**PROFORMA FOR ANNUAL REPORT 2013-14**

**(FOR THE PERIOD APRIL 2013 TO MARCH 2014)**

**KRISHI VIGYAN KENDRA (GULBARGA-A)**

PART I - GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| KVK Address | Telephone | | E mail | **Web Address** |
| Office | Fax |
| Krishi Vigyan Kendra, Gulbarga-A (Raddewadagi)  Post: Raddewadagi,  NH Road -213 Tq. Jewargi Dist. Gulbarga | 08442-290108 | - | [pckvkrwd@gmail.com](mailto:pckvkrwd@gmail.com) | [www.kvkrwd.org](http://www.kvkrwd.org) |

1.2 .Name and address of host organization with phone, fax and e-mail

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Address | Telephone | | E mail | **Web Address** |
| Office | Fax |
| University of Agricultural Sciences  P.B.No.329  Raichur– 584102  Karnataka -India | 08532-221444 | 08532-220444 | [vcuasr10@rediffmail.com](mailto:vcuasr10@rediffmail.com)  [bvp2001@rediffmail.com](mailto:bvp2001@rediffmail.com) | [www.uasraichur.edu.in](http://www.uasraichur.edu.in) |

1.3. Name of the Programme Coordinator with phone & mobile No

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Telephone / Contact | | |
| Residence | Mobile | Email |
| Dr.Shivasharanappa B. Goudappa | - | 9480696348 | [drrajubdr@yahoo.com](mailto:drrajubdr@yahoo.com) |

1.4. Year of Sanction: 1-1-2012

1.5. Staff Position (as 31st March 2014)

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Sanctioned post** | **Name of the incumbent** | **Designation** | **M/F** | **Discipline** | **Highest Qualification**  **(for PC, SMS and Prog. Asstt.)** | **Pay**  **Scale** | **Basic pay** | **Date of joining KVK** | **Permanent**  **/Temporary** | **Category (SC/ST/**  **OBC/**  **Others)** |
| 1 | Programme Coordinator | Dr. S. B. Goudappa | Agril. Extension | M | Agril. Extension | M.Sc (Agri) Ph.D | 37400-67000 | 10000 | 03-1-2012 | Permanent | Others |
| 2 | Subject Matter Specialist | Dr. Ravikumar A | Sericulture against Soil Science | M | Sericulture against Soil Science | M.Sc (Sri.) Ph.D | 15600-39100 | 6000 | 05-1-2012 | Permanent | SC |
| 3 | Subject Matter Specialist | Dr. A S Police Patil | Agronomy | M | Agronomy | M.Sc (Agri) Ph.D | 21600/ | | 15-6-2013 | Temporary | Others |
| 4 | Subject Matter Specialist | Mr. Baswaraj Biradar | Agril. Entomology | M | Agril. Entomology | M.Sc (Agri) | 21600/ | | 14-6-2013 | Temporary | Others |
| 5 | Subject Matter Specialist | Ms. Deepa | Plant Pathology | - | Plant Pathology | M.Sc (Agri) | 21600/ | | 23-9-2013 | Temporary | ST |
| 6 | Subject Matter Specialist | Mr. Arif A. Agasimani | Horticulture | - | Horticulture | M.Sc (Horti) | 21600/ | | 15-6-2013 | Temporary | Others |
| 7 | Subject Matter Specialist | Vacant | Animal Science | - | - | - | - | - | - | - | - |
| 8 | Programme Assistant | Vacant | Lab. Technician | - | Lab. Technician | - | - | - | - | - | - |
| 9 | Computer Programmer | Mr. Sanjeevkumar Patil | Computer | M | Computer | P.G.D.C.A | 9300-34800 | 4200 | 04-07-2012 | Permanent | Others |
| 10 | Farm Manager | Mr. Sharangoud Patil | Farm Manager | - | Farm Manager | - | 17650 | - | 01-06-2013 | - | Others |
| 11 | Accountant/Superintendent | Vacant | - | - | - | - | - | - | - | - | - |
| 12 | Stenographer | Mr. Ravi | Typist cum Comp Operator | M | Typist cum Comp Operator | - | 16200- | - | 27-01-2012 | Permanent | ST |
| 13 | Driver 1 | Mr. Manunath S | Driver | M | LV Driver | - | 7200 | - |  | Temporary | Others |
| 14 | Driver 2 | Vacant | - | - | - | - | - | - | - | - | - |
| 15 | Supporting staff 1 | Mr. Somshekaryya | Attendant | - | Attendant | - | 16200 |  | 01-06-2013 | Permanent | Others |
| 16 | Supporting staff 2 | Mr. Shahebgouad | Cook cum care taker | - | Cook cum care taker | - | 9600 |  | 01-06-2013 | Permanent | Others |

**1.6. Total land with KVK (in ha) :** 21.26 ha

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Item** | **Area (ha)** |
| 1. | Under Buildings | 2.0 |
| 2. | Under Demonstration Units- IFS, Sericulture and Vermicompost | 2.0 |
| 3. | Under Crops | 17.26 |
| 4. | Orchard/Agro-forestry | - |
| 5. | Others | - |

**1.7. Infrastructural Development:**

1. **Buildings**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Name of building** | **Source of**  **funding** | **Stage** | | | | | |
| **Complete** | | | **Incomplete** | | |
| **Completion**  **Date** | **Plinth area (Sq.m)** | **Expenditure (Rs.)** | **Starting Date** | **Plinth area**  **(Sq.m)** | **Status of construction** |
| 1. | Administrative  Building | ICAR, New Delhi | 28-10-2013 | 550 | Completed | - | - | - |
| 2. | Farmers Hostel | ICAR, New Delhi | - | - | - | - | - | - |
| 3. | Staff Quarters | ICAR, New Delhi | - | - | - | - | - | - |
|  | 1 |
|  | 2 |
|  | 3 |
|  | 4 |
|  | 5 |
|  | 6 |
| 4. | Demonstration Units | - | - | - | - |  |  |  |
| 5 | Fencing (Solar) | DE, UASR | 30-03-2013 | 3 acre | 45000 |  |  |  |
| 6 | Rain Water harvesting system | - | - | - | - |  |  |  |
| 7 | Threshing floor | DR, UASR- | 10-12-2013 | 90 | 250000 |  |  |  |
| 8 | Farm godown | - | - | - | - |  |  |  |

B) Vehicles

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type of vehicle** | **Year of purchase** | **Cost (Rs.)** | **Total kms. Run** | **Present status** |
| Bolero Jeep | 2012 | 625338 | 56477 | Good |
| Tractor Mahindra | 2012 | 637595 | 425 | Good |
| Motor Cycle (Hero Splandor Pro)  KA 32 7590 | 2012 | 47069 | 10320 | Good |
| Motor Cycle (Hero Splandor Pro) KA 32 7590 | 2012 | 47069 | 7818 | Good |

1. **Equipments & AV aids**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the equipment** | **Year of purchase** | **Cost (Rs.)** | **Present status** |
| Computer with accessories- 2 Nos | 2012 | 74970 | Good condition |
| LCD Projector with wall mount screen | 2012 | 99750 | Good condition |
| Xerox Taskalfa 180 with accessories | 2012 | 91654 | Good condition |
| Sony Video camera with accessories | 2012 | 24990 | Good condition |
| Canon Scanner with accessories | 2012 | 3255 | Good condition |
| Public addressing system | 2012 | 41212 | Good condition |
| HP Office Jet all in one | 2012 | 9900 | Good condition |
| Refrigerator | 2013 | 24900 | Good condition |
| HP Laser printer all in one | 2013 | 13100 | Good condition |
| Sony cyber shot 18.2 Mega pixel | 2013 | 19790 | Good condition |
| D-link switch 16 port | 2013 | 3500 | Good condition |
| HDD External 1TB | 2013 | 6550 | Good condition |
| Presentation changer | 2013 | 3450 | Good condition |

**1.8. Details SAC meeting conducted in 2013-14**

1. Date : 24.8.2013 Number of Participants : 20 No. of absentees : 14

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Salient Recommendations** | **Action taken** |
| **Dr.M.J.Chandregouda, Principal Scientist, ZPD, Zone-VIII, Bangalore** | | |
| 1 | * Soil and Water sample analysis for each OFT & FLD plots. | Done |
| * The best practices practiced by the farmers are to be documented | To be documented & it will be done in the month of March & April 2014 |
| * The much of the mandate activities of KVK (OFT and FLDs) are to be concentrated on one or two potential villages to avoid much of time putting in travelling. | The Present Action Plan is prepared keeping this in mind |
| * The Subject Matter Specialist must visit the best KVKs such as KVK, Gadag and Dharwad to plan demonstration units, group formation and there linking to the market. | It will be attended in the month of April & May 2014 |
| * To prepare a master plan propionate a scale comprising of different demonstration units indicating support required by ICAR and UAS or any other funding agencies. | It is in the process |
| * He asked to plan the educative programmes for the use of weedicides as a last resort of weed management. The feedback of the farmers reveled that, use of weedcide is having photo effect on crops and animals | In each Extension activities it has been emphasized very much that always use of chemicals either weedicide or pesticides or fertilizers may cause damage to soil health Hence, educated the farmers on judicious use of weedicide |
| **Dr.K.P. Vishwanath, Director of Extension, UAS, Raichur.** | | |
| 2 | * He suggested to purchase the rotovator for KVK for crop residue management. | The rotovator procured from Agricultural Engineering College, Raichur and put to use on KVK farm |
| * He suggested that, compulsorily to take soil test before sowing and harvesting demonstration plot. | This is attending on priority |
| * He suggested to send the project proposal for chawki raring centre including building and mulberry garden at KVK, Raddewadagi to get the financial Assistance from the department of Sericulture within one month and also suggested to develop a mulberry cutting bank on KVK farm. | This is in the process |
| * Ask to assist the organic fertilizers samples collected by the Department of Agriculture for analysis of organic fertilizers at other KVK soil testing laboratory. | This will be attended |
| * Emphasis much on the important issues such as livestock insurance, crop insurance, malnutrition and income generate activities for farmers and self help group members. | In the Action plan of 2014-15 we are addressing this kind of problems/issues |
| **Mr.Rajanna, Assistant Director of Agriculture, Jewargi.** | | |
| 3 | He requested to know the soil testing laboratory in order to check fake organic fertilizers prevailing in the market. | This will be attended |
| **Mr.S.A.Biradar, Deputy Director, Department of Sericulture, Gulbarga** | | |
| 4 | * He suggested to take up at least two acres of land for producing mulberry cutting bank for the benefits of farmers. | In small already we have established mulberry cutting bank and days to come it will be extended for one ha to meet the quality mulberry cuttings of the farming community in the district. |
| * He suggested to establish chawki rearing centre on the KVK farm. | It will be attended on priority |
| **Smt.Archana, Dhana Foundation, Jewargi** | | |
| 5 | Plan the calendar of training activities i.e week wise, month wise well in advance to encourage the wider participation of farmers in the training programmes. | Training calendar for 2014-15 will be published in the month of April 2014 |
| **Mr.Somanathreddy Purma, Progressive farmers, Post: Kodla, Tq: Sedam** | | |
| 6 | * He asked to draft more training programmes on minor millets, bio gas production, fodder production, soil test etc., in the forthcoming season. | This has been taken care in the Action plan of 2014-15 |
| **Mr.Siddaramappa Patil, President, Kurashiki Samaja, Gulbarga** | | |
| 7 | * To sustain or attract the youths towards the agriculture draw especial programme for the youth on income generating activities such as a vermicomposting, dairy, poultry, sheep and goat rearing etc., | A good number of training organized for youths and its intensity will be emphasized more in 2014-15 |
| * He suggested to have educative programmes on use of weedcides. | It will be attended on priority |

**PART II - DETAILS OF DISTRICT**

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

|  |  |
| --- | --- |
| S. No | Farming system/enterprise |
| Rained Situation | |
| 1 | Greengram – Rabi Sorghum / Sunflower/ Bengalgram/ Safflower |
| 2 | Blackgram-Sunflower |
| 3 | Redgram |
| 4 | Bajra – Bengalgram |
| 5 | Bajra/ Kharif sorghum+ Pigeon Pea |
| 6 | Sesame |
| 7 | Sesame+ Foxtail millet |
| 8 | Foxtail millet/ + Redgram |
| 9 | Goat, Sheep, Cows and Buffalos rearing |
| 10 | Cotton |
| Irrigated Situation | |
| 12 | Paddy based cropping system |
| 13 | Cotton |
| 14 | Sugarcane |
| 15 | Sunflower – Maize – Groundnut |
| 16 | Vegetables – Brinjal, Leafy vegetables, Ladies finger, Cluster beans, Onion etc |
| 17 | Chilli |
| 18 | Dairying |
| 19 | Mulberry |

