**: Rainfed**.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Mango | 2.0 | Spray with hexaconazole5sc@ 0.05% at pea stage followed by spraying of tebuconazole50% + trifloxystrobin25%wg (0.1%) after 15 days and 3rd spray at 30 days prior to harvest again with hexaconazole5sc@ (0.05%) followed by post harvest hot water dip treatment (52ºC for 10 min.) | % fruit affected, avg. fruit weight, yied q/ha, B:C Ratio | hexaconazole, tebuconazole50% + trifloxystrobin25%wg. |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on Anthracnose disease management in mango**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day on Anthracnose disease management in Mango. | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | Anthracnose disease management in Mango. | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

**FLD-9**

**Crop**: **Cotton**

**Thrust Area**: IPM

**Thematic Area**: PLP

**Season**: Kharif-23

**Farming Situation**: Rainfed upland.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Cotton | 5.0 | 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. | No. of sucking pests/ 3 leaf, No. of bolls/ 10 plants | cow pea seed, Azadiractin, Flonicamide maize and yellow sticky trap |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on sucking pest in cotton**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day on sucking pest management in cotton | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | sucking pest management in cotton | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

**FLD-10**

**Crop**: Onion**.**

**Thrust Area**: IPM

**Thematic Area**: PLP

**Season**: Rabi-2023-24

**Farming Situation**: Irrigated medium.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Onion | 2.0 | Seed treatment with Carboxin37.5% +Thiram 37.5% (0.2%) +three foliar spraying with Tebuconazole 25 EC (0.1%) at 15days interval starting from initiation of the infection | Percentage disease index, disease severity and bulb yield | Carboxin37.5% +Thiram 37.5% (0.2%) + Tebuconazole 25 EC (0.1%) |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on purple blotch in onion**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day on purple blotch management in onion | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | purple blotch management in onion | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

**FLD-11**

**Crop**: Watermelon

**Thrust Area**: IPM

**Thematic Area**: PLP

**Season**: Rabi-23

**Farming Situation**: Irrigated up/ medium land

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Watermelon | 2.0 | Rotational spraying of spinetoram11.7sc @1.0 ml/ltr, acetamiprid20sp @0.5gm/ltr., Fipronil5%sc @1.5ml/ltr. And alpha cyhalothrin@1.0ml/ltr. at weekly intervals. growing maize as border crop restrict the insect vector entry on water melon. | % of leaf affected, avg. fruit weight, yield, B:c ratio | spinetoram11.7sc, acetamiprid20sp, Fipronil5%sc & alpha cyhalothrin and maize seed |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on viral disease management in watermelon**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day on purple blotch management in onion | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | purple blotch management in onion | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

**FLD-12**

**Crop**: Short video technology**.**

**Thrust Area**: OTH

**Thematic Area**: OTH

**Season**: Rabi-23

**Farming Situation**: Rainfed upland.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | short video technology | N=30 | **Demo:** Preparation of small videos (1.5-2.0 minutes) on different activities of production process of selected commodities and the same will be sent through WhatsApp to the identified farmers. | Visually engaging/Informative and timeliness  Understanding the method and process depicted in the video  Retention , retrieval & re-use of the content |  |  |  |  |  |  |  |  |  |  |  | 10 |

FLD-13

**Crop**: Sweet Potato

**Thrust Area**: OTH

**Thematic Area**: Tuber crops

**Season**: Kharif-23

**Farming Situation**: Rainfed upland.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Sweet potato/ Bhu-krishna | 1.0 | cultivation of Bio fortified Bhukrishna Sweet potato variety rice in anthocyanin 90mg/100gm and purple colour | Avg yield(q/ha),avg tuber weight.(g),beta carotene(mg/100gm),B:C ratio | sweet potato saplings |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on biofortified sweet potato**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day on sweet potato | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | cultivation of bio-fortified sweet potato | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

FLD-14

**Crop**: Tomato

**Thrust Area**: IGA

**Thematic Area**: WOE

**Season**: Rabi- 2023-24

**Farming Situation**: Irrigated medium

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Tomato | 1.0 | cultivation of tomato variety- Arka Apekshya | yield, TSS, amount of paste, self life Economics |  |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on Tomato**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day on tomato puree | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | cultivation of suitable tomato for value addition | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

