**APR SUMMARY 2015-2016**

(Note: While preparing summary, please don’t add or delete any row or columns)

1. **Training Programmes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Clientele** | **No. of Courses** | **Male** | **Female** | **Total participants** |
| Farmers & farm women | 39 | 595 | 256 | 851 |
| Rural youths | 19 | 245 | 125 | 370 |
| Extension functionaries | 6 | 126 | 56 | 182 |
| Sponsored Training | 3 | 80 | 40 | 120 |
| Vocational Training | 3 | 19 | 32 | 51 |
| **Total** | **70** | **1065** | **509** | **1574** |

1. **Frontline demonstrations**

|  |  |  |  |
| --- | --- | --- | --- |
| **Enterprise** | **No. of Farmers** | **Area (ha)** | **Units/Animals** |
| Oilseeds | 100 | 30 | - |
| Pulses | 135 | 23 | - |
| Cereals | - | - | - |
| Vegetables | 38 | 6.0 | - |
| **Other crops** |  |  |  |
| Fodder crops | 25 | 4.0 | - |
| Hybrid crops | - | - | - |
| **Total** | **298** | **63** | **-** |
| Livestock & Fisheries | 25 | - | 100 |
| Other enterprises | 25 | - | 15 |
| **Total** | **50** | **-** | **115** |
| **Grand Total** | **348** | **63** | **115** |

1. **Technology Assessment & Refinement**

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | **No. of Technology Assessed & Refined** | **No. of Trials** | **No. of Farmers** |
| **Technology Assessed** |  |  |  |
| Crops | 2 | 8 | 8 |
| Livestock | 1 | 30 | 30 |
| Various enterprises | 1 | 20 | 20 |
| **Total** | **4** | **58** | **58** |
| **Technology Refined** |  |  |  |
| Crops | - | - | - |
| Livestock | - | - | - |
| Various enterprises | - | - | - |
| **Total** | - | - | - |
| **Grand Total** | **4** | **58** | **58** |

1. **Extension Programmes**

|  |  |  |
| --- | --- | --- |
| **Category** | **No. of Programmes** | **Total Participants** |
| Extension activities | 365 | 6500 |
| Other extension activities | - | 211 |
| **Total** | **365** | **6711** |

1. **Mobile Advisory Services**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No. of Calls** | **No. of Farmers** | **No. of Messages** | **Type of Messages** | | | | | |
| **Crop (No.)** | **Livestock** | **Weather** | **Marke-ting** | **Aware-ness** | **Other enterprise** |
| 158 | 158 | 8 | 1 | 1 | - | 1 | 3 | 2 |

1. **Seed & Planting Material Production**

|  |  |  |
| --- | --- | --- |
|  | **Quintal/Number** | **Value Rs.** |
| Seed (q) | 245 Qtl. | 294000.00 |
| Planting material (No.) | 76925 | 21300.00 |
| Bio-Products (kg) | 37750 | 229000.00 |
| Livestock Production (No.) | 10 | 50000 |
| Fishery production (No.) | - | - |

1. **Soil, water & plant Analysis**

|  |  |  |
| --- | --- | --- |
| **Samples** | **No. of Beneficiaries** | **Value Rs.** |
| Soil - 60 | 330 | - |
| Water |  |  |
| Plant |  |  |
| **Total** | **330** | **-** |

1. **HRD and Publications**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Category** | **Number** |
| 1 | Workshops | - |
| 2 | Conferences | 1 |
| 3 | Meetings | 2 |
| 4 | Trainings for KVK officials | 2 |
| 5 | Visits of KVK officials | - |
| 6 | Book published | - |
| 7 | Training Manual | - |
| 8 | Book chapters | - |
| 9 | Research papers | - |
| 10 | Lead papers | - |
| 11 | Seminar papers | - |
| 12 | Extension folder | - |
| 13 | Proceedings | 5 |
| 14 | Award & recognition | 4 |
| 15 | Ongoing research projects | - |