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

|  |  |  |
| --- | --- | --- |
| Sl.  No | Agro-climatic Zone | Characteristics |
| 1 | Zone-II North Eastern Dry Zone | Comprises total area of 17.65 lakh ha, out of that 13.27 lakh ha is cultivable. Receives on an average of annual rain fall of 710 mm. Highest temperature from 43o to 44oc is recorded in the month of April & May. The soil of this region comprises medium deep to deep block soils and light red soils. Area under irrigation is 1.56 lkah ha comprising of 11.9 % of total cultivable area. The main source of irrigation is from UKP canal in addition to tube wells, barrages and wells. |

|  |  |  |
| --- | --- | --- |
| Sl.  No | Agro ecological situation | Characteristics |
| 1 | Rain fed (88.1%) | The soils are medium to deep black and the crops grown are Redgram Foxtail millet, Rabi Jowar, Greengram, Bengalgram, minor millets and Cotton. |
| 2 | Irrigated (11.9%) | The soils of this area is medium to deep black soil specially in Jewargi taluk The crops grown are Paddy, Maize, Redgram, Bengalgram, Sunflower, Groundnut, Chilli and Cotton, under horticulture crops Vegetables, Banana and Lime are important. |

**2.3 Soil type/s**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No | Soil type | Characteristics | Area in  (‘000 ha) |
| 1 | Deep black soils | Highly contains clay particles | 390 |
| 2 | Shallow mixed black soils | Clay mixed with loam particles | 372 |
| 3 | Medium to Deep alluvial soils | Black calcareous mix | 218 |
| 4 | Very shallow soils | Alluvial loamy | 49 |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S. No | Crop | Area in (ha) | Production (Metric tons) | Productivity (kg /ha) |
| 1 | Paddy | 3963 | 13193 | 3329.00 |
| 2 | Bajra | 20942 | 10614 | 506.82 |
| 3 | Maize | 6959 | 5718 | 821.66 |
| 4 | Sorghum | 207898 | 244578 | 850.02 |
| 5 | Wheat | 16516 | 22305 | 1350.52 |
| 6 | Other minor millets | 25 | 8.0 | 320.00 |
| 7 | Groundnut | 7546 | 4636 | 614.36 |
| 8 | Sunflower | 35731 | 20719 | 580.15 |
| 9 | Safflower | 5880 | 9398 | 1598.20 |
| 10 | Redgram | 370523 | 132987 | 358.90 |
| 11 | Bengalgram | 166956 | 133464 | 799.39 |
| 12 | Greengram | 21905 | 1464 | 66.83 |
| 13 | Blackgram | 30220 | 1058 | 35.00 |
| 14 | Cotton | 26496 | 12206 | 460.67 |
| 15 | Sugarcane | 25917 | 1177361 | 45428.10 |

**Source**: Dist. Statistical Department Gulbarga 2011-12

**Area production of Horticulture crop**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl. No | Crop | Area (ha) | Production (tons/ha ) | Productivity (tons/ha ) |
| 1 | Mango | 1715.00 | 13697.00 | 7.99 |
| 2 | Banana | 3838.00 | 102806.00 | 26.79 |
| 3 | Lemon | 863.00 | 19754.00 | 22.89 |
| 4 | Sweet orange | 188.00 | 3017.00 | 16.05 |
| 5 | Guava | 127.00 | 2956.00 | 23.28 |
| 6 | Sapota | 168.00 | 1858.00 | 11.06 |
| 7 | Pomegranate | 146.00 | 1448.00 | 9.92 |
| 8 | Papaya | 423.00 | 29774.00 | 70.39 |
| 9 | Grape | 483.50 | 8247.50 | 17.06 |
|  | Total fruits | **7951.00** | **1835575.50** | **205.43** |
| 10 | Tomato | 1215.00 | 26254.00 | 21.61 |
| 11 | Brinjal | 434.00 | 9973.00 | 22.98 |
| 12 | Beans | 108.00 | 950.00 | 8.80 |
| 13 | Onion | 1854.00 | 39864.00 | 21.50 |
| 14 | Chilli | 1408.00 | 12414.00 | 8.82 |
| 15 | Cabbage | 81.00 | 1041.00 | 12.85 |
| 16 | Cali flower | 56.00 | 644.00 | 11.50 |
| 17 | Lady’s finger | 301.00 | 2470.50 | 8.21 |
| 18 | Radish | 215.00 | 2062.00 | 9.59 |
| 19 | Carrot | 208.00 | 4106.00 | 19.74 |
| 20 | Total gourds | 659.00 | 8034.30 | 12.19 |
| 21 | Watermelon | 299.00 | 6400.00 | 21.40 |

**Source**: Dept of Horticulture 2011-12

**2.5. Weather data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Month | Rainfall (mm) | Temperature 0 C | | Relative Humidity (%) | |
| Maximum | Minimum |
| April-2013 | 27 | 40.43 | 22.43 | 65.54 | 28.57 |
| May-2013 | 42 | 42.07 | 24.79 | 56.33 | 23.76 |
| June-2013 | 106 | 36.50 | 20.57 | 80.33 | 46.89 |
| July-2013 | 76 | 31.50 | 19.43 | 90.33 | 65.79 |
| August-2013 | 60 | 30.64 | 18.79 | 88.50 | 62.43 |
| September-2013 | 298 | 31.43 | 19.00 | 88.29 | 69.94 |
| October-2013 | 69 | 31.10 | 19.20 | 84.46 | 67.40 |
| November-2013 | 0 | 30.71 | 11.07 | 74.36 | 52.21 |
| December-2013 | 0 | 30.57 | 7.79 | 73.51 | 43.07 |
| January-2014 | 0 | 30.06 | 13.19 | 69.56 | 49.82 |
| February-2014 | 0 | 31.80 | 14.86 | 60.68 | 51.73 |
| March-2014 | 15 | 34.81 | 18.50 | 63.33 | 55.64 |
| Total | 693 | - | - | - | - |

\* Source Department of Agriculture & 2013-14 statistics of Gulbarga District

**2.6 Production and productivity of livestock, Poultry, Fisheries etc. in the district**

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | **Population** | **Production** | **Productivity** |
| **Cattle** | | | |
| *Crossbred* | 11,346 | - | - |
| *Indigenous* | 5,05,407 | - | - |
| **Buffalo** | 1,18,740 | - | - |
| **Sheep** | | | |
| Crossbred | - | - | - |
| *Indigenous* | 1,01,973 |  |  |
| **Goats** | 4,11,412 | - | - |
| **Pigs** |  |  |  |
| *Crossbred* | - | - | - |
| *Indigenous* |
| **Rabbits** | 36 | - | - |
| **Poultry** | | | |
| Hens | 483433 | - | - |
| *Desi* |
| *Improved* |
| Ducks | - |  |  |
| Turkey and others | 904 |  |  |
| **Category** | **Area** | **Production** | **Productivity** |
| Fish | **-** | **-** | **-** |
| *Marine* | **-** | **-** | **-** |
| *Inland* | **-** | **-** | **-** |
| Prawn | **-** | **-** | **-** |
| Scampi | **-** | **-** | **-** |
| Shrimp | **-** | **-** | **-** |

**2.7 District profile has been updated for 2013-14**  Yes / No: Yes

**2.8 Details of Operational area / Villages**

| **Sl.**  **No** | **Taluk** | **Name of the block** | **Name of the village** | **How long the village is covered under operational area of the KVK (specify the years)** | **Major crops & enterprises** | **Major problem identified** | **Identified Thrust Areas** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Jewargi | Jewargi & Narboli | Kobal, Mandarwad & Yangunti | New | Sugarcane | Sole crop | Intercrop |
| 2 | Jewargi | Nelogi & Andola | Sonna& Ganwar | One year | Cotton | Sole crop | Intercrop |
| 3 | Jewargi | Nelogi & Jewargi | Aralagundige & Kattisangavi | New | Mulberry | Imbalanced nutrient application | INM |
| 4 | Jewargi | Andola | Kellur & Andola | One year | Sorghum | * Lack of good quality seed * No seed treatment | Improved variety |
| 5 | Jewargi | Andola | Chigralli cross & Mudbol K | New | Paddy | Imbalance of nutrient management | INM |
| 6 | Jewargi | Andola | Jainapur, Kellur & Ganwa | New | Foxtail millet | Use of low yielding varieties | Improved variety |
| 7 | Jewargi | Nelogi & Ijeri | Sonna, Mandewal & Ijeri | New | Groundnut | * Use of low yielding varieties and shriveled seed kernels * Imbalanced use of nutrients | INM |
| 8 | Jewargi | Nelogi & Andola | Sonna & Aurad | New | Mulberry | Un uniform cocoon spinning | ICM |
| 9 | Chittapur | Chittapur | Sathnoor, Tengali & Gundgurthi | New | Bengal  gram | * Nutrient management * Pod borer management * Wilt management | ICM |
| Sedam | Malkhed | Malkhed |
| 10 | Chittapur | Chittapur | Hebbal, Sathnoor & Nalvar | New | Redgram | * Lack of awareness about transplanting techniques * Lack of awareness about nipping | ICM |
| 11 | Jewargi | Andola & Jewargi | Goanwar & Kattisangavi | New | Redgram | Pulse beetle as storage pest causing loss of more than 30% in the pulses | Storage pest |
| 12 | Jewargi | Jewargi | Gaunalli | New | Greengram | * Low yield and use of local varieties * No seed treatment | Improved variety |
| Chittapur | Chittapur | Sathnoor & Hosur |
| 13 | Jewargi | Jewargi & Andola | Channur & Goanwar | New | Chilli | * No raised bed nursery * Poor nutrient management | ICM |
| Jewargi | Nelogi | Sonna |
| 14 | Jewargi | Andola & Nelogi | Rajwal, Sonna & Goanwar | New | Fodder bank | Low milk yield in animals due to scarcity of green fodder | Animal nutrition |
| 15 | Jewarig | Andola & Nelogi | Kellur & Sonna | New | IFS | Mono cropping | Whole farm approach |
| Chittapur | Chittapur | Sathnoor, Hebbal & Mogal |

**2.9 Priority thrust areas**

* Non availability of high yielding varieties of cereals, pulses and oilseeds crop
* Lack of awareness on production recommendation such as fertilizers, pesticides, growth regulators, high-tech cultivation, organic farming, sustainability in different crops
* Non practice of low cost technologies such as seed treatment, use of bio fertilizer and bio-agents, Micro nutrients, Gypsum in oilseed crops etc.,
* Non awareness of INM, IPM and IDM in pulses specially Redgram and Bengalgram , apart from traditional crops of the area
* Alternate cropping system in irrigated area i.e, sequence of paddy
* Lack of awareness in post harvest technology in Agriculture and Horticultural crops
* Lack of knowledge on water management
* Non awareness about labour saving agriculture machineries/equipments

**PART III - TECHNICAL ACHIEVEMENTS**

**3.A. Details of target and achievements of mandatory activities**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **OFT** | | | | **FLD** | | | |
| **1** | | | | **2** | | | |
| **Number of OFTs** | | **Number of farmers** | | **Number of FLDs** | | **Number of farmers** | |
| **Targets** | **Achievement** | **Targets** | **Achievement** | **Targets** | **Achievement** | **Targets** | **Achievement** |
| 3 | 3 | 12 | 12 | 12 | 12 | 98 | 98 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Training** | | | | **Extension Programmes** | | | |
| **3** | | | | **4** | | | |
| **Number of Courses** | | **Number of Participants** | | **Number of Programmes** | | **Number of participants** | |
| **Targets** | **Achievement** | **Targets** | **Achievement** | **Targets** | **Achievement** | **Targets** | **Achievement** |
| 58 | 58 | 3104 | 3104 | 1502 | 1502 | 6702 | 6702 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Seed Production (Qtl.)** | | **Planting materials (Nos.)** | | **Livestock, poultry strains and fingerlings (No.)** | | **Bio-products (Kg)** | |
| **5** | | **6** | | **7** | | **8** | |
| **Target** | **Achievement** | **Target** | **Achievement** | **Target** | **Achievement** | **Target** | **Achievement** |
| 47 | 47 | 100720 | 100720 | - | - | - | - |

