# REVISED PROFORMA FOR ACTION PLAN 2023

## 1. Name of the KVK:

| Address | Telephone | E mail |
|---|---|---|
| At/PO- Ranital, Dist; Bhadrak, PIN 756 111, Odisha | 06784 265825 | kvkbhadrak.ouat@gmail.com<br>kvkbhadrak.od@gov.in |

## 2.Name of host organization :

| Address | Telephone | | E mail |
|---|---|---|---|
| | Office | FAX | |
| Siripur, Bhubaneswar, PIN 751003 | 06742466140 | 06742397424 | registrarouat@gmail.com |

## 3.Training programme to be organized (April 2023 to March 2024)

### (a) 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 |
| | | | | | | | | | | | | | | |
| Bio-fertilizer production | Production technology for raising Azolla nursery | 2 | 2 | Off | June, July, 23 | | | | | | | 55 | 5 | 60 |
| Production of organic inputs | Vermi compost production and its uses | 3 | 6 | Off | July, Aug, Nov, 23 | | | | | | | 60 | 30 | 90 |
| Nutrient management | Role of natural farming & promotion of ITKs in maintaining soil health and quality of produce | 2 | 2 | Off | Nov, 23 | | | | | | | 45 | 15 | 60 |
| Nutrient management | Role of bio-fertilizer in special reference to organic farming in vegetable crops | 1 | 1 | Off | Dec, 23 | | | | | | | 20 | 10 | 30 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient management | Nutrient management in sunflower | 1 | 1 | Off | Nov.,23 | | | | | | | 30 | | 30 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Production and Management technology in spices | ICM in turmeric | 1 | 1 | off | June 23 | | | | | | | | | 30 |
| Off-season vegetables | Offseason cauliflower cultivation | 1 | 1 | Off | July 23 | | | | | | | | | 30 |
| Offseason vegetable cultivation | Offseason coriander cultivation | 1 | 1 | Off | Aug 23 | | | | | | | | | 30 |
| Cultivation of vegetables | Improved cultivation practices of hybrid tomato | 1 | 1 | Off | Oct, 23 | | | | | | | | | 30 |
| Nursery raising | Sterilization of nursery bed for raising vegetable seedlings | 1 | 1 | Off | Dec, 23 | | | | | | | | | 30 |
| Cultivation of vegetables | ICM in tubercrops like EFY, yam Colocassia | 1 | 1 | Off | Feb, 24 | | | | | | | | | 30 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Nursery management | Techniques of Teak stumps preparation | 1 | 1 | Off | May, 12 | | | | | | | 22 | 8 | 30 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nursery management | Propagation technology of bamboo species | 1 | 1 | Off | June, 8 | | | | | | | 24 | 6 | 30 |
| Bee keeping | Flora management for honeybees | 1 | 1 | Off | July, 12 | | | | | | | 21 | 9 | 30 |
| Bee keeping | Management practices of Apiculture | 1 | 2 | On | Aug, 8-9 | | | | | | | 20 | 10 | 30 |
| Production technologies | Management practices of fodder species | 1 | 1 | Off | Aug, 17 | | | | | | | 20 | 10 | 30 |
| Production technologies | Management practices of turmeric in the. Interspaces of perennial plants | 1 | 1 | Off | Sept, 12 | | | | | | | 22 | 8 | 30 |
| Integrated Farming Systems | Management of seasonal and perennial components in the IFS unit | 1 | 1 | Off | Oct, 12 | | | | | | | 14 | 16 | 30 |

**(b) 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** |
| Soil health management (Soil sc) | Practices of natural farming | 1 | 2 | On | Aug, 23 | | | | | | | 15 | 5 | 20 |
| Production of organic inputs (Soil Sc) | Vermicomposting &vermiwash production | 1 | 3 | On | Sept, 23 | | | | | | | 15 | 5 | 20 |

| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Seed production | Seed production in vegetable crops | 1 | 3 | Off | Sept, 23 | | | | | | | | | 25 |
| Planting material production | Planting technique and propagation methods in ornamental crops | 1 | 3 | Off | Jan ,24 | | | | | | | | | 25 |

**(c) 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** |
| | | | | | | | | | | | | | | |
| Soil health management (Soil Sc) | Nutrient management through Soil Health Card and its interpretation | 1 | 2 | On | Jan, 24 | | | | | | | 18 | 2 | 20 |
| Production of organic inputs (Soil Sc) | Recycling of farm wastes | 1 | 2 | On | Feb, 24 | | | | | | | 15 | 5 | 20 |
| | | | | | | | | | | | | | | |
| Protected cultivation technology | Production technology for Protected cultivation of Vegetable | 1 | 1 | On | Nov 22 | | | | | | | | | 15 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | crops | | | | | | | | | | | | | |
| Training and pruning of orchards | Pruning in fruit crops | 1 | 1 | On | Dec, 22 | | | | | | | | | 15 |

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

## Farmers and Farm women

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Other | | | SC | | | ST | | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| **I. Crop Production** | | | | | | | | | | | | | |
| Weed Management | | | | | | | | | | | | | |
| Resource Conservation Technologies | | | | | | | | | | | | | |
| Cropping Systems | | | | | | | | | | | | | |
| Crop Diversification | | | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | | | |
| Water management | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Integrated Crop Management | | | | | | | | | | | | | |
| Fodder production | | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | | |
| Others, (cultivation of crops ) | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **II. Horticulture** | | | | | | | | | | | | | |
| **a) Vegetable Crops** | | | | | | | | | | | | | |
| Integrated nutrient management | | | | | | | | | | | | | |
| Water management | | | | | | | | | | | | | |
| Enterprise development | | | | | | | | | | | | | |
| Skill development | | | | | | | | | | | | | |
| Yield increment | | | | | | | | | | | | | |
| Production of low volume and high value crops | | | | | | | | | | | | | |
| Off-season vegetables | | | | | | | | | | | | | |
| Nursery raising | | | | | | | | | | | | | |
| Exotic vegetables like Broccoli | | | | | | | | | | | | | |
| Export potential vegetables | | | | | | | | | | | | | |
| Grading and standardization | | | | | | | | | | | | | |
| Protective cultivation (Green Houses, Shade Net etc.) | | | | | | | | | | | | | |
| Others, if any (Cultivation of Vegetable) | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **b) Fruits** | | | | | | | | | | | | | |
| Training and Pruning | | | | | | | | | | | | | |
| Layout and Management of Orchards | | | | | | | | | | | | | |
| Cultivation of Fruit | | | | | | | | | | | | | |
| Management of young plants/orchards | | | | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | | | | |
| Export potential fruits | | | | | | | | | | | | | |

