**ANNUAL ACTION PLAN: 2010-11**

**KVK, Mokokchung, Nagaland**

**PART – I**

**(GENERAL INFORMATION**)

1. General information about the KVK
2. Name and address of KVK with Phone, Fax and E-mail\*

|  |  |  |  |
| --- | --- | --- | --- |
| **Complete postal address with Pin Code** | **Telephone** | **Fax** | **E mail** |
| KVK, Mokokchung  Post Box No – 23  Mokokchung – 798601 Nagaland | 0369/2226537 | 0369/2227627 | [kvkmokokchung@gmail.com](mailto:kvkmokokchung@gmail.com).  kvkmokokchung@rediffmail.com |

Name and address of host organization with Phone, Fax and E-mail\*

|  |  |  |  |
| --- | --- | --- | --- |
| **Complete postal address with Pin Code** | **Telephone** | **Fax** | **E mail** |
| Directorate of Agriculture,  Kohima – 797111 Nagaland. | 0370/2243116 | 0370/2243970 | agrilandkvk@rediffmail.com. |

Name of the Programme Coordinator with Landline & Mobile No\*

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of PC** | **Contacts** | | |
| **Residence** | **Mobile** | **E mail** |
| S. Sosang Jamir | 0369/2228567 | 9436006351 | sosangjamir@yahoo.in |

Year of sanction of KVK: 2003

Scientific Staff Position\* (As on 30th March, 2010)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Sanctioned posts** | **Name of the incumbent** | **Designation** | **Discipline** | **Date of joining** | **Permanent/Temporary** |
| 1 | Programme Coordinator | S. Sosang Jamir | Programme Coordinator | Agronomy | 18.06.03 | Temporary |
| 2 | Subject Matter Specialist | Renbomo Ngullie | Subject Matter Specialist | Horticulture | 24.05.06 | Temporary |
| 3 | Subject Matter Specialist | Dr. Rongsensusang | Subject Matter Specialist | Vety & AH | 24.05.06 | Temporary |
| 4 | Subject Matter Specialist | Samuel Sangtam | Subject Matter Specialist | Agronomy | 24.05.06 | Temporary |
| 5 | Subject Matter Specialist | Akangtemjen | Subject Matter Specialist | Entomology | 24.05.06 | Temporary |
| 6 | Subject Matter Specialist | Bendangjungla | Subject Matter Specialist | PB&G | 24.05.06 | Temporary |
| 7 | Subject Matter Specialist | Royuso Nakhro | Subject Matter Specialist | Extension | 13.11.07 | Temporary |
| 8 | Programme Assistant | Moainla | Programme Asstt. |  | 24.05.06 | Temporary |
| 9 | Computer Programmer | I.Tangitla | Programme Asstt (Computer) |  | 24.05.06 | Temporary |
| 10 | Farm Manager | Jweni Semp | Programme Asstt (Farm) |  | 07.11.07 | Temporary |

Total land with KVK (in ha):

|  |  |  |
| --- | --- | --- |
| **No.** | **Item** | **Area (ha)** |
| 1 | Under Buildings | 0.2 |
| 2. | Under Demonstration Units | 50 sqm |
| 3. | Under Crops | 2.5 (instructional Farm) |
| 4. | Orchard/Agro-forestry | 1 |
| 5. | Others (Fallow Land ) | 19.3 |

**SAC meetings proposed for the year:**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Proposed Date/Month** | **Expected Participants** | **Salient Action Points** |
| 1 | 10/03/2010 | All SAC Members | Review of on going activities and formulation of next action plan |

**Details of district (2009-10)**

Major farming systems existing in the district*\** (based on the study made by the KVK)

|  |  |
| --- | --- |
| **No** | **Farming systems identified** |
| 1 | Agriculture +Horticulture |
| 2 | Agriculture + Veterinary |
| 3 | Agriculture + Fishery |
| 4 | Agriculture + Horticulture + Veterinary + Fishery |

Description of Agro-climatic Zone (based on soil and topography)

|  |  |  |
| --- | --- | --- |
| **No** | **Agro-climatic Zone** | **Characteristics** |
| 1 | Mid Tropical hill Zone | Hot and humid in the foot hills to moderate in the mid and high with heavy rainfall during summer  Moderate to extreme cold and dry during winter |

**Description of major agro ecological situations (based on Altitude )**

|  |  |  |
| --- | --- | --- |
| No | Agro ecological situation | Characteristics |
| 1 | AES – 1 (Below 500 msl) | Hot & Humid with sub tropical climate |
| 2 | AES – II (500-1000 msl) | Moderate, sub-montane hill zone |
| 3 | AES – III (1000-1500 MSL) | Moderate to extreme cold and dry during winter |
| 4 | AES – IV (Above 1500 msl) | Moderate to extreme cold and dry during winter |

**Details of Operational area / Villages (Oct 2010 – March 2011)**

| **No** | **Taluk** | **Name of the block** | **Name of the village** | **Major crops & enterprises** | **Major problem identified** | **Identified Thrust Areas** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 |  | Ongpangkong (N) | Ungma,  Chuchuyimpang | Paddy, Maize, Tapioca  Ginger, Passion fruit Tea, Piggery, Poultry, weaving | Low productivity due to non adoption of improved technology, Majority of the farmers involved in cultivation mix cropping only in one season (Kharif), practice of mono cropping, lack of awareness on potentialities of floriculture, lack of irrigation facilities, unavailability of HYV seeds, post harvest management problem, lack of proper infrastructure and marketing network | Create awareness on fallow management and jhum intensification, Cultivation of both kharif and rabi vegetables, production of passion fruit, ginger, tapioca, tea on commercial scale, popularization of floriculture, handloom and handicraft, promotion of infrastructures and marketing network |
| 2 |  | Opangkong (s) | Aliba  Longkum | Paddy, Maize, Tapioca  Cucumber, Passion fruit, Ginger, Orange | Low productivity due to non adoption of improved technology, Indiscriminate use of inorganic products in cucumber cultivation, lack of awareness on INM, lack of upgrade dairy breeds, inadequate availability of fodder , insect pest problem, lack of extension activities | Create awareness on fallow management and jhum intensification, Organic Off season cucumber cultivation, development of dairy and fodder crops, production of orange. |
| 3 |  | Kobulong | Mopungchuket | Paddy, Tapioca, Maize  Passion fruit, ginger, Banana, Piggery, Poultry, Dairy, Sericulture | Low productivity due to non adoption of improved technology, lack of irrigation facilities, unavailability of HYV seeds, post harvest management problem, pest /disease problem in crops and silkworm, lack of processing unit and marketing, lack of spinning & weaving centers , lack of awareness on citronella cultivation, Inbreeding, disease and nutrition in piggery | Create awareness on fallow management and jhum intensification, To increase productivity of passion fruit, ginger and vegetables, promotion on spinning and weaving centre of sericulture, popularization of citronella cultivation, awareness on breeding programme, prevention and control of disease, scientific feeding management |
| 4 |  | Changtongya | Chuchuyimlang  Mongsenyimti, | Paddy, Tapioca, Maize, Collocasia, banana, Orange, Pineapple Arecanut, Tea, piggery, Poultry, Fishery | Low productivity due to non adoption of improved technology, lack of awareness on value addition products, insect pest and disease problem, poor transportation and marketing facilities, lack of upgraded breeds and health centre | Create awareness on fallow management and jhum intensification, To increase production of banana, tapioca, orange, pineapple, development of tea, arecanut, betel vine, improvement of piggery, fishery and sericulture, |
| 5 |  | Mangkolemba | Longnak | Paddy, Maize, Tapioca, Orange, Pineapple, Arecanut, Tea, betel vine, Passion fruit fishery, cattle, piggery | Unavailability of HYV ( lowland paddy), Lack of knowledge on improved method of cultivation , lack of processing unit, insect pest and disease problem, lack of awareness on INM, poor skill in fishery pond management, financial constraint to take up in commercial scale, inadequate availability of ploughing bullock, swine diseases | Promotion of HYV (paddy), production of oilseed and pulses, production of orange, pineapple, arecanut, tea and fish. Breeding programme for cattle and training of draught animals, prevention & control of swine diseases |
| 6 |  | Longchem | Yachang (C) | Paddy, Tapioca, Maize, colocassia, cucurbits pineapple oranget, Arecanut, betel vine, cattle, piggery | Unavailability of HYV ( lowland paddy), Lack of knowledge and awareness on improved method of cultivation on plantation crops, lack of processing unit, lack of awareness on INM, financial constraint for commercial cultivation, inadequate availability of ploughing bullock, swine diseases | Promotion of HYV (paddy), Commercial cultivation of arecanut, tea, rubber, betel vine, colocassia, orange, production of oilseeds and pulses, Breeding programme for cattle and training of draught animals, prevention & control of swine diseases |

