**ACTION PLAN**

**(April 2012 - March 2013)**



**PRESENTED AT ZONAL WORKSHOP OF KVKs of ZONE - II**

**HELD AT**

**BIDHAN CHANDRA KRISHI VISWAVIDYALAY, KALYANI**

**(WEST BENGAL)**

**[16TH - 18TH April 2012]**



**KRISHI VIGYAN KENDRA, SCADA, BHOJPUR ,ARA,**

**SONE COMMAND AREA DEVELOPMENT AGENCY,**

SONE BHAWAN, DAROGA PRASAD RAI PATH PATNA - 800001

**BHOJPUR AT A GLANCE**

**1. ESTABLISHMENT: 18.12.1972**

(Partition of old Shahabad District and formation of Bhojpur and Rohtas)

**2.** **GEOGRAPHICAL LOCATION:**

Latitude: 25015'N to 25046'N

Longitude: 84045'E to 85015'E

Altitude: 195.98 M above MSL

**3.** **GEOGRAPHICAL BOUNDRY:**

North: River Gangas, Saran & Baliyan district

South: Rohtas and Gaya district

East: River Sone and Patna district

West: District Buxer

**4.** **GEOGRAPHICAL AREA:** 2337.37 (sq km.) or 233729.15 (ha)

**5.** **Agro-climatic Region &Zone:** The district comes under South Bihar

Old Alluvial Plains, which has been categorized as Grade III (Sub-humid). The Soil type is heavy to sandy clay.

I. Rainfall data (m.m.)

Normal : 925

Actual : 983.85/2002 1175.43/2003 725.24/2004

II. Temperature : Min. 60C; Max.400C

III. Relative Humidity: 35 to 950/0

**6. No. of Blocks/Village**

(a) No. of Blocks : 14

(b) No. of Village panchayat : 228

(c) No. of Village-Inhibited : 999

(d) No. of Village-Non-Inhibited : 218

(e) No. of Village Electrified : 426

**7.** **(a). Population (As per 2001 census):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No.** |  | **Males** | **Female** | **Total** |
| 1. | Urban | 169,535 | 142,879 | 312,414 |
| 2. | Rural | 1,010,076 | 920,654 | 1,930,730 |
|  | Total | 1,179,611 | 1,063,533 | 2,243,144 |

(b) Population density/sq km. : 903

(c) Population below poverty line : 42.50/0

**(d) Percentage of Population w.r.t. various parameters:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No.** | **Parameter** | **Total** | **Rural** | **Urban** |
| 1. | Literacy rate: Persons | 58.96 | 56.84 | 71.55 |
|  | Male | 74.29 | 73.43 | 79.55 |
|  | Female | 41.80 | 38.50 | 62.36 |
| 2. | Main workers: Persons | 21.93 | 22.07 | 21.07 |
|  | Male | 36.78 | 36.85 | 36.41 |
|  | Female | 5.45 | 5.85 | 2.87 |
| 3. | Marginal workers: Persons | 7.22 | 7.97 | 2.57 |
|  | Male | 7.31 | 7.96 | 3.43 |
|  | Female | 7.12 | 7.98 | 1.55 |
| 4. | Non- workers: Persons | 70.85 | 69.96 | 76.36 |
|  | Male | 55.91 | 55.19 | 60.16 |
|  | Female | 87.43 | 86.16 | 95.58 |
| 5. | SC Population: Persons | 15.32 | 16.22 | 9.76 |
|  | Male | 15.38 | 16.33 | 9.71 |
|  | Female | 15.25 | 16.10 | 9.81 |
| 6. | ST Population: Persons | 0.37 | 0.37 | 0.39 |
|  | Male | 0.38 | 0.38 | 0.39 |
|  | Female | 0.36 | 0.36 | 0.40 |

**8. Classification of workers:**

(a) Total Cultivators : 227049

(b) Small &marginal farmers : 221535

(c) Agricultural laborers : 259482

(d) Artisans : NA

(e) Workers in household industries : 24476

(f) Allied Agro Activities & Other works : 144028

(g) Total working Population : 655935

(h) 0/0 of working Population to Total Population : 29.150/0

9.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Size of Land holding** | **No. of holding** | **(%)** | **Area (ha)** | **(%)** |
| (a) Less than 1 ha. | 203840 | 78.9 | 67416 | 35.8 |
| (b) Between 1 and 2 ha | 30498 | 11.8 | 38531 | 20.5 |
| (c) Between 2 and 4 ha | 18454 | 7.1 | 49380 | 26.2 |
| (d) Between 4 and 10 ha | 5324 | 2.0 | 31511 | 16.7 |
| (e) More than 10 ha | 88 | 0.2 | 1296 | 00.8 |
| **TOTAL** | **258204** |  | **188134** |  |

**10. Land Utilization Pattern:**

(a) Geographical area : 2, 33,729.15 ha.

(b) Net cultivable area : 1, 88,134.00 ha.

(c) Permanent Fallow land : 418.00 ha.

(d) Cultivable Barren land : 729.00 ha.

(e) Land temporarily used for non-agriculture purpose : 925.00 ha.

(f) Pasture & others : 288.00 ha.

(g) Land not suitable for cultivation : 7221.00 ha.

(h) Aquatic land : 4071.00 ha.

(i) Land used for non-agriculture purpose : 31943.00 ha.

(j) Forest area : Nil

**11. Irrigation Sources:**

Canal:- Sone Canal Circle, Ara.

Sone Canal Division, Bikramganj

State Tube well - 337 (63 functional)

Private Tube well - 18,901

E.R.P. Set - 09

Lift irrigation - 29

Net Irrigate Area.