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Other | | | SC | | | ST | | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Micro irrigation systems of orchards | | | | | | | | | | | | | |
| Plant propagation techniques | | | | | | | | | | | | | |
| Others, if any(INM) | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **c) Ornamental Plants** | | | | | | | | | | | | | |
| Nursery Management | | | | | | | | | | | | | |
| Management of potted plants | | | | | | | | | | | | | |
| Export potential of ornamental plants | | | | | | | | | | | | | |
| Propagation techniques of Ornamental Plants | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **d) Plantation crops** | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **e) Tuber crops** | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **f) Spices** | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **g) Medicinal and Aromatic Plants** | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Production and management technology | | | | | | | | | | | | | |
| Post harvest technology and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **III. Soil Health and Fertility Management** | | | | | | | | | | | | | |
| Soil fertility management | | | | | | | | | | | | | |
| Soil and Water Conservation | | | | | | | | | | | | | |
| Integrated Nutrient Management | | | | | | | | | | | | | |
| Production and use of organic inputs | | | | | | | | | | | | | |
| Management of Problematic soils | | | | | | | | | | | | | |
| Micro nutrient deficiency in crops | | | | | | | | | | | | | |
| Nutrient Use Efficiency | | | | | | | | | | | | | |
| Soil and Water Testing | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **IV. Livestock Production and Management** | | | | | | | | | | | | | |

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Other | | | SC | | | ST | | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Dairy Management | | | | | | | | | | | | | |
| Poultry Management | | | | | | | | | | | | | |
| Piggery Management | | | | | | | | | | | | | |
| Rabbit Management | | | | | | | | | | | | | |
| Disease Management | | | | | | | | | | | | | |
| Feed management | | | | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | | | | |
| Others, if any (Goat farming) | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **V. Home Science/Women empowerment** | | | | | | | | | | | | | |
| Household food security by kitchen gardening and nutrition gardening | | | | | | | | | | | | | |
| Design and development of low/minimum cost diet | | | | | | | | | | | | | |
| Designing and development for high nutrient efficiency diet | | | | | | | | | | | | | |
| Minimization of nutrient loss in processing | | | | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | | | | |
| Storage loss minimization techniques | | | | | | | | | | | | | |
| Enterprise development | | | | | | | | | | | | | |
| Value addition | | | | | | | | | | | | | |
| Income generation activities for empowerment of rural Women | | | | | | | | | | | | | |
| Location specific drudgery reduction technologies | | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | | |
| Capacity building | | | | | | | | | | | | | |
| Women and child care | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **VI. Agril. Engineering** | | | | | | | | | | | | | |
| Installation and maintenance of micro irrigation systems | | | | | | | | | | | | | |
| Use of Plastics in farming practices | | | | | | | | | | | | | |
| Production of small tools and implements | | | | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | | | | | | | | | | | | | |
| Small scale processing and value addition | | | | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **VII. Plant Protection** | | | | | | | | | | | | | |
| Integrated Pest Management | | | | | | | | | | | | | |

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Other | | | SC | | | ST | | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Integrated Disease Management | | | | | | | | | | | | | |
| Bio-control of pests and diseases | | | | | | | | | | | | | |
| Production of bio control agents and bio pesticides | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **VIII. Fisheries** | | | | | | | | | | | | | |
| Integrated fish farming | | | | | | | | | | | | | |
| Carp breeding and hatchery management | | | | | | | | | | | | | |
| Carp fry and fingerling rearing | | | | | | | | | | | | | |
| Composite fish culture & fish disease | | | | | | | | | | | | | |
| Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond | | | | | | | | | | | | | |
| Hatchery management and culture of freshwater prawn | | | | | | | | | | | | | |
| Breeding and culture of ornamental fishes | | | | | | | | | | | | | |
| Portable plastic carp hatchery | | | | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **IX. Production of Inputs at site** | | | | | | | | | | | | | |
| Seed Production | | | | | | | | | | | | | |
| Planting material production | | | | | | | | | | | | | |
| Bio-agents production | | | | | | | | | | | | | |
| Bio-pesticides production | | | | | | | | | | | | | |
| Bio-fertilizer production | | | | | | | | | | | | | |
| Vermi-compost production | | | | | | | | | | | | | |
| Organic manures production | | | | | | | | | | | | | |
| Production of fry and fingerlings | | | | | | | | | | | | | |
| Production of Bee-colonies and wax sheets | | | | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | | | | |
| Production of Fish feed | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **X. Capacity Building and Group Dynamics** | | | | | | | | | | | | | |
| Leadership development | | | | | | | | | | | | | |
| Group dynamics | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | |
| Mobilization of social capital | | | | | | | | | | | | | |
| Entrepreneurial development of | | | | | | | | | | | | | |

| 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 |
| farmers/youths | | | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| **XI Agro-forestry** | | | | | | | | | | | | | |
| Production technologies | 02 | | | | | | | | | | | | 60 |
| Nursery management | 02 | | | | | | | | | | | | 60 |
| Integrated Farming Systems | 03 | | | | | | | | | | | | 90 |
| **TOTAL** | **07** | | | | | | | | | | | | **210** |
| **XII. Others (Pl. Specify)** | | | | | | | | | | | | | |
| **TOTAL** | | | | | | | | | | | | | |

## Rural youth

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Other | | | SC | | | ST | | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Mushroom Production | | | | | | | | | | | | | |
| Bee-keeping | | | | | | | | | | | | | |
| Integrated farming | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | |

| 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 |
| Para vets | | | | | | | | | | | | | |
| Para extension workers | | | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | | | |
| Freshwater prawn culture | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Cold water fisheries | | | | | | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | | | | | | |
| Fry and fingerling rearing | | | | | | | | | | | | | |
| Small scale processing | | | | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | | | | |
| Tailoring and Stitching | | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | | |
| Enterprise development | | | | | | | | | | | | | |
| Others if any (ICT application in agriculture) | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |

## Extension functionaries

| 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 | | | | | | | | | | | | | |
| Value addition | | | | | | | | | | | | | |
| Protected cultivation technology | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | |
| Group Dynamics and farmers organization | | | | | | | | | | | | | |
| Information networking among farmers | | | | | | | | | | | | | |
| Capacity building for ICT application | | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Care and maintenance of farm machinery and implements | | | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | | | |
| Management in farm animals | | | | | | | | | | | | | |
| Livestock feed and fodder production | | | | | | | | | | | | | |
| Household food security | | | | | | | | | | | | | |
| Women and Child care | | | | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | | | | | | | | | | | | | |
| Production and use of organic inputs | | | | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | | | | |
| Crop intensification | | | | | | | | | | | | | |
| Others if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |

## 4. Frontline demonstration to be conducted*

**Crop**:
**Thrust Area**:
**Thematic Area**:
**Season**:
**Farming Situation**:

## Soil

**FLD1: Demonstration on application of fertilizer NPK::300:100:60 Kg/ha+ FYM@10 t/ha alongwith mulching in sugarcane**

**Crop**: Sugarcane

**Thrust Area**: Enhancing Soil health and yield of Sugarcane
**Thematic Area**: Integrated Nutrient Management
**Season**: Kharif 2023-24
**Farming Situation**: Irrigated medium land
**Farmers Practice:** Fertilizer (200-60-40) application only
**Source:** Annual Report, OUAT-2011-12, pp-17

| 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 | Sugarcane | 1 ha | application of fertilizer NPK::300:100:60 Kg/ha+ FYM@10 t/ha alongwith mulching, stubble shaving and gap filling of sugarcane within a week of harvesting of crop | Plant height, Yield (q/ha)<br>Net Income (Rs./ha) | | | | | | | | | | 13 | | 13 |

**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 |
| Training | Integrated nutrient management in sugarcane | 1 | F/FW | 1 | Off | | | | | | | 30 | | 30 |
| Field day | Field day on application of fertilizer NPK::300:100:60 | 1 | F/FW, extension functionaries | 1 | Off | | | | | | | 35 | 5 | 40 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Kg/ha+ FYM@10 t/ha alongwith mulching in sugarcane | | | | | | | | | | | | | |