**Priority thrust areas (prioritized in sync with thrust areas identified and given above)**

|  |  |
| --- | --- |
| **Rank** | **Thrust area** |
| 1 | Increase in paddy production by introducing high yielding and short duration varieties. Promotion of SRI technology |
| 2 | Increase production of banana, passion fruit, orange, pineapple, arecanut, betel vine and tea. Promotion of temperate .Commercial cultivation of chili, tomato and potato |
| 3 | Introduction and popularization of QPM and baby corn cultivation. Increase production of oilseeds and pulses. |
| 4 | Popularize Dairy, poultry and piggery farming through scientific breeding programme and hygienic slaughter. Promotion of goatery farming, cultivation of seed & fodder |
| 5 | Popularization of apiculture and fishery for commercial production. |
| 6 | Commercial production of off-season cucumber and floriculture |
| 7 | Development of marketing networks and infrastructure |

**PART – II (OFT AND FLD**)

1. **Technical activities proposed**

Abstract of interventions to be undertaken during 2010-11 (Target)

| **No** | **Thrust area** | **Crop/**  **Enterprise** | **Identified Problem** | **Interventions (if any)** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Title of OFT** | **Title of FLD** | **Title of Training** | **Title of training for extension personnel** | **Extension activities** | **Supply of seeds, planting materials** |
| 1 | To reduced disease infestation | Tomato | Infestation by fruit rot | Effect of different plant extracts (garlic, clove, turmeric, Neem leaf, ginger, Datura leaf, bitter gourd) on the control of fruit rot. |  | Eco friendly management of fruit rot | Eco friendly management of fruit rot | Leaflet, field day | Seed, Plant extracts |
| 2 | Introduction of suitable high yielding variety | Toria (TS-36) | Yield gap due to lack of suitable varieties and poor adoption of appropriate practices | Performance of toria (TS-36) after paddy |  | Promotion of oilseed production | Promotion of oilseed production | Field day, group discussion | Seed |
| 3 | Improvement of backyard poultry | Poultry | Poor production potentially of indigenous birds | Performance of dual purpose kuaroiler birds |  |  |  |  | Kuaroiler chick |
| 4 | Introduction of suitable high yielding variety | Passion fruit | Low production in local cultivar | Adaptability trial of new variety |  |  |  | Training | seedling |
| 4 | Increase production | Toria | Low yield due to poor plant stand under late sown condition |  | Performance of late sown toria (TS 38) after paddy | Promotion of high yielding toria variety | Promotion of oilseed production | Field day | Seed |
| 5 | To control piglet diseases | Piggery | Piglet anaemia |  | Iron supplementation |  |  | Animal camp | Medicines |
| 6 | To build linkage between farmers and extension workers | Tomato grower | Poor linkages with extension workers | Promotion of linkage for better development |  |  |  |  |  |
| 7 | To increase production of pulses. | Pea | Low production |  | Improved variety of pea | Improve cultivation practices of pea |  | Field day, field visit | Seed |
| 8 | Vegetable production | Tomato | Use of low yielding varieties |  | Megha – 1 for higher production | Increase production of tomato through use of HYV |  | Field days, leaflets, demonstration | Seed |

**Details of On Farm Trials be undertaken during 2010-11 (Target)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crop/ enterprise** | **Farming situation** | **Problem Diagnosed** | **Title of OFT** | **Assessment/**  **Refinement**  **(WRITE A / R)** | **No. of trials\*** |
| 1 | 2 | 3 | 4 | 5 | 6 |
| Passion fruit | Rainfed | Low production in local cultivars | Adaptability trial of new variety | A | 4 |
| Tomato | Rainfed | fruit rot infestation | Effect of different plant extracts (garlic, clove, turmeric, Neem leaf, ginger, Datura leaf, bitter gourd) on the control of fruit rot. | A | 4 |
| Tomato grower | Rainfed | Poor linkages with extension workers | Promotion of linkage for better development | R | 30 |
| Toria | Rainfed | Yield gap due to lack of suitable varieties and poor adoption of appropriate practices | Performance of toria (TS-36) after paddy | R | 4 |
| Poultry | Backyard | Poor production potentially of indigenous birds | Performance of dual purpose kuaroiler birds | A | 10 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Technology assessed/refined** | **Year of release of technology** | **Whether the technology is latest one available? (Y/N)\*** | **If NO, then reason for using the old technology for OFT (in detail)** | **Parameters of assessment** |
| 6 |  |  |  | 7 |
| Yellow type | 2008 | Yes | NA | % Disease infestation and yield |
| Pusa Ruby | 2008 | Yes | NA | % damage. |
| HYV | 2005 | Yes | NA | Group discussion, farmers – extension functionaries interaction |
| TS-36 | 2007 | Yes | NA | Duration, height and yield |
| FFG | 2005 | Yes |  | Growth rate, egg laying capacity |

**Frontline Demonstrations**

**Follow-up for results of FLDs implemented during previous years**

List of technologies demonstrated during previous year and popularized during 2008-09 and recommended for large scale adoption in the district

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Thematic Area\*** | **Technology demonstrated** | **Details of popularization methods suggested to the Extension system** | **Horizontal spread of technology** | | |
| **No. of villages** | **No. of farmers** | **Area in ha** |
| 1 | Pulses production | French bean (Mutre local) | Awareness programme, farmers field visit, field day | 4 | 8 | 4 |
| Soybean (JS-335) | Awareness programme, farmers field visit, field day, advisory services | 4 | 8 | 4 |
| 2 | Oilseed production | Toria (TS-38) | Awareness programme, farmers field visit, field day, advisory services | 3 | 6 | 3 |
| 3 | Rice production | IR -64 | Awareness programme, training, farmers field visit, field day, advisory services | 3 | 4 | 2 |

**Details of FLDs to be implemented during 2010-11 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)**

**A. Cereal Crops**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Crop** | **Thematic area** | **Technology Demonstrated** | **Season and year** | **Whether the technology assessed/refined by KVK earlier (Y/N)?** | **If not, how the technology was proven as suitable for FLD in the district?** | **Area (ha)** | **No. of farmers/demonstration** | | |
| **Proposed** | **SC/ST** | **Others** | **Total** |
|  |  |  |  |  |  |  |  |  |  |  |

**B. Oilseed crops**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Crop** | **Thematic area** | **Technology Demonstrated** | **Season and year** | **Whether the technology assessed/refined by KVK earlier (Y/N)?** | **If not, how the technology was proven as suitable for FLD in the district?** | **Area (ha)** | **No. of farmers/demonstration** | | |
| **Proposed** | **SC/ST** | **Others** | **Total** |
| 1 | Toria | Oilseed production | TS -38 | Rabi 2010 | Yes | NA | 2 | 4 |  | 4 |