**3.B1. Abstract of interventions undertaken based on thrust areas identified for the district as given in Sl.No.2.7**

| **S. No** | **Thrust area** | **Crop/**  **Enterprise** | **Identified Problem** | **Interventions** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Title of OFT if any** | **Title of FLD if any** | **Number of Training (farmers)** | **Number of Training (Youths)** | **Number of Training (extension personnel)** | **Extension activities**  **(No.)** | **Supply of seeds/ Inputs (Qtl.)** | **Supply of planting materials (No.)** | **Supply of livestock (No.)** | **Supply of bio products** | |
| **No** | **kg** |
| 1 | Intercrop | Sugar  cane | Farmers follow only sole crops | Intercropping System in Sugarcane | **-** | 2 | **-** | **-** | 1 | 20kgs | **-** | **-** | **-** | **-** |
| 2 | Intercrop | Bt Cotton | Farmers follow only sole crops | Intercropping system in Bt Cotton | - | 3 | - | - | 2 | 75 kgs | **-** | **-** | **-** | **-** |
| 3 | INM | Mulberry | Imbalanced nutrient management | INM | - | 1 | - | - | - | DAP-50kgs  Urea-200kg  MOP 80kgs | **-** | **-** | **-** | **-** |
| 4 | Improved variety | Sorghum | * Lack of good quality seed * No seed treatment | - | Popularization of sorghum variety | 1 | - | - | 1 | 75kgs | **-** | **-** | **-** | **-** |
| 5 | INM | Paddy | Imbalance of nutrient management | - | Integrated crop management | 1 | - | - | 1 | * Carbofuran-   190 kgs   * Pendimethlin 33lt * Phroate-125kgs * Monochrotophus 13lts * Choloropyriphos – 60 lts | **-** | **-** | **-** | **-** |
| 6 | Improved variety | Foxtail millet | Use of low yielding varieties | - | Popularization of Foxtail millet | 1 | - | - | 1 | 75kgs | **-** | **-** | **-** | **-** |
| 7 | INM | Ground  nut | * Use of low yielding varieties and hrivelled seed kernels * Imbalanced use of nutrients | - | Integrated nutrient Management | 1 | - | - | 1 | * Rhizobium -25kgs * PSB- 25kgs * Gypsum – 250kgs * ZnSo4 – 250kgs * FeSo4 – 250kgs * MgSo4-250kgs * Borax -225kgs * Dimethioate -17lts * Profenophos -15lts * Monocrotophos- 10lts | **-** | **-** | **-** | **-** |
| 8 | ICM | Mulberry | Un uniform cocoon spinning | - | ICM | 1 | - | - | 2 | Rotary montage- 15Nos | **-** | **-** | **-** | **-** |
| 9 | ICM | Bengal  gram | * Nutrient management * Pod borer management * Wilt management | - | ICM in Bengalgram | 2 | - | - | 1 | * Rhizobium-125kgs * PSB-125kgs * Trichoderma-2.5kgs * Indoxacarb-5 lt * Planofix- 2.5 lt * Profenophos-15lt * Neem Oil-25 lts * Imamectin Benzoate – 2 gm | **-** | **-** | **-** | **-** |
| 10 | ICM | Redgram | * Lack of awareness about transplanting techniques * Lack of awareness about nipping | - | Redgram transplanting | 2 | - | - | 2 | - | Seedlings 25000  Nos | **-** | **-** | **-** |
| 11 | Storage pest | Redgram | Pulse beetle as storage pest causing loss of more than 30% in the pulses | - | Safe storage practices of redgram and other pulses | 2 | - | - | 1 | Aluminum phosphide | **-** | **-** | **-** | **-** |
| 12 | Improved variety | Greengram | * Low yield and use of local varieties * No seed treatment | - | Popularization of  Improved varieties | 2 | - | - | 2 | Seeds 75kgs | **-** | **-** | **-** | **-** |
| 13 | ICM | Chilli | * No raised bed nursery * Poor nutrient management | - | ICM in Chilli | 2 | - | - | 1 | Seeds 6.25kgs | **-** | **-** | **-** | **-** |
| 14 | Animal nutrition | Fodder bank | Low milk yield in animals due to scarcity of green fodder | - | Popularization of fodder bank | 1 | - | - | 2 | SAT Seeds 50kgs | Root slips 40000  Nos | **-** | **-** | **-** |
| 15 | Whole farm approach | IFS | Mono cropping | - | IFS- Agri-Horti-Slivi & Live stock | 2 | - | - | 2 | Gumgaur -30kgs  Soyabean-100kgs | Mango  Citrus  Fig  Mosambi  Gava | **-** | **-** | **-** |

**3.B2. Details of technology used during reporting period**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No** | **Title of Technology** | **Source of technology** | **Crop/ enterprise** | **No.of programmes conducted** | | | |
| **OFT** | **FLD** | **Training** | **Others (Specify)** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** |
| 1 | Popularization of  Intercropping System | IIHR, Bangalore | Sugar  cane | 2 | - | 2 | - |
| 2 | Popularization of  Intercropping of Bt Cotton | TNAU, Coimbatore | Bt Cotton | 5 | - | 3 | - |
| 3 | Integrated Nutrient Management | CSR & TI Mysore | Mulberry | 5 | - | 1 | - |
| 4 | Popularization of sorghum variety | UAS, R/D | Sorghum | - | 10 | 1 | - |
| 5 | Integrated crop management | UAS, R/D | Paddy | - | 10 | 1 | - |
| 6 | Popularization of Foxtail millet | UAS, R/D | Foxtail millet | - | 5 | 1 | - |
| 7 | Integrated nutrient Management | UAS, R/D | Ground  nut | - | 10 | 1 | - |
| 8 | ICM in sericulture | CSR & TI | Mulberry | - | 3 | 1 | - |
| 9 | ICM in Bengalgram | UAS, R/D | Bengal  gram | - | 10 | 2 | - |
| 10 | Redgram transplanting | UAS, R/D | Redgram | - | 10 | 2 | - |
| 11 | Safe storage practices of redgram and other pulses | UAS, R/D | Redgram | - | 5 | 2 | - |
| 12 | Popularization of  Improved varieties | UAS, R/D | Greengram | - | 10 | 2 | - |
| 13 | ICM in Chilli | UAS, R/D | Chilli | - | 5 | 2 | - |
| 14 | Popularization of fodder bank | UASD /R/IGF  RID | Fodder bank | - | 10 | 1 | - |
| 15 | IFS- Agri-Horti-Slivi & Live stock | UAS, R/D | IFS | - | 5 | 2 | - |

**3.B2 contd..**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No. of farmers covered** | | | | | | | | | | | | | | | |
| **OFT** | | | | **FLD** | | | | **Training** | | | | **Others (Specify)** | | | |
| **General** | | **SC/ST** | | **General** | | **SC/ST** | | **General** | | **SC/ST** | | **General** | | **SC/ST** | |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** |
| **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** |
| 2 | 0 | 0 | 0 | - | - | - | - | 64 | 6 | 10 | 0 | - | - | - | - |
| 4 | 0 | 1 | 0 | - | - | - | - | 84 | 8 | 18 | 4 | - | - | - | - |
| 3 | 0 | 2 | 0 | - | - | - | - | 44 | 2 | 4 | 0 | - | - | - | - |
| - | - | - | - | 8 | 0 | 2 | 0 | 32 | 0 | 9 | 0 | - | - | - | - |
| - | - | - | - | 8 | 0 | 2 | 0 | 38 | 2 | 11 | 0 | - | - | - | - |
| - | - | - | - | 4 | 0 | 1 | 0 | 34 | 1 | 8 | 0 | - | - | - | - |
| - | - | - | - | 7 | 1 | 2 | 0 | 38 | 4 | 12 | 1 | - | - | - | - |
| - | - | - | - | 2 | 0 | 1 | 0 | 42 | 2 | 10 | 0 | - | - | - | - |
| - | - | - | - | 7 | 0 | 3 | 0 | 68 | 2 | 18 | 1 | - | - | - | - |
| - | - | - | - | 7 | 0 | 3 | 0 | 64 | 4 | 14 | 1 | - | - | - | - |
|  |  |  |  | 0 | 3 | 0 | 2 | 31 | 12 | 2 | 8 |  |  |  |  |
| - | - | - | - | 6 | 0 | 4 | 0 | 72 | 3 | 12 | 2 | - | - | - | - |
| - | - | - | - | 4 | 0 | 1 | 0 | 68 | 4 | 14 | 2 | - | - | - | - |
| - | - | - | - | 7 | 0 | 3 | 0 | 32 | 2 | 4 | 0 | - | - | - | - |
| - | - | - | - | 3 | 0 | 2 | 0 | 48 | 4 | 21 | 2 | - | - | - | - |

**PART IV – On Farm Trial**

**4. A1. Abstract on the number of technologies assessed in respect of crops**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic areas** | **Cereals** | **Oilseeds** | **Pulses** | **Commercial Crops** | **Vegetables** | **Fruits** | **Flower** | **Plantation crops** | **Tuber Crops** | **Others** | **TOTAL** |
| Integrated Nutrient Management | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Intercropping | - | - | - | 2 | - | - | - | - | - | - | 2 |
| **Total** | **-** | **-** | **-** | **2** | **-** | **-** | **-** | **-** | **-** | **1** | **3** |

**4. A2. Abstract on the number of technologies refined in respect of crops : -Nil-**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic areas** | **Cereals** | **Oilseeds** | **Pulses** | **Commercial Crops** | **Vegetables** | **Fruits** | **Flower** | **Plantation crops** | **Tuber Crops** | **TOTAL** |
| - | - | - | - | - | - | - | - | - | - | - |

**4. A3. Abstract on the number of technologies assessed in respect of livestock enterprises: -** Nil-

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Thematic areas** | **Cattle** | **Poultry** | **Piggery** | **Rabbitry** | **Fisheries** | **TOTAL** |
| **-** | - | - | - | - | - | - |

**4. A4. Abstract on the number of technologies refined in respect of livestock enterprises:** - Nil-

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Thematic areas** | **Cattle** | **Poultry** | **Piggery** | **Rabbitry** | **Fisheries** | **TOTAL** |
| **-** | - | - | - | - | - | - |

**4. B. Achievements on technologies Assessed and Refined :**

**4. B.1. Technologies Assessed under various Crops**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Thematic areas** | **Crop** | **Name of the technology assessed** | **No. of trials** | **Number of farmers** | **Area in ha (Per trail covering all the Technological Options)** |
| Integrated Nutrient Management | Mulberry | Integrated Nutrient Management in mulberry | 05 | 05 | 1 |
| Intercropping | Sugarcane | Popularization of intercropping in sugarcane | 02 | 02 | 1 |
| Cotton | Popularization of intercropping in Bt Cotton | 05 | 05 | 2 |
| Total | | | 12 | **12** | 4 |

**4. B.2. Technologies Refined under various Crops:** -Nil-

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Thematic areas** | **Crop** | **Name of the technology**  **assessed** | **No. of**  **trials** | **Number of farmers** | **Area in ha (Per trail covering all the Technological Options)** |
| **-** | - | - | - | - | - |

**4.B.3. Technologies assessed under Livestock and other enterprises:** -Nil-

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Thematic areas** | **Name of the livestock enterprise** | **Name of the technology assessed** | **No. of trials** | **No. of farmers** |
| - | - | - | - | - |

**4.B.4. Technologies Refined under Livestock and other enterprises:** -Nil-

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Thematic areas** | **Name of the livestock enterprise** | **Name of the technology assessed** | **No. of trials** | **No. of**  **farmers** |
| - | - | - | - | - |

**4.C1.** **Results of Technologies Assessed**

**Results of On Farm Trial**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Crop/ enterprise** | **Farming situation** | **Problem definition** | **Title of OFT** | **No. of**  **trials** | **Technology Assessed** | **Parameters of assessment** | **Data on the parameter** | **Results of assessment** | **Feedback from the farmer** | **Any refinement needed** | **Justification for refinement** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Sugarcane | Irrigated | Sole crop | Popularization of intercropping system in Sugarcane | 02 | Intercrop | **Yield (t/ha)**  TO1  TO2  TO3 | 99+Nil  109+16  110+23 | Onion yield gave an additional income to the farmers | Intercropping in Sugarcane is encouraging in income maximization apart from increase in the yield of sugarcane | - | - |
| Cotton | Irrigated | Sole crop | Popularization of intercropping system in Bt-Cotton | 05 | Intercrop | **Yield (qtl/ha)**  TO1  TO2  TO3 | 35.14+Nil  38.47+1.2  39.8+18.57 | Onion yield gave an additional income to the farmers compared to coriander | Intercropping in Cotton is encouraging in income maximization apart from increase in the yield of cotton | - | - |
| Mulberry | Irrigated | Imbalanced application of secondary nutrients | INM in Mulberry | 05 | Nutrients Management | **Leaf Yield (qtl/ha)**  TO1  TO2  TO3 | 530.00  552.50  592.50 | Use of RDF along with bio fertilizer (Azatobactor) increased leaf yield with good quality | The farmers expressed that use of azotobactor improved the quality of mulberry and inturn yield | - | - |

**Contd..**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Technology Assessed** | **Source of Technology** | **Production** | **Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)** | **Net Return (Profit) in Rs. / unit** | **BC Ratio** |
| 13 | 14 | 15 | 16 | 17 | 18 |
| **Popularization of intercropping system in Sugarcane (OFT1)** | | | | | |
| 1.Sole crop of Sugarcane | Farmers Practice | 99+Nil | t/ha | 87328 | 2.39 |
| 2. Sugarcane + Onion (1:3) | UAS R  UAS D | 109+16 | t/ha | 112019 | 2.74 |
| 3.Sugarcane +Onion (1:3) | IIHR | 110+23 | t/ha | 117926 | 2.81 |
| **Popularization of intercropping system in Cotton (OFT2)** | | | | | |
| 1.Sole crop of Bt Cotton | Farmers Practice | 35.14+Nil | q/ha | 48943 | 1.78 |
| 2.Bt cotton + Coriander (1:2) | UAS R/D | 38.47+1.2 | q/ha | 68027 | 2.08 |
| 3.Bt cotton + Onion (1:2) | TNAU | 39.8+18.57 | q/ha | 78295 | 2.22 |
| **INM in Mulberry (OFT3)** | | | | | |
| 1.Imbalanced nutrient management | Farmers practice | 530.00 | q/ha | 33250 | 1.71 |
| 2.RDF -300:120:120 | KSDS | 552.50 | q/ha | 40375 | 1.95 |
| 3.RDF + Bio fertilizer + Green manure | CSR & TI Mysore | 592.50 | q/ha  @ Rs1.50 kg/leaf | 45575 | 2.05 |