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Source** | **Kharif Area (ha)** | **Rabi Area (ha)** |
| 1. | Canal | 72952 | 29700 |
| 2. | Private Tube well | 24478 | 36717 |
| 3. | Lift Irrigation | 838 | 153 |
| 4. | State Tube well | 454 | 526 |
| 5. | Other Sources | 1685 | 1685 |
|  | **Total** | **1,00,407(ha)** | **68,781 (ha)** |
|  | | | |
| **12.** **Area Covered Under Different Crops** | | | |
| |  |  |  | | --- | --- | --- | | **Kharif** | **Rabi** | **Summer (ha)** | | Rice- 1,20,500 | Wheat- 1,03,800 | Green Gram- 20 | | Maize- 7,000 | Maize- 2,295 | Maize- 30 | | Pulses- 5,580 | Pulse- 42,600 | Vegetable- 400 | | Red Gram- 3,500 | Gram- 20,500 | Onion- 125 | | Black Gram- 1,000 | Pea- 2,500 |  | | Green Gram- 1,080 | Others- 4,500 |  | | Oil Seed- 525 | Oil seed- 10,140 |  | | Sesame- 215 | Rabi/Mustard- 6,100 |  | | Castor- 285 | Sunflower- 40 |  | | Sunflower- 25 | Vegetable- 2,000 |  | | Vegetable- 750 | Potato- 3,525 |  | | **Total 1,34,355** | **1,64,360** | **575** | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13.** **Credit SYSTEM:**   |  |  | | --- | --- | | Lead Bank  P.N.B.  S.B.I.  Allahabad Bank  C.B.I  Canara Bank  Bank of India  Union Bank  U.C.O. Bank  Indian Bank  United Bank  Bank of Baroda  Syndicate Bank  Madhya Bihar Gramin Bank  Central Co-operative Bank  Land Development Bank | Punjab National Bank  22  08  01  01  03  02  03  02  02  01  02  01  53  15  05 | | **Total** | **122** |   **14.** **Agril. MACHINES:**   |  |  |  | | --- | --- | --- | | Tractor | - | 1623 | | Diesel Pump Set | - | 15057 | | Harvester | - | 05 | | Electric Pump Set | - | 1870 | | Harrows | - | 360 | | Winnower | - | 25 | | Z T Machines |  | 434 | | Power Tiller |  | 60 | | Sprayer & duster |  | 676 | | Ripper |  | 6 | | Rotavetor |  | 5 | | Thrasher |  | 125 |   **15. Agriculture Support / Facilities**  (a) Seed / Fertilizer / Pesticides depots: 103  (b) Rural Markets / Mandis: 91  (c) Rural God owns: 06  (d) Cold Storage: 2 - capacity - 10000 MT.  **16. Animal Husbandry (As per 2005 census):**  Plough Animals : 87852  Dairy Animals Total Milking  Cow : 157479 4279  Buffalo : 206945 66068  Sheep + Goat + Pigs. : 43698 + 134142 + 17097  Poultry : 215459  **17. Predominant economic activities of the district**  Agriculture is the predominant economic activity in the district. Other important economic activities are dairy, horticulture, transport, housing, business and other activities in the service sector. The industrial activity in the district is in problem state. Most of the industrial units have become sick and good entrepreneurs and businessmen are shifting to other states.  **18. Major food crops / commercial and plantation / horticulture crops**   1. The major food crops of the district are paddy and wheat. Pulses, oilseeds and maize are   also important crops  2. However, potato, onion and vegetable have emerged as major commercial horticultural  crops .   1. Medicinal and aromatic plants have also started taking roots on a small scale, in the.   district  4. Mushrooms cultivation is in a nascent stage.  19. **Special feature of the DISTRICT:**   * Bhojpur is considered as the rice-bowl in the state and Rice- Mill is a traditional industry * Land is fertile and the farmers are comparatively progressive. * Climate of the district is conducive for a wide ran agricultural / horticultural crops. * Medicinal and aromatic plants are already being cultivated in the district. * There are developed vegetable clusters. * Dairy infrastructure is well developed. * The level of farm mechanization is better than many other districts. * Ara, the headquarter town of the district, is well connected both by rail and road. * It is an adjoining district of the state capital. * All the necessary inputs required for Farm as well as Non-Farm activities are available in the district or those can be easily obtained from the adjoining district at competitive price. * The district is replete with potential for development in Primary, Secondary as well as in Tertiary sectors.   **20. Other factors affecting the district's rural economy:**  **POSITIVE FACTORS**   * District headquarter is well linked with other towns and cities by road and rail. * There is a vast network of canals in the district. * Two major rivers flow through the district providing a good source of river in fishery and an opportunity to do the sand business. * A new power grid was commissioned during the year 2004-05 with which the power position in the district is expected to improve. * The district has been identified under the Rastriya Sam Vikas Yojana and it is expected that some of the infrastructural bottlenecks, in terms of rural connectivity, energisation etc, would be bridged during the year 2004-05 and 2006-07   **NEGATIVES FACTORS**   * Bhojpur is a drought prone district. * The rural connectivity and rural infrastructure is very poor. * A significant portion of land is rain fed. * The condition of electric supply is erratic. |

**Thrust Areas:**

**Thrust area identified through PRA survey and other methods.**

**A. Crop Production**- Promotion of seed village programme.

Promotion of Organic Food

**B. Horticulture** - Promotion of Fruit cultivation for better

Economic returns

**C. Plant Protection**- Promotion of Biological control & IPM

**D. Animal husbandry**- Promotion of balanced nutrition for dairy

development. .

**E. Home Science-** Preservation of fruit and vegetables.

Action plan 2012-13

1. Name of the KVK : KVK ,SCADA, Bhojpur, Ara
2. Name of host Organization : Sone Command Area Development Agency, Patna
3. Training Programme to be organized (April 2012 to March 2013)
4. Farmers and Farmwomen