**C. Pulse Crops**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Crop** | **Thematic area** | **Technology Demonstrated** | **Season and year** | **Whether the technology assessed/refined by KVK earlier (Y/N)?** | **If not, how the technology was proven as suitable for FLD in the district?** | **Area (ha)** | **No. of farmers/demonstration** | | |
| **Proposed** | **SC/ST** | **Others** | **Total** |
| 1 | Pea | Pulse production | Azad | Rabi 2010 | Y |  | 2 | 4 |  | 4 |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

**D. Horticultural Crops**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Crop** | **Thematic area** | **Technology Demonstrated** | **Season and year** | **Whether the technology assessed/refined by KVK earlier (Y/N)?** | **If not, how the technology was proven as suitable for FLD in the district?** | **Area (ha)** | **No. of farmers/demonstration** | | |
| **Proposed** | **SC/ST** | **Others** | **Total** |
| 1 | Broccoli | Vegetable production | Pushpa | Rabi 2010 | Yes |  | 2 | 8 |  | 8 |
| 2 | Tomato | Vegetable production | Megha-1 | Rabi 2010 | Yes |  | 2 | 8 |  | 8 |

**Extension and Training activities proposed under FLD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Activity** | **No. of activities** | **Tentative Date** | **Number of participants** | **Remarks** |
| 1 | Awareness programme | 4 | Rabi 2010, | 125 |  |
| 2 | Training for farmers | 3 | Rabi 2010, | 75 |  |
| 3 | Training for extension functionaries | 2 | Rabi 2010, | 30 |  |
| 4 | Field day | 3 | Spring 2011 | 92 |  |
| 5 | Farmers field visit | 12 | Rabi 2010, | - | - |

**(i) Farm Implements: NA**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Crop** | **Thematic area** | **Name of the implement** | **Season and year** | **Whether the technology assessed/refined by KVK earlier (Y/N)?** | **If not, how the technology was proven as suitable for the district?** | **Area (ha)** | **No. of farmers/demonstration** | | |
| **Proposed** | **SC/ST** | **Others** | **Total** |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

**(ii) Livestock Enterprises:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Enterprises** | **Breed** | **No. of farmers** | **No. of animals, poultry birds etc.** | **Performance parameters /**  **indicators** | **\* Data on parameter in relation to technology demonstrated** | | **% change in the parameter** | **Remarks** |
| Demon. | Local check |
| Piggery | Local upgraded | 40 | 40 | Body weight on weaning |  |  |  |  |

**(iii) Other Enterprises:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Enterprise** | **Variety/ breed/Species/others** | **No. of farmers** | **No. of Units** | **Performance parameters /**  **indicators** | **Data on parameter in relation to technology demonstrated** | | **% change in the parameter** | **Remarks** |
| **Demon.** | **Local check** |
| Vermicompost | *Eisenia foetida, Eudrilus eugenae* | 15 | 5 | 1. Materials used  2. Duration  3. Production/unit  4. Nutrient content |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

**PART – III**

**(TRAINING PROGRAMMES)**

**3. Details of proposed training programmes (Including the sponsored and FLD training programmes**

**Note: The proportion of SC and ST participants for all training programmes should match with their proportion in the population of the KVK district.**

**On Campus**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic area** | **Courses (No)** | **No. of participants** | | | | | | | | | |
| **Others** | | | **SC** | | | **ST** | | | **Grand Total** |
| **Male** | **Female** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** |
| **(A) Farmers & Farm Women** |  |  |  |  |  |  |  |  |  |  |  |
| I Crop Production |  |  |  |  |  |  |  |  |  |  |  |
| Weed Management |  |  |  |  |  |  |  |  |  |  |  |
| Nutrient Management |  |  |  |  |  |  |  |  |  |  |  |
| Resource Conservation Technologies |  |  |  |  |  |  |  |  |  |  |  |
| Cropping Systems | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Crop Diversification |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming systems |  |  |  |  |  |  |  |  |  |  |  |
| Water management |  |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Crop Management | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Fodder production |  |  |  |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |  |
| II Horticulture |  |  |  |  |  |  |  |  |  |  |  |
| a) Vegetable Crops |  |  |  |  |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  |  |  |  |  |  |
| Off-season vegetables |  |  |  |  |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  |  |  |  |  |  |
| Exotic vegetables production | 1 |  |  |  |  |  |  | 10 | 15 | 25 | 25 |
| Production of export potential vegetables |  |  |  |  |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  |  |  |  |  |  |
| Protective cultivation (Green Houses, Shade Net etc.) |  |  |  |  |  |  |  |  |  |  |  |
| b) Fruits |  |  |  |  |  |  |  |  |  |  |  |
| Training |  |  |  |  |  |  |  |  |  |  |  |
| Pruning |  |  |  |  |  |  |  |  |  |  |  |
| Layout and Management of Orchards | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Cultivation of Fruit crops |  |  |  |  |  |  |  |  |  |  |  |
| Management of young plants/orchards |  |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |  |
| Cultivation of export potential fruits |  |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards - |  |  |  |  |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  |  |  |  |  |  |
| c) Ornamental Plants |  |  |  |  |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  |  |  |  |  |  |
| Production of export potential ornamental plants |  |  |  |  |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  |  |  |  |  |  |
| d) Plantation crops |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |
| e) Tuber crops |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |
| f) Spices |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |
| g) Medicinal and Aromatic Plants |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  |  |  |  |  |  |
| III Soil Health and Fertility Management |  |  |  |  |  |  |  |  |  |  |  |
| Soil fertility management |  |  |  |  |  |  |  |  |  |  |  |
| Soil and Water Conservation |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient Management | 1 |  |  |  |  |  |  | 11 | 14 | 25 | 25 |
| Production and use of organic inputs |  |  |  |  |  |  |  |  |  |  |  |
| Management of Problematic soils |  |  |  |  |  |  |  |  |  |  |  |
| Micro nutrient deficiency in crops |  |  |  |  |  |  |  |  |  |  |  |
| Nutrient Use Efficiency |  |  |  |  |  |  |  |  |  |  |  |
| Soil and Water Testing |  |  |  |  |  |  |  |  |  |  |  |
| IV Livestock Production and Management |  |  |  |  |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  |  |  |  |  |  |
| Poultry Management |  |  |  |  |  |  |  |  |  |  |  |
| Piggery Management | 1 |  |  |  |  |  |  | 11 | 14 | 25 | 25 |
| Rabbit Management |  |  |  |  |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  |  |  |  |  |  |
| Feed management |  |  |  |  |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |  |
| V Home Science/Women empowerment |  |  |  |  |  |  |  |  |  |  |  |
| Household food security by 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 |  |  |  |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  |  |  |  |  |  |  |
| Income generation activities for empowerment of rural Women |  |  |  |  |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |
| Women and child care |  |  |  |  |  |  |  |  |  |  |  |
| VI Agricultural 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 Technologies |  |  |  |  |  |  |  |  |  |  |  |
| VII Plant Protection |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management | 1 |  |  |  |  |  |  | 11 | 14 | 25 | 25 |
| Disease Management |  |  |  |  |  |  |  |  |  |  |  |
| Bio-control of pests and diseases |  |  |  |  |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  |  |  |  |  |  |
| VIII Fisheries |  |  |  |  |  |  |  |  |  |  |  |
| Integrated fish farming |  |  |  |  |  |  |  |  |  |  |  |
| Carp breeding and hatchery management |  |  |  |  |  |  |  |  |  |  |  |
| Carp fry and fingerling rearing |  |  |  |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  |  |  |  |  |  |  |
| Hatchery management and culture of freshwater prawn |  |  |  |  |  |  |  |  |  |  |  |
| Breeding and culture of ornamental fishes |  |  |  |  |  |  |  |  |  |  |  |
| Portable plastic carp hatchery |  |  |  |  |  |  |  |  |  |  |  |
| Pen culture of fish and prawn |  |  |  |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  |  |  |  |  |  |  |
| Edible oyster farming |  |  |  |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  |  |  |  |  |  |  |
| Fish processing and value addition |  |  |  |  |  |  |  |  |  |  |  |
| IX Production of Inputs at site |  |  |  |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  |
| Bio-agents production |  |  |  |  |  |  |  |  |  |  |  |
| Bio-pesticides production |  |  |  |  |  |  |  |  |  |  |  |
| Bio-fertilizer production |  |  |  |  |  |  |  |  |  |  |  |
| Vermicompost production | 1 |  |  |  |  |  |  | 11 | 14 | 25 | 25 |
| Other 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 |  |  |  |  |  |  |  |  |  |  |  |
| X Capacity Building and Group Dynamics |  |  |  |  |  |  |  |  |  |  |  |
| Leadership development in villages |  |  |  |  |  |  |  |  |  |  |  |
| Managing Group dynamics |  |  |  |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |  |
| Mobilization of social capital in villages |  |  |  |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |  |
| XI Agro-forestry |  |  |  |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  |  |  |  |  |  |  |
| XII Others (Pl. Specify) |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** | **8** |  |  |  |  |  |  | **90** | **110** | **200** | **200** |
| **(B) RURAL YOUTH** |  |  |  |  |  |  |  |  |  |  |  |
| Mushroom Production | 1 |  |  |  |  |  |  | 15 | 10 | 25 | 25 |
| Bee-keeping |  |  |  |  |  |  |  |  |  |  |  |
| Integrated farming |  |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming |  |  |  |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  |
| Vermiculture | 1 |  |  |  |  |  |  | 11 | 14 | 25 | 25 |
| 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 | 1 |  |  |  |  |  |  | 13 | 12 | 25 | 25 |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |  |
| Dairying |  |  |  |  |  |  |  |  |  |  |  |
| Sheep and goat rearing | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Quail farming |  |  |  |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  |  |  |  |  |  |  |
| Rabbit farming |  |  |  |  |  |  |  |  |  |  |  |
| Poultry production |  |  |  |  |  |  |  |  |  |  |  |
| Ornamental fisheries |  |  |  |  |  |  |  |  |  |  |  |
| Training as Para vets |  |  |  |  |  |  |  |  |  |  |  |
| Training as Para extension workers |  |  |  |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  |  |  |  |  |  |  |
| Freshwater prawn culture |  |  |  |  |  |  |  |  |  |  |  |
| Fish harvest and processing technology |  |  |  |  |  |  |  |  |  |  |  |
| Fry and fingerling rearing |  |  |  |  |  |  |  |  |  |  |  |
| Small scale processing |  |  |  |  |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  |  |  |  |  |  |
| Tailoring and Stitching |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** | **4** |  |  |  |  |  |  | **51** | **49** | **100** | **100** |
| **(C) Extension Personnel** |  |  |  |  |  |  |  |  |  |  |  |
| Productivity enhancement in field crops |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management | 1 |  |  |  |  |  |  | 8 | 8 | 16 | 16 |
| Integrated Nutrient management |  |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |  |
| Protected cultivation technology | 1 |  |  |  |  |  |  | 9 | 6 | 15 | 15 |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |  |
| Group Dynamics and farmers organizations |  |  |  |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  |  |  |  |  |  |  |
| Capacity building for ICT application | 1 |  |  |  |  |  |  | 10 | 7 | 17 | 17 |
| 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 |  |  |  |  |  |  |  |  |  |  |  |
| Any other (Pl. Specify) |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** | **3** |  |  |  |  |  |  | **27** | **21** | **48** | **48** |