**FLD2: Demonstration on Rate and schedule of fertilizer application in sunflower**

**Crop**: Sunflower
**Thrust Area**: Enhancement of profitability from sunflower cultivation
**Thematic Area**: Nutrient management
**Season**: Rabi 2022-23
**Farming Situation**:Irrigated medium land, rice-sunflower CS

**Farmers Practice:**NPK dose (80-100-40)

| 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 | Sunflower | 4 ha | Application of NPK 90:90:60 with 2 splits of N, 60% + 40% | Seed wt/Capitulum, Head dia in cm, Yield,B:C ratio | | | | | | | | | | 15 | | 15 |

**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 |
| Training | Integrated crop management in sunflower | 2 | F/FW | 2 | Off | | | | | | | 52 | 8 | 60 |
| Field Day | Field day on nutrient management in sunflower | 1 | F/FW, extension functionaries | 1 | Off | | | | | | | 45 | 5 | 50 |

**Hort**

**FLD : Demonstration on trellis in bitter gourd for higher production**

**Crop**: bitter gourd
**Thrust Area**: **ICM**
**Thematic Area**: production and management technology in vegetable crops
**Season**: Rabi 2023-24
**Farming Situation**: upland and medium land
**Problem:** High incidence of fruit rot due to ground trelling
**Farmers Practice:** Ground trelling

| 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 | Bitter gourd | 10 demos | Lean to type trellies-stake are joined between two adjoining bed forming an A shaped structure .horizontal stakes are installed at the top joining of all other beds.T he stakes support the climbing vines. Strings are used to secure adjoining stakes, trellies height 2m | Length of fruit, wt of fruit(g), incidence of fruit rot, yield (q/ha) | Seed , seedlings , strings, GI wire, bamboo, net | | | | | | | | | | | 10 |

**FLD : Demonstration on seed bed sterilization for controlling damping off of seedling**

**Crop**: Solanaceous crops

**Thrust Area**: nursery management

**Thematic Area**: raising quality seedlings

**Season** kharif 2023

**Farming Situation**: rainfed upland and irrigated uplands

**Problem:** Damping off of seedling in nursery bed

**Farmers Practice:** burning of straw and plant residue on nursery bed

| 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 | Solanaceous crop | 10 demos | Soil sterilization using 250 gauge transparent polythene for 25days followed by soil treatment with T. Viridae @ 5g/m2 and seed treatment with t. viridae @ 5g/kg of seed Source: NHRDF 2018 | Ht of seedling (cm)<br>No of leaves/seedling<br>Mortlity % | Transparent polythene, seed, T.Viridae | | | | | | | | | | | 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 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Training | On seed bed sterilization of nursery bed | 1 | F/FW | 1 | Off | | | | | | | | | 30 |
| Field day | Field day | 1 | F/FW | 1 | Off | | | | | | | | | 50 |

**FLD : Demonstration on** Fertigation in vegetable crop under drip system

**Crop**: vegetable crops

**Thrust Area**: Nutrient management

**Thematic Area**: INM

**Season** Rabi 2023-24

**Farming Situation**: Rainfed upland and irrigated uplands

**Problem:** Yield loss in vegetable crops due to improper nutrient management in drip system

**Farmers Practice:** Use of normal fertiliser in drip system

| 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 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | SC | | ST | | Other | | Total | | |
| | | | | | Name of Inputs | Demo | Local | M | F | M | F | M | F | M | F | T |
| 1 | Vegetable crop | 10 demos | 75% of RDF of phosphorus applied as basal<br>75% of RDF of phosphorus applied as basal<br>20:75:10 kg at crop establishment state, 80-15-40kg at vegetative state, 60-75-30 at flower initiation | Weed control index<br>Fruit /plant<br>Yield (q) | weedicide | | | | | | | | | | | 10 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | stage, 0-40-7.5 at harvesting stage through fertigation Source TNAU Portal 2019 | | | | | | | | | | | | | |

**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 |
| Training | Fertigation in vegetablecrops under drip | 1 | F/FW | 1 | 0ff | | | | | | | | | 30 |
| Field Day | Field day | 1 | F/FW | 1 | 0ff | | | | | | | | | 30 |

**FLD : Demonstration on ICM in Elephant foot yam**

**Crop**: Elephant foot yam
**Thrust Area**: ICM
**Thematic Area**: ICM
**Season:** Kharif 2023
**Farming Situation**: Rainfed upland and irrigated uplands
**Problem** poor yield in Elephant foot Yam
**Farmers Practice:** use of NPK 80:50:0 kg/ha, corm planted without seed treatment

| 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 | Elephant foot yam | 10 demos | 2/3rd of N (100kg/ha), full $P_2O_5$(100kg/ha) and $K_2O$ (150 kg/ha) and Azospirillium | Wt of corm/plant g, width of corm/plant(c | Corms Fertilizer, bio-fertilizer | | | | | | | | | | | 10 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | (10kg/ha) Seed treatment with trichoderma 4g/kg of cow dung Source: RRTTS Mahisapet 2010 | m) yield (q) | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

**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 |
| Training | INM in EFY | 1 | F/FW | 1 | 0ff | | | | | | | | | 30 |
| Field day | Field day | 1 | F/FW | 1 | off | | | | | | | | | 50 |

**Fishery sc**

**FLD :** Genetically improved Catla spawns for maximizing fry production in nursery tanks

**Crop**: Fishery
**Thrust Area**:
**Thematic Area**: Seed Production
**Season:** *Kharif ,* 2023-24
**Farming Situation**: Irrigated , Lowland
**Problem:** **Slow growth rate of catla spawn and opportunity for improvement using GI catla**

**Farmers Practice:** Nursery rearing of IMC and exotic carps only

| Sl. No. | Crop & variety / Enterprises | Proposed Area (ha)/ Unit (No.) | Technology package for demonstration | Parameter (Data) in relation to technology demonstra | 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 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | **ted** | | | | | | | | | | | | |
| 1 | | 1 | Nursery management with stocking of improved Catla spawns with phased manuring | SGR, SR , Weight gained(gm) , Additional income (Rs./ha) , B:C | | | | | | | | | | | | 6 |
| | | | | | | | | | | | | | | | | |

**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** |
| Training | Nursery pond management practices GI Catla spawn | 1 | Farmers | 1 | Off | | | | | | | | | 30 |
| Field day | Management practices GI Catla spawn | 1 | F/FW, Extension functionaries | 1 | Off | | | | | | | | | 50 |

**FLD :** Demonstration on growth promoters in nursery tanks for carp fry production

**Crop**:

**Thrust Area**:

**Thematic Area**:

**Season:** *Rabi,* 2023-24

**Farming Situation**:

**Problem:** Low survivility and less growth of fry in nursery tanks

**Farmers Practice:**

| 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 | | 1 | Incorporation of commercially available RAAFRES-AQ @250ppm in powder feed | SGR, SR, MWG(g/day), RGR, Additional income (Rs./ha) , B:C | | | | | | | | | | | | 6 |
| | | | | | | | | | | | | | | | | |