4.C2. Details of each On Farm Trial for assessment to be furnished in the following format separately as per the following details

OFT1:

|  |  |  |
| --- | --- | --- |
| 1 | Title of Technology Assessed | Popularization of Intercropping System |
| 2 | Problem Definition | Farmers follow only sole crops |
| 3 | Details of technologies selected for assessment | Sugarcane +Onion (1:3) |
| 4 | Source of technology | IIHR, Bangalore |
| 5 | Production system and thematic area: | Income maximization through intercropping |
| 6 | Performance of the Technology with performance indicators | |  |  |  |  | | --- | --- | --- | --- | | **Performance indicators** | **TO1** | **TO2** | **TO3** | | No of milliable canes | 15 | 18 | 20 | | No of internodals /cane | 14 | 16 | 17 | | Intermodal length (cm) | 12.6 | 14.8 | 15.2 | | Bulb diameter (cms) | 2.8 | 3.4 | 3.6 | | Bulb weight (gms) | 25 | 30 | 32 | |
| 7 | Feedback, matrix scoring of various technology parameters done through farmer’s participation / other scoring techniques | It is important in yield maximization through intercrop |
| 8 | Final recommendation for micro level situation | Sugarcane + Onion is best suited intercrop at all levels |
| 9 | Constraints identified and feedback for research | Need for a specific intercrop variety of onion |
| 10 | Process of farmers participation and their reaction | Satisfactory |

OFT2:

|  |  |  |
| --- | --- | --- |
| 1 | Title of Technology Assessed | Popularization of  Intercropping System |
| 2 | Problem Definition | Farmers follow only sole crops |
| 3 | Details of technologies selected for assessment | Bt cotton + Onion (1:2) |
| 4 | Source of technology | TNAU |
| 5 | Production system and thematic area: | Kharif & Intercrop |
| 6 | Performance of the Technology with performance indicators | |  |  |  |  | | --- | --- | --- | --- | | **Performance indicators** | **TO1** | **TO2** | **TO3** | | No of sympodial branches | 8 | 11 | 12 | | No of Squares/Plant | 109 | 135 | 142 | | No of Bolls /Plant | 72 | 85 | 93 | | Bulb diameter (cms) | 2.2 | 2.6 | 2.7 | | Bulb weight (gms) | 20 | 24 | 27 | | Coriander Leaf yield (Kg/ha) | 90 | 105 | 120 | |
| 7 | Feedback, matrix scoring of various technology parameters done through farmer’s participation / other scoring techniques | It is important in yield maximization through intercrop |
| 8 | Final recommendation for micro level situation | Onion cultivation as an intercrop in Cotton gives an additional income to the cotton cultivator |
| 9 | Constraints identified and feedback for research | Cotton picking machines is required to reduce the burden of labour availability |
| 10 | Process of farmers participation and their reaction | Satisfactory |

**OFT3:**

|  |  |  |
| --- | --- | --- |
| 1 | Title of Technology Assessed | Integrated Nutrient Management |
| 2 | Problem Definition | Imbalanced nutrient management |
| 3 | Details of technologies selected for assessment | RDF + Bio fertilizer + Green manure |
| 4 | Source of technology | CSR & TI Mysore |
| 5 | Production system and thematic area | Kharif and INM |
| 6 | Performance of the Technology with performance indicators | It gave higher leaf yield of mulberry by following TO3 |
| 7 | Feedback, matrix scoring of various technology parameters done through farmer’s participation / other scoring techniques | Farmers satisfied with the leaf yield of mulberry |
| 8 | Final recommendation for micro level situation | RDF + Bio fertilizer + Green manure |
| 9 | Constraints identified and feedback for research | Nil |
| 10 | Process of farmers participation and their reaction | Satisfactory |

**4.D1. Results of Technologies Refined: - Nil-**

**Results of On Farm Trial**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Crop/ enterprise | Farming situation | **Problem definition** | Title of OFT | No. of  trials | Technology refined | Parameters of refined t | Data on the parameter | Results of refinement | Feedback from the farmer | Details of refinement done |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| - | - | - | - | - | - | - | - | - | - | - |

**Contd..**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Technology Refined | Source of Technology for Technology Option1 /  Justification for modification of assessed  Technology Option 1 | Production | Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year) | Net Return (Profit) in Rs. / unit | BC Ratio |
| 13 |  | 14 | 15 | 16 | 17 |
| Technology Option 1 (best performing Technology Option in assessment) | - | - | - | - | - |
| Technology Option 2 (Modification over Technology Option 1) | - | - | - | - | - |
| Technology Option 3 (Another Modification over Technology Option 1) | - | - | - | - | - |

4.D.2. Details of each On Farm Trial for refinement to be furnished in the following format separately as per the following details:

1. Title of Technology refined

2 Problem Definition

3 Details of technologies selected for refinement

4 Source of technology

5 Production system and thematic area

6 Performance of the Technology with performance indicators

7. Feedback, matrix scoring of various technology parameters done through farmer’s participation / other scoring techniques

8 Final recommendation for micro level situation

9 Constraints identified and feedback for research

10 Process of farmers participation and their reaction

**PART V – FRONTLINE DEMONSTRATIONS**

**5.A. Summary of FLDs implemented during 2013-14**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No** | **Category** | **Farming**  **Situation** | **Season and**  **Year** | **Crop** | **Variety/ breed** | **Hybrid** | **Thematic area** | **Technology Demonstrated** | **Area (ha)** | | **No. of farmers/**  **demonstration** | | | **Reasons for shortfall in achievement** |
| **Proposed** | **Actual** | **SC/ST** | **Others** | **Total** |
| 1 | Oilseeds | Irrigated | Rabi-Summer 2013 | Groundnut | - | - | INM | Nutrient Management | 5 | 5 | 2 | 8 | 10 |  |
| 2 | Pulses | Rainfed | Rabi 2013 | Bengalgram | JG-11 | - | Varietal evaluation | ICM | 4 | 4 | 3 | 7 | 10 |  |
| -do- | Rainfed | Kharif  2013 | Redgram | BSMR-736 | - | Transplanted techniques | ICM | 4 | 4 | 3 | 7 | 10 |  |
| -do- | - | Summer 2013 | Pulses | JG-11 & TS 3R | - | PHT | Safe storage techniques | 5 units | 5 units | 0 | 5 | 5 |  |
| -do- | Rainfed | Kharif  2013 | Greengram | BGS-9 | - | Varietal evaluation | Popularization of  Improved varieties | 4 | 4 | 4 | 6 | 10 |  |
| 3 | Cereals | Rainfed | Kharif  2013 | Sorghum | JP 1-5 | - | Varietal evaluation | Popularization of sorghum variety | 4 | 4 | 2 | 8 | 10 |  |
| -do- | Irrigated | Kharif  2013 | Paddy | - | - | ICM | Integrated crop management | 4 | 4 | 2 | 8 | 10 |  |
| 4 | Millets | Rainfed | Kharif  2013 | Foxtail | HMT  100-1 | - | Varietal evaluation | Popularization of Foxtail millet | 2 | 2 | 1 | 4 | 5 |  |
| 5 | Commercial crops | Irrigated | Kharif  2013 | Chilli | NP46-A | - | ICM | ICM in Chilli | 1 | 1 | 1 | 4 | 5 |  |
| 6 | Dairy | Irrigated | Kharif/Rabi/  Summer2013 | Fodder | - | - | Fodder management | Fodder Bank | 4 | 4 | 3 | 7 | 10 | - |
| 7 | Sericulture | Irrigated | Rabi 2013 | Mulberry | Promotion of Rotary montages | - | Rotary montages | ICM | 1 | 1 | 1 | 2 | 3 |  |
| 8 | Others (IFS) | Irrigated | Rabi/  Summer  2013 | IFS | - | - | Sustainable Management | IFS | 5 units | 5 units | 1 | 4 | 5 |  |

**5.A. 1. Soil fertility status of FLDs plots during 2013-14**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Category** | **Farming**  **Situation** | **Season**  **and**  **Year** | **Crop** | **Variety/ breed** | **Hybrid** | **Thematic area** | **Technology Demonstrated** | **Status of soil** | | | **Previous crop grown** |
| **N** | **P** | **K** |
| 1 | Oilseeds | Irrigated | Rabi-Summer 2013 | Groundnut | Local | - | INM | Nutrient Management | L | M | H | Redgram |
| 2 | Pulses | Rainfed | Rabi 2013 | Bengalgram | JG-11 | - | Varietal evaluation | ICM | L | M | H | Kharif Jowar |
| -do- | Rainfed | Kharif 2013 | Redgram | BSMR-736 | - | Transplanted techniques | ICM | L | M | H | Redgram |
| -do- | - | Summer 2013 | Pulses | JG-11 & TS 3R | - | PHT | Safe storage techniques | L | M | H | - |
| -do- | Rainfed | Kharif 2013 | Greengram | BGS-9 | - | Varietal evaluation | Popularization of  Improved varieties | L | M | H | Redgram |
| 3 | Cereals | Rainfed | Kharif 2013 | Sorghum | JP 1-5 | - | Varietal evaluation | Popularization of sorghum variety | L | M | H | Sorghum |
| -do- | Irrigated | Kharif 2013 | Paddy | BPT | - | ICM | Integrated crop management | L | M | H | Paddy |
| 4 | Millets | Rainfed | Kharif 2013 | Foxtail | HMT 100-1 | - | Varietal evaluation | Popularization of Foxtail millet | L | M | H | Redgram |
| 5 | Commercial crops | Irrigated | Kharif 2013 | Chilli | NP46-A | - | ICM | ICM in Chilli | L | M | H | Chilli |
| 6 | Dairy | Irrigated | Kharif/Rabi/  Summer2013 | Fodder | - | - | Fodder management | Fodder Bank | L | M | H | Fodder |
| 7 | Sericulture | Irrigated | Rabi 2013 | Mulberry | Promotion of Rotary montages | - | Rotary montages | ICM | L | M | H | Mulberry |
| 8 | Others (IFS) | Irrigated | Rabi/Summer  2013 | IFS | - | - | Sustainable Management | IFS | L | M | H | Vegetables |

**5.B. Results of Frontline Demonstrations**

**5.B.1. Crops**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Crop** | **Name of the techno**  **logy demonstrated** | **Variety** | **Hybrid** | **Farming situation** | **No. of Demo** | **Area**  **(ha)** | **Yield (q/ha)** | | | | **% Increase** | **\*Economics of demonstration (Rs./ha)** | | | | **\*Economics of check**  **(Rs./ha)** | | | | |
| **Demo** | | | **Check** | **Gross**  **Cost** | **Gross**  **Return** | **Net Return** | **\*\***  **BCR** | **Gross**  **Cost** | **Gross**  **Return** | **Net Return** | | **\*\***  **BCR** |
| **H** | **L** | **A** |
| **Oilseeds** | | | | | | | | | | | | | | | | | | | | |
| Groundnut | INM | TMV-2 |  | Rabi-Summer 2013 | 10 | 5 | 28.3 | 22.72 | 25.32 | 20.25 | 25.03 | 31250 | 81024 | 49774 | 2.59 | 31250 | 64800 | 33550 | | 2.07 |
| **Pulses** | | | | | | | | | | | | | | | | | | | | |
| Bengalgram | ICM | JG-11 | - | Rabi 2013 | 10 | 4 | 20.62 | 15.24 | 16.87 | 13.25 | 27.32 | 17250 | 49767 | 32517 | 2.89 | 17250 | 39088 | 21838 | | 2.27 |
| Redgram | ICM | BSMR-736 | - | Kharif  2013 | 10 | 4 | 31.87 | 23.85 | 28.00 | 12.20 | 129.0 | 23750 | 114800 | 91050 | 4.83 | 23750 | 50020 | 26270 | | 2.11 |
| Pules | Safe storage techniques | JG-11 &  TS 3R | - | Summer 2013 | 5 | 5 units | It is under progress & results awaited | | | | | | | | | | | | | |
| Greengram | Popularization of  Improved varieties | BGS-9 | - | Kharif  2013 | 10 | 4 | 15.50 | 10.75 | 11.87 | 9.02 | 31.59 | 18750 | 68846 | 50096 | 3.67 | 18750 | 52316 | 33566 | | 2.79 |
| **Cereals** | | | | | | | | | | | | | | | | | | | | |
| Sorghum | Popularization of sorghum variety | JP1-5 | - | Kharif  2013 | 10 | 4 | 26.45 | 22.55 | 23.14 | 17.22 | 34.37 | 12750 | 48594 | 35844 | 3.81 | 12750 | 36162 | 23412 | | 2.84 |
| Paddy | ICM | - | - | Kharif  2013 | 10 | 4 | 81.02 | 72.15 | 76.87 | 64.35 | 19.46 | 38750 | 122992 | 84242 | 3.17 | 38750 | 102960 | 64210 | | 2.66 |
| **Millets** | | | | | | | | | | | | | | | | | | | | |
| Foxtail | Popularization of foxtail millet | HMT 100-1 | - | Kharif  2013 | 5 | 2 | 17.20 | 12.52 | 14.30 | 11.30 | 26.65 | 11375 | 28600 | 17225 | 2.51 | 11375 | 22600 | 11225 | | 1.99 |
| **Commercial** | | | | | | | | | | | | | | | | | | | | |
| Chilli | ICM in chilli | NP46-A |  | Kharif  2013 | 5 | 1 | 30.77 | 24.37 | 27.37 | 20.85 | 31.27 | 46250 | 183379 | 137129 | 3.96 | 46250 | 131186 | 84936 | | 2.84 |
| Fodder | Fodder bank |  | - | Kharif  2013 | 10 | 4 | 115 t/ha (Green foliage) | | | | | | | | | | | | | |
| Sericulture | Promotion of Rotary montages | - | - | Rabi  2013 | 3 | 1 | 64.3  kg/  100  DFLs (Cocoon) | 61.50 kg/  100  DFLs (Cocoon) | 62.9 kg/  100  DFLs (Cocoon) | 61.50 kg/  100  DFLs (Cocoon) | 2.27 | 8150/100  DFLs | 31507  100  DFLs | 23357  100  DFLs | 3.86 | 7410 | 27060 | 19650 | 3.65 | |
| Others (IFS) |  | - | - | Kharif  2013 | 5 | 5 units | Results awaited | | | | | | | | | | | | | |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST H – Highest Yield, L – Lowest Yield A – Average Yield