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Total No**  **Of Course** | **Duration** | **No. of participants** | | | **Total** | | | | | | | | | | | | | **G.T.** | |
| **SC** | **ST** | **Others** | **M** | | | | | | **F** | | | | | | **T** |
| Weed Management | Weed control in rice nursery | 4 | 2 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 80 | |
|  | Weed control in DSR | 2 | 2 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | Weed control in transplanted rice | 4 | 2 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 80 | |
|  | Phalaris minor control in wheat. | 4 | 2 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 80 | |
|  | Weed control in Lentil | 4 | 2 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 80 | |
|  | **Total** | **18** | **10** | **25** |  | **75** | **100** | | | | | |  | | | | | |  | **360** | |
| Resource CT | Direct seeding of rice with ZT. | 2 | 2 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | Direct seeding of wheat with ZT. | 2 | 2 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 80 | |
|  | Direct seeding of Lentil with ZT. | 2 | 2 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | Direct seeding of Gram with ZT. | 2 | 2 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | **Total** | **8** | **8** | **20** |  | **60** | **60** | | | | | |  | | | | | |  | **200** | |
| Cropping System | Inter cropping in Orchards with EFY | 2 | 4 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | Inter cropping Red Gram with Sorghum | 2 | 4 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | Inter cropping in  Sugar cane | 4 | 4 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 80 | |
|  | Cultivation of Summer green gram in summer Fallow | 2 | 2 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | **Total** | **10** | **18** | **25** |  | **75** | **100** | | | | | |  | | | | | |  | **200** | |
| Water Management | Water management  in paddy nursery. | 4 | 4 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 80 | |
|  | Water management  in SRI paddy. | 2 | 5 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | Use of sprinkler | 2 | 5 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | Alternate row system of irrigation in  Vegetables | 4 | 5 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 80 | |
|  | Ring system of irrigation in Cucurbits | 2 | 5 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | Total | **14** | **24** | **25** |  | **75** | **100** | | | | | |  | | | | | |  | **280** | |
| Seed Production | Seed production of H.Y.V. Rajendra Mahsuri-1 | 2 | 7 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | Seed production of H.Y.V. Swarna Mahsuri (MTU-7029 ) | 2 | 7 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | Seed production of Gram  P-256 | 2 | 7 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | Seed production of timely sown H.Y.V. of Wheat  HD-2733 | 2 | 7 | 5 | - | 15 | 20 | | | | | |  | | | | | |  | 40 | |
|  | Seed production of late condition H.Y.V. of Wheat HD-2643 | 2 | 7 | 5 | - | 15 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Sugar cane seed production | 2 | 7 | 5 | - | 15 | 20 | | | | |  | | | | | | |  | 40 | |
|  | **Total** | **12** | **42** | **30** |  | **90** | **120** | | | | |  | | | | | | |  | **240** | |
| Nursery Management | Preparation of raised bed nursery of rice. | 2 | 4 | 5 | - | 15 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Preparation of rice nursery .for SRI | 5 | 4 | 5 | - | 15 | 20 | | | | |  | | | | | | |  | 100 | |
|  | **Total** | **7** | **8** | **10** |  | **30** | **40** | | | | |  | | | | | | |  | **140** | |
| Fodder production | Fodder production of  Bar seem | 2 | 4 | 5 | - | 15 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Fodder production of Hybrid Napier | 2 | 4 | 5 | - | 15 | 20 | | | | |  | | | | | | |  | 40 | |
|  | **Total** | **4** | **8** | **10** |  | **30** | **40** | | | | |  | | | | | | |  | **80** | |
| Production of Organic Inputs | Brown manuring in  DSR | 2 | 5 | 5 | - | 15 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Brown manuring in transplanted Rice | 4 | 5 | 5 | - | 15 | 20 | | | | |  | | | | | | |  | 80 | |
|  | Recycling of Agri. Waste as Vermi compost. | 6 | 7 | 5 | - | 15 | 20 | | | | |  | | | | | | |  | 120 | |
|  | **Total** | **12** | **38** | **15** |  | **45** | **60** | | | | |  | | | | | | |  | **240** | |
| Production of low Volume & high value crops | Scientific cultivation of early Kharif cucurbits | 2 | 5 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Scientific package of practices of hybrid Brinjal | 2 | 5 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Scientific cultivation of early Kharif Okra | 2 | 5 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Scientific cultivation of early Cauliflower | 2 | 4 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Scientific cultivation of early tomato | 2 | 4 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Scientific cultivation of early Potato | 2 | 4 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Scientific package and practices of Vegetable pea | 2 | 4 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Scientific cultivation of Cabbage | 2 | 4 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Scientific cultivation of early summer Okra | 2 | 4 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Scientific cultivation of early summer cucurbits | 2 | 4 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | **Total** | **18** | **38** | **18** |  | **162** | **180** | | | | |  | | | | | | |  | **360** | |
| Nursery Raising | Raising healthy seedling of Kharif Brinjal& Chili | 2 | 3 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Raising healthy seedling of early Cauliflower & Tomato | 2 | 3 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Scientific nursery management for Onion | 2 | 3 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | **Total** | **6** | **9** | **6** |  | **54** | **60** | | | | |  | | | | | | |  | **120** | |
| Seed Production | Scientific seed production techniques of Potato | 2 | 5 | 2 | - | 18 | 20 | | | | |  | | | | | | |  | 40 | |
|  | Scientific seed production techniques of Vegetable Pea | 2 | 5 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | Scientific seed production techniques of Okra | 2 | 5 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | Scientific seed production techniques of Cowpea | 2 | 5 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | **Total** | **8** | **20** | **8** |  | **72** | **80** | | | |  | | | | | | |  | | **160** | |
| Weed Control | Weed Control by chemical means in Okra | 2 | 2 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | Control of Parthenium spp. By Chemical means in Brinjal plot | 2 | 2 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | Weed Control in Onion by chemical means | 2 | 2 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | **Total** | **6** | **6** | **6** |  | **54** | **60** | | | |  | | | | | | |  | | **120** | |
| Layout and management of Orchards | Scientific lay out for developing new mango orchard | 2 | 7 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | Scientific lay out for developing new Guava orchard | 4 | 5 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 80 | |
|  | **Total** | **6** | **12** | **4** |  | **36** | **40** | | | |  | | | | | | |  | | **120** | |
| Cultivation of Fruits | Band placement of manures & fertilizer in old mango orchard | 2 | 3 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | Scientific package & practices for mango orchard | 2 | 4 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | Scientific package & practices for Guava Orchard | 2 | 4 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | Scientific Papaya cultivation | 2 | 4 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | Healthy seedling raising of Papaya | 2 | 2 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | **Total** | **10** | **17** | **10** |  | **90** | **100** | | | |  | | | | | | |  | | **200** | |
| Rejuvenation of old Orchards | Management of old Mango orchard after harvest | 2 | 3 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | Coupe management in Guava Orchard | 2 | 3 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | **Total** | **4** | **6** | 4 |  | 36 | 40 | | | |  | | | | | | |  | | 80 | |
| Production and Management technology | Scientific cultivation of marigold | 2 | 4 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | Scientific cultivation of tuberose | 2 | 4 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | **Total** | **4** | **8** | **4** |  | **36** | **40** | | | |  | | | | | | |  | | **80** | |
| Production and Management technology | Scientific Management of tissue culture banana | 2 | 15 | 2 | - | 18 | 20 | | | |  | | | | | | |  | | 40 | |
|  | **Total** | **2** | **15** | **2** |  | **18** | **20** | | |  | | | | | | |  | | | **40** | |
| Tuber Crops Production and Management technology | Cultivation of early potato | 2 | 15 | 2 | - | 18 | 20 | | |  | | | | | | |  | | | 40 | |
|  | **Total** | **2** | **15** | **2** | **-** | **18** | **20** | | |  | | | | | | |  | | | **40** | |
| Medicinal & Aromatic Plant Nursery management | Scientific cultivation of Kalmegha | 2 | 5 | 2 | - | 18 | 20 | | |  | | | | | | |  | | | 40 | |
|  | **Total** | **2** | **5** | **2** | **-** | **18** | **20** | | |  | | | | | | |  | | | **40** | |
| Post harvest technology and value addition | Packaging & grading of Mango | 2 | 2 | 2 | - | 18 | 20 | | |  | | | | | | |  | | | 40 | |
|  | Packaging & grading of Guava | 2 | 2 | 2 | - | 18 | 20 | | |  | | | | | | |  | | | 40 | |
|  | **Total** | **4** | **4** | **4** |  | **36** | **40** | | |  | | | | | | |  | | | **80** | |