**Off Campus**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic area** | **Courses (No)** | **No. of participants** | | | | | | | | | |
| **Others** | | | **SC** | | | **ST** | | | **Grand Total** |
| **Male** | **Female** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** |
| **(A) Farmers & Farm Women** |  |  |  |  |  |  |  |  |  |  |  |
| I Crop Production |  |  |  |  |  |  |  |  |  |  |  |
| Weed Management | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Nutrient Management |  |  |  |  |  |  |  |  |  |  |  |
| Resource Conservation Technologies |  |  |  |  |  |  |  |  |  |  |  |
| Cropping Systems |  |  |  |  |  |  |  |  |  |  |  |
| Crop Diversification |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming systems | 1 |  |  |  |  |  |  | 13 | 12 | 25 | 25 |
| Water management |  |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Crop Management |  |  |  |  |  |  |  |  |  |  |  |
| Fodder production |  |  |  |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |  |
| II Horticulture |  |  |  |  |  |  |  |  |  |  |  |
| a) Vegetable Crops |  |  |  |  |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  |  |  |  |  |  |
| Off-season vegetables |  |  |  |  |  |  |  |  |  |  |  |
| Nursery raising | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Exotic vegetables production |  |  |  |  |  |  |  |  |  |  |  |
| Production of export potential vegetables |  |  |  |  |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  |  |  |  |  |  |
| Protective cultivation (Green Houses, Shade Net etc.) |  |  |  |  |  |  |  |  |  |  |  |
| b) Fruits |  |  |  |  |  |  |  |  |  |  |  |
| Training |  |  |  |  |  |  |  |  |  |  |  |
| Pruning |  |  |  |  |  |  |  |  |  |  |  |
| Layout and Management of Orchards |  |  |  |  |  |  |  |  |  |  |  |
| Cultivation of Fruit crops |  |  |  |  |  |  |  |  |  |  |  |
| Management of young plants/orchards | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |  |
| Cultivation of export potential fruits |  |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  |  |  |  |  |  |
| c) Ornamental Plants |  |  |  |  |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  |  |  |  |  |  |
| Production of export potential ornamental plants |  |  |  |  |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  |  |  |  |  |  |
| d) Plantation crops |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |
| e) Tuber crops |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |
| f) Spices |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |
| g) Medicinal and Aromatic Plants |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  |  |  |  |  |  |
| III Soil Health and Fertility Management |  |  |  |  |  |  |  |  |  |  |  |
| Soil fertility management | 1 |  |  |  |  |  |  | 13 | 12 | 25 | 25 |
| 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 |  |  |  |  |  |  |  |  |  |  |  |
| IV Livestock Production and Management |  |  |  |  |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  |  |  |  |  |  |
| Poultry Management | 1 |  |  |  |  |  |  | 13 | 12 | 25 | 25 |
| Piggery Management |  |  |  |  |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  |  |  |  |  |  |
| Feed management | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |  |
| V Home Science/Women empowerment |  |  |  |  |  |  |  |  |  |  |  |
| Household food security by 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 |  |  |  |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  |  |  |  |  |  |  |
| Income generation activities for empowerment of rural Women | 1 |  |  |  |  |  |  | - | 20 | 20 | 20 |
| Location specific drudgery reduction technologies |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |
| Women and child care |  |  |  |  |  |  |  |  |  |  |  |
| VI Agricultural 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 Technologies |  |  |  |  |  |  |  |  |  |  |  |
| VII Plant Protection |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  |  |  |  |  |  |
| Bio-control of pests and diseases |  |  |  |  |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  |  |  |  |  |  |
| VIII Fisheries |  |  |  |  |  |  |  |  |  |  |  |
| Integrated fish farming |  |  |  |  |  |  |  |  |  |  |  |
| Carp breeding and hatchery management |  |  |  |  |  |  |  |  |  |  |  |
| Carp fry and fingerling rearing |  |  |  |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  |  |  |  |  |  |  |
| Hatchery management and culture of freshwater prawn |  |  |  |  |  |  |  |  |  |  |  |
| Breeding and culture of ornamental fishes |  |  |  |  |  |  |  |  |  |  |  |
| Portable plastic carp hatchery |  |  |  |  |  |  |  |  |  |  |  |
| Pen culture of fish and prawn |  |  |  |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  |  |  |  |  |  |  |
| Edible oyster farming |  |  |  |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  |  |  |  |  |  |  |
| Fish processing and value addition |  |  |  |  |  |  |  |  |  |  |  |
| IX Production of Inputs at site |  |  |  |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  |
| Bio-agents production |  |  |  |  |  |  |  |  |  |  |  |
| Bio-pesticides production |  |  |  |  |  |  |  |  |  |  |  |
| Bio-fertilizer production |  |  |  |  |  |  |  |  |  |  |  |
| Vermicompost production |  |  |  |  |  |  |  |  |  |  |  |
| Other 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 |  |  |  |  |  |  |  |  |  |  |  |
| X Capacity Building and Group Dynamics |  |  |  |  |  |  |  |  |  |  |  |
| Leadership development in villages |  |  |  |  |  |  |  |  |  |  |  |
| Managing Group dynamics |  |  |  |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs | 1 |  |  |  |  |  |  | 13 | 12 | 25 | 25 |
| Mobilization of social capital in villages |  |  |  |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |  |
| XI Agro-forestry |  |  |  |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  |  |  |  |  |  |  |
| XII Others (Pl. Specify) |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** | **9** |  |  |  |  |  |  | **100** | **120** | **220** | **220** |
| **(B) RURAL YOUTH** |  |  |  |  |  |  |  |  |  |  |  |
| Mushroom Production |  |  |  |  |  |  |  |  |  |  |  |
| Bee-keeping |  |  |  |  |  |  |  |  |  |  |  |
| Integrated farming |  |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming |  |  |  |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  |
| Vermiculture |  |  |  |  |  |  |  |  |  |  |  |
| 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 | 1 |  |  |  |  |  |  | 14 | 11 | 25 | 25 |
| Value addition |  |  |  |  |  |  |  |  |  |  |  |
| Production of quality animal products | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Dairying |  |  |  |  |  |  |  |  |  |  |  |
| Sheep and goat rearing |  |  |  |  |  |  |  |  |  |  |  |
| Quail farming |  |  |  |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  |  |  |  |  |  |  |
| Rabbit farming |  |  |  |  |  |  |  |  |  |  |  |
| Poultry production | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Ornamental fisheries |  |  |  |  |  |  |  |  |  |  |  |
| Training as Para vets |  |  |  |  |  |  |  |  |  |  |  |
| Training as Para extension workers |  |  |  |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  |  |  |  |  |  |  |
| Freshwater prawn culture |  |  |  |  |  |  |  |  |  |  |  |
| Fish harvest and processing technology |  |  |  |  |  |  |  |  |  |  |  |
| Fry and fingerling rearing |  |  |  |  |  |  |  |  |  |  |  |
| Small scale processing |  |  |  |  |  |  |  |  |  |  |  |
| Post Harvest Technology | 1 |  |  |  |  |  |  | 14 | 11 | 25 | 25 |
| Tailoring and Stitching |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** | **4** |  |  |  |  |  |  | **52** | **48** | **100** | **100** |
| **(C) Extension Personnel** |  |  |  |  |  |  |  |  |  |  |  |
| Productivity enhancement in field crops |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient management |  |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |  |
| Protected cultivation technology | 1 |  |  |  |  |  |  | 10 | 8 | 18 | 18 |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |  |
| Group Dynamics and farmers organizations |  |  |  |  |  |  |  |  |  |  |  |
| 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 | 1 |  |  |  |  |  |  | 9 | 10 | 19 | 19 |
| Household food security |  |  |  |  |  |  |  |  |  |  |  |
| Women and Child care |  |  |  |  |  |  |  |  |  |  |  |
| Low cost and nutrient efficient diet designing |  |  |  |  |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs | 1 |  |  |  |  |  |  | 5 | 8 | 13 | 13 |
| Any other (Pl. Specify) |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** | **3** |  |  |  |  |  |  | **24** | **26** | **50** | **50** |