**Details SAC meeting\* conducted in the year**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Date** | **Name and Designation of Participants** | **Recommendation** | **Action Taken** |
| 1 | **28th September 2015** | Dr. Shailendra Rajan, Director, C.I.S.H., Rahamankhera, Lucknow | Model Nursery Production Unit should be started at KVK, so that farmers can get training as well as good planting material KVK.  Biological control material production unit | Nursery Production Unit of KVK will be modernized after getting the budget, meanwhile on campus training programmes for formers and rural youths were organized on nursery management at KVK campus. |
| 2 | Dr. S. N. Singh, Senior Scientist, IISR, Telibagh, Lucknow | KVK must adopt one village and organized all their activities in that village and develop it as model village.  Nutrition Gardening should be promoted in rural areas for nutritional security. | KVK adopted Buxikhera for developing it as model village. Trainings, FLDs on Oilseed, Pulses and others as well as OFTs were conducted in the village.  Nutrition gardening has been taken under FLD programme as well as training programme. |
| 3 | Dr. Sharad Kumar, Senior Scientist & Incharge, N.B.F.G.R.I., Lucknow | Demonstration Unit of Integrated farming system should be developed at KVK as well as in the farmer’s field. | It is in the planning, project proposal for IFS is submitted in the ATARI, Kanpur. In the farmers field IFS model has been developed with the support of IWMP project Unnao. Awareness Programmes and gosthies were organized in the village for promotion of IFS model in village. |
| 4 | Dr. S. Shukla, DHO, Unnao | Area of Mango, Guava, Garlik, Jarbera, Banana, Chilli should be increase with the financial support of NHM scheme. | 30 farmers of different village approached to DHO, Unnao for taking benefits of NHM scheme with the technical support of KVK. |
| 5 | Dr. Umesh Kumar, Incharge, CIPMC., Lucknow | Farmers must be aware about IPM technology, KVK can take an initiative and FLD programmes can be conducted for this. | One OFT and Two FLD were conducted on IPM technology. Farmers were trained on this technology through different on campus as well as off campus training programmes. |
| 6 | Sri. Suresh Chandra Verma, Inspector Fisheries, Fisheries Department, Unnao | Exiting ponds in the district can be utilized for Fish culture, New ponds can also be made with the financial support of the district for water conservation and income generation. | Creating awareness through gosthies, mela and trainings for adoption of fish culture and water conservation among farmers. |
| 7 | Sri. Basirudeen, Member DDA, Unnao | Farmers must take benefit of solar systems for irrigation available on subsidy. For which online registration of farmers is compulsory. | 3 farmers for the district has taken the benefit of subsidiary scheme on solar system with the support of KVK |
| 8 | Sri. Ramesh Kumar Singh Chairman, Kunwar Ram Bux Singh Educational Society, Hasanganj, Unnao | Action Plan for whole year activities of KVK must be made with close coordination of district so that problems of farmers due to changing climate can be overcome. | Action plan for the year 2016-2017 is made with incorporation of suggestions of district officials. |
| 9 | Sri. Ajay Kumar Sachan, SMS, Krishi Vibhag, Unnao |  |  |
| 10 | Sri. Ashok Kumar, Asstt. Engineer, P.W.D. Unnao | - | - |
| 11 | Sri. Rajpal Singh, Progressive Farmer, Pilakhana, Unnao | They focused on the problem of Neelgah and Monkey on cultivation of crops and requested to do something for solving their problems. | Dr. S. N. Singh suggested Herbolive to test its efficiency and impacted on Neelgah and Monkey. We are trying to approach for purchase of Herbolive and its testing. |
| 12 | Sri. Sita Ram Progressive Farmer, Buxikhera, Unnao |
| 13 | Smt. Mayatri Devi, Progressive Farmer, Dhaura, Unnao |
| 14 | Sri. Mohit Kumar Singh,  M. D. KVK, Unnao |  |  |