FLD-15

**Crop**: Poultry

**Thrust Area**: IGA

**Thematic Area**: WOE

**Season**: Round the year 2023

**Farming Situation**: Homestead

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Poultry/ Brooding | 20 units | Artificial brooding of chicks, brooding management for 21 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 7 th , 28 th day &amp; IBD on 14 th day. Use of electrolytes, preventive antibiotics  during brooding, use of gas brooder &amp; hover. | Poultry chicks and vaccine |  |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on Ragi backery**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day on brooding management | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | training on brooding management of poultry chicks | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

FLD-16

**Crop**: Rice

**Thrust Area**: WOE

**Thematic Area**: WOE

**Season**: Round the year 2023

**Farming Situation**: Homestead

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Drudgery reduction in paddy parboiling | 2 units | Parboiling of paddy by Parboiling Drum.  The top two third portion retains grain and  bottom one third portion holds water to  produce steam divided into number of small  compartments | heart beet rate, time consuming, economics | Parboiling drum |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD on drudgery reduction on paddy parboiling**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day on paddy parboiling | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | use of paddy parboiling for drudgery reduction | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

FLD-17

**Crop**: vegetables

**Thrust Area**: OTH

**Thematic Area**: OTH

**Season**: Round the year 2023

**Farming Situation**: Homestead

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Proper farm planning | 10 units | Designing the proper scheduleing of different farm activities by maintaining timely records and planning the cropping system keeping in view to fetch good market value of the produce | Occupation pattern, Change in facility at house level, additional income, change in standard of living | nil |  |  |  |  |  |  |  |  |  |  | 10 |

FLD-18

**Crop**: Fodder

**Thrust Area**: Agro forestry

**Thematic Area**: Agro forestry

**Season**: kharif 2023

**Farming Situation**: field bund

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Fodder | 10 | Introduction of hybrid napier (CO-3) in the field bund for proper utilization of land. | no of cuts, herbage yield etc. | fodder saplings |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day hybrid napier cultivation in field bunds | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | fodder cultivation for mulching cows. | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

FLD-19

**Crop**: Quail Farming

**Thrust Area**: IGA

**Thematic Area**: LPM

**Season**: Round the year

**Farming Situation**: Homestead

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Quail | 20 units | Auail farming space required 0.15sqft/bird, feed efficiency-2.6, Body weight/bird at 5 weeks: 22g, Annual egg production-260, egg: 7-15g | weight/bird (5 weeks), weight/egg, No. of eggs/bird/annum | Quail chicks |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | Quail farming | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | Quail farming techniques | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

FLD-20

**Crop**: Sweet corn

**Thrust Area**: Varietal performance

**Thematic Area**: Varietal performance

**Season**: Rabi 2023-24

**Farming Situation**: Irrigated medium land

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1 | Sweet corn | 0.5 ha | Cultivation of sweet corn hybrid Misthi, duration- 75 to 85 days, tolerant to lodging and moderate drought, Average yield 18 to 22 Kg/ha | Cob Yield (q/ha), Avg. no of cobs/plant, Net Income, B:C ratio | TL seeds of sweet corn hybrid Misthi |  |  |  |  |  |  |  |  |  |  | 10 |

**Extension and Training activities under FLD**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | field day on sweet corn hybrid Misthi for better yield | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 50 |
| Farmer’s training | New varieties and crop management practices in sweet corn | 1 | Farmer/FW | 1 | Off |  |  |  |  |  |  |  |  | 25 |