**Data on additional parameters other than yield (viz., reduction of percentage in weed/pest/**

**diseases etc.)**

|  |  |  |
| --- | --- | --- |
| **Data on other parameters in relation to technology demonstrated** | | |
| **Parameter with unit** | **Demo** | **Check** |
| **Groundnut-**  1. No of Pods/plant  2. No. of Kernal /pod  3. Test weight (gm) | 35  2  23.1 | 28  2  20.3 |
| **Bengalgram-**  1. No of Pods/plant  2. No of Seeds/pod 3. Test weight (gm) | 122  1  22.8 | 105  1  20.5 |
| **Redgram**  1. No of Pods/plant  2. No of Seeds/pod 3. Test weight (gm) | 1242-1400  3-4  9-10 | 320-400  3-4  8-9 |
| **Greengram**  1. No of Pods/plant  2. No of Seeds/pod 3. Test weight (gm) | 20  10  4.5 | 14  8  3.3 |
| **Sorghum**  1. Test weight (gm) | 5.2 | 4.3 |
| **Paddy**  1. No of Productive tiller/plant  2. No of panicle/tiller 3. Test weight (gm) | 27  3  3.4 | 22  2  3.1 |
| **Foxtail**   1. Test weight 2. Panicle length (cm) | 0.32  12 | 0.27  9 |
| **Chilli**  1. No of Fruits/plant  2. Fruit weight (gm) | 115  9.5 | 85  6.5 |

**5.B.2. Livestock and related enterprises:** -Nil-

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Type of livestock | Name of the technology demonstrated | Breed | No. of Demo | No.  of Units | Yield (q/ha) | | | | % Increase | \*Economics of demonstration Rs./unit) | | | | \*Economics of check  (Rs./unit) | | | |
| Demo | | | Check if any | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| H | L | A |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

**Data on additional parameters other than yield (viz., reduction of percentage diseases, increase in conceiving rate, inter-calving period etc.)**

|  |  |  |
| --- | --- | --- |
| **Data on other parameters in relation to technology demonstrated** | | |
| **Parameter with unit** | **Demo** | **Check if any** |
| - | - | - |

5.B.3. Fisheries: -Nil-

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Type of Breed | Name of the technology demonstrated | Breed | No. of Demo | Units/ Area (m2) | Yield (q/ha) | | | | % Increase | \*Economics of demonstration Rs./unit) or (Rs./m2) | | | | \*Economics of check  Rs./unit) or (Rs./m2) | | | |
| Demo | | | Check if any | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| H | L | A |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST H-High L-Low, A-Average

**Data on additional parameters other than yield (viz., reduction of percentage diseases, effective use of land etc.)**

|  |  |  |
| --- | --- | --- |
| **Data on other parameters in relation to technology demonstrated** | | |
| **Parameter with unit** | **Demo** | **Check if any** |
| - | - | - |

**5.B.4. Other enterprises**:**-**Nil-

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enterprise | Name of the technology demonstrated | Variety/ species | No. of Demo | Units/ Area {m2} | Yield (q/ha) | | | | % Increase | \*Economics of demonstration (Rs./unit) or (Rs./m2) | | | | \*Economics of check  (Rs./unit) or (Rs./m2) | | | |
| Demo | | | Check if any | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| H | L | A |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST H-High L-Low, A-Average

5.B.5. Farm implements and machinery:-Nil-

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name of the implement | Cost of the implement in Rs. | Name of the technology demonstrated | No. of Demo | Area covered under demo  in ha | Labour requirement in Mandays | | % save | Savings in labour (Rs./ha) | \*Economics of demonstration (Rs./ha) | | | | \*Economics of check  (Rs./ha) | | | |
| Demo | Check | Gross cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

**Data on additional parameters other than labour saved (viz., reduction in drudgery, time etc.)**

|  |  |  |
| --- | --- | --- |
| **Data on other parameters in relation to technology demonstrated** | | |
| **Parameter with unit** | **Demo** | **Local** |
| **-** | **-** | **-** |

**5. B.6. Extension and Training activities under FLD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Activity** | **No. of activities organized** | **Number of participants** | **Remarks** |
| 1 | Field days | 6 | 534 | - |
| 2 | Farmers Training | 18 | 759 | - |
| 3 | Media coverage | 10 | - | - |
| 4 | Training for extension functionaries | 2 | 114 |  |
| 5 | Others (Please specify) | - | - | - |

**PART VI – DEMONSTRATIONS ON CROP HYBRIDS**

**Demonstration details on crop hybrids : Nil**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type of Breed** | **Name of the technology demonstrated** | **Name of the hybrid** | **No. of Demo** | **Area (ha)** | **Yield (q/ha)** | | | | **% Increase** | **\*Economics of demonstration (Rs./ha)** | | | | **\*Economics of check**  **(Rs./ha)** | | | |
| **Demo** | | | **Check** | **Gross**  **Cost** | **Gross**  **Return** | **Net Return** | **\*\***  **BCR** | **Gross**  **Cost** | **Gross**  **Return** | **Net Return** | **\*\***  **BCR** |
| H | L | A |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

H-High L-Low, A-Average \*Please ensure that the name of the hybrid is correct pertaining to the crop specified

**PART VII. TRAINING**

**7. A. Training of Farmers and Farm Women including sponsored training programmes (On campus)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
| **Crop Production** | | | | | | | | | | |
| Crop Diversification | 2 | 54 | 0 | 54 | 12 | 0 | 12 | 66 | 0 | 66 |
| Integrated Farming | 1 | 28 | 2 | 30 | 4 | 0 | 4 | 32 | 2 | 34 |
| Others (Pre mansoon preparation for Kahrif Season ) | 2 | 128 | 0 | 128 | 15 | 0 | 15 | 143 | 0 | 143 |
| Others ( Improved production techniques in pulses) | 1 | 81 | 0 | 81 | 28 | 0 | 28 | 109 | 0 | 109 |
| Others (Preparation for Rabi crops) | 1 | 28 | 2 | 30 | 2 | 0 | 2 | 30 | 2 | 32 |
| **Home Science/Women empowerment** | | | | | | | | | | |
| Women empowerment | 2 | 0 | 116 | 116 | 0 | 44 | 44 | 116 | 44 | 160 |
| **Agril. Engineering** | | | | | | | | | | |
| Post Harvest Technology | 1 | 48 | 0 | 48 | 4 | 0 | 4 | 52 | 4 | 56 |
| **Plant Protection** | | | | | | | | | | |
| Bio-control of pests and diseases | 1 | 40 | 0 | 40 | 4 | 0 | 4 | 44 | 4 | 48 |
| **TOTAL** | **11** | **407** | **120** | **527** | **69** | **44** | **113** | **592** | **56** | **648** |

**M- Male F-Female**

**7. B Training of Farmers and Farm Women including sponsored training programmes (Off campus)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
| **Crop Production** | | | | | | | | | | |
| Integrated Farming | 2 | 52 | 32 | 84 | 7 | 4 | 11 | 59 | 36 | 95 |
| Integrated Crop Management | 8 | 265 | 19 | 284 | 68 | 27 | 95 | 333 | 46 | 379 |
| Others (Pre Season Preparation & for Kharif crops) | 10 | 406 | 101 | 507 | 58 | 30 | 88 | 464 | 131 | 595 |
| Others (Pre Season Preparation & for rabi crops) | 1 | 36 | 4 | 40 | 4 | 0 | 4 | 40 | 4 | 44 |
| Others (Transplanting Method) | 1 | 15 | 1 | 16 | 2 | 0 | 2 | 17 | 1 | 18 |
| Others (Marketing) | - | - | - | - | - | - | - | - | - | - |
| Other (Organic & Natural farming) | 3 | 125 | 58 | 183 | 29 | 4 | 33 | 154 | 62 | 216 |
| **Horticulture a) Vegetable Crops** | | | | | | | | | | |
| Others (Nutritional gardening ) | 1 | 0 | 48 | 48 | 0 | 12 | 12 | 0 | 60 | 60 |
| **Soil Health and Fertility Management** | | | | | | | | | | |
| Soil fertility management | 3 | 114 | 66 | 180 | 33 | 12 | 45 | 147 | 78 | 225 |
| **Home Science/Women empowerment** | | | | | | | | | | |
| Women empowerment | 1 | 0 | 34 | 34 | 0 | 3 | 3 | 0 | 37 | 37 |
| **Agril. Engineering** | | | | | | | | | | |
| Post Harvest Technology | 1 | 74 | 0 | 74 | 8 | 0 | 8 | 82 | 0 | 82 |
| **Plant Protection** | | | | | | | | | | |
| Integrated Pest Management | 4 | 117 | 34 | 151 | 14 | 0 | 14 | 131 | 34 | 165 |
| Integrated Disease Management | - | - | - | - | - | - | - | - | - | - |
| Bio-control of pests and diseases | 1 | 15 | 0 | 15 | 4 | 0 | 4 | 19 | 0 | 19 |
| **Production of Inputs at site** |  |  |  |  |  |  |  |  |  |  |
| Vermi-compost production | 3 | 44 | 109 | 153 | 6 | 11 | 17 | 50 | 120 | 170 |
| **Capacity Building and Group Dynamics** | | | | | | | | | | |
| Leadership development | 2 | 48 | 1 | 49 | 7 | 0 | 7 | 55 | 1 | 56 |
| **TOTAL** | **41** | **1311** | **507** | **1818** | **240** | **103** | **343** | **1551** | **610** | **2161** |

**M- Male F-Female**

**7.C. Training for Rural Youths including sponsored training programmes (on campus):**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
| Sericulture | 1 | 46 | 0 | 46 | 4 | 0 | 4 | 50 | 4 | 54 |
| **TOTAL** | **1** | **46** | **0** | **46** | **4** | **0** | **4** | **50** | **4** | **54** |

**M- Male F-Female**

**7.D. Training for Rural Youths including sponsored training programmes (off campus)**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | | |
| **General** | | | **SC/ST** | | | | **Grand Total** | | |
| **M** | **F** | **Total** | **M** | **F** | | **Total** | **M** | **F** | **Total** |
| Sericulture | 1 | 28 | 0 | 28 | 2 | 0 | | 2 | 30 | 0 | 30 |
| Dairying | 1 | 28 | 0 | 28 | 2 | 0 | 2 | | 30 | 0 | 30 |
| Any other (Importance of FFS in transfer of technology) | 1 | 51 | 0 | 51 | 4 | 0 | 4 | | 55 | 0 | 55 |
| **TOTAL** | **3** | **107** | **0** | **107** | **8** | **0** | | **8** | **115** | **0** | **115** |

**M- Male F-Female**

**7.E. Training programmes for Extension Personnel including sponsored training programmes**

**(on campus)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
| Integrated Nutrient management | 1 | 38 | 2 | 40 | 8 | 0 | 8 | 46 | 10 | 56 |
| **Total** | **1** | **38** | **2** | **40** | **8** | **0** | **8** | **46** | **10** | **56** |

**M- Male F-Female**

**7.F. Training programmes for Extension Personnel including sponsored training programmes**

**(off campus)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
| Integrated Pest Management | 1 | 65 | 0 | 65 | 5 | 0 | 5 | 70 | 0 | 70 |
| **Total** | **1** | **65** | **0** | **65** | **5** | **0** | **5** | **70** | **0** | **70** |