**2. DETAILS OF DISTRICT (2015-16)**

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

|  |  |
| --- | --- |
| S. No | Farming system/enterprise |
| 1  2  3  4  5 | Paddy-Wheat-Fallow, Paddy-Wheat-Moong  Paddy-Wheat-Dhaincha, Maize-Toria-Wheat-Fallow  Groundnut-Pea vegetable- Groundnut  Groundnut-Wheat-Fallow  Okra-Vegetable Pea-Cucurbits. |

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

|  |  |  |
| --- | --- | --- |
| S. No | Agro-climatic Zone | Characteristics |
| 1 | Central Plain Zone (Zone-IV) | - |

|  |  |  |
| --- | --- | --- |
| S. No | Agro ecological situation | Characteristics |
| 1 | Tremendous flood during the rainy seasons and miseries to the human and animal population. | - |

2.3 Soil type

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Soil type | Characteristics | Area in ha |
| 1 | Alluvial, Calcareous and Salt affected | Highly fertile Ca rich & usar soil | 45890.00 |

**2.4. Area, Production and Productivity of major crops cultivated in the district**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S. No | Crop | Area (ha) | Production (Qtl) | Productivity (Qtl /ha) |
| 1 | Food grain | - | 648 | - |
| 2 | Sugarcane | - | 14 | - |
| 3 | Oilseed | - | 14 | - |

**2.8 Priority/thrust areas**

|  |  |
| --- | --- |
| **S. No** | **Thrust area** |
| 1 | District has large salt affected area, hence low cost soil reclamation technology to be disseminated to make this land productive. |
| 2 | Suitable cropping systems need to be introduced in high water table areas. |
| 3 | Low crop productivity in comparison to State yield, thus HYV will be introduced |
| 4 | Unnao has sizable area under orchards namely mango. Malformation in mango is a major problem, which needs to be controlled through IPM. |
| 5 | Introduce IPM and IPNM technology in crops for improvement of soil and environmental health and to reduce chemical load. |
| 6 | Introduction of suitable salt tolerant varieties of rice, wheat, mustard, barley, sugarcane, vegetables etc. |
| 7 | The farmers are not aware to vaccination and deworming of animals, thus training required for farmers and farmwomen about animal health. |
| 8 | The breeds of different Livestock are nondescript which needs to be upgraded or crossbred by good germplasm of sire through Artificial Insemination |
| 9 | To train rural youths and farm women about mushroom production, bee keeping, vermicompost production, dairy farming, goat rearing, seed production and nursery of fruits, forestry and vegetable for upliftment of their socio economic status. |
| 10 | To train farmwomen about improved post harvest technology as well as entrepreneurship development. |
| 11 | Promotion of Nutrition gardening in rural sector for nutritional security. |
| 12 | Increase area of oilseed and pulses crop. |
| 13 | Introduce short durational varieties of summer and Kharif Groundnut |
| 14 | Use of Bio-fertilizers in oilseed and pulse crop for increase production. |

**3.A. Details of target and achievements of mandatory activities by KVK during 2015-16**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **OFT (Technology Assessment and Refinement)** | | | | **FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)** | | | |
| **1** | | | | **2** | | | |
| **Number of OFTs** | | **Total no. of Trials** | | **Area in ha** | | **Number of Farmers** | |
| **Targets** | **Achievement** | **Targets** | **Achievement** | **Targets** | **Achievement** | **Targets** | **Achievement** |
| 6 | 4 | 65 | 58 | 100 | 63 | 421 | 348 |