| Soil Health &Fertility Management | P-management in Red Gram | 2 | 2 | 5 | - | 15 | 20 | | |  | | | | | | |  | | | 40 | |
|  | N-management  in paddy nursery. | 2 | 2 | 5 | - | 15 | 20 | | |  | | | | | | |  | | | 40 | |
|  | N-management in transplanted Paddy | 2 | 2 | 5 | - | 15 | 20 | | |  | | | | | | |  | | | 40 | |
|  | N- Management in timely sown Wheat | 2 | 2 | 5 | - | 15 | 20 | | |  | | | | | | |  | | | 40 | |
|  | N- Management in late sown Wheat | 2 | 2 | 5 | - | 15 | 20 | | |  | | | | | | |  | | | 40 | |
|  | **Total-** | **10** | **10** | **25** |  | **75** | **100** | | |  | | | | | | |  | | | **200** | |
| Integrated Nutrient Management | Advantages of Vermi compost in Rabi vegetable. | 2 | 2 | 5 | - | 15 | 20 | | |  | | | | | | |  | | | 40 | |
|  | Role of potash in Potato | 2 | 2 | 5 | - | 15 | 20 | | |  | | | | | | |  | | | 40 | |
|  | Importance of Sulpher& Boron in Onion | 2 | 2 | 5 | - | 15 | 20 | | |  | | | | | | |  | | | 40 | |
|  | Nutrient management in Okra | 2 | 5 | 5 | - | 15 | 20 | | |  | | | | | | |  | | | 40 | |
|  | **Total-8** | **8** | **11** | **20** |  | **60** | **80** | | |  | | | | | | |  | | | **40** | |
| Production and use of Organic input | Use of Bio-fertilizer in Paddy | 2 | 2 | 5 | - | 15 | 20 | |  | | | | | | | | 40 | | |  |
|  | Use of Bio-fertilizer in Wheat. | 2 | 2 | 5 | - | 15 | 20 | |  | | | | | | |  | | | | 40 | |
|  | **Total** | **4** | **4** | **10** |  | **30** | **40** | |  | | | | | | |  | | | | **80** | |
| Micro nutrient deficiency in Crop | Role of Zn-nutrients in scented Rice | 2 | 2 | 5 | - | 15 | 20 | |  | | | | | | |  | | | | 40 | |
|  | Zn & Boron application in Paddy | 2 | 2 | 5 | - | 15 | 20 | |  | | | | | | |  | | | | 40 | |
|  | Role of Zn-nutrients in Wheat | 2 | 2 | 5 | - | 15 | 20 | |  | | | | | | |  | | | | 40 | |
|  | Role of S & nutrients in Sugar Cane | 2 | 2 | 5 | - | 15 | 20 | |  | | | | | | |  | | | | 40 | |
|  | **Total** | **8** | **8** | **20** |  | **60** | **80** | |  | | | | | | |  | | | | **160** | |
| Soil &Water Testing | Techniques of soil sampling | 2 | 2 | 5 | - | 15 | 20 | |  | | | | | | |  | | | | 40 | |
|  | Techniques of soil sampling | 6 | 2 | 5 | - | 15 | 20 | |  | | | | | | |  | | | | 120 | |
|  | **Total** | **8** | **4** | **10** |  | **30** | **40** | |  | | | | | | |  | | | | **160** | |
| Land Leveling | Land leveling and its importance in Kharif crops production. | 2 | 2 | 5 | - | 15 | 20 | |  | | | | | | |  | | | | 40 | |
|  | Land leveling and its role in crop production. | 2 | 2 | 5 | - | 15 | 20 | |  | | | | | | |  | | | | 40 | |
|  | **Total -** | **4** | **4** | **10** |  | **30** | **40** | |  | | | | | | |  | | | | **80** | |
| Formation of Farm Science Club | Formation of Farm Science Club | 2 | 7 | 5 | - | 15 | 20 | |  | | | | | | |  | | | | **40** | |
|  | **Total** | **2** | **14** | **10** |  | **30** | **40** | |  | | | | | | |  | | | | **40** | |
| Household Kitchen Gardening | Development of nutritional garden for gainful employment | 2 | 5 | 5 | - | 15 | - | | 20 | | | | | | | 20 | | | | 40 | |
|  | Development of nutritional garden for gainful employment | 2 | 5 | 5 | - | 15 |  | | 20 | | | | | | | 20 | | | | 40 | |
|  | **Total** | **4** | **10** | **10** |  | **30** |  | | **40** | | | | | | | **40** | | | | **80** | |
| Designing &Development of low cost diet | Preparation of low cost balanced diet for mother & children | 2 | 2 | 5 | - | 15 |  | | 20 | | | | | | | 20 | | | | 40 | |
|  | Preparation of low cost balanced diet for mother & children | 2 | 2 | 5 | - | 15 |  | | 20 | | | | | | | 20 | | | | 40 | |
|  | Preparation of low cost balanced diet for mother & children | 2 | 2 | 5 | - | 15 |  | | 20 | | | | | | | 20 | | | | 40 | |
|  | Preparation of low cost balanced diet for mother & children | 2 | 2 | 5 | - | 15 |  | | 20 | | | | | | | 20 | | | | 40 | |
|  | **Total** | **8** | **8** | **20** |  | **60** |  | | **80** | | | | | | | **80** | | | | **160** | |
| Gender mainstreaming through SHGs | Fundamental of SHG & importance for women employment | 4 | 2 | 5 | - | 15 |  | | 20 | | | | | | | 20 | | | | 80 | |
|  | **Total** | **4** | **8** | **5** |  | **15** |  | | **20** | | | | | | | **20** | | | | 40 | |
| Storage loss technique | Control of godown insect in cereals storage | 5 | 2 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 100 | |
|  | Techniques of insect free pulses storage | 4 | 2 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 80 | |
|  | **Total** | **9** | **8** | **20** |  | **60** |  | **80** | | | | | | | **80** | | | | | **180** | |
| Value addition | Mango & water melon squace | 2 | 3 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | Guava jelly making | 2 | 3 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | Value Added organic farming by SHGs | 4 | 15 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 80 | |
|  | Value added by products is vegetable in SHGs | 2 | 15 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | Tomato Preservation | 2 | 3 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | **Total-** | **12** | **39** | **25** |  | **75** |  | **100** | | | | | | | **100** | | | | | **240** | |
| Rural Craft | Candle making | 4 | 2 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | Tie & dye Batik Painting | 2 | 7 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | **Total** | **6** | **9** | **10** |  | **30** |  | **40** | | | | | | | **40** | | | | | **80** | |
| Income Generation | Goat rearing a good source of income | 4 | 7 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 80 | |
|  | Backyard Poultry farming a good source of income | 4 | 7 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 80 | |
|  | Vegetable production in SHG | 4 | 5 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 80 | |
|  | **Total-** | **12** | **19** | **20** |  | **60** |  | **80** | | | | | | | **80** | | | | | **240** | |
| Drudgery reduction | Drudgery reduction through Weeder in Paddy | 2 | 2 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | Drudgery reduction through Weedicide in vegetable Production | 2 | 2 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | Drudgery reduction by use of maize Sheller | 2 | 2 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | Drudgery reduction by use of improved Tech. in parboils rice | 2 | 2 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | Use of different Tools machine for dairy management | 2 | 2 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | **Total** | **10** | **10** | **25** |  | **75** |  | **100** | | | | | | | **100** | | | | | **200** | |
| Women &Child care | Use of pulses & local vegetable in child diet | 2 | 2 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | Vaccination and its role in Child Hygiene | 2 | 2 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | Preparation of balanced diet for children | 2 | 3 | 5 | - | 15 |  | 20 | | | | | | | 20 | | | | | 40 | |
|  | **Total** | **6** | **7** | **15** |  | **45** |  | **60** | | | | | | | **60** | | | | | **120** | |
| Use of Zero Tillage Technology | Use of ZT for DSR | 2 | 5 | 5 | - | 15 | 20 |  | | | | | | |  | | | | | 40 | |
|  | Use of zero tillage seed cum fertilizer drill for Maize, Lentil and Gram. | 2 | 7 | 5 | - | 15 | 20 |  | | | | | | |  | | | | | 40 | |
|  | Use of ridge bed seed drill for sowing vegetables. | 2 | 3 | 5 | - | 15 | 20 |  | | | | | | |  | | | | | 40 | |
|  | **Total** | **6** | **15** | **15** |  | **45** | **60** |  | | | | | | |  | | | | | **120** | |
| Integrated Pest Management | Grass hopper Control in Sugar Cane | 2 | 3 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Stem borer control in Scented Rice | 4 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 80 | |
|  | Control of pest & disease in Paddy | 4 | 3 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 80 | |
|  | BPH Control in Paddy | 4 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 80 | |
|  | IPM in Tomato, Brinjal & Chili | 2 | 7 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Gram pod borer Control | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Aphid management in mustard | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Control of mango hopper and powdery mildew in Mango | 2 | 3 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Biological control of shoot & fruit borer in Brinjal | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Thrips Control in Onion | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | **Total** | **26** | **28** | **50** |  | **150** | **200** |  | | | | | |  | | | | | | **520** | |
| Integrated Disease Management | BLB control in Rice | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Wilt control in Red gram | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | BLB control in Rice | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Control of Mango malformation | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Wilt Control in Lentil | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Control of early & late blight in Potato | 2 | 3 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | YVM disease control in Okra | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | **Total** | **14** | **15** | **35** |  | **105** | **140** |  | | | | | |  | | | | | | **280** | |
| Seed treatments | Seed treatment in Rice | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Seed treatment in Lentil | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Seed treatment in Potato | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Seed treatment in Wheat | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | Seed treatment in Vegetables | 2 | 2 | 5 | - | 15 | 20 |  | | | | | |  | | | | | | 40 | |
|  | **Total** | **10** | **10** | **25** |  | **75** | **100** |  | | | | | |  | | | | | | **200** | |