**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 |
| Training | Use of growth promoters in nursery tanks for carp fry production | 1 | Farmers | 1 | Off | | | | | | | | | 30 |
| Field day | Growth promoters in nursery tanks for carp fry production | 1 | F/FW, Extension functionaries | 1 | Off | | | | | | | | | 50 |

**FLD :** Incorporation of Amur carp in composite carp culture for maximizing fish production

**Crop**: Fish

**Thrust Area**: Fish species diversification for enhanced productivity

**Thematic Area**: Varietal evaluation

**Season:** *Rabi,* 2024-25

**Farming Situation**: Pond based farming system

**Problem: Low**

**Farmers Practice:** Culture practices of IMC only with stocking ratio of C:R:M::4:3:3.

| 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 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | SC | | ST | | Other | | Total | | |
| | | | | | Name of Inputs | Demo | Local | M | F | M | F | M | F | M | F | T |
| 1 | | 3 | Stocking ratio Catla: Rohu : Mrigal :Amur carp :: 30:40:15:15 | SGR, TWG, SR (%), FI, Additional income (Rs./ha) , B:C | | | | | | | | | | | | 6 |
| | | | | | | | | | | | | | | | | |

**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 |
| Training | stocking management in pisciculture tanks | 1 | Farmers | 1 | Off | | | | | | | | | 30 |
| Field day | stocking | 1 | F/FW, | 1 | Off | | | | | | | | | 50 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | management in pisciculture tanks | | Extension functionaries | | | | | | | | | | | |

**FLD : Demonstration on CIFA- Carp Grower feed in grow-out pond**

**Thrust Area**: Production management
**Thematic Area**: Feeding management
**Season:** *Rabi,* 2024-25
**Farming Situation**: Pond based farming system
**Problem**: Low yield from the existing feed i.e GNOC, RB
**Farmers Practice:** Use of GNOC:RB @1:1 as supplementary feed in grow out ponds

| 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 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | SC | | ST | | Other | | Total | | |
| | | | | | Name of Inputs | Demo | Local | M | F | M | F | M | F | M | F | T |
| 1 | | 3 | Feeding with "CIFA – Carp Grower Floating Feed" to stunted fingerlings with a gradually decreasing feeding rate 3 to 1 % of total biomass daily during the culture period | FCR, TWG, SGR, SR (%), FI,FER, Additional income (Rs./ha), B:C | | | | | | | | | | | | 6 |
| | | | | | | | | | | | | | | | | |

**Extension and Training activities under FLD:**

| Activity | Title of | No. | Clientele | Duration | Venue | No. of Participants | | |
|---|---|---|---|---|---|---|---|---|

| | Activity | | | | On/Off | SC | | ST | | Other | | Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | M | F | M | F | M | F | M | F | T |
| Training | **Feeding managmetn practices of CIFA-Carp Grower feed in grow-out pond** | 1 | Farmers | 1 | Off | | | | | | | | | 30 |
| Field day | **CIFA- Carp Grower feed in grow-out pond** | 1 | F/FW, Extension functionaries | 1 | Off | | | | | | | | | 50 |

**FLD :** Rearing of ducklings in backyard pond

**Breed**: Khaki campbell
**Thrust Area**:
**Thematic Area**: Small scale income generation of farmwomen
**Season**: Round the year
**Farming Situation**: Pond based
**Farmers Practice:** Brooding of day old chicks using local practice

| 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 | | | Rearing of 21days old Ducklings | Average weight gain (gm/bird/ month), ,Additional income | | | | | | | | | | | | 10 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | (Rs./ha) , B:C | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

**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 |
| Training | Management practices of pond based duck farming | 1 | FW | 1 | Off | | | | | | | | 30 | 30 |
| Field Day | Field day | 1 | F/FW, extension functionaries | 1 | Off | | | | | | | 12 | 38 | 50 |

**FLD :** Rearing of poultry birds in backyard

**Breed**: Khaki campbell
**Thrust Area**:
**Thematic Area**: Small scale income generation of farmwomen
**Season**: Round the year
**Farming Situation**: Pond based
**Farmers Practice:** Rearing of day old birds and low income

| 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 | | | Rearing of 21days old poultry birds in | Average weight gain | | | | | | | | | | | | 10 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | backyard | (gm/bird/ month), Additional income (Rs./ha), B:C | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

**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** |
| Training | Management practices of of poultry farming | 1 | FW | 1 | Off | | | | | | | | 30 | 30 |
| Field Day | Field management of poultry chicks in backyard | 1 | F/FW, extension functionaries | 1 | Off | | | | | | | 12 | 38 | 50 |

**FLD : Demonstration on marigold cultivation**

**Crop**: Marigold
**Thrust Area**: income generation
**Thematic Area**: ICT
**Season**: Rabi 2023-24
**Farming Situation**: Backyard/ irrigated upland
**Farmers Practice:** Under utilized backyard uplands

| **Sl. No** | **Crop & variety /** | **Propose d Area** | **Technology package for** | **Parameter (Data) in** | **Cost of Cultivation (Rs.)** | | | **No. of farmers / demonstration** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | **Name of** | **Demo** | **Local** | **SC** | **ST** | **Other** | **Total** |

| . | Enterprises | (ha)/ Unit (No.) | demonstration | relation to technology demonstrated | Inputs | | | M | F | M | F | M | F | M | F | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Marigold | 10 | Transplanting of seedlings at spacing 60×45 cm, topping of apical shoots at 15days interval (3 times), application of DAP+ Potash @50g/plant before flowering and flowering stage | No. of flowers/plant, flower yield, economics | Seedling, PP Chemicals | | | | | | | | | | | 20 |

**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 |
| Training | ICM in marigold | 1 | F/FW | 1 | | | | | | | | | | 30 |
| Field day | Field day on marigold cultivation | 1 | F/FW | 1 | | | | | | | | | | 50 |

**FLD: Production of paddy straw mushroom in semi composted substrate**

**Crop**: Mushroom

**Thrust Area**:

**Thematic Area**: Income generation
**Season:** Kharif, 2023-24
**Farming Situation**: Homestead
**Problem:** Unavailability of unthreshed paddy straw
**Farmers Practice:** Traditional method of mushroom cultivation by using unthreshed paddy straw

| 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 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | SC | | ST | | Other | | Total | | |
| | | | | | Name of Inputs | Demo | Local | M | F | M | F | M | F | M | F | T |
| 1 | Mushroom | | Paddy straw + wheat bran@ 6% + Chicken manure @1.2% + CaCO3 @2% (Paddy straw chopped into 2-3 inches, the cut pieces to be spread in a thin layer and kept wet for 24 hours by sprinkling water to maintain 70 to 80 % moisture. All the ingredients except CaCO3 to be mixed with the wet straw to form heap and cover with a thin polythene sheet. Turning will be given on the 2nd,3rd & 4th day, CaCO3 to be mixed thoroughly and heap will be restored again. Semi-composted substrate will be ready on the 6th day to prepare bed. | Yield per bed, days for pin head appearance , days of first harvest, bud weight | Mushroom spawn, polythene, CaCO3 | | | | | | | | | | | 5 |
| | | | | | | | | | | | | | | | | |