**FLD-21**

**Crop**: Onion

**Thrust Area**: SFM

**Thematic Area**: INM

**Season**: Rabi-2023-24

**Farming Situation**: **Irrigated medium land.**

**FLD-22**

**Crop**: Cauliflower

**Thrust Area**: SFM

**Thematic Area**: INM

**Season**: Rabi-2023-24

**Farming Situation**: Irrigated medium land

**FLD-23**

**Crop**: T**omato**

**Thrust Area**: SFM

**Thematic Area- INM**

**Season**: Rabi-2023-24

**Farming Situation**: Partially irrigated medium land

**FLD-24**

**Crop**: Tomato

**Thrust Area**: SFM

**Thematic Area**: INM

**Season**: Rabi 2023-24

**Farming Situation**: Irrigated Medium land

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop & variety / Enterprises** | **Proposed Area (ha)/ Unit (No.)** | **Technology package for demonstration** | **Parameter (Data) in relation to technology demonstrated** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | | | | | | |
| **Name of Inputs** | **Demo** | **Local** | **SC** | | **ST** | | **Other** | | **Total** | | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| 1. | Onion | 1.0 ha . | NPK @ 120:60:100 Kg /ha + (Azotobacter,Azospirillum , PSB ) 1:1:1 ratio @ 4Kg /ha . Borax 5 Kg /ha , Zn ( ZnSO4) 10 Kg /ha | * Soil Avail N,P, K ,SOC * Yield * Economics ( B:C) | Azotobacter  Azospirillum  PSB | 4Kg  4Kg  4Kg | Nil  Nil  Nil |  |  |  |  |  |  |  |  | 10 |
| 2. | Cauliflower | 1.0 ha. | Use of Arka Microbial consortium +STBFA | * Soil Avail N,P, K ,SOC * Curd Yield * Curd quality * Economics ( B:C) | Arka Microbial consortium | 4 lit | Nil |  |  |  |  |  |  |  |  | 10 |
| 3. | Tomato | 1.0 ha. | Spraying Arka vegetable micronutrient spray @ 5 gm/lit of water at 30 DAT and 45 DAT . | * Fruit Yield * Fruit quality * Economics ( B:C) | Lime | 4 Kg | Nil |  |  |  |  |  |  |  |  | 10 |
| 4. | Vermicompost | 10 beds | poly tank size 12’X4’X3’ with biomass and cowdung 60:40 with Vermi E. foetida | * Compost Yield * Economics ( B:C ratio) | Vermibed ( 12’x4’X3)  E foetida | 10 no.  20 Kg | Nil  Nil |  |  |  |  |  |  |  |  | 10 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Title of Activity** | **No.** | **Clientele** | **Duration** | **Venue**  **On/Off** | **No. of Participants** | | | |  | | | |  |
| **SC** | | **ST** | | **Other** | | **Total** | |  |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **T** |
| Field day | Field day on Onion | 1 |  | 1 | Off |  |  |  |  |  |  |  |  | 25 |
| Training | Training on INM in Onion | 1 |  | 1 | Off |  |  |  |  |  |  |  |  | 25 |
| Field day | Field day on Cauliflower | 1 |  | 1 | Off |  |  |  |  |  |  |  |  | 25 |
| Training | Training on INM in cauliflower | 1 |  | 1 | Off |  |  |  |  |  |  |  |  | 25 |
| Field day | Field day on Tomato | 1 |  | 1 | Off |  |  |  |  |  |  |  |  | 25 |
| Training | Training on INM in Tomato | 1 |  | 1 | Off |  |  |  |  |  |  |  |  | 25 |
| Field day | Field day on Vermicompost | 1 |  | 1 | Off |  |  |  |  |  |  |  |  | 25 |
| Training | Training on Production of Vermicompost | 1 |  | 1 | Off |  |  |  |  |  |  |  |  | 25 |

1. **a) Seed and planting material production by utilization of instructional farm (Crops / Enterprises)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of the Crop / Enterprise** | **Variety / Type** | **Period**  **From……… to ………..** | **Area (ha.)** | **Details of Production** | | | | |
| **Type of Produce** | **Expected Production (quintals)** | **Cost of inputs (Rs.)** | **Expected Gross income (Rs.)** | **Expected Net Income (Rs.)** |
| Paddy | MTU-1010 | July to Dec. 2021 | 3.0 ha | FS | 94q | 196500/- | 3,05,500/- | 1,09,000/- |
| Paddy | Swarnasakti | July to Dec. | 1.5 ha | FS | 40q | 84000/- | 1,30,000/- | 46,000/- |
| Acacia mangium | - |  | 500 |  |  |  |  |  |
| teak | - |  | 500 |  |  |  |  |  |
| Papaya | Red lady, Coorg honey dew | Round the year | 2000 |  |  |  |  |  |
| drumstick | Dwarf moringa | Kharif/ rabi | 2000 |  |  |  |  |  |
| brinjal | Charpolia,VNR 218,VNR 212 | Round the year | 8000 |  |  |  |  |  |
| chilli | Krishna,eagle | Round the year | 5000 |  |  |  |  |  |
| tomato | Arka Samrat,arka vishes, arka apekhya,  laxmi | Round the year | 10,000 |  |  |  |  |  |
| cauliflower | Deepa, megha | Rabi | 2000 |  |  |  |  |  |
| cabbage | konark | Rabi | 2000 |  |  |  |  |  |
| Colour cauliflower | seminis | Rabi | 2000 |  |  |  |  |  |
| capsicum | California wonder | Kharif/ rabi | 1000 |  |  |  |  |  |
| broccoli | sisir | Rabi | 1000 |  |  |  |  |  |
| marigold | serakole | Kharif/ rabi | 500 |  |  |  |  |  |
| vermicompost |  | Round the year | 5q |  |  |  |  |  |
| Mushroom spawn | Oyster/ paddy straw | Round the year | 10000 |  |  |  |  |  |
| mushroom | Oyster/ paddy straw | Round the year | 2q |  |  |  |  |  |
| vegetables | Okra, tomato, brinjal, cauliflower | Kharif/ rabi | 4q |  |  |  |  |  |
| Honey | honey | Round the year | 5kg |  |  |  |  |  |
| Poultry | Vanaraja, Aseel, Kaberi Kadaknath | Round the year | 5000 nos |  |  |  |  |  |
| Fish | IMC | Rabi | 4q |  |  |  |  |  |