Rural Youths

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Total No**  **Of Course** | **Duration** | **No. of participants** | | | Total | | |  |
| **SC** | **ST** | **Others** | M | F | T | **G.T** |
| Seed Production | Seed Production of  rice Cv- R Sweta | 2 | 5 | 5 | - | 15 | 20 |  |  | 40 |
|  | Seed production techniques in Okra | 2 | 5 | 5 | - | 15 | 20 |  |  | 40 |
|  | Quality seed production  of sugarcane. | 2 | 7 | 5 | - | 15 | 20 |  |  | 40 |
|  | Seed Production of  Gram cv P-256 | 2 | 5 | 5 | - | 15 | 20 |  |  | 40 |
|  | Seed Production of  Lentil Cv- HUL-57 | 2 | 5 | 5 | - | 15 | 20 |  |  | 40 |
|  | **Total** | **10** | **27** | **25** |  | **75** | **100** |  |  | **200** |
| Integrated Farming | Scientific Plantation techniques of Marigold with Papaya | 2 | 5 | 2 | - | 18 | 20 |  |  | 40 |
|  | Intercropping of Marigold with Cole & tomato crops | 2 | 3 | 3 | - | 17 | 20 |  |  | 40 |
|  | **Total** | **4** | **8** | **5** |  | **35** | **40** |  |  | **80** |
| Commercial Fruit Cultivation | Scientific cultivation practices of tissue culture banana | 2 | 5 | 4 | - | 21 | 25 |  |  | 40 |
|  | **Total** | **2** | **5** | **4** | **-** | **21** | **25** |  |  | **40** |
| Nursery Management of Horticultural Crop | Lay-out of mother orchards & nursery beds in nursery raising. | **2** | **7** | 4 | - | 16 | 20 |  |  | 40 |
|  | **Total** | **2** | **7** | **4** | **-** | **16** | **20** |  |  | **40** |
| Small Scale Processing | Preparation of green mango pickle | 2 | 3 | 5 | - | 15 |  | 20 | 20 | 40 |
|  | Mango & Watermelon squace | 2 | 3 | 5 | - | 15 |  | 20 | 20 | 40 |
|  | Guava Jelly making | 2 | 3 | 5 | - | 15 |  | 20 | 20 | 40 |
|  | **Total** | **6** | **9** | **15** |  | **45** |  | **60** | **60** | **120** |
| Tailoring & Stitching | Tailoring | 2 | 45 | 5 | - | 15 |  | 20 | 20 | 40 |
|  | **Total** | **2** | **45** | **5** | **-** | **15** |  | **20** | **20** | **40** |
| Rural Craft | Candle making | 2 | 2 | 5 | - | 15 |  | 20 | 20 | 40 |
|  | Tie & dye, Batik painting | 2 | 7 | 5 | - | 15 |  | 20 | 20 | 40 |
|  | **Total** | **4** | **9** | **10** |  | **30** |  | **40** | **40** | **80** |

Extension functionaries

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Total No**  **Of Course** | **Duration** | **No. of participants** | | | **Total** | | | | **G.T.** |
| **SC** | **ST** | **Others** | **M** | **F** | | **T** |
| Productivity Enhancement in Field Crop | New vistas in summer pulses | 1 | 2 | 5 | - | 15 | 20 |  | |  | 20 |
|  | Advances in medicinal crop production | 1 | 5 | 5 | - | 15 | 20 |  | |  | 20 |
|  | Constraints of rice seeds production | 1 | 2 | 5 | - | 15 | 20 |  | |  | 20 |
|  | Advantage of SRI Techniques | 1 | 2 | 5 | - | 15 | 20 |  | |  | 20 |
|  | Techniques of FLD for higher oilseed production | 1 | 4 | 5 | - | 15 | 20 |  | |  | 20 |
|  | Scientific seed production Wheat crop. | 1 | 2 | 5 | - | 15 | 20 |  | |  | 20 |
|  | FLD for increasing production of Rabi pulse. | 1 | 4 | 5 | - | 15 | 20 |  | |  | 20 |
|  | Inter cropping in sugar cane with commercial crop | 1 | 2 | 5 | - | 15 | 20 |  | |  | 20 |
|  | Precautions in late sown Wheat seed production | 1 | 2 | 5 | - | 15 | 20 |  | |  | 20 |
|  | Modern concept of organic farming | 1 | 2 | 5 | - | 15 | 20 |  | |  | 20 |
|  | **Total** | **10** | **27** | **50** |  | **150** | **200** |  | |  | **200** |
| Protected Cultivation Technique | Advantage & technique of drip irrigation system in horticultural crop | 1 | 2 | 19 | - | 6 | 25 |  | |  | 25 |
|  | **Total** | **1** | **2** | **19** | **-** | **6** | **25** |  | |  | **25** |
| IPM | IPM in Paddy | 1 | 2 | 4 | - | 16 | 20 |  | |  | 20 |
|  | Integrated Termite Control | 1 | 2 | 4 | - | 16 | 20 |  | |  | 20 |
|  | IPM in Potato | 1 | 2 | 4 | - | 16 | 20 |  | |  | 20 |
|  | IPM in Lentil | 1 | 2 | 4 | - | 16 | 20 |  | |  | 20 |
|  | IPM in Onion | 1 | 2 | 4 | - | 16 | 20 |  | |  | 20 |
|  | **Total** | **5** | **10** | **58** |  | **92** | **150** |  | |  | **150** |
| Fruit Production | Scientific approach in tissue culture Banana | 1 | 2 | 5 | - | 15 | 20 |  | |  | 20 |
|  | **Total** | **1** | **2** | **5** | **-** | **15** | **20** |  | |  | **20** |
| Aromatic Cultivation | Cultivation of Japanese Mint & its distillation techniques | 1 | 7 | 6 | - | 24 | 30 |  | |  | 30 |
|  | Total | **1** | **7** | **6** | **-** | **24** | **30** |  | |  | **30** |
| Information Networking | Different rural development programme. | 1 | 2 | 5 | - | 15 | 20 |  |  | | 20 |
|  | **Total** | **1** | **2** | **5** | **-** | **15** | **20** |  |  | | **20** |
| Use of Zero Tillage Technology | Use of ZT seed cum fertilizer drill in Rice crops. | 1 | 4 | 5 | - | 15 | 20 |  |  | | 20 |
|  | Use of ZT drill in rice Wheat cropping system | 1 | 2 | 5 | - | 15 | 20 |  |  | | 20 |
|  | **Total** | 2 | 6 | 10 |  | 30 | 40 |  |  | | 40 |
| Formation of SHG | Fundamental of SHG for women empowerment | 1 | 2 | 5 | - | 15 | 20 |  |  | | 20 |
|  | **Total** | **1** | **2** | 5 | - | 15 | 20 |  |  | | 20 |
| Household food security | Development of nutritional garden for balance nutrition in rural areas | 1 | 2 | 5 | - | 15 | 20 |  |  | | 20 |
|  | **Total** | **1** | **2** | 5 | - | 15 | 20 |  |  | | 20 |
| Control of go down Pest | Control of go down insect in cereals storage | 2 | 2 | 5 | - | 15 | 20 |  |  | | 20 |
|  | **Total** | **2** | **2** | **5** | **-** | **15** | **20** |  |  | | **20** |
| Location Specific Drudgery reduction | Drudgery reduction through weedicide | 2 | 2 | 5 | - | 15 | 20 |  |  | | 40 |
|  | **Total-** | **2** | **2** | **5** | **-** | **15** | **20** |  |  | | **40** |