**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 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

**FLD :**

**Crop**:
**Thrust Area**:
**Thematic Area**:
**Season:**
**Farming Situation**:
**Problem:**
**Farmers Practice:**

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

**Extension and Training activities under FLD:**

| Activity | Title of | No. | Clientele | Duration | Venue | No. of Participants | | |
|---|---|---|---|---|---|---|---|---|

| | Activity | | | | On/Off | SC | | ST | | Other | | Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | M | F | M | F | M | F | M | F | T |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

**FLD: Nutritional garden for improving nutritional security of farm family**

**Crop**: Nutritional garden
**Thrust Area**: Nutritional security of farm family
**Thematic Area**: Nutritional security
**Season**: Round the year 2021
**Farming Situation**: Kitchen garden
**Farmers Practice:** Seasonal vegetable cultivation without proper planning

| 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 | Nutritional garden | 10 units | Trellis structure with PP rope for raising cucurbits, raising seedlings in trays, vermi composting in ring tank<br>Growing leafy vegetables, brinjal, tomato, chilli, yam, elephant foot yam, pumpkin, bottle gourd, bitter gourd etc , 2 papaya, 1 lemon, 1 drumstick and 2 banana plants | Availability of vegetable/day<br>Cost of input,<br>Mean increase in consumption of vegetables and fruits compared to RDA (%) | | | | | | | | | | | 20 | 20 |

**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 |
| Training | Nutritional security of farm | 1 | FW | 1 | Off | | | | | | | | 30 | 30 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | families | | | | | | | | | | | | | |
| Field day | Field day on nutritional gardening in backyard | 1 | F/FW, extension functionaries | 1 | Off | | | | | | | 15 | 35 | 50 |

**FLD: Moringa powder-preparation, its packaging and branding for income generation of WSHGs**

**Crop:** Moringa
**Thrust Area**: income generation of WSHGs
**Thematic Area**: Value addition
**Season**: Kharif-2022
**Farming Situation**: Homestead
**Farmers Practice:** Low economic activities in backyard garden

| 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 | Moringa - Value addition | 10 WSHGs | Growing moringa with high density planting, var. PKM-1, The leaves after harvest to be stripped off the stem, washed and dried under shade. The dried leaves to be powdered using grinder and to be packaged in air tight packets | Moringa powder production/SHG, additional net income, storability | | | | | | | | | | | 10 | 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 |
| Training | Preparation of Moringa powder-preparation, its packaging and branding | 1 | FW | 1 | Off | | | | | | | | 30 | 30 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | for income generation of WSHGs | | | | | | | | | | | | | |
| Field Day | Field day on Preparation of Moringa powder-preparation, its packaging and branding for income | 1 | F/FW, extension functionaries | 1 | Off | | | | | | | 12 | 38 | 50 |

**FLD: Demonstration on Tree-turmeric intercropping system**

**Crop**: *Acacia spp*. and Turmeric
**Thrust Area**: Proper utilization of interspaces of block plantation of Trees.
**Thematic Area**: Production technologies .
**Season**: Krarif, 2023
**Farming Situation**: Rainfed upland of existing block plantation of Trees.
**Farmers Practice:** Monocropping

| 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 | Turmeric | 05 demos | Turmeric (var. Rajendra Sonia) to be planted as per the interspace availability in the existing block plantation of Trees. | Rhizome/plant(no)<br><br>Rhizome weight/Plant(gm) | Turmeric seeds in addition to recommended dose of NPK | | | | | | | | | 4 | 1 | 5 |

**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 |
| Training | Silvicultural operations of *Acacia spp* | 01 | Farmers | 1 | off | | | | | | | 22 | 8 | 30 |
| Field day | Silvicultural operations of *Acacia spp* | 01 | Farmers, Extension functionaries | 1 | off | | | | | | | 38 | 12 | 50 |

**********

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

**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 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

* Repeat the above tables and information in Point no. 4 for EACH FLD being proposed.

**5. 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.) |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Seedlings (vegetable) | OP. Hybrid | Jan to Feb, Aug to Dec | 0.11 | F1, OP vars. | 30000 no. | 3500 | 45000 | 15000 |
| Fruit seedling | - | Round the year | - | - | 3000 no | 10000 | 30000 | 20000 |
| Forest sapling | | Round the year | Nursery | Various spp (Teak, Mangium, Acacia, Mahogany etc.) | 2000 no. | 15000 | 3000 | 12000 |
| | | | | | | | | |
| | | | | | | | | |

**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.) |
| | | | | | | | | | |
| | | | | | | | | | |

**6. 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 |
| 1. | Field Day | 23 | | | | | | | | | | 1000 |
| 2. | KisanMela | 3 | | | | | | | | | | 900 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3. | KisanGhosthi | 0 | | | | | | | | | | 0 |
| 4. | Exhibition | 0 | | | | | | | | | | 0 |
| 5. | Film Show | 25 | | | | | | | | | | 600 |
| 6. | Method Demonstrations | 8 | | | | | | | | | | 202 |
| 7. | Farmers Seminar | 0 | | | | | | | | | | 0 |
| 8. | Workshop | 1 | | | | | | | | | | 30 |
| 9. | Group meetings | 0 | | | | | | | | | | 0 |
| 10. | Lectures delivered as resource persons | 12 | | | | | | | | | | 720 |
| 11. | Advisory Services | 0 | | | | | | | | | | 0 |
| 12. | Scientific visit to farmers field | 82 | | | | | | | | | | 875 |
| 13. | Farmers visit to KVK | 0 | | | | | | | | | | 2500 |
| 14. | Diagnostic visits | 34 | | | | | | | | | | 430 |
| 15. | Exposure visits | 2 | | | | | | | | | | 60 |
| 16. | Ex-trainees Sammelan | 0 | | | | | | | | | | 0 |
| 17. | Soil health Camp | 2 | | | | | | | | | | 52 |
| 18. | Animal Health Camp | 1 | | | | | | | | | | 50 |
| 19. | Agri mobile clinic | 0 | | | | | | | | | | 0 |
| 20. | Soil test campaigns | 1 | | | | | | | | | | 25 |
| 21. | Farm Science Club Conveners meet | 0 | | | | | | | | | | 0 |
| 22. | Self Help Group Conveners meetings | 2 | | | | | | | | | | 60 |
| 23. | MahilaMandals Conveners meetings | 0 | | | | | | | | | | 0 |
| 24. | Celebration of important days (specify) | 2 | | | | | | | | | | 60 |
| 25. | Sankalp Se Siddhi | 0 | | | | | | | | | | 0 |
| 26. | Swatchta Hi Sewa | 0 | | | | | | | | | | 0 |
| 27. | Mahila Kisan Diwas | 1 | | | | | | | | | | 50 |
| 28. | Any Other (Specify) | 4 | | | | | | | | | | 120 |
| | Total | **203** | | | | | | | | | | **7734** |

**7. Revolving Fund (in Rs.)**

| Opening balance of 2023-2024 (As on 01.04.2023) | Amount proposed to be invested during 2023-2024 | Expected Return |
|---|---|---|
| | 14,00,000 | 17,00,000 |

**8. Expected fund from other sources and its proposed utilization**

| Project | Source | Amount to be received (Rs. in lakh) |
|---|---|---|
| CFLD | ICAR | 720000 |
| CSISA | ICAR | 100000 |

**9. On-farm trials to be conducted***

**i. Season:**
**ii. Title of the OFT:**
**iii. Thematic Area:**
**iv. Problem diagnosed:**
**v. Important Cause:**
**vi. Production system:**
**vii. Micro farming system:**
**viii. Technology for Testing:**
**ix. Existing Practice:**
**x. Hypothesis:**
**xi. Objective(s):**
**xii. Treatments:**
Farmers Practice (FP):
Technology option-I (TO-I):
Technology option-II (TO-II): and so on……
**xiii. Critical Inputs:**
**xiv. Unit Size:**
**xv. No of Replications:**
**xvi. Unit Cost:**
**xvii. Total Cost:**
**xviii. Monitoring Indicator:**
**xix. Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):**

*Repeat the same format for EACH OFT being proposed.