**Integrated Crop Management**

**Problem Identified :** Low productivity in and profitability in Mango orchard.

**Technology Assessed:** Performance of inter cropping of elephant footyam and turmeric in mango orchard

KVK Unnao conducted OFT to assess to performance of intercropping of elephant footyam and turmeric in Mango orchard in 15 to 20 years old mango orchard during 2015. The shade loving intercrop gave additional income from mango orchard. The mango growers are engaged throughout the year and obtain to extra income from mango orchard. T2 mango orchard (15 to 20 years old) + elephant footyam gave maximum net return Rs. 135000.00 than the T3 mango orchard (15 to 20 years old) + turmeric and T1 mango orchard sole crop (Farmers Practice). The performance of intercrop is given below:-

**Source of Technology :-** IIVR, Varanasi

KVK Unnao in U.P. conducted an On Farm Trail to assess or refine the impact of HYV of Tomato with ridge planting + stacking on the yield. Technique has realized a net return of Rs. 1,65,000.00 as compare to the local practice with net return of Rs. 72,000.00 and yield increase upto 34.6 %. The mango grower’s are engaged throughout the year & obtained extra income to orchard. The performance of intercrop is given below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Technology Option** | **No. of Trials** | **Yield Q/ha** | **Cast of Cultivation (Rs./ha.)** | **Gross return (Rs./ha.)** | **Net Return Rs./ha** | **BCR** |
| T1 - Farmers Practice (Mango orchard sole crop) | 3 | 130 | 62000.00 | 195000.00 | 133000.00 | 1:3.14 |
| T2 – Mango orchard (15-20 years old) orchard + Elephant footyam. | 335 | 95500.00 | 335000.00 | 239500.00 | 1:3.51 |
| T3  Mango orchard (15-20 years old) + Turmeric | 150 | 64000.00 | 150000.00 | 86000.00 | 1:2.34 |

**LIVE STOCK ENTERPRISES**

**Problem Definition**: Post Calving anoestrus in Buffalo Resulting in long calving Interval & low milk production.

**Technology Assessed:** Management of Post Calving Anoestrus in Buffalo in Unnao district (U.P.)

Source of Technology:- IVRI, Izzat Nagar, Bareilly.

KVK, Unnao (U.P.), conducted a trial to find out suitable control / treatment for post calving anoestrus in buffalo. The conventional practice used by the farmer could not control the Post-Calving Anoestrus problem in Buffalo. So for the control of anoestrus a trial of feeding of mineral mixture with dewormer & hormonal herbal therapy was conducted.

Table: Effect of feeding of mineral mixture with Dewormer & Hormonal herbal therapy to control Post calving anoestrus in buffalo.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Technology Option** | **No. of Animal treated** | **No. of Animal Heat/estrus** | **No. of Animal Conceived** | **% Conceived** |
| T1 - Use of Mustard Cake (Farmer Practice) | 10 | 2 | 0 | 0 |
| T2 - Use of mineral Mixture and Dewormer (50 gm/day for 30 days + Bendofen 3gm orally once) | 10 | 7 | 5 | 50 |
| T3- T2 +Use of Herbal heat Inducer (Estrona Forte @ 1b.i.d. for 10 days) | 10 | 9 | 9 | 90 |

**Integrated Pest Management**

**Problem Identified:** Loss in quality and quantity of Ripe Mango Fruits.

**Technology Assessed or Refined:** Integrated crop management of fruit fly in Mango.

**Source of Technology:-** CISH, Lucknow

Mango is an important crop of India however, there is high damage of fruit by fruit fly and resulting in poor quality of fruit and yield. KVK, Unnao has conducted On Farm Trail to assess the Integrated Management of fruit fly in Mango orchard during the season of Mango Crop in 2015.