M- Male F-Female

7.G. Sponsored training programmes conducted :-Nil-

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
| **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** |

**Details of sponsoring agencies involved**

**7.H. Details of Vocational Training Programmes carried out by KVKs for rural youth**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.**  **No.** | **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **M** | **F** | **Tot** | **M** | **F** | **Tot** | **M** | **F** | **Tot** |
| **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** |

**PART VIII – EXTENSION ACTIVITIES**

**Extension Programmes (including extension activities undertaken in FLD programmes)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Nature of Extension Programme** | **No. of Programmes** | **No. of Participants (General)** | | | **No. of Participants**  **SC / ST** | | | **No.of extension personnel** | | |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
| Field Day | 7 | 310 | 52 | 362 | 105 | 22 | 127 | 15 | 4 | 19 |
| Kisan Mela | 4 | 1620 | 254 | 1874 | 451 | 65 | 516 | 52 | 15 | 67 |
| Exhibition | 3 | 562 | 42 | 604 | 154 | 28 | 182 | 12 | 4 | 16 |
| Film Show | 4 | 304 | 46 | 350 | 104 | 18 | 122 | 8 | 2 | 10 |
| Method Demonstrations | 8 | 360 | 16 | 376 | 84 | 6 | 90 | 8 | 1 | 9 |
| Group meetings | 2 | 68 | 0 | 68 | 24 | 0 | 24 | 2 | 0 | 2 |
| Lectures delivered as resource persons | 14 | 254 | 14 | 268 | 38 | 5 | 43 | 58 | 8 | 66 |
| Newspaper coverage | 29 | - | - | - | - | - | - | - | - | - |
| Radio talks | 2 | - | - | - | - | - | - | - | - | - |
| TV talks | 13 | - | - | - | - | - | - | - | - | - |
| Popular articles | 11 | - | - | - | - | - | - | - | - | - |
| Extension Literature | 35 | - | - | - | - | - | - | - | - | - |
| Advisory Services | 446 | 382 | 0 | 382 | 42 | 0 | 42 | 22 | 0 | 22 |
| Scientific visit to farmers field | 209 | 192 | 0 | 192 | 17 | 0 | 17 | 0 | 0 | 0 |
| Farmers visit to KVK | 631 | 380 | 54 | 434 | 152 | 21 | 173 | 20 | 4 | 24 |
| Diagnostic visits | 70 | 28 | 12 | 40 | 24 | 6 | 30 | 0 | 0 | 0 |
| Exposure visits | 9 | - | - | - | - | - | - | - | - | - |
| Animal Health Camp | 1 | - | - | - | - | - | - | - | - | - |
| Self Help Group Conveners meetings | 2 | 0 | 42 | 42 | 0 | 26 | 26 | 0 | 0 | 0 |
| Mahila Mandals Conveners meetings | 0 |  |  |  |  |  |  |  |  |  |
| Celebration of important days (International women day) | 2 | 0 | 62 | 62 | 0 | 21 | 21 | 0 | 0 | 0 |
| Any Other (Specify) | - | - | - | - | - | - | - | - | - | - |
| **Total** | **1502** | **4460** | **594** | **5054** | **1195** | **218** | **1413** | **197** | **38** | **235** |

**PART IX – PRODUCTION OF SEED, PLANT MATERIALS AND LIVESTOCK**

**9.A. Production of seeds by the KVKs**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Crop category | **Name of the crop** | **Variety** | **Hybrid** | **Quantity of seed (qtl)** | **Value (Rs)** | **Number of farmers to whom provided** |
| Cereals | Jowar | JP 1-5 | - | 4.0 | 20800 | Farmers |
| Maize | SAT | - | 6.0 | 12000 | Farmers |
| Millets | Foxtail millet | HMT 100-1 | - | 1.75 | 5250 | Farmers |
| Pulses | Redgram | BSMR-736 | - | 11.00 | 44000 | Commercial |
| Redgram | - | ICPH 2740 | 7.00 | 28000 | Commercial |
| Bengalgram | JG 11 | - | 10.38 | 57090 | Seed production |
| Greengram | BGS-9 | - | 2.38 | 20230 | Seed production |
| Gumgaur | HG 365 | - | 4.0 | 60000 | Seed production |
| Flower crops | Marigold | Culcutta | - | 515 kg | 15450 | Commercial |
| **Total** | | | | | **262820** |  |

**9. B. Production of planting materials by the KVKs**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Crop category** | **Name of the crop** | **Variety** | **Hybrid** | **Number** | **Value (Rs.)** | **Number of farmers to whom provided** |
| Pulses | Redgram | BSMR-736 | - | 100000 | 100000 | Farmers |
| Vegetable seedlings | Drumstick | Bhagya | - | 720 | 7200 | Farmers |
| **Total** | | | | **100720** | **107200** |  |

**9. C. Production of Bio-Products: -Nil-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Bio Products** | **Name of the bio-product** | **Quantity**  **Kg** | **Value (Rs.)** | **Number of farmers to**  **whom provided** |
| **-** | - | - | - | - |

# 9.D. Production of livestock materials : -Nil-

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Particulars of Live stock | **Name of the breed** | **Number** | **Value (Rs.)** | **Number of farmers to whom provided** |
| **-** | **-** | **-** | **-** | **-** |

**PART X – PUBLICATION, SUCCESS STORY, SWTL, TECHNOLOGY WEEK AND**

**DROUGHT MITIGATION**

**10. A. Literature Developed/Published (with full title, author & reference)**

(A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.) : **Yet to be started**

**(B) Literature developed/published**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Title** | **Authors name** | **Number** |
| Popular articles | Mavina beleya sudharita besaya kramagalu | Mr. Arif A Agasimani,  Mr. Baswaraja Biradar,  Ms. Deepa  Dr.A.S.Police Patil &  Dr. S.B.Goudappa |  |
| Krishi parisara mele aguva dushparinamagalu | Mr. Baswaraja Biradar,  Mr. Arif A Agasimani,  Ms. Deepa,  Dr.A.S.Police Patil &  Dr. S.B.Goudappa | - |
| Roga bhakshaka trichoderma | Ms. Deepa,  Mr. Arif A Agasimani,  Mr. Baswaraja Biradar,  Dr.A.S.Police Patil &  Dr. S.B.Goudappa | - |
| Extension literature | Togari beleya uttpadaneyalli purva hangamina siddattegalu | Dr.A.S.Police Patil,  Dr. S.B.Goudappa,  Mr. Baswaraja Biradar &  Mr. Arif A Agasimani | 1000 |
| Antin chavlikai | Dr.A.S.Police Patil,  Dr. S.B.Goudappa,  Mr. Baswaraja Biradar &  Mr. Arif A Agasimani | 1000 |
| Joladalli sudharit besaya kramagalu | Dr.A.S.Police Patil,  Dr. S.B.Goudappa,  Mr. Baswaraja Biradar &  Mr. Arif A Agasimani | 1000 |
| Kadalaya sudharit besaya kramagalu | Dr.A.S.Police Patil,  Dr. S.B.Goudappa,  Mr. Baswaraja Biradar &  Mr. Arif A Agasimani | 1000 |
| Kabbin beleyalli adhika utpadaneya tantrikategalu | Dr.A.S.Police Patil,  Dr. S.B.Goudappa,  Mr. Baswaraja Biradar,  Mr. Arif A Agasimani &  Ms. Deepa | 1000 |
| Extension literature | Kuri mattu mekegalli sankarmika rogallu hagu niyantrana kramagalu | Dr. Shivanand Nayak, Dr.A.S.Police Patil, Dr. Ravikumar, Mr. Baswaraja Biradar, Mr. Arif A Agasimani & Ms.Deepa | 1000 |
| Januvarugala mevagi Azolla | Dr. Shivanand Nayak, Dr.A.S.Police Patil, Dr. Ravikumar, Mr. Baswaraja Biradar, Mr. Arif A Agasimani & Ms.Deepa | 1000 |
| Januvarugalli unne nirvahana kramagalu | Dr. Shivanand Nayak, Dr.A.S.Police Patil, Dr. Ravikumar, Mr. Baswaraja Biradar, Mr. Arif A Agasimani & Ms.Deepa | 1000 |
| Kalu mattu bai jwara | Dr. Shivanand Nayak, Dr.A.S.Police Patil, Dr. Ravikumar, Mr. Baswaraja Biradar, Mr. Arif A Agasimani & Ms.Deepa | 1000 |

**10.B. Details of Electronic Media Produced**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No.** | **Type of media (CD / VCD / DVD/ Audio-Cassette)** | **Title of the programme** | **Number** |
| - | - | - | - |

**10.C. Success Stories / Case studies, if any (two or three pages write-up on each case with suitable**

**action photographs. The Success Stories / Case Studies need not be restricted to the reporting**

**period).**

KVK, Gulbarga-A is functioning from 1-1-2012. Hence, observation on over technological intervention is under watch to note.

**10.D. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year**

1. Transplanted technique in Redgram : This KVK has produced 1.0 lakh seedlings of Redgram ( BSMR-736) to popularize transplanted technique in Redgram cultivation as it is evident from the previous experiences that yield will increase nearly 2 fold over the conventional cultivation. These seedlings were produced at KVK, Raddewadgi farm and supplied to the farmers at minimal cost of Rs. 1 per seedlings. The observation in the field revealed that cost of cultivation is reduced as these crop were grown on wider space and also transplanted Redgram cultivation were quite encouraging even in the delayed commencement of mansoon.
2. Alternative crop: The cultivation of Gumguar as an alternative crop to Redgram has been explored elaboratively at KVK farm and also on farmers field as experimental basis and produced more than 6 qlts of seeds to introduce as a new crop in the area
3. Demonstration of different date of sowing in Greengram: Usually it was a notation in the farming community that Greengram sowing will be done in the event of early onset of mansoon. At KVK, Farm demonstrated the different dates (June Ist Fortnight, June IInd Fortninght and July Ist Fortnight) of sowing in Greengram without much variation in yields.
4. The improved sets of mulberry Vishal and Suvarna brought from KSTRI, Thalgahtpur and established a orchard (1 ac) in initial period of 2012 and in the later days cuttings were distributed to the needy mulberry farmers on limited basis.

10.E. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No.** | **Crop / Enterprise** | **ITK Practiced** | **Purpose of ITK** |
| - | - | - | - |

**10.F. Indicate the specific training need analysis tools/methodology followed for**

* Identification of courses for farmers/farm women: Demonstrations and Audio Visual Aids
* Rural Youth: Vocational trainings and Audio Visual Aids
* Inservice personnel; Audio Visual Aids and FFS
* PRA – Transact walk, Social mapping, Resource mapping etc.,
* Agro Eeco Analysis of the location
* Feedback of the trainess of our previous traninig programmes
* Base line survey
* Previous experiences and Discussion with farmers and extension functionaries
* As per the desire of sponosored organization like KSDA, KSDH, Department of Veterinary etc.,
* Focused Group Discussion

**10.G. Field activities**

i. Number of villages adopted :

ii. No. of farm families selected :

iii. No. of survey/PRA conducted :

**10.H. Activities of Soil and Water Testing Laboratory**

Status of establishment of Lab : Not yet established

1. Year of establishment :

2. List of equipments purchased with amount :

|  |  |  |  |
| --- | --- | --- | --- |
| Sl.  No | Name of the Equipment | Qty. | Cost |
| 1 | - | - | - |
|  | Total | - | - |

Details of samples analyzed so far since establishment of SWTL: -Nil-

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Details | No. of Samples analyzed | No. of Farmers benefited | No. of Villages | Amount realized (Rs.) |
| - | - | - | - | - |

**10.I. Technology Week celebration during 2013-14 Yes/No, If Yes -No-**

Period of observing Technology Week : From to

Total number of farmers visited :

Total number of agencies involved :

Number of demonstrations visited by the farmers within KVK campus :

**Other Details**: - Nil-

| **Types of Activities** | **No. of**  **Activities** | **Number of**  **Farmers** | **Related crop/livestock technology** |
| --- | --- | --- | --- |
| - | - | - | - |

**10. J. Interventions on drought mitigation (if the KVK included in this special programme)**

A. Introduction of alternate crops/varieties

|  |  |  |  |
| --- | --- | --- | --- |
| **State** | **Crops/cultivars** | **Area (ha)** | **Number of beneficiaries** |
| - | - | - | - |

B. Major area coverage under alternate crops/varieties

|  |  |  |
| --- | --- | --- |
| **Crops** | **Area (ha)** | **Number of beneficiaries** |
| **-** | **-** | **-** |

**C. Farmers-scientists interaction on livestock management**

|  |  |  |  |
| --- | --- | --- | --- |
| **State** | **Livestock components** | **Number of interactions** | **No.of participants** |
| Karnataka | * FMD * Vaccination * Ectoparasite management | 05  02  02 | 95  60  45 |
| **Total** | | 09 | 200 |

**D. Animal health camps organized**

|  |  |  |  |
| --- | --- | --- | --- |
| **State** | **Number of camps** | **No. of animals** | **No. of farmers** |
| Karnataka | 1 | 300 | 280 |
| **Total** | 1 | 300 | 280 |

**E. Seed distribution in drought hit states**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **State** | **Crops** | **Quantity (qtl)** | **Coverage of area (ha)** | **Number of farmers** |
| **-** | - | - | - | - |

**F. Large scale adoption of resource conservation technologies**

|  |  |  |  |
| --- | --- | --- | --- |
| **State** | **Crops/cultivars and gist of resource conservation technologies introduced** | **Area (ha)** | **Number of farmers** |
| **Karantaka** | Redgram cultivation through Transplanting technique | 50 | 42 |
| **Total** |  | **50** | 42 |

**G. Awareness campaign**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **State** | **Meetings** | | **Gosthies** | | **Field days** | | **Farmers fair** | | **Exhibition** | | **Film show** | |
|  | **No.** | **No.of farmers** | **No.** | **No.of farmers** | **No.** | **No.of farmers** | **No.** | **No.of farmers** | **No.** | **No.of farmers** | **No.** | **No.of farmers** |
| **Karnataka** | 2 | 82 | - | - | 2 | 154 | - | - | 3 | 482 | - | - |
| **Total** | **2** | **82** | **-** | **-** | **2** | **154** | **-** | **-** | **3** | **482** | **-** | **-** |

**PART XI. IMPACT**

**11.A. Impact of KVK activities (Not to be restricted for reporting period).**

This is second year of implementation of technical programme of KVK, Gulbarga-A hence, impact can be studies will be initiated in the subsequent year.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of specific technology/skill transferred** | **No. of participants** | **% of adoption** | **Change in income (Rs.)** | |
| **Before (Rs./Unit)** | **After (Rs./Unit)** |
| - | - | - | - | - |

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants.