**Consolidated table (On + Off + Sponsored + Vocational)**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic area** | **Courses (No)** | **No. of participants** | | | | | | | | | |
| **Others** | | | **SC** | | | **ST** | | | **Grand Total** |
| **Male** | **Female** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** |
| **(A) Farmers & Farm Women** |  |  |  |  |  |  |  |  |  |  |  |
| I Crop Production |  |  |  |  |  |  |  |  |  |  |  |
| Weed Management | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Nutrient Management |  |  |  |  |  |  |  |  |  |  |  |
| Resource Conservation Technologies |  |  |  |  |  |  |  |  |  |  |  |
| Cropping Systems | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Crop Diversification |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming systems | 1 |  |  |  |  |  |  | 13 | 12 | 25 | 25 |
| Water management |  |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Crop Management | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Fodder production |  |  |  |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |  |
| II Horticulture |  |  |  |  |  |  |  |  |  |  |  |
| a) Vegetable Crops |  |  |  |  |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  |  |  |  |  |  |
| Off-season vegetables |  |  |  |  |  |  |  |  |  |  |  |
| Nursery raising | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Exotic vegetables production | 1 |  |  |  |  |  |  | 10 | 15 | 25 | 25 |
| Production of export potential vegetables |  |  |  |  |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  |  |  |  |  |  |
| Protective cultivation (Green Houses, Shade Net etc.) |  |  |  |  |  |  |  |  |  |  |  |
| b) Fruits |  |  |  |  |  |  |  |  |  |  |  |
| Training |  |  |  |  |  |  |  |  |  |  |  |
| Pruning |  |  |  |  |  |  |  |  |  |  |  |
| Layout and Management of Orchards | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Cultivation of Fruit crops |  |  |  |  |  |  |  |  |  |  |  |
| Management of young plants/orchards | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |  |
| Cultivation of export potential fruits |  |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  |  |  |  |  |  |
| c) Ornamental Plants |  |  |  |  |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  |  |  |  |  |  |
| Production of export potential ornamental plants |  |  |  |  |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  |  |  |  |  |  |
| d) Plantation crops |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |
| e) Tuber crops |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |
| f) Spices |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |
| g) Medicinal and Aromatic Plants |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  |  |  |  |  |  |
| III Soil Health and Fertility Management |  |  |  |  |  |  |  |  |  |  |  |
| Soil fertility management | 1 |  |  |  |  |  |  | 13 | 12 | 25 | 25 |
| Soil and Water Conservation |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient Management | 1 |  |  |  |  |  |  | 11 | 14 | 25 | 25 |
| Production and use of organic inputs |  |  |  |  |  |  |  |  |  |  |  |
| Management of Problematic soils |  |  |  |  |  |  |  |  |  |  |  |
| Micro nutrient deficiency in crops |  |  |  |  |  |  |  |  |  |  |  |
| Nutrient Use Efficiency |  |  |  |  |  |  |  |  |  |  |  |
| Soil and Water Testing |  |  |  |  |  |  |  |  |  |  |  |
| IV Livestock Production and Management |  |  |  |  |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  |  |  |  |  |  |
| Poultry Management | 1 |  |  |  |  |  |  | 13 | 12 | 25 | 25 |
| Piggery Management | 1 |  |  |  |  |  |  | 11 | 14 | 25 | 25 |
| Rabbit Management |  |  |  |  |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  |  |  |  |  |  |
| Feed management | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |  |
| V Home Science/Women empowerment |  |  |  |  |  |  |  |  |  |  |  |
| Household food security by 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 |  |  |  |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  |  |  |  |  |  |  |
| Income generation activities for empowerment of rural Women | 1 |  |  |  |  |  |  | - | 20 | 20 | 20 |
| Location specific drudgery reduction technologies |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |
| Women and child care |  |  |  |  |  |  |  |  |  |  |  |
| VI Agricultural 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 Technologies |  |  |  |  |  |  |  |  |  |  |  |
| VII Plant Protection |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management | 1 |  |  |  |  |  |  | 11 | 14 | 25 | 25 |
| Disease Management |  |  |  |  |  |  |  |  |  |  |  |
| Bio-control of pests and diseases |  |  |  |  |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  |  |  |  |  |  |
| VIII Fisheries |  |  |  |  |  |  |  |  |  |  |  |
| Integrated fish farming |  |  |  |  |  |  |  |  |  |  |  |
| Carp breeding and hatchery management |  |  |  |  |  |  |  |  |  |  |  |
| Carp fry and fingerling rearing |  |  |  |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  |  |  |  |  |  |  |
| Hatchery management and culture of freshwater prawn |  |  |  |  |  |  |  |  |  |  |  |
| Breeding and culture of ornamental fishes |  |  |  |  |  |  |  |  |  |  |  |
| Portable plastic carp hatchery |  |  |  |  |  |  |  |  |  |  |  |
| Pen culture of fish and prawn |  |  |  |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  |  |  |  |  |  |  |
| Edible oyster farming |  |  |  |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  |  |  |  |  |  |  |
| Fish processing and value addition |  |  |  |  |  |  |  |  |  |  |  |
| IX Production of Inputs at site |  |  |  |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  |
| Bio-agents production |  |  |  |  |  |  |  |  |  |  |  |
| Bio-pesticides production |  |  |  |  |  |  |  |  |  |  |  |
| Bio-fertilizer production |  |  |  |  |  |  |  |  |  |  |  |
| Vermi compost production | 1 |  |  |  |  |  |  | 11 | 14 | 25 | 25 |
| Other 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 |  |  |  |  |  |  |  |  |  |  |  |
| X Capacity Building and Group Dynamics |  |  |  |  |  |  |  |  |  |  |  |
| Leadership development in villages |  |  |  |  |  |  |  |  |  |  |  |
| Managing Group dynamics |  |  |  |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs | 1 |  |  |  |  |  |  | 13 | 12 | 25 | 25 |
| Mobilization of social capital in villages |  |  |  |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |  |
| XI Agro-forestry |  |  |  |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  |  |  |  |  |  |  |
| XII Others (Pl. Specify) |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** | **17** |  |  |  |  |  |  | **190** | **230** | **420** | **420** |
| **(B) RURAL YOUTH** |  |  |  |  |  |  |  |  |  |  |  |
| Mushroom Production | 1 |  |  |  |  |  |  | 15 | 10 | 25 | 25 |
| Bee-keeping |  |  |  |  |  |  |  |  |  |  |  |
| Integrated farming |  |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming |  |  |  |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  |
| Vermiculture | 1 |  |  |  |  |  |  | 11 | 14 | 25 | 25 |
| 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 | 1 |  |  |  |  |  |  | 14 | 11 | 25 | 25 |
| Value addition | 1 |  |  |  |  |  |  | 13 | 12 | 25 | 25 |
| Production of quality animal products | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Dairying |  |  |  |  |  |  |  |  |  |  |  |
| Sheep and goat rearing | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Quail farming |  |  |  |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  |  |  |  |  |  |  |
| Rabbit farming |  |  |  |  |  |  |  |  |  |  |  |
| Poultry production | 1 |  |  |  |  |  |  | 12 | 13 | 25 | 25 |
| Ornamental fisheries |  |  |  |  |  |  |  |  |  |  |  |
| Training as Para vets |  |  |  |  |  |  |  |  |  |  |  |
| Training as Para extension workers |  |  |  |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  |  |  |  |  |  |  |
| Freshwater prawn culture |  |  |  |  |  |  |  |  |  |  |  |
| Fish harvest and processing technology |  |  |  |  |  |  |  |  |  |  |  |
| Fry and fingerling rearing |  |  |  |  |  |  |  |  |  |  |  |
| Small scale processing |  |  |  |  |  |  |  |  |  |  |  |
| Post Harvest Technology | 1 |  |  |  |  |  |  | 12 | 13 | 50 | 50 |
| Tailoring and Stitching |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** | **8** |  |  |  |  |  |  | **111** | **89** | **200** | **200** |
| **(C) Extension Personnel** |  |  |  |  |  |  |  |  |  |  |  |
| Productivity enhancement in field crops |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management | 1 |  |  |  |  |  |  | 8 | 8 | 16 | 16 |
| Integrated Nutrient management |  |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |  |
| Protected cultivation technology | 2 |  |  |  |  |  |  | 19 | 14 | 33 | 33 |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |  |
| Group Dynamics and farmers organizations |  |  |  |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  |  |  |  |  |  |  |
| Capacity building for ICT application | 1 |  |  |  |  |  |  | 10 | 7 | 17 | 17 |
| Care and maintenance of farm machinery and implements |  |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |  |
| Management in farm animals |  |  |  |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production | 1 |  |  |  |  |  |  | 9 | 10 | 19 | 19 |
| Household food security |  |  |  |  |  |  |  |  |  |  |  |
| Women and Child care |  |  |  |  |  |  |  |  |  |  |  |
| Low cost and nutrient efficient diet designing |  |  |  |  |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs | 1 |  |  |  |  |  |  | 5 | 8 | 13 | 13 |
| Any other (Pl. Specify) |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** | **6** |  |  |  |  |  |  | **51** | **47** | **98** | **98** |