**OFT-1**

| | | | |
|---|---|---|---|
| **i.** | **Season** | **:** | Rabi, 2022 |
| **ii.** | **Title of the OFT** | **:** | Assessment of summer rice varieties for coastal saline soils |
| **iii.** | **Thematic Area** | **:** | Varietal evaluation |
| **iv.** | **Problem diagnosed** | **:** | Low yield due to salinity during reproductive stage of summer rice |
| **v.** | **Production system** | **:** | Rice-Vegetable |
| **vi.** | **Micro farming situation** | **:** | Irrigated medium land |

| | | | |
|---|---|---|---|
| **vii.** | **Technology for Testing** | **:** | Salt tolerant rice varieties. |
| **viii.** | **Existing Practice** | **:** | Cultivation of rice vars. Lalat/Khandagiri |
| **ix.** | **Objective(s)** | **:** | To evaluate suitable rice varieties under saline affected soil condition |
| **x.** | **Treatments** | **:** | FP: Cultivation of rice vars. Lalat/Khandagiri<br>TO1: Rice var. Luna Sankhi<br>TO2: Rice var. CSR 4<br>TO3: Rice var. Canning 7 |
| **xi.** | **Critical Inputs** | **:** | Three varieties as given above Luna Sankhi, CSR 4, Canning 7 |
| **xii.** | **Unit Size** | **:** | |
| **xiii.** | **No of Replications** | **:** | 5 |
| **xiv.** | **Unit Cost** | **:** | |
| **xv.** | **Total Cost** | **:** | |
| **xvi.** | **Monitoring Indicator** | **:** | No.of tillers/hill, panicles/hill, grains/panicle, grain yield, economics |
| **xvii.** | **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)** | **:** | NRRI, 2011, CSSRI, 1990, CSSRI, 1995 |

**Soil**

**OFT-2**

| | | | |
|---|---|---|---|
| **i.** | **Season** | **:** | Rabi, 2023-24 |
| **ii.** | **Title of the OFT** | **:** | Assessment of B & S in groundnut |
| **iii.** | **Thematic Area** | **:** | Organic farming |
| **iv.** | **Problem diagnosed** | **:** | Opportunity for promoting organic farming in vegetables |
| **v.** | **Production system** | **:** | Rice-Vegetable |
| **vi.** | **Micro farming situation** | **:** | Irrigated medium land |
| **vii.** | **Technology for Testing** | **:** | Impact study of Jeevamrut Ghanjeevamrt, Brahmastra, neemastra, intercrop, mulching & trap crop application |
| **viii.** | **Existing Practice** | **:** | Imbalance application of NPK, particularly high use of N & P |
| **ix.** | **Objective(s)** | **:** | To assess the impact of B & S on yield of groundnut<br>To assess economics |
| **x.** | **Treatments** | **:** | FP: NPK @16-30-30<br>TO1: Two Foliar spray @0.03 % B at 10days interval starting from 30 days after sowing<br>TO2: Soil application of S @ 30 Kg/ha<br>TO3: Two Foliar spray @0.03 % B at 10days interval starting from 30 days after sowing + Soil application of S @ 30 Kg/ha |
| **xi.** | **Critical Inputs** | **:** | B & S |
| **xii.** | **Unit Size** | **:** | 100 $m^2$ |
| **xiii.** | **No of Replications** | **:** | 7 |
| **xiv.** | **Unit Cost** | **:** | |
| **xv.** | **Total Cost** | **:** | |

| | | | |
|---|---|---|---|
| **xvi.** | **Monitoring Indicator** | **:** | No. of fruits/plant, fruit weight, Yield, SOC, available NPK, Economics |
| **xvii.** | **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)** | **:** | AICRP on Micro and Secondary Nutrients, OUAT, Bulletin, 2017 |

**OFT-3**

| | | | |
|---|---|---|---|
| **i.** | **Season** | **:** | Rabi, 2023-24 |
| **ii.** | **Title of the OFT** | **:** | Assessment of natural farming practices in few vegetable crops (Brinjal, pointed gourd, tomato) |
| **iii.** | **Thematic Area** | **:** | Natural farming |
| **iv.** | **Problem diagnosed/Opportunity** | **:** | Opportunity for improvement in soil health, cost reduction |
| **v.** | **Production system** | **:** | Rice-Vegetable |
| **vi.** | **Micro farming situation** | **:** | Irrigated medium land |
| **vii.** | **Technology for Testing** | **:** | Natural farming practices |
| **viii.** | **Existing Practice** | **:** | NPK @80-50-60 |
| **ix.** | **Objective(s)** | **:** | To access the natural farming practices in vegetable crops<br>To assess the economics |
| **x.** | **Treatments** | **:** | FP: Application of NPK @80-50-60kg/ha<br>$TO_1$: Beejamrut+Jivamrut, straw mulching, Neemastra<br>$TO_2$: Amrut ghol ( Cow urine-5 L +Cow dung-1 Kg + decaying fruits juice-1 L - kept for 5 days for fermentation) as Soil +Foliar application |
| **xi.** | **Critical Inputs** | **:** | Plastic drum |
| **xii.** | **Unit Size** | **:** | 100 sqm |
| **xiii.** | **No of Replications** | **:** | 7 |
| **xiv.** | **Unit Cost** | **:** | |
| **xv.** | **Total Cost** | **:** | |
| **xvi.** | **Monitoring Indicator** | **:** | No. of fruits/plant, fruit size, SOC, Yield, Economics |
| **xvii.** | **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)** | **:** | Subhash Palekar Krishi, 2017, Akhil Bharatiya Sajiv Kheti Samaj, Mapusa, Goa |