In T2 Pheromone trap (wooden block 5x5x5 cm. sock in ethanol, methyl eugenol and methyl parathion @6:4:1) were hung in trees during fruit period @ 12 traps/ha., traps were changed at 2 months interval & in T3 spraying of methyl parathion @ 1ml./lt was done. The detail of results obtained are given in table:-

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Technology** | **No. of Trail** | **Yield/ha** | | **Cost of cultivation (Rs./ha)** | **Gross Return**  **(Rs./ha)** | **Net Return**  **(Rs./ha)** | **BCR** |
| **Total** | **Marketable** |
| T1- Farmer Practices | 5 | 123.2 | 112.8 | 22900 | 166320 | 143420 | 7.26 |
| T2- IPM Package | 138.80 | 132.70 | 24100 | 187380 | 163280 | 7.77 |
| T3- Spray of Methyl Parathion | 134.8 | 128.3 | 25150 | 181980 | 156830 | 7.23 |

**Storage Techniques**

**Problem definition:** Pest Infestation in Stored Rice

**Technology Assessed:** Incidence of insects in stored Rice treated with herbs.

To solve aforesaid problem, incidence of pest infestation in stored Rice treated with herbs was assessed. For this 20 families were selected and in each family 21 samples having 100 gm rice in each sample were kept for trial as T1, T2 and T3. Every month occurrence of insects was counted which is presented in the table.

**Table: Incidence of insects in stored Rice treated with Herbs:-**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | **No of Trial** | **T1**  **Farmers Practice (No Treatment)** | | **T2**  **Red Chilly @ 2%** | | **T3**  **Turmeric @ 2%** | |
| **Average** | **Range** | **Average** | **Range** | **Average** | **Range** |
| October | 20 | - | - | - | - | - | - |
| November | - | - | - | - | - | - |
| December | - | - | - | - | - | - |
| January | 0.9 | 0-1 | 0.25 | 0-1 | - | - |
| February | 1.6 | 1-3 | 0.45 | 0-2 | - | - |
| March | 2.45 | 1-5 | 0.85 | 0-3 | 0.2 | 0-1 |
| April | 3.1 | 2-6 | 1.3 | 0-3 | 0.35 | 0-2 |

The data mentioned in above table indicates that during storage of Rice no occurrence of insects was found in any tested sample up to 3 months of storage. Whereas in case of Rice treated with turmeric no occurrence of insects were found up to 5 months and after that occurrence of insects were minimum as compare to T1 and T2. This technology was found economic and acceptable by the farm women.

Extension Programmes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Activities** | **No. of programmes** | **No. of farmers** | **No. of Extension Personnel** | **Total** |
| Advisory Services | 48 | 670 | 5 | 675 |
| Diagnostic visits | 268 | 720 | 8 | 728 |
| Field Day | 8 | 172 | 10 | 182 |
| Group discussions | 10 | 120 | 4 | 124 |
| Kisan Ghosthi | 8 | 1025 | 22 | 1047 |
| Film Show | 2 | 38 | 3 | 41 |
| Self -help groups |  |  |  |  |
| Kisan Mela | 2 | 2950 | 26 | 2976 |
| Exhibition | 8 | - | - | 8 |
| Scientists' visit to farmers field |  |  |  |  |
| Plant/animal health camps | 2 | 160 | 5 | 165 |
| Farm Science Club | - | - | - | - |
| Ex-trainees Sammelan | 1 | 75 | 5 | 80 |
| Farmers' seminar/workshop | - | - | - | - |
| Method Demonstrations | - | - | - | - |
| Celebration of important days | 2 | 115 | 2 | 117 |
| Special day celebration | 4 | 136 | 5 | 141 |
| Exposure visits | 4 | 214 | 2 | 216 |
| Others (pl. specify) | - | - | - | - |
| **Total** | **367** | **6395** | **97** | **6500** |

Details of other extension programmes

|  |  |
| --- | --- |
| **Particulars** | **Number** |
| Electronic Media (CD./DVD) | - |
| Extension Literature | 3 |
| News paper coverage | 35 |
| Popular articles | 3 |
| Radio Talks | 2 |
| TV Talks | 8 |
| Animal health amps (Number of animals treated) | 160 |
| Others (pl. specify) | - |
| **Total** | **211** |