1. Sponsored

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Total No**  **Of Course** | **Duration** | **No. of participants** | | | **Total** | | | **G.T.** |
| **SC** | **ST** | **Others** | **M** | **F** | **T** |
| Seed Production | Seed Production of  rice Cv- R Sweta | 2 | 5 | 5 | - | 15 | 20 |  | 20 | 40 |
|  | Seed production techniques in Okra | 2 | 5 | 5 | - | 15 | 20 |  | 20 | 40 |
|  | Quality seed production  of sugarcane. | 2 | 7 | 5 | - | 15 | 20 |  | 20 | 40 |
|  | Seed Production of  Gram cv P-256 | 2  2 | 5 | 5 | - | 15 | 20 |  | 20 | 40 |
|  | Seed Production of  Lentil Cv- HUL-57 | 2 | 5 | 5 | - | 15 | 20 |  | 20 | 40 |
| Commercial Fruit Cultivation | Lay-out of mother orchards | 2 | 5 | 5 | - | 15 | 20 |  | 20 | 40 |
| Value addition | Cereal Seed Processing & Packaging | 2 | 2 | 5 | - | 15 |  | 20 | 20 | 40 |
| IPM | BPH Control in Paddy | 2 | 5 | 5 | - | 15 | 20 |  | 20 | 40 |
| IDM | Wilt Control in Lentil | 2 | 2 | 5 | - | 15 | 20 |  | 20 | 40 |
|  | Total | 18 | **41** | **45** |  | **135** | **160** | **20** | **20** | **360** |

1. Vocational

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Total No**  **Of Course** | **Duration** | **No. of participants** | | | **Total** | | | **GT** |
| **SC** | **ST** | **Others** | **M** | **F** | **T** |
| Production and Management technology | Scientific cultivation of Marigold | 2 | 4 | 5 | - | 15 | 20 |  |  | 40 |
| Medicinal & Aromatic Plant Nursery management | Scientific cultivation of Mentha | 2 | 2 | 5 | - | 15 | 20 |  |  | 40 |
| Commercial Fruit Cultivation | Scientific lay out for developing new Guava orchard | 4 | 2 | 5 | - | 15 | 20 |  |  | 40 |
| Rural Craft | Beautician & Parlor | 1 | 180 | 5 | - | 15 |  | 20 |  | 40 |
|  | **Total** | **9** | **188** | **20** | **-** | **60** | **60** | **20** |  | **160** |

\*Thematic area to be matched with annual report format

1. Frontline Demonstration

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Season** | **Crop** | **Variety** | **No. of demonstration** | **No. of area (ha)** |
| Kharif | Paddy | R. Sweta | 30 | 10.0 |
|  |  | Naveen | 20 | 5.0 |
|  | Bottle Gourd | N. Rashmi | 15 | 3.0 |
| Rabi | Lentil | HUL-57 | 20 | 5.0 |
|  | Gram | P-240 | 20 | 5.0 |
|  | Mustard | JD-6 | 20 | 5.0 |
|  | Wheat | DBW-14 | 20 | 10.0 |
|  | Vegetable Pea | Boron application | 25 | 5.0 |
| Summer | Okra | VRO-6 | 15 | 3.0 |
|  | Cowpea | CP-4 | 15 | 3.0 |

1. Seed and planting material production

|  |  |  |  |
| --- | --- | --- | --- |
| **Seed** | | **Planting material** | |
| **Crop** | **Area (ha)** | **Crop** | **Area** |
| Paddy | 250 |  |  |
| Wheat | 425 |  |  |
| Lentil | 40 |  |  |
| Gram | 90 |  |  |
| Green Gram | 50 |  |  |
| Sugar Cane | 22 |  |  |

1. Extension Activities

|  |  |  |
| --- | --- | --- |
| **Activities** | **No.** | **Participation** |
| FIELD DAYS | 10 | 550 |
| Kishan Mela | 5 | 5000 |
| DIAGNOSTIC SERVICES | 30 | 900 |
| FARMERS VISIT TO KVK |  | 5600 |
| PUBLICATION & DISTRIBUTION | 40 | 12000 |
| KISHAN GOSTHI | 8 | 2000 |
| KISHAN MELA | 5 | 8000 |
| DD / RADIO TALK | 15 |  |
| FILM SHOW | 120 |  |

1. Revolving Fund in (Rs.)

|  |  |  |
| --- | --- | --- |
| **Open balance (2011-12)** | **Amount to be invested** | **Return** |
| 2115 | 1,56,037 | 2,50,000 |
|  |  |  |

1. Expected fund utilization-NA

|  |  |  |
| --- | --- | --- |
| Project | Source | Amount to be received (Rs. In lakh) |
|  |  |  |
|  |  |  |