**b) Village Seed Production Programme**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of the Crop / Enterprise** | **Variety / Type** | **Period**  **From……… to ………..** | **Area**  **(ha.)** | **No. of**  **farmers** | **Details of Production** | | | | |
| **Type of Produce** | **Expected**  **Production(q)** | **Cost of inputs (Rs.)** | **Expected Gross income (Rs.)** | **Expected**  **Net Income (Rs.)** |
|  |  |  |  |  |  |  |  |  |  |

1. **Extension Activities**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Activities/ Sub-activities** | **No. of activities proposed** | **Farmers** | | | | **Extension Officials** | | | **Total** | | |
| **M** | **F** | **T** | **SC/ ST**  **(% of total)** | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** |
|  | Field Day | 14 |  |  |  |  |  |  |  |  |  | 700 |
|  | KisanMela | 2 |  |  |  |  |  |  |  |  |  | 1000 |
|  | KisanGhosthi | 4 |  |  |  |  |  |  |  |  |  | 100 |
|  | Exhibition | 4 |  |  |  |  |  |  |  |  |  | 2000 |
|  | Film Show | 5 |  |  |  |  |  |  |  |  |  | 500 |
|  | Method Demonstrations | 4 |  |  |  |  |  |  |  |  |  | 200 |
|  | Farmers Seminar | 2 |  |  |  |  |  |  |  |  |  | 80 |
|  | Workshop | 2 |  |  |  |  |  |  |  |  |  | 100 |
|  | Group meetings | 8 |  |  |  |  |  |  |  |  |  | 200 |
|  | Lectures delivered as resource persons | 15 |  |  |  |  |  |  |  |  |  | 375 |
|  | Advisory Services | 30 |  |  |  |  |  |  |  |  |  | 27,000 |
|  | Scientific visit to farmers field | 27 |  |  |  |  |  |  |  |  |  | 500 |
|  | Farmers visit to KVK | 36 |  |  |  |  |  |  |  |  |  | 8000 |
|  | Diagnostic visits | 12 |  |  |  |  |  |  |  |  |  | 360 |
|  | Exposure visits | 4 |  |  |  |  |  |  |  |  |  | 100 |
|  | Ex-trainees Sammelan | 1 |  |  |  |  |  |  |  |  |  | 40 |
|  | Soil health Camp | 1 |  |  |  |  |  |  |  |  |  | 100 |
|  | Animal Health Camp | 2 |  |  |  |  |  |  |  |  |  | 200 |
|  | Agri mobile clinic | 4 |  |  |  |  |  |  |  |  |  | 240 |
|  | Soil test campaigns | 2 |  |  |  |  |  |  |  |  |  | 80 |
|  | Farm Science Club Conveners meet | 3 |  |  |  |  |  |  |  |  |  | 90 |
|  | Self Help Group Conveners meetings | 5 |  |  |  |  |  |  |  |  |  | 150 |
|  | MahilaMandals Conveners meetings | 3 |  |  |  |  |  |  |  |  |  | 150 |
|  | Celebration of important days (specify) | 10 |  |  |  |  |  |  |  |  |  | 1000 |
|  | Swatchta Hi Sewa | 2 |  |  |  |  |  |  |  |  |  | 100 |
|  | Mahila Kisan Diwas | 1 |  |  |  |  |  |  |  |  |  | 100 |
|  | Any Other (Specify) | 1 |  |  |  |  |  |  |  |  |  | 50 |

\*\*\*\*\*\*