**DETAILS OF TECHNOLOGY WEEK CELEBRATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Number of KVKs organized**  **Technology Week** | **Types of Activities** | **No. of**  **Activities** | **Number of**  **Participants** | **Related crop/livestock technology** |
| Kisan Diwas  23-29 December 2015 | Gosthies | 3 | 320 | - |
| Lectures organized | 8 | 300 | - |
| Exhibition | 1 | 300 | - |
| Film show | - | - | - |
| Fair | - | - | - |
| Farm Visit | 3 | 250 | - |
| Diagnostic Practicals | 2 | 40 | - |
| Distribution of Literature (No.) | 2 | 1200 | - |
| Distribution of Seed (q) Vegetable kit | - | 50 | - |
| Distribution of Planting materials (No.) | - | 2500 | - |
| Bio Product distribution (Kg) | - | - | - |
| Bio Fertilizers (q) | - | - | - |
| Distribution of fingerlings | - | - | - |
| Distribution of Livestock specimen (No.) | - | 5 | - |
| Total number of farmers visited the technology week | - | 1200 | - |

**VI. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS**

**Production of seeds by the KVKs**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Crop | **Name of the crop** | **Name of the variety** | **Name of the hybrid** | **Quantity of seed**  **(q)** | **Value**  **(Rs)** | **Number of farmers** |
| Cereals | Paddy | Kaveri, NDR-359,BPT 5204, NDR-3112, NDR-2008, Sarwana Subwan, CSR-43, CSR-36, CSR-30, MTU 7029, Jalmagan, Kala Namak, | - | 170.00 | 204000 | 450 |
|  | Wheat | DBW-14, DBW-17, PBW-527, PBW-596, PBW-550, PBW-343, PBW-502, NW1014, Malviya-234, K-307, K-7903, HD-2733, HD-4717 | - | 75.00 | 90000 | 160 |
| Oilseeds |  |  |  |  |  |  |
| Pulses |  |  |  |  |  |  |
| Commercial crops |  |  |  |  |  |  |
| Tomato |  |  |  |  |  |  |
| Vegetables |  |  |  |  |  |  |
| Flower crops |  |  |  |  |  |  |
| Spices |  |  |  |  |  |  |
| Garlic |  |  |  |  |  |  |
| Fodder crop seeds |  |  |  |  |  |  |
| Fiber crops |  |  |  |  |  |  |
| Forest Species |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |
| **Total** |  |  |  | **245** | **294000** | **610** |

# Production of planting materials by the KVKs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Crop** | **Name of the crop** | **Name of the variety** | **Name of the hybrid** | **Number** | **Value (Rs.)** | **Number of farmers** |
| Commercial | Tomato | F1 Hybrid | Laxmi, Himshikha | 20000 | 1500 | 100 |
|  |  |  |
|  | Brinjal | Kannha | F1 hybrid | 8000 | 800 | 12 |
| Vegetable seedlings | Chilli | Anuska | F1 hybrid | 10000 | 800 | 10 |
|  | Cabbage | Ajanta | F1 hybrid | 10000 | 1200 | 20 |
|  | Cauliflower | Sarita | F1 hybrid | 8000 | 1000 | 30 |
|  | Bottile Guard | Kashi Bahar | F1 hybrid | 1000 | 2000 | 5 |
|  | Bitter Guard | Chaman | F1 hybrid | 500 | 1000 | 19 |
|  | Pumpkin | Arka chandan | - | 200 | 300 | 10 |
| Fruits | Mango | Dashehari,Chausa,  Amrapali | - | 500 | 500 | 20 |
|  | Guava | L-49, Lalit | - | 400 | 2000 | 8 |
|  | Aonla | NA – 7, Na – 10 | - | 100 | 2000 | 13 |
|  | Bael | Etava Kagji | - | 25 | 500 | 08 |
|  | Papaya | Pusa Deliceos, Pusa Nanha | Madhu | 200 | 1000 | 30 |
|  | Cucumber | F1 hybrid | F1 hybrid | 250 | 500 | 20 |
|  | Spongegaurd | Pusa supriya |  | 350 | 600 | 5 |
| Ornamental plants | Chrysanthemum | - | - | 1000 | 2000 | 08 |
|  | Rose | - | - | 500 | 2500 | 15 |
|  | Marigold | - | - | 2000 | 200 | 40 |
|  | Other Seasonal Flower | - | - | 5000 | - | - |
| Medicinal and Aromatic | Kochya | Kochiya | Traditional | 5000 | 500 | 40 |
| Plantation | - | - | - | - | - | - |
| Spices | - | - | - | - | - | - |
| Tuber | - | - | - | - | - | - |
| Fodder crop saplings | Hybrid Napier | Hybrid Napier-3 (Swetika) | - | 2000 | 400 | 10 |
| Forest Species | Seasum | - | - | 200 | - | - |
|  | Arjun | - | - | 200 | - | - |
|  | Neam | - | - | 400 | - | - |
|  | Cajurina | - | - | 100 | - | - |
|  | Eucalyptus | - | - | 1000 | - | - |
| Others |  |  |  |  |  |  |
| **Total** |  |  |  | **76925** | **21300** | **423** |