**Hort**

**OFT-4**

| | | | |
|---|---|---|---|
| **i.** | **Season** | **:** | Kharif 2023-24 |
| **ii.** | **Title of the OFT** | **:** | Assessment of different growing media for raising seedlings in protrays |

| | | | |
|---|---|---|---|
| **iii.** | **Thematic Area** | **:** | Nursery raising |
| **iv.** | **Problem diagnosed** | **:** | Lack of suitable growing media for raising seedling |
| **v.** | **Production system** | **:** | uplands |
| **vi.** | **Micro farming situation** | **:** | Irrigated uplands |
| **vii.** | **Technology for Testing** | **:** | Growing media |
| **viii.** | **Existing Practice** | **:** | Raising seedlings in soil |
| **ix.** | **Objective(s)** | **:** | To assess and find out the growing media for quality vegetable seedling production |
| **x.** | **Treatments** | **:** | FP: Raising seedling in soil based nursery beds<br>TO1: raising seedlings in portray with Cocopeat, Spraying of 0.3 percent (3g/liter) water-soluble fertilizer using poly feed (19 all with trace elements) twice (12 and 20 days after sowing) is practiced to enhance the growth of the seedlings, Systemic insecticides are sprayed 7-10 days after germination and before transplanting for managing the insect vectors. 238 protrays (**98 cells**) are required for for one hectare<br>TO2 : raising seedling using 75% Cocopeat + 25 % FYM enriched with neemcake and biopesticides) in protrays Water soluble 19:19:19 fertilizers were drenched @ 5g/l on 18 days after sowing to boost the growth |
| **xi.** | **Critical Inputs** | **:** | Portray,growing media, systemic insecticide, fungicide |
| **xii.** | **Unit Size** | **:** | 400m2 |
| **xiii.** | **No of Replications** | **:** | 7 |
| **xiv.** | **Unit Cost** | **:** | |
| **xv.** | **Total Cost** | **:** | |
| **xvi.** | **Monitoring Indicator** | **:** | Germination %.mortality %, seedling ht (cm), seedling girth (cm0,leaf area $cm^2$, B:C ratio |
| **xvii.** | **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)** | **:** | TO2- technologies CIWA2015<br>TO-3- TNAU portal 2019 |

**OFT -5**

| | | | |
|---|---|---|---|
| **xviii.** | **Season** | **:** | Late Kharif 2023-24 |
| **xix.** | **Title of the OFT** | **:** | **Assessment of improved varieties of cowpea** |
| **xx.** | **Thematic Area** | **:** | Varietal evaluation |
| **xxi.** | **Problem diagnosed** | **:** | Low yield of *cowpea* due to use of degenerated local varieties |
| **xxii.** | **Production system** | **:** | uplands |
| **xxiii.** | **Micro farming situation** | **:** | Irrigated uplands |
| **xxiv.** | **Technology for Testing** | **:** | Cowpea varieties |
| **xxv.** | **Existing Practice** | **:** | Growing of degenerated local cowpea varieties |

| | | | |
|---|---|---|---|
| xxvi. | **Objective(s)** | : | To assess and find out suitable cowpea varieties |
| xvii. | **Treatments** | : | FP: local variety<br>TO1: Utkal manik this is a dwarf and bush type , photo insensitive early flowering variety having resistance to trips and drought. Potential yield of 150q/ha<br><br>TO2 : Kashi Kanchan This is dwarf and bush type (height 50-60 cm), photo-insensitive, early flowering (40-45 days after sowing) and early picking (50-55 days after sowing) variety suitable for growing in both spring-summer and rainy seasons. Pods are about 30-35 cm long, dark green, soft, fleshy and free from parchment. Resistant to golden mosaic virus and *pseudocercospora cruenta*.pot yield 150-175q/ha |
| xviii. | **Critical Inputs** | : | Seed ,Rhizobium |
| xxix. | **Unit Size** | : | 400m2 |
| xxx. | **No of Replications** | : | 7 |
| xxxi. | **Unit Cost** | : | |
| xxii. | **Total Cost** | : | |
| xxiii. | **Monitoring Indicator** | : | Yield/plant |
| xxiv. | **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)** | : | TO2- OUAT, BBSR 2010<br>TO-3- IIVR, Varanasi 2018 |

**Fishery Sc**

**OFT-6**

| | | | |
|---|---|---|---|
| **i.** | **Season** | : | Rabi 2023-24 |
| **ii.** | **Title of the OFT** | : | Assessment of growth performance of Sea bass in polyculture with IMC in shrimp pond |
| **iii.** | **Thematic Area** | : | Production management |
| **iv.** | **Problem diagnosed/Opportunity** | : | Non utilization of shrimp pond after the harvesting (dry phase) |
| **v.** | **Production system** | : | Pond based |
| **vi.** | **Micro farming situation** | : | Irrigated low land low saline |
| **vii.** | **Technology for Testing** | : | Growth performance of Sea bass in polyculture with IMC in shrimp pond |
| **viii.** | **Existing Practice** | : | Underutilization of shrimp pond after the harvest or IMC only |
| **ix.** | **Objective(s)** | : | |
| **x.** | **Treatments** | : | FP: Underutilization of shrimp pond after the harvest or IMC only<br>TO1: IMC with additional Stocking of sea bass seed (10%)<br>TO2: IMC with additional Stocking of sea bass seed (15%)<br>TO3: IMC with additional Stocking of sea bass seed (20%) |
| **xi.** | **Critical Inputs** | : | sea bass seed (80-100 mm) |
| **xii.** | **Unit Size** | : | 0.4ha |

| | | | |
|---|---|---|---|
| **xiii.** | **No of Replications** | **:** | 6 |
| **xiv.** | **Unit Cost** | **:** | |
| **xv.** | **Total Cost** | **:** | |
| **xvi.** | **Monitoring Indicator** | **:** | SGR (%) , SR (%), MWG(g/day),FI(%),ROI(%),Yield(q/ha), B:C |
| **xvii.** | **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)** | **:** | TO1: CIBA,2017<br>TO2: MPEDA,2019<br>TO3: KAU, 2016 |

**OFT-7**

| | | | |
|---|---|---|---|
| **i.** | **Season** | **:** | Rabi -2023-24 |
| **ii.** | **Title of the OFT** | **:** | Assessment of growth performance of Pengba (*Osteobrama belangeri*) in polyculture with IMC |
| **iii.** | **Thematic Area** | **:** | Production management |
| **iv.** | **Problem diagnosed/Opportunity** | **:** | Poor growth rate & low market price of compatible minor carps in polyculture |
| **v.** | **Production system** | **:** | Pond based |
| **vi.** | **Micro farming situation** | **:** | Irrigated low land |
| **vii.** | **Technology for Testing** | **:** | Growth performance of Pengba (*Osteobrama belangeri*) in polyculture with IMC |
| **viii.** | **Existing Practice** | **:** | IMC only |
| **ix.** | **Objective(s)** | **:** | To study the growth performance of pengba in polyculture with IMC |
| **x.** | **Treatments** | : | FP: IMC only<br>TO1: IMC with additional stocking of Pengba (10%)<br>TO2: IMC with additional stocking of Pengba (20%) |
| **xi.** | **Critical Inputs** | **:** | Advanced fingerlings (81 -100mm) of Pengba |
| **xii.** | **Unit Size** | **:** | 0.4ha |
| **xiii.** | **No of Replications** | **:** | 6 |
| **xiv.** | **Unit Cost** | **:** | |
| **xv.** | **Total Cost** | **:** | |
| **xvi.** | **Monitoring Indicator** | **:** | SGR (%) , SR (%), MWG(g/day),FI(%),ROI(%),Yield(q/ha), B:C |
| **xvii.** | **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)** | **:** | TO1: CIFA,2020<br>TO2: CIFE,2018 |