**11.B. Cases of large scale adoption**

**(Please furnish detailed information for each case)**

This is second year of implementation of technical programme of KVK, Gulbarga-A hence, impact

can be studies will be initiated in the subsequent year.

**11.C. Details of impact analysis of KVK activities carried out during the reporting period**

This is second year of implementation of technical programme of KVK, Gulbarga-A hence, impact can be studies will be initiated in the subsequent year.

**PART XII - LINKAGES**

**12.A. Functional linkage with different organizations**

|  |  |
| --- | --- |
| **Name of organization** | **Nature of linkage** |
| 1. Department of Agriculture | Kharif and rabi campaigns, Training, participation in meetings, collaborative participation in conducting FLD, OFT and demonstrations and ATMA Program |
| 2. Department of Horticulture | Kharif and rabi campaigns, Training, participation in meetings, Training, collaborative participation in conducting FLD, OFT and demonstrations |
| 3. Dept. of Veterinary and Animal Sciences | Animal Health Check up campaign, Awareness programmes on vaccination and fodder cultivation |
| 3. Different private Seeds, Pesticides and Fertilizers companies/ Implements | Awareness and Training programmes as per the desire of the collaborating organization |
| 4. Different NGO’s viz., Birds Heal, Dhan foundation, MYRAD, Shanta Devi Rural Development Institute ect., | PRA, Survey,Training, collaborative participation in conducting of demonstrations on crops cultivated in the area apart from processing and value addition to the farm produce |
| 5. Banks | SAC Meeting, Participation in meetings and Empowerment Programmes. |

NB The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

**12.B. List special programmes undertaken by the KVK and operational now, which have been**

**Financed by State Govt./Other Agencies**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the scheme** | **Date/ Month of initiation** | **Funding agency** | **Amount (Rs.)** |
| ICM based IFS | 2013-14 | RKVY, Bangalore | 20,58,949-00 |
| Increasing Food Legumes Production by Small Farmers to Strengthen Food and Nutrition Security through Adoption of Improved Technologies and Governance within South-South Cooperation | 2013-14 | MOROCCO- OCPF- India- ICRISAT Project | 9,50,000-00 |

**12.C. Details of linkage with ATMA**

a) Is ATMA implemented in your district Yes

If yes, role of KVK in preparation of SREP of the district? : Already SREP has been prepared and KSDA is Working accordingly in which we are partners in the Agricultural development process.

* Organised Krishi Mela at Gulbarga & B’Gudi (January)
* Bi monthly meetings
* Demonstration on major crops
* Refinement of technologies
* Organized farmer-scientist interaction meet
* Formation of commodity groups of district
* Resource persons for various training programmes conducted in the district

**Coordination activities between KVK and ATMA during 2013-14**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Programme** | **Particulars** | **No. of programmes attended by KVK staff** | **No. of programmes Organized by KVK** | **Other remarks (if any)** |
| 01 | Meetings | Action Plan Meet and Progress Meeting of ATMA Activities | 3 | - | - |
| 03 | Training programmes | On pulses | 02 | - | - |
| 04 | Demonstrations | Vermicompost  Transplanted redgram | 06 | - | - |
| 05 | Extension Programmes | | | | |
| Kisan Mela | Gulbarga and Raichur |  | - | - |
| Exhibition | Gulbarga and Raichur |  |  |  |
| 06 | Publications | | | | |
| 07 | Video Films | The Clipping on Transplanted Redgram and Efficient use of water were collated and voice over and editing is in progress |  | - | - |
| 08 | Extension Literature | IFS, Cotton production, INM in oilseeds, IPM in Pulses and Vermicompost as a boon for small and marginal farmers |  | - | - |

**12.D. Give details of programmes implemented under National Horticultural Mission:**-Nil-

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Programme** | **Nature of linkage** | **Funds received if any Rs.** | **Expenditure during the reporting period in Rs.** | **Constraints if any** |
| - | - | - | - | - | - |

**12.E. Nature of linkage with National Fisheries Development Board : -**Nil-

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Programme** | **Nature of linkage** | **Funds received if any Rs.** | **Expenditure during the reporting period in Rs.** | **Remarks** |
| **-** | **-** | **-** | **-** | **-** | **-** |

**12.F. Details of linkage with RKVY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Programme** | **Nature of linkage** | **Funds received if any Rs.** | **Expenditure during the reporting period in Rs.** | **Remarks** |
| - | - | - | - | - | - |

**12. G Kisan Mobile Advisory Services**

|  |  |  |  |
| --- | --- | --- | --- |
| **Month** | **No. of Voice /Text SMS sent** | **No. of farmers to which SMS was sent** | **No. of feedback / query on SMS sent** |
| April 2013 | 2 | 446 | * Farmers expressed pleasure for the voice sms sent on important and timely cultivation practices of Agriculture. * Farmers pleasured to here voice sms in local language * Many farmers visited KVK after hearing voice sms and discussed the technical aspects many cultivation practices especially weedicide, Non burning of Agricultural residues, many introducing new crops and varieties, apart from value addition and processing. Further, they are also requesting mentioning their friends name for voice sms |
| May 2013 | 3 | 667 |
| June 2013 | 1 | 222 |
| July 2013 | 6 | 2277 |
| August 2013 | 3 | 1245 |
| September 2013 | 19 | 8385 |
| October 2013 | 10 | 4500 |
| November 2013 | 6 | 2727 |
| December 2013 | 9 | 4464 |
| January 2014 | 8 | 3992 |
| February 2014 | 3 | 1497 |
| March 2014 | 0 | 0 |
| **Total for the year 2013-14** | **70** | **30422** |

We are sending the crop based timely agro advisory services (Agriculture, Horticulture, Sericulture, Dairy etc.,) through voice for wider benefit of farming community. The text SMS is also sending through **Kisan portal** from 23rd August 2013.

**PART XIII- PERFORMANCE OF INFRASTRUCTURE IN KVK**

**13.A. Performance of demonstration units (other than instructional farm) :** -Nil-

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Demo Unit** | **Year of**  **establishment** | **Area**  **(ha)** | **Details of production** | | | **Amount (Rs.)** | | **Remarks** |
| **Variety** | **Produce** | **Qty.** | **Cost of inputs** | **Gross income** |
| 1 | Mulberry | 2013-14 | 0.20 | Vishal & Suvaran | Commercial | 73 kgs | 8000 | 19439 | - |

**13.B. Performance of instructional farm (Crops) including seed production**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name**  **of the crop** | **Date of sowing** | **Date of harvest** | **Area (ha)** | **Details of production** | | | | | **Amount (Rs.)** | | | | **Remarks** |
| **Variety** | **Type of Produce** | | **Qty.  (Qlts)** | | **Cost of inputs /cultivation** | | **Gross income** | |
| **Cereals** | | | | | | | | | | | | | |
| **Foxtail**  **millet** | 7-7-2013 | 29-10-2014 | 0.20 | HMT 100-1 | TL | | 1.75 | | 500 | | 5250 | | @Rs. 3000/qtl |
| **Fodder Maize** | 12-2-2013 | At harvesting stage | 0.30 | SAT | TL | | - | | - | | - | | - |
| **Pulses –** | | | | | | | | | | | | | |
| Bengal  gram | 1-11-2013 | 9-2-2014 | 0.40 | JG-11 | | TL | | 10.38 | 5300 | | 62390 | | @Rs. 5500/qtl |
| Redgram | 6-7-2013 | 21-2-2014 | 0.30 | ICPH 2740 | | Commercial | | 7.00 | 6500 | | 28700 | | @ Rs 4100/qtl |
|  | 14-7-2013 | 14-2-2014 | 0.60 | BSMR736 | | Commercial | | 11.00 | 12400 | | 44000 | | @ Rs 4100/qtl |
| Greengram | 27-6-2013 | 24-8-2013 | 0.28 | BGS-9 | | TL | | 2.38 | 3000 | | 20230 | | @ Rs 8500/qtl |
| Gumgaur | 21-7-2013 | 14-1-2014 | 0.40 | HG 365 | | TL | | 4.00 | 3800 | | 60000 | | @ Rs  15000/qtl |
| **Flori**  **culture** |  | - |  | - | | - | | - | | - | | - | - |
| Marigold | 30-8-2013 | - | 0.20 | Calcatta | | Commercial | | 515 kg | | 6000 | | 11000 | @ Rs 25/kg |
| **Fruits** | - | - |  | - | | - | | - | | - | | - | - |
| **Vegetables** |  |  |  |  | |  | |  | |  | |  |  |
| - | - | - |  | - | | - | | - | | - | | - |  |
| **Others (specify)** | | |  | | | | | | | | | | |

**13.C. Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) :-**Nil-

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

**13. D. Performance of instructional farm (livestock and fisheries production) :**-Nil-

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No** | **Name**  **of the animal / bird / aquatics** | **Details of production** | | | **Amount (Rs.)** | | **Remarks** |
| **Breed** | **Type of Produce** | **Qty.** | **Cost of inputs** | **Gross income** |
|  |  |  |  |  |  |  |  |

**13.E. Utilization of hostel facilities :** Not yet established

Accommodation available (No. of beds) : -Nil-

|  |  |  |  |
| --- | --- | --- | --- |
| **Months** | **No. of trainees stayed** | **Trainee days (days stayed)** | **Reason for short fall**  **(if any)** |
| **-** | **-** | **-** | **-** |

**13.F. Database management**

|  |  |  |
| --- | --- | --- |
| **S. No** | **Database target** | **Database created** |
| 1 | Training programmes, Farmers visit to KVK and Scientist visit to farmers filed | Created in MS- Excel and MS- Access |

**13.G. Details on Rain Water Harvesting Structure and micro-irrigation system :-** Nil-

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Amount sanction (Rs.)** | **Expenditure (Rs.)** | **Details of infrastructure created / micro irrigation system etc.** | **Activities conducted** | | | | | **Quantity of water harvested in ‘000 liters** | **Area irrigated / utilization pattern** |
| **No. of Training programmes** | **No. of Demonstrations** | **No. of plant materials produced** | **Visit by farmers**  **(No.)** | **Visit by officials**  **(No.)** |
|  |  |  |  |  |  |  |  |  |  |

**PART XIV – FINANCIAL PERFORMANCE**

**14.A. Details of KVK Bank accounts**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Bank account** | **Name of the bank** | **Location** | **Branch code** | **Account Name** | **Account Number** | **MICR Number** | **IFSC Number** |
| With Host Institute | - | - | - | - | - | - | - |
| With KVK | SBI | Jewargi | 11280 | Gen.KVK | 32123915161 | - | 86234084544- |
| ICAR | SBI | Jewargi | 11280 | ICAR R.F | 32124059140 | - | 86234153496 |