**Production of Bio-Products**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Bio Products** | **Name of the bio-product** | **Quantity (Kg.)** | **Value (Rs.)** | **No. of Farmers** |
| Bio Fertilizers | Vermi Compost | 25000 | 125000 | 08 |
|  | Nadep Compost | 8000 | 24000 | - |
|  | AzotoBactor | - | - | - |
|  | Rhizobium | - | - | - |
|  | B.G.A. | - | - | - |
|  | P.S.B. Culture | - | - | - |
|  | Worms | 250 | 75000 | 10 |
|  | Wormi-wash | 500 | 5000 | - |
| Bio-pesticide | Botanicals | - | - | - |
| **Total** |  | **33750** | **229000** | **18** |

**Table: Production of Value Added-Products**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the product** | **Quantity of sold material (kg.)** | **Quantity Stock (kg.)** | **Total (kg.)** |
| Aonla Juice | 50.00 | 50.00 | 100.00 |
| Aonla Candy | 55.00 | 72.00 | 127.00 |
| Aonla Pickle | 120.00 | 50.00 | 170.00 |
| Aonla Murabba | 48.00 | 55.00 | 103.00 |
| Garlic Pickle | 97.00 | 20.00 | 117.00 |
| Green Chilli Pickle | 60.00 | 85.00 | 145.00 |
| Lemon Pickle | 50.50 | 60.00 | 110.50 |
| Mango Pickle | 295.70 | 100.00 | 395.70 |
| Mixed Pickle | 140.00 | 100.00 | 240.00 |
| Aam Papad | 40.00 | 25.00 | 65.00 |
| Squash | 40.00 | 20.00 | 60.00 |
| **Total** | **996.2** | **637** | **1633.2** |

**VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Samples | **No. of Samples** | **No. of Farmers** | **No. of Villages** | **Amount realized (Rs.)** |
| Soil | 60 | 330 | 7 | - |
| Water | **-** | **-** | **-** | **-** |
| Plant | - | - | - | - |
| Manure | **-** | **-** | **-** | **-** |
| Others (pl.specify) | **-** | **-** | **-** | **-** |
| **Total** | **60** | **330** | **7** | **-** |

**Farmers-scientists interaction on livestock management**

|  |  |  |
| --- | --- | --- |
| **Livestock components** | **Number of interactions** | **No. of participants** |
| Cattle & Buffalo | 10 | 150 |
| Sheep & Goat | 6 | 45 |
| **Total** | **16** | **195** |

**Animal health camps organised**

|  |  |  |
| --- | --- | --- |
| **Number of camps** | **No. of animals** | **No. of farmers** |
| 2 Deworming camp | 490 | 165 |
| 10 (6-FMD + 4 HS) | 1155 | 635 |
| **Total** | **1645** | **800** |