1. On-farm trials to be conducted

|  |  |  |  |
| --- | --- | --- | --- |
| Thematic Area | Title | Treatments | No. of farmers |
| Cropping System | Evaluation of Suitable Rice cultivar for upland condition | Farmers Practice i.e. cultivation of P- 834  Tech. Option 1 – Cultivation of Naveen  Tech. Option2 – Cultivation of Sahbhagi | 20 |
| Cropping System | Yield maximization in Rice based on Soil Test basis | Farmers Practice i.e. their own fertilization application  Tech. Option 1 – Fertilization application as per University recommendation  Tech. Option2 – Fertilization application as per Soil Test basis | 20 |
| Cropping System | Evaluation of Suitable Okra for YVMV resistance | Farmers Practice i.e. Local cultivar Tech. Option 1 – Cultivation of Swarn Rekha  Tech. Option2 – Cultivation of Parwati | 20 |
| IPM | Evaluation of Suitable wheat cultivar for late condition | Farmers Practice i.e. Local cultivar i.e. HUW 234.  Option 1– Cultivation of HD 2643  Tech. Option 2 – Cultivation of WH 2045 | 20 |

1. List of projects to be implemented -NA

|  |  |
| --- | --- |
| Name of the project | Fund expected (Rs.) |
|  |  |
|  |  |

1. Number of success stories to be developed

a) Paddy Seed Production

b) Pulses Seed Production

c) Commercial Floriculture of Tube Rose

d) Commercial Vermi Composting

e) Commercial cultivation of Turmeric

1. Scientific Advisory Committee

|  |  |
| --- | --- |
| Date of SAC meeting held during 2010-12 | Proposed date |
|  | July 2012 |

1. Soil and water testing

|  |  |
| --- | --- |
|  | No. of sample to be analyzed |
| Soil | 3500 |
| Plant | - |
| Manure | - |

1. Staff position

|  |  |  |
| --- | --- | --- |
| Sanctioned | In position | If vacant, since when |
| Programme Co-ordinator | 2.06.2001 (Dr. P. K. Dwivedi) |  |
| SMS (Hort.) | 9.10.1996 (Sri Nilesh Kumar) |  |
| SMS (H. Sc.) | 11.08.2001 (Smt. Supriya Verma) |  |
| SMS (PBG) |  | 19.07.2004 |
| SMS (Ag. Extn.) |  | 02.08.2001 |
| SMS (PP) |  | 19.07.2004 |
| SMS (Vet. A.H.) |  | Since Inception |
| Programme Assistant | 7.12.2000 (Sri S. B. K. Shashi) |  |
| Prog. Asstt. (Computer) | 01.01.2001 (Sri Pankaj Kumar) |  |
| Farm Manager | 6.02.2001(Sri Sunil Kumar) |  |
| Office Suptd-cum-Acctt. | 4.10.2001(Sri Sita Ram Prasad) |  |
| Jr. Stenographer | 18.12.2000 (Sri RadhaKrishan Nair) |  |
| Driver | 2.12.2000 (Sri Mahbir Ram) |  |
| Driver | 6.12.2000 (Sri Gopal Kumar) |  |
| Supporting Staff | 7.06.2001(Smt. Baby Kumari) |  |
| Supporting Staff |  | 07.09.2008 |

1. Status of infrastructure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Infrastructure | Complete | Under Constriction | Not started | Reasons, if not started |
| Administrative Building | Complete |  |  |  |
| Trainees hostel | Complete |  |  |  |
| Staff Quarter | Complete |  |  |  |
| Demonstration Unit  Poultry Unit | Complete |  |  |  |
| Distillation Unit for Medicinal & Aromatic plant | Complete |  |  |  |
| Vermi Compost Unit | Complete |  |  |  |

1. Fund requirement and expenditure (Rs.)

|  |  |  |
| --- | --- | --- |
|  | Expenditure (last year) | Expected requirement  (Rs.in Lakhs) |
| **Recurring**  Pay & allowance  Contingency  TA |  |  |
| **Non-recurring (specify)**  Library  Works  Equipment |  |  |
| **Total** |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ABSTRACT OF TRAINING PROGRAMMES TO BE CONDUCTED**  **(April, 2012-March 2013).** | | | | | | | |
| **Sl. No.** | **Discipline** | **No. of Courses** | **Duration  (Days)** | **Total**  **Trainee  Days** | **No. of  Participants** | | **Total** |
|  |  |  |  |  | **Men** | **Women** |  |
| **A.** | **FOR PRACTICING FARMERS** | |  |  |  |  |  |
| 1 | Crop Production  a) Weed Management  b) Resource Conservation Technologies  c) Cropping System  d) Water management  e) Seed production  f) Nursery management  g) Fodder production  h) Production of organic inputs  **TOTAL** | 6  11  3  9  6  6  2  6  **49** | 12  8  12  21  42  8  8  38  **149** | 360  440  240  680  840  480  160  900  **4100** | 120  60  60  100  120  40  40  120  **660** | -  -  -  -  -  -  -  -  - | 120  60  160  100  120  40  40  120  **660** |
| 2 | Vegetable Production  a) Production of low volume and high value  crops  b)Nursery raising  c) Seed Production  d) Weed Control  **TOTAL**  Fruit Production  a) Layout and management of Orchards  b) Cultivation of Fruits  c) Rejuvenation of old orchards  **TOTAL**  Ornamental plants  Plantation crops  Tuber crops  Medicinal & Aromatic Plants  P.H.T.& Value Addition. TOTAL | 11  6  4  6  **27**  2  7  2  **11**  2  1  1  1  2  **7** | 47  9  20  6  **82**  14  17  6  **37**  8  15  15  5  4  **47** | 940  360  400  240  **1940**  280  340  120  **740**  160  300  300  100  80  **940** | 220  60  80  60  **420**  40  100  40  **180**  40  20  20  20  40  **140** | -  -  -  -  -  -  -  -  -  -  -  -  -  -  - | 220  60  80  60  **420**  40  100  40  **180**  40  20  20  20  40  **140** |
| Soil Health & Fertility Management  a) Soil fertility management  b) Integrated Nutrient Management  c) Production and use of Bio fertilizer  d) Micro nutrient  e) Soil & water Testing  f) Land Leveling  **TOTAL** | 5  4  2  4  6  4  **25** | 10  13  4  8  6  4  **45** | 200  260  80  160  240  160  **1100** | 100  80  40  80  60  40  **400** | -  -  -  -  -  - | 100  80  40  80  60  40  **400** |
| 3 | Agriculture Extension  a) Formation of Farm Science Club | 2 | 6 | 120 | 40 | - | 40 |
| 4 | Home Science  a) Household kitchen gardening  b) Designing and development of low cost diet  c) Gender mainstreaming through SHGs  d) Storage loss techniques  e) Value addition  f) Rural Crafts  g) Income generation  h) Drudgery Reduction  i) Women & child care  **TOTAL** | 4  8  8  16  6  4  4  10  5  **65** | 10  8  8  8  39  9  26  10  7  **125** | 400  320  320  640  840  230  520  400  220  **3890** | - | 40  40  40  80  100  40  80  100  60  **580** | 40  40  40  80  100  40  80  100  60  **580** |
| 5 | Agril. Engineering  a) Use of Z.T. in different situation | 5 | 6 | 200 | 60 | - | 60 |
| 6 | Plant Protection  a) Integrated Pest Management  b) Integrated Disease Management  c) Seed Treatment  **TOTAL** | 12  7  4  **23** | 28  15  8  **51** | 740  300  160  **1200** | 200  140  80  **420** |  | 200  140  80  **420** |
|  | **Total A** | **191** | **497** | **13030** | **1900** | **580** | **2480** |
| **B.** | **FOR RURAL YOUTHS** | |  |  |  |  |  |
| 1 | Seed Production | 3 | 17 | 365 | 60 |  | 60 |
| 2 | Integrated farming | 2 | 8 | 160 | 40 |  | 40 |
| 3 | Commercial fruit cultivation | 1 | 5 | 125 | 25 |  | 25 |
| 4 | Nursery management of hort. crop | 1 | 7 | 140 | 20 |  | 20 |
| 5 | Small scale processing | 3 | 9 | 180 |  | 45 | 45 |
| 6 | Tailoring & Stitching | 2 | 225 | 4500 |  | 40 | 40 |
| 7 | Rural Crafts | 4 | 9 | 230 |  | 40 | 40 |
|  | **Total** | **16** | **280** | **5700** | **145** | **125** | **270** |
| **C.** | **EXTENSION FUNCTIONARIES** |  |  |  |  |  |  |
| 1 | Productivity Enhancement in field crop | 10 | 27 | 580 | 200 |  | 200 |
| 2 | Protected cultivation Technique | 1 | 2 | 50 | 25 |  | 25 |
| 3 | IPM | 5 | 10 | 200 | 100 |  | 100 |
| 4 | Fruit Production | 1 | 2 | 40 | 20 |  | 20 |
| 5 | Aromatic Cultivation | 1 | 2 | 40 | 20 |  | 20 |
| 6 | Information Networking | 1 | 2 | 40 | 20 |  | 20 |
| 7 | Use of ZT | 2 | 4 | 80 | 40 |  | 40 |
| 8 | Formation of SHG | 1 | 2 | 40 | 20 |  | 20 |
| 9 | House hold food security | 1 | 2 | 40 | 20 |  | 20 |
| 10 | Control of go down pest | 1 | 2 | 40 | 20 |  | 20 |
| 11 | Location specific drudgery reduction | 2 | 2 | 40 | 20 |  | 20 |
|  | **Total** | **26** | **57** | **1190** | **505** |  | **505** |
|  | **GRAND TOTAL (A+ B+ C)** | **233** | **834** | **19920** | **2550** | **705** | **3255** |