## Vocational training programmes for Rural Youth :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Crop / Enterprise** | **Identified Thrust Area** | **Training title\*** | **Duration (days)** | **No. of Participants** | | |
| **Male** | **Female** | **Total** |
| Mushroom | To promote mushroom production | Cultivation of oyster mushroom | 2 | 10 | 15 | 25 |
| Banana | Banana production and fiber extraction | High density banana planting and fiber extraction | 3 | 8 | 12 | 20 |

**Sponsored Training Programmes**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Title** | **Thematic area** | **Month** | **Duration (days)** | **Client** | **No. of courses** | **No. of Participants** | | | | | | | | | | **Sponsoring Agency** |
| **PF/RY/EF** | **Male** | | | **Female** | | | **Total** | | | |
| **Others** | **SC** | **ST** | **Others** | **SC** | **ST** | **Others** | **SC** | **ST** | **Total** |
| 1 | IPM on vegetables | Vegetables production | Oct | 2 | PF | 2 |  |  | 20 |  |  | 30 |  |  |  | 50 | ATMA |
| 2 | Processing of fruits | Post harvest management | Nov | 3 | RY | 1 |  |  | 11 |  |  | 16 |  |  |  | 27 | Horti. Deptt. |
| 3 | Layout, planting & management of orange orchard | Orchard management | Feb. | 2 | PF | 1 |  |  | 14 |  |  | 11 |  |  |  | 25 | Horti. Deptt. |
| 4 | Composite fish farming | Fish production | March | 2 | PF | 1 |  |  | 11 |  |  | 8 |  |  |  | 19 | Fishery Deptt. |
| 5 | Management of Eri worm | Eri worm production | Jan | 1 | PF | 1 |  |  | 12 |  |  | 17 |  |  |  | 29 | Seri. Deptt. |
| Total | | |  | 10 |  | 7 |  |  | 72 |  |  | 95 |  |  |  | 167 |  |