**14.B. Utilization of KVK funds during the year 2013-14**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.**  **No.** | **Particulars** | **Sanctioned** | **Released** | **Expenditure** |
|  | **Recurring Contingencies** |  |  |  |
| 1 | **Pay & Allowances** | 4220000 | 385940 | 4212159 |
| 2 | **Traveling allowances** | 122000 | 18679 | 121255 |
| 3 | **A Contingencies** |  |  |  |
| *A* | Stationary and office expenses | 240000 | 5996 | 244836 |
| *B* | POL and R & M of vehicles | 135000 | 26808 | 180655 |
| *C* | Vocational Training (Meals) | 85000 | 4480 | 84960 |
| *D* | Vocational Training (Training Martials) | 80000 | 0 | 79727 |
| *E* | FLD (Other than oilseeds and pulses) | 250000 | 23052 | 249800 |
| *F* | On-Farm Testing | 50000 | 1850 | 44900 |
| *G* | Training of extension functionaries | 25000 | 0 | 24620 |
| *H* | Building maintenance | 0 | 0 | 0 |
| *I* | Extension activities | 50000 | 4200 | 49885 |
| *J* | Farmers field school | 30000 | 7000 | 29958 |
| *K* | Library maintenance | 20000 | 17019 | 19899 |
| **A** | **Total Recurring** | **5307000** | **495024** | **5342654** |
|  | **B Non-Recurring Contingencies** |  |  |  |
| 1 | **Works** | 6500000 | 0 | 461064 |
| 2 | **Equipments including SWTL & Furniture** | 0 | 0 | 0 |
| 3 | **Vehicle** (Four wheeler/Two wheeler, please specify) | 0 | 0 | 0 |
| 4 | **Library** (Purchase of assets like books & journals) | 0 | 0 | 0 |
| B | **Total Non Recurring** | **6500000** | **0** | **461064** |
| C | **REVOLVING FUND** | 0 | 0 | 0 |
| **D** | **GRAND TOTAL (A+B+C)** | **11807000** | **495024** | **5803718** |

**14.C. Status of revolving fund (Rs. in lakh) for the three years**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Opening balance as on 1st April** | **Income during the year** | **Expenditure during the year** | **Net balance in hand as on 1st April of each year** |
| April 2013 to March 2014 | 69406-00 | 525202 | 255268 | 339340-00 |

**15. Details of HRD activities attended by KVK staff during 2012-13**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the staff** | **Designation** | Title of the training programme | Institute where attended | Dates |
| Dr. Ravikumar | SMS  (Soil Science) | Training of trainers in Entrepreneurship development Programme | NI-MSME, Hyderabad | 16-9-2013  to  20-9-2013 |

**16. Please include any other important and relevant information which has not been reflected above (write in detail).**

**SUMMARY FOR 2013-14**

# I. TECHNOLOGY ASSESSMENT

**Summary of technologies assessed under various crops**

|  |  |  |  |
| --- | --- | --- | --- |
| **Thematic areas** | **Crop** | **Name of the technology assessed** | **No. of trials** |
| Integrated Nutrient Management | Mulberry | Integrated Nutrient Management in mulberry | 05 |
| Intercropping | Sugarcane | Popularization of intercropping in sugarcane | 02 |
| Cotton | Popularization of intercropping in Bt Cotton | 05 |
|  | Total |  | 12 |

**Summary of technologies assessed under livestock:** -Nil-

|  |  |  |  |
| --- | --- | --- | --- |
| **Thematic areas** | **Name of the livestock enterprise** | **Name of the technology assessed** | **No. of trials** |
| - | - | - | - |

**Summary of technologies assessed under various enterprises**

|  |  |  |  |
| --- | --- | --- | --- |
| **Thematic areas** | **Enterprise** | **Name of the technology assessed** | **No. of trials** |
| **-** | **-** | **-** | **-** |

**Summary of technologies assessed under home science**

|  |  |  |  |
| --- | --- | --- | --- |
| **Thematic areas** | **Enterprise** | **Name of the technology assessed** | **No. of trials** |
| **-** | **-** | **-** | **-** |

# II. TECHNOLOGY REFINEMENT

**Summary of technologies refined under various crops**

|  |  |  |  |
| --- | --- | --- | --- |
| **Thematic areas** | **Crop** | **Name of the technology refined** | **No. of trials** |
| **-** | **-** | **-** | **-** |

**Summary of technologies assessed under refinement of various livestock**

|  |  |  |  |
| --- | --- | --- | --- |
| **Thematic areas** | **Name of the livestock enterprise** | **Name of the technology refined** | **No. of trials** |
| - | - | - | - |
| **Total** | | |  |

**Summary of technologies refined under various enterprises**

|  |  |  |  |
| --- | --- | --- | --- |
| **Thematic areas** | **Enterprise** | **Name of the technology assessed** | **No. of trials** |
| **-** | **-** | **-** | **-** |

**Summary of technologies refined under home science**

|  |  |  |  |
| --- | --- | --- | --- |
| **Thematic areas** | **Enterprise** | **Name of the technology assessed** | **No. of trials** |
| **-** | **-** | **-** | **-** |

**III. FRONTLINE DEMONSTRATION**

**Crops**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Crop** | **Name of the techno**  **logy demonstrated** | **Variety** | **Hybrid** | **Farming situation** | **No. of Demo** | **Area**  **(ha)** | **Yield (q/ha)** | | | | **% Increase** | **\*Economics of demonstration (Rs./ha)** | | | | **\*Economics of check**  **(Rs./ha)** | | | | |
| **Demo** | | | **Check** | **Gross**  **Cost** | **Gross**  **Return** | **Net Return** | **\*\***  **BCR** | **Gross**  **Cost** | **Gross**  **Return** | **Net Return** | | **\*\***  **BCR** |
| **H** | **L** | **A** |
| **Oilseeds** | | | | | | | | | | | | | | | | | | | | |
| Groundnut | INM |  |  | Rabi-Summer 2013 | 10 | 5 | 28.3 | 22.72 | 25.32 | 20.25 | 25.03 | 31250 | 81024 | 49774 | 2.59 | 31250 | 64800 | 33550 | | 2.07 |
| **Pulses** | | | | | | | | | | | | | | | | | | | | |
| Bengalgram | ICM | JG-11 | - | Rabi 2013 | 10 | 4 | 20.62 | 15.24 | 16.87 | 13.25 | 27.32 | 17250 | 49767 | 32517 | 2.89 | 17250 | 39088 | 21838 | | 2.27 |
| Redgram | ICM | BSMR-736 | - | Kharif  2013 | 10 | 4 | 31.87 | 23.85 | 28.00 | 12.20 | 129.0 | 23750 | 114800 | 91050 | 4.83 | 23750 | 50020 | 26270 | | 2.11 |
| Pules | Safe storage techniques | JG-11 &  TS 3R | - | Summer 2013 | 5 | 5 units | It is under progress & results awaited | | | | | | | | | | | | | |
| Greengram | Popularization of  Improved varieties | BGS-9 | - | Kharif  2013 | 10 | 4 | 15.50 | 10.75 | 11.87 | 9.02 | 31.59 | 18750 | 68846 | 50096 | 3.67 | 18750 | 52316 | 33566 | | 2.79 |
| **Cereals** | | | | | | | | | | | | | | | | | | | | |
| Sorghum | Popularization of sorghum variety | JP1-5 | - | Kharif  2013 | 10 | 4 | 26.45 | 22.55 | 23.14 | 17.22 | 34.37 | 12750 | 48594 | 35844 | 3.81 | 12750 | 36162 | 23412 | | 2.84 |
| Paddy | ICM | - | - | Kharif  2013 | 10 | 4 | 81.02 | 72.15 | 76.87 | 64.35 | 19.46 | 38750 | 122992 | 84242 | 3.17 | 38750 | 102960 | 64210 | | 2.66 |
| **Millets** | | | | | | | | | | | | | | | | | | | | |
| Foxtail | Popularization of foxtail millet | HMT 100-1 | - | Kharif  2013 | 5 | 2 | 17.20 | 12.52 | 14.30 | 11.30 | 26.65 | 11375 | 28600 | 17225 | 2.51 | 11375 | 22600 | 11225 | | 1.99 |
| **Commercial** | | | | | | | | | | | | | | | | | | | | |
| Chilli | ICM in chilli | NP46-A |  | Kharif  2013 | 5 | 1 | 30.77 | 24.37 | 27.37 | 20.85 | 31.27 | 46250 | 183379 | 137129 | 3.96 | 46250 | 131186 | 84936 | | 2.84 |
| Fodder | Fodder bank |  | - | Kharif  2013 | 10 | 4 | 115 t/ha (Green foliage) | | | | | | | | | | | | | |
| Sericulture | Promotion of Rotary montages | - | - | Rabi  2013 | 3 | 1 | 64.3  kg/  100  DFLs (Cocoon) | 61.50 kg/  100  DFLs (Cocoon) | 62.9 kg/  100  DFLs (Cocoon) | 61.50 kg/  100  DFLs (Cocoon) | 2.27 | 8150/100  DFLs | 31507  100  DFLs | 23357  100  DFLs | 3.86 | 7410 | 27060 | 19650 | 3.65 | |
| Others (IFS) |  | - | - | Kharif  2013 | 5 | 5 units | Results awaited | | | | | | | | | | | | | |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST H – Highest Yield, L – Lowest Yield A – Average Yield

**Data on additional parameters other than labour saved (viz., reduction in drudgery, time etc.)**

|  |  |  |
| --- | --- | --- |
| **Data on other parameters in relation to technology demonstrated** | | |
| **Parameter with unit** | **Demo** | **Check** |
| **Groundnut-**  1. No of Pods/plant  2. No. of Kernal /pod  3. Test weight (gm) | 35  2  23.1 | 28  2  20.3 |
| **Bengalgram-**  1. No of Pods/plant  2. No of Seeds/pod 3. Test weight (gm) | 122  1  22.8 | 105  1  20.5 |
| **Redgram**  1. No of Pods/plant  2. No of Seeds/pod 3. Test weight (gm) | 315  6  7.5 | 272  4  6.7 |
| **Greengram**  1. No of Pods/plant  2. No of Seeds/pod 3. Test weight (gm) | 20  10  4.5 | 14  8  3.3 |
| **Sorghum**  1. Test weight (gm) | 5.2 | 4.3 |
| **Paddy**  1. No of Productive tiller/plant  2. No of panicle/tiller 3. Test weight (gm) | 27  3  3.4 | 22  2  3.1 |
| **Foxtail**   1. Test weight 2. Panicle length (cm) | 0.32  12 | 0.27  9 |
| **Chilli**  1. No of Fruits/plant  2. Fruit weight (gm) | 115  9.5 | 85  6.5 |

5.B.2. Livestock and related enterprises : - Nil-

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Type of livestock | Name of the technology demonstrated | Breed | No. of Demo | No.  of Units | Yield (q/ha) | | | | % Increase | \*Economics of demonstration Rs./unit) | | | | \*Economics of check  (Rs./unit) | | | |
| Demo | | | Check if any | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| H | L | A |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

**Data on additional parameters other than yield (viz., reduction of percentage diseases, increase in conceiving rate, inter-calving period etc.)**

|  |  |  |
| --- | --- | --- |
| **Data on other parameters in relation to technology demonstrated** | | |
| **Parameter with unit** | **Demo** | **Check if any** |
| - | - | - |

5.B.3. Fisheries :- Nil-

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Type of Breed | Name of the technology demonstrated | Breed | No. of Demo | Units/ Area (m2) | Yield (q/ha) | | | | % Increase | \*Economics of demonstration Rs./unit) or (Rs./m2) | | | | \*Economics of check  Rs./unit) or (Rs./m2) | | | |
| Demo | | | Check if any | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| H | L | A |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST H-High L-Low, A-Average

**Data on additional parameters other than yield (viz., reduction of percentage diseases, effective use of land etc.)**

|  |  |  |
| --- | --- | --- |
| **Data on other parameters in relation to technology demonstrated** | | |
| **Parameter with unit** | **Demo** | **Check if any** |
| - | - | - |

5.B.4. Other enterprises:-Nil-

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enterprise | Name of the technology demonstrated | Variety/ species | No. of Demo | Units/ Area {m2} | Yield (q/ha) | | | | % Increase | \*Economics of demonstration (Rs./unit) or (Rs./m2) | | | | \*Economics of check  (Rs./unit) or (Rs./m2) | | | |
| Demo | | | Check if any | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| H | L | A |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

H-High L-Low, A-Average

5.B.5. Farm implements and machinery:-Nil-

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name of the implement | Cost of the implement in Rs. | Name of the technology demonstrated | No. of Demo | Area covered under demo  in ha | Labour requirement in Mandays | | % save | Savings in labour (Rs./ha) | \*Economics of demonstration (Rs./ha) | | | | \*Economics of check  (Rs./ha) | | | |
| Demo | Check | Gross cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

\* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

Women empowerment: - Nil-

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Category | Name of technology | No. of KVKs | No. of demonstrations | Name of observations | Demonstration | Check |
| Women | - | - | - | - | - | - |
| Children | - | - | - | - | - | - |

**PART VI – DEMONSTRATIONS ON CROP HYBRIDS**

**Demonstration details on crop hybrids: Nil**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Type of Breed | Name of the technology demonstrated | Name of the hybrid | No. of Demo | Area (ha) | Yield (q/ha) | | | | % Increase | \*Economics of demonstration (Rs./ha) | | | | \*Economics of check  (Rs./ha) | | | |
| Demo | | | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| H | L | A |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

H-High L-Low, A-Average

\*Please ensure that the name of the hybrid is correct pertaining to the crop specified

**PART VII. TRAINING**

**Training of Farmers and Farm