Abstract of Estimated Expenditure under Training

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl.No** | **Clientele** | **Total no of Training Days** | **Estimated Expenditure on meal @ Rs 40/trainee** | **Total no of Trainee** | **Literature/Training material/Pen, Pad, Folder@ Rs 50/trainee** | **Gross Total** |
| 1 | Practicing Farmer | 13030 | 521200 | 2480 | 126450 | 647650 |
| 2 | Rural Youth | 5700 | 228000 | 270 | 13500 | 241500 |
| 3 | Extension Functionaries | 1190 | 47600 | 505 | 25250 | 72850 |
|  | **Grand Total** | **19920** | **796800** | **3255** | **165200** | **962000** |

Abstract of Estimated Expenditure under FLD

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.No** | **Season** | **Crop** | **Area**  **(ha)** | **Rate of Seed/Chemical/ha** | **Total Quantity in Kg** | **Rate**  **(Rs.)** | **Total Cost**  **(Rs.)** |
| 1 | Kharif 2012 | Paddy | 15.0 | 30.0Kg | 450.0 | 24 | 10800.00 |
| 2 | Rabi 2012 | Wheat | 10.0 | 120.0 | 1200.0 | 24 | 28800.00 |
| 3 | -d0- | Lentil | 5.0 | 40.0 | 200.0 | 70 | 14000.00 |
| 4 | -d0- | Gram | 5.0 | Sulphur@20.0 | 100.0 | 50 | 5000.00 |
| 5 | -d0- | Mustered | 5.0 | Sulphur@20.0 | 100.0 | 50 | 5000.00 |
| 6 | -d0- | Vegetable pea | 5.0 | 100.0 | 500.0 | 70 | 35000.00 |
| 7 | Sumer 2013 | Cowpea | 3.0 | 25.0 | 75.0 | 200 | 15000.00 |
| 8 | -do- | Okra | 3.0 | 8.0 | 240.0 | 200 | 48000.00 |
|  | **Grand Total** |  | **51.0** |  |  |  | **161600.00** |

Abstract of Estimated Expenditure under FLD

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl No | Crop and situation | Area  (ha) | Partici  pants | Rate and total requirement of Seed/  Chemical | Cost of Seed/  Chemical /Kg/(Rs.) | Total Cost  (Rs.) | Gross Total  (Rs.) |
| 1 | Evaluation of Upland Paddy | 9.0 | 20 | @30 Kg/ha-  270 Kg | 24.00 | 6480.00 |  |
|  | Seed treatment |  |  | @ 2g Carbandazim/  Kg Seed -540 gram | 60.00/  50 g | 660.00 |  |
|  | Soil testing |  | 20 |  | Rs.100 each | 2000.00 | 9140.00 |
| 2 | Response of Paddy on Soil Test Value | 9.0 | 20 | Fertilizer |  |  |  |
|  |  |  |  | a. Urea  1000.0 Kg | 6.00 | 6000.00 |  |
|  |  |  |  | b. DAP  500.0 Kg | 25.00 | 12500.00 |  |
|  |  |  |  | c. MOP  500.0 Kg | 18.00 | 9000.00 |  |
|  |  |  |  | d. Zinc  90.0 Kg | 100.00 | 9000.00 |  |
|  |  |  |  | e. Boron  90.0 Kg | 100.00 | 9000.00 |  |
|  | Soil testing |  | 20 |  | Rs.100 each | 2000.00 | 47500.00 |
| 3 | Evaluation of Okra against YVMV | 6.0 | 20 | @8 Kg/ha-48Kg | 200.00 | 9600.00 |  |
|  | Seed treatment |  |  | a. @ 2g/ Carbandazim Kg Seed -96 gram | 60.00/  50 g | 120.00 |  |
|  |  |  |  | b. @ 8 ml Clorpiryphos 384ml | 40.00/  100 ml | 160.00 |  |
|  | Soil testing |  | 20 |  | Rs.100 each | 2000.00 | 11880.00 |
| 4 | Evaluation of Wheat for late sown condition | 9.0 | 20 | @120Kg/ha-1080 Kg | 26.00 | 28080.00 |  |
|  | Seed treatment |  |  | a. @ 2g/ Carbandazim Kg Seed -2160 gram | 60.00/  50 g | 2580.00 |  |
|  | Soil testing |  | 20 |  | Rs.100 each | 2000.00 | 32660.00 |
|  | Grand Total |  |  |  |  |  | 101180.00 |