**PART – IV**

**(EXTENSION ACTIVITES AND PRODUCTION OF SEED AND PLANTING MATERIALS)**

**4. Proposed Extension Activities for the year 2010-11 (including activities under FLD programmes)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Nature of Extension Activity** | | | **No. of activities** | **Farmers** | | | **Extension Officials** | | | **Rural Youth** | | | **Total** | | |
| **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| Field Day | | | 4 | 64 | 79 | 143 |  |  |  | 48 | 38 | 86 | 112 | 117 | 229 |
| Kisan Mela | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kisan Gosthi | | | 2 | 31 | 33 |  |  |  |  |  |  |  |  |  |  |
| Exhibition | | | 1 |  |  |  |  |  |  |  |  |  |  |  |  |
| Film Show | | | 5 |  |  |  |  |  |  |  |  |  |  |  |  |
| Method Demonstrations | | | 2 | 21 | 26 | 47 | 11 | 8 | 19 |  |  |  | 32 | 34 | 66 |
| Farmers Seminar | | | 2 | 35 | 40 | 75 |  |  |  |  |  |  | 35 | 40 | 75 |
| Workshop | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Group meetings | | | 6 | 65 | 59 | 124 |  |  |  | 19 | 16 | 35 | 84 | 75 | 159 |
| Lectures delivered as resource persons | | | 7 |  |  |  |  |  |  |  |  |  |  |  |  |
| Newspaper coverage | | | 4 |  |  |  |  |  |  |  |  |  |  |  |  |
| Radio talks | | | 4 |  |  |  |  |  |  |  |  |  |  |  |  |
| TV talks | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Popular articles | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Extension Literature | | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |
| Advisory Services | | | 6 | 18 | 25 | 43 |  |  |  |  |  |  | 18 | 25 | 43 |
| Scientific visit to farmers field | | | 12 | 32 | 28 | 60 |  |  |  |  |  |  | 32 | 28 | 60 |
| Farmers visit to KVK | | | 13 | 71 | 85 | 156 |  |  |  |  |  |  | 71 | 85 | 156 |
| Diagnostic visits | | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |
| Exposure visits | | | 2 | 18 | 12 | 30 |  |  |  | 12 | 13 | 25 | 30 | 25 | 55 |
| Ex-trainees Sammelan | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soil health Camp | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Animal Health Camp | | | 2 | 57 | 63 | 120 |  |  |  |  |  |  | 57 | 63 | 120 |
| Agri mobile clinic | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soil test campaigns | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Farm Science Club Conveners meet | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Self Help Group Conveners meetings | | | 2 | 15 | 21 | 36 |  |  |  | 15 | 14 | 29 | 30 | 35 | 65 |
| Mahila Mandals Conveners meetings | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Celebration of important days (specify) | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Any Other (Specify) | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** | | | **80** | **426** | **471** | **897** | **11** | **8** | **19** | **94** | **81** | **175** | **532** | **560** | **1092** |
| M=Male | F=Female | T=Total |

**Proposed production and supply of Technological products**

**Seed materials:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop** | **Variety** | **Proposed Quantity (qtl.)** | **Value (Rs.)** | **To be provided to (No. of Farmers** |
|
| Cereals |  |  |  |  |  |
|  | Upland rice | SARS -1 | 5 | 4000 | 15 |
|  | WTRC | SARS-6 | 10 | 8000 | 30 |
| Oilseeds |  |  |  |  |  |
|  |  |  |  |  |  |
| Pulses |  |  |  |  |  |
|  | Soybean | JS-335 | 4 | 16000 | 30 |
|  | French bean | Mutre local | 4 | 14000 | 50 |
| Vegetables |  |  |  |  |  |
|  | Tomato | Megha -1 | 0.02 | 1600 | 40 |
| Flower Crops |  |  |  |  |  |
|  |  |  |  |  |  |
| Others (Specify) |  |  |  |  |  |
| Spices | Turmeric | Megha -1 | 15 | 22500 | 55 |

**Planting materials :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Crop** | **Variety** | **Quantity (Nos.)** | **Value (Rs.)** | **To be provided to (No. of Farmers)** |
| Fruits |  |  |  |  |  |
|  | Passion fruit | Kavery, yellow type | 3000 | 15000 | 25 |
|  | Banana | Malbhog | 1000 | 12000 | 20 |
| Spices |  |  |  |  |  |
| Vegetables |  |  |  |  |  |
|  |  |  |  |  |  |
| Forest Species |  |  |  |  |  |
|  | Alder | Local | 2500 | 12500 | 120 |
| Ornamental Crops |  |  |  |  |  |
|  |  |  |  |  |  |
| Plantation Crops |  |  |  |  |  |
|  |  |  |  |  |  |
| Others (specify) |  |  |  |  |  |
|  |  |  |  |  |  |

**Bioproducts : NA**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Product Name** | **Species** | **Quantity** | | **Value (Rs.)** | **To be provided to (No. of Farmers)** |
| **No** | **(kg)** |
| Bioagents |  |  |  |  |  |  |
| 1 |  |  |  |  |  |  |
| Biofertilizers |  |  |  |  |  |  |
| 1 |  |  |  |  |  |  |
| Bio Pesticides |  |  |  |  |  |  |
| 1 |  |  |  |  |  |  |

**Livestock :NA**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Type** | **Breed** | **Quantity** | | **Value (Rs.)** | **To be provided to (No. of Farmers)** |
| **Nos** | **Kgs** |
| Cattle |  |  |  |  |  |  |
| Sheep and Goat |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Poultry |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Fisheries |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Others (Specify) |  |  |  |  |  |  |

Literature proposed to be developed/ published

|  |  |  |
| --- | --- | --- |
| **Item** | **Title** | **Number** |
| Research papers | Date of sowing in black gram | 1 |
| Technical reports |  |  |
| News letters | KVK, Mokokchung News letter | 1 |
| Technical bulletins |  |  |
| Popular articles |  |  |
| Extension literature | 1. Package and practices of Broccoli 2. Cultivation practices of groundnut 3. Pest management in citrus 4. Management of banana orchard 5. Importance of book keeping and their usage for SHGs 6. Scope and potential of goatery rearing 7. Technologies options for improving backyard poultry | 7 |
| Others (Pl. specify) Manual | How to start a goatery unit | 1 |
| **Total** |  | **10** |

**Details of Electronic Media proposed:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No.** | **Type of media (CD / VCD / DVD / Audio-Cassette)** | **Proposed title of the programme** | **Number** |
| **1** | **CD** | **Bamboo flowering and rodent outbreak** |  |
|  |  |  |  |

**Field activities proposed**

i. Number of villages to be adopted : 4

ii. No. of farm families to be selected : 12

iii. No. of surveys/PRA to be conducted : 4

**Proposed activities of Soil and Water Testing Laboratory : NA**

Status of establishment of Lab : NA

1. Year of establishment : NA

2. Details of samples to be analyzed :

|  |  |  |  |
| --- | --- | --- | --- |
| **Details** | **No. of Samples** | **No. of Farmers** | **No. of Villages** |
| **Soil Samples** |  |  |  |
| **Water Samples** |  |  |  |
| **Total** |  |  |  |

**PART – V**

**(LINKAGES WITH OUTSIDE ORGANISATIONS)**

**5. Proposed Linkages**

**Functional linkage with different organizations**

|  |  |
| --- | --- |
| **Name of organization** | **Nature of linkage** |
| State Agricultural Research Station (SARS) Yisemyong, AICRIP | Joint implementation in conducting training, demonstration, meeting, trials etc. |
| DAO, DHO, DVO, DSCO in the district | Conducting training, demonstration programmes |
| ICAR, Jharnapani, Nagaland University | Consultation, meeting and exchange of technologies |
| AIR Doordashan Mokokchung | Technology dissemination through broadcasting media through AIR by staff of KVK. |
| Nagaland Bee and Honey Mission(NBHM) | Conducting training, demonstration programmes |
| Nagaland State Cooperative Bank | Joint implementation of Farmers clubs |
| NABARD | Joint implementation of Farmers clubs |

**List special programmes to be undertaken by the KVK, financed by State Govt./Other Agencies (if any) NA**

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

**Details of proposed linkage with ATMA**

a) Is ATMA implemented in your district (Yes/No): YES

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Programme** | **Nature of linkage proposed** |
| 1 | Training, Demonstration, Exhibition | Resource person and programme implementation as AMC and BTT members |

**Give details of programmes implemented under National Horticultural Mission (if any) : NA**

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Programme** | **Nature of linkage proposed** |
|  |  |  |

**Nature of linkage with National Fisheries Development Board (if any): NA**

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Programme** | **Nature of linkage proposed** |
|  |  |  |

**PART – VI**

**(PERFORMANCE OF INFRASTRUCTURE**)

**6. Performance of infrastructure in KVK**

**Proposed utilization of demonstration units (other than instructional farm) : NA**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Demo Unit** | **Year of estt.** | **Area** | **Proposed production** | | | **Amount (Rs.)** | |
| **Variety** | **Produce** | **Qty.** | **Cost of inputs** | **Gross income expected** |
| 1 | Vermicomposting | 2009 | 50 sqm | *Eisenia foetida, Eudrilus eugenae* | Vermicompost | 400 kg/unit/harvest | 2000 | 4000/unit/harvest |
| 2 | Banana fibre extraction | 2010 | 100 sqm | - | Fibre, feed, liquid extract | 300 kg | 10,000 | 36,000 |

**Proposed utilization of instructional farm (Crops) including seed production:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name  Of the crop | Expected Date of sowing | Expected Date of harvest | Area (ha) | Proposed production | | | Amount (Rs.) | |
| Variety | Type of Produce | Qty. (qlt) | Cost of inputs | Gross income expected |
| Paddy | 2nd wk March | Last wk sept | 0.3 | SARS -1 | Grain | 7 | 1500 | 5600 |
| Maize | 2nd week March | Last week June | 0.005 | HQPM-1 | Green cob | 2815 cobs | 1250 | 3520 |
| Pulses |  |  |  |  |  |  |  |  |
| Bean | Last wk march | 2nd wk may | 0.002 | Local | Green pod | 0.175 | 400 | 550 |
| Oilseeds |  |  |  |  |  |  |  |  |
| Toria | Last wk Oct. | 2nd wk feb | 0.010 | TS-38 | Seeds | 0.23 | 450 | 720 |
| Groundnut | 1st wk April | 3rd wk August | 0.003 | JL-24 | Pod | 0.13 | 300 | 450 |
| Fibers |  |  |  |  |  |  |  |  |
| Spices |  |  |  |  |  |  |  |  |
| King chili | 1st wk March | 3rd wk July | 0.003 | Local | Fruit | 0.35 | 850 | 3500 |
| Turmeric | 2nd April | December | 0.095 | Megha - 1 | Rhizome |  | 600 |  |
| Garlic | September | Feb | 0.002 | Local | Bulb | 0.17 | 650 | 1350 |
| Plantation crops |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Floriculture |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Fruits |  |  |  |  |  |  |  |  |
| Banana | March | - | 1 | Malbhog | Banana bunch & fibre | - | - | - |
| Vegetables |  |  |  |  |  |  |  |  |
| Knol khol | 2nd wk September | 3rd wk January | 0.013 | EWV |  | 0.75 | 400 | 900 |
| Tomato | 3rd wk Oct | 3rd wk dec. | 0.004 | Megha-1 | Fruit | 0.85 | 750 | 1020 |
| Others (Specify) |  |  |  |  |  |  |  |  |
| Tapioca | Last wk Feb | 3rd wk Dec. | 0.09 | Local | Tuber | 28.0 | 1500 | 5600 |

**Proposed production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) : NA**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name of the Product** | **Qty** | **Amount (Rs.)** | |
| **Cost of inputs** | **Gross income expected** |
|  |  |  |  |  |

**Performance of instructional farm (livestock and fisheries production) NA**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Name**  **of the animal / bird / aquatics** | **Details of expected production** | | |
| **Breed** | **Type of Produce** | **Qty expected** |
|  |  |  |  |  |

**PART – VII**

**(SUMMARY)**

**7. Summary**

**Targets for 2010-11 for KVK.**

**On Farm Trials**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Thematic areas** | **Cereals** | **Pulses** | **Vegetables** | **Fruits** | **Total** |
| Cropping system |  |  |  |  |  |
| Crop diversification |  |  |  |  |  |
| Production and managemental technology |  |  | 2 | 1 | 3 |
| Grand total |  |  | 2 | 1 | 3 |

**FLDs on oilseed and pulse crops.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of KVK** | **Oilseeds** | | **Pulses** | |
| **Area (ha)** | **No. of farmers** | **Area (ha)** | **No. of farmers** |
| KVK, MOKOKCHUNG NAGALAND | 2 | 4 | 2 | 4 |
|  |  |  |  |
| Total | 2 | 4 | 2 | 4 |

**Training programmes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Area** | **Farmers/ farm women** | | **Rural youth** | | **Extension personnel** | |
| **Courses** | **Participants** | **Courses** | **Participants** | **Courses** | **Participants** |
| Crop Production | 4 | 100 | - | - | - | - |
| Horticulture | 5 | 125 | 5 | 122 | 2 | 33 |
| Plant Protection | 3 | 75 | - | - | 1 | 16 |
| Home Science | 1 | 20 | - | - | - | - |
| Animal Science | 3 | 75 | 3 | 75 | 1 | 19 |
| Soil Science | 3 | 75 | 1 | 25 | - | - |
| Agril Engineering | - | - | - | - | - | - |
| Bee Keeping | - | - | - | - | - | - |
| Mushroom Cultivation | - | - | 2 | 50 | - | - |
| Agro forestry | - | - | - | - | - | - |
| Others i) Fishery | 1 | 19 | - | - | - | - |
| ii) Agri.Extension | 1 | 25 | - | - | 2 | 30 |
| **Total** | **21** | **514** | **11** | **272** | **6** | **98** |

**Extension Activities**

|  |  |
| --- | --- |
| **Activity** | **Nos** |
| Field days | 4 |
| Kisan Mela | - |
| Exhibition | 1 |
| Exposure visit | 2 |
| Extension literature | 3 |
| Scientist farmers’ interaction | 5 |
| Ex-trainees meet | - |
| Advisory services | 6 |
| Newspaper coverage | 4 |
| TV show | - |
| Radio talk | 4 |
| Others (Kisan Gosth/ group discussion) | 6 |
| **Total** | **35** |

**Seed Production:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **KVK** | **Quantity (qtl)** | | | |
| **Cereals** | **Oilseeds** | **Pulses** | **Vegetables** |
| KVK, MOKOKCHUNG NAGALAND |  | 2 |  | 0.02 |
|  |  |  |  |
|  |  |  |  |
| **Total** |  | **2** |  | **0.02** |

**Planting Materials :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **KVK** | **Quantity (nos)** | | | |
| **Fruits** | **Vegetable Seedlings** | **Tree Species** | **Ornamental Plants** |
| KVK, MOKOKCHUNG NAGALAND | 4000 | - | 2500 | - |
| **Total** | **4000** | **-** | **2500** | **-** |

**SIGNATURE, PROGRAMME COORDINATOR**