**Ag Extn**

**OFT-8**

| | | | |
|---|---|---|---|
| **i.** | **Season** | **:** | Kharif,2023 |
| **ii.** | **Title of the OFT** | **:** | **Assessment of effectiveness of various sources of information for pest management in rice** |
| **iii.** | **Thematic Area** | **:** | |
| **iv.** | **Problem** | **:** | Poor accessibility to accurate and timely information on technical |

| | | | |
|---|---|---|---|
| | **diagnosed/Opportunity** | | knowledge for pest management in rice |
| **v.** | **Production system** | **:** | |
| **vi.** | **Micro farming situation** | **:** | Irrigated/Rainfed, medium land |
| **vii.** | **Technology for Testing** | **:** | |
| **viii.** | **Existing Practice** | **:** | Information from various sources (fellow farmer, extension functionaries, dealers etc) |
| **ix.** | **Objective(s)** | **:** | |
| **x.** | **Treatments** | **:** | TO1-Information from input dealers (Information to be collected through identified dealers)<br>TO2-Technological backstopping from Extension functionaries (Information through VAWs/farmers)<br>TO3-Technological backstopping from KVK (source - KVK)<br>TO4-Advisories through e-pest surveillance (information from VAWs) |
| **xi.** | **Critical Inputs** | **:** | |
| **xii.** | **Unit Size** | **:** | |
| **xiii.** | **No of Replications** | **:** | 50 |
| **xiv.** | **Unit Cost** | **:** | |
| **xv.** | **Total Cost** | **:** | |
| **xvi.** | **Monitoring Indicator** | **:** | Accuracy, timeliness, usability, accessibility, change in knowledge |
| **xvii.** | **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)** | **:** | |

**OFT**

| | | | |
|---|---|---|---|
| **i.** | **Season** | **:** | |
| **ii.** | **Title of the OFT** | **:** | |
| **iii.** | **Thematic Area** | **:** | |
| **iv.** | **Problem diagnosed/Opportunity** | **:** | |
| **v.** | **Production system** | **:** | |
| **vi.** | **Micro farming situation** | **:** | |
| **vii.** | **Technology for Testing** | **:** | |
| **viii.** | **Existing Practice** | **:** | |
| **ix.** | **Objective(s)** | **:** | |
| **x.** | **Treatments** | **:** | |
| **xi.** | **Critical Inputs** | **:** | |
| **xii.** | **Unit Size** | **:** | |
| **xiii.** | **No of Replications** | **:** | |
| **xiv.** | **Unit Cost** | **:** | |

| | | | |
|---|---|---|---|
| **xv.** | **Total Cost** | **:** | |
| **xvi.** | **Monitoring Indicator** | **:** | |
| **xvii.** | **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)** | **:** | |

**OFT**

| | | | |
|---|---|---|---|
| **i.** | **Season** | **:** | |
| **ii.** | **Title of the OFT** | **:** | |
| **iii.** | **Thematic Area** | **:** | |
| **iv.** | **Problem diagnosed/Opportunity** | **:** | |
| **v.** | **Production system** | **:** | |
| **vi.** | **Micro farming situation** | **:** | |
| **vii.** | **Technology for Testing** | **:** | |
| **viii.** | **Existing Practice** | **:** | |
| **ix.** | **Objective(s)** | **:** | |
| **x.** | **Treatments** | **:** | |
| **xi.** | **Critical Inputs** | **:** | |
| **xii.** | **Unit Size** | **:** | |
| **xiii.** | **No of Replications** | **:** | |
| **xiv.** | **Unit Cost** | **:** | |
| **xv.** | **Total Cost** | **:** | |
| **xvi.** | **Monitoring Indicator** | **:** | |
| **xvii.** | **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)** | **:** | |

**OFT**

| | | | |
|---|---|---|---|
| **i.** | **Season** | **:** | |
| **ii.** | **Title of the OFT** | **:** | |
| **iii.** | **Thematic Area** | **:** | |
| **iv.** | **Problem diagnosed/Opportunity** | **:** | |
| **v.** | **Production system** | **:** | |
| **vi.** | **Micro farming situation** | **:** | |
| **vii.** | **Technology for Testing** | **:** | |
| **viii.** | **Existing Practice** | **:** | |
| **ix.** | **Objective(s)** | **:** | |

| | | | |
|---|---|---|---|
| **x.** | **Treatments** | **:** | |
| **xi.** | **Critical Inputs** | **:** | |
| **xii.** | **Unit Size** | **:** | |
| **xiii.** | **No of Replications** | **:** | |
| **xiv.** | **Unit Cost** | **:** | |
| **xv.** | **Total Cost** | **:** | |
| **xvi.** | **Monitoring Indicator** | **:** | |
| **xvii.** | **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)** | **:** | |

**OFT**

| | | | |
|---|---|---|---|
| **i.** | **Season** | **:** | |
| **ii.** | **Title of the OFT** | **:** | |
| **iii.** | **Thematic Area** | **:** | |
| **iv.** | **Problem diagnosed/Opportunity** | **:** | |
| **v.** | **Production system** | **:** | |
| **vi.** | **Micro farming situation** | **:** | |
| **vii.** | **Technology for Testing** | **:** | |
| **viii.** | **Existing Practice** | **:** | |
| **ix.** | **Objective(s)** | **:** | |
| **x.** | **Treatments** | **:** | |
| **xi.** | **Critical Inputs** | **:** | |
| **xii.** | **Unit Size** | **:** | |
| **xiii.** | **No of Replications** | **:** | |
| **xiv.** | **Unit Cost** | **:** | |
| **xv.** | **Total Cost** | **:** | |
| **xvi.** | **Monitoring Indicator** | **:** | |
| **xvii.** | **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)** | **:** | |

**10. List of Projects to be implemented by funding from other sources (other than KVK fund)**

| **Sl.** | **Name of the project** | **Fund expected** |
|---|---|---|

| No. | | (Rs.) |
|---|---|---|
| 1 | NICRA | |
| 2 | CSISA | |
| | | |
| | | |

**11. No. of success stories proposed to be developed with their tentative titles**

**12. Scientific Advisory Committee**

| Date of SAC meeting held during 2022-2023 | Proposed date during 2023-2024 |
|---|---|
| 25.11.22 | 24.11.23 |

**13. Soil and water testing**

| Details | No. of Samples | No. of Farmers | | | | | | | | | No. of Villages | No. of SHC distributed |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SC | | ST | | Other | | Total | | | | |
| | | M | F | M | F | M | F | M | F | T | | |
| Soil Samples | 1000 | | | | | | | | | | | |
| Water Samples | 100 | | | | | | | | | | | |
| Other (Please specify) | | | | | | | | | | | | |
| Total | 1100 | | | | | | | | | | | |

**14. Fund requirement and expenditure (Rs.)***

| Heads | Expenditure (last year) (Rs.) up to 31.03.2022 | Expected fund requirement (Rs.) during 2023-24 |
|---|---|---|
| Pay & Allowances | | 11300000 |
| Traveling allowances | | 120000 |
| A. Recurring Contingencies | | |
| OE | | 550000 |
| Training & Training material | | 400000 |
| FLD | | 173000 |
| OFT | | 200000 |
| SCSP | | 900000 |
| **TOTAL (A)** | | **2223000** |
| B. Non-Recurring Contingencies | | |
| Equipment & Furniture | | 200000 |
| Library | | 10000 |
| TOTAL (B) | | **210000** |
| **Grand Total (A+B)** | | **14063000** |

* Any additional requirement may be suitably justified.

**15. Every KVK should bring a brief write-up supported by quality photographs about the technology having wide acceptability among the farming community of the district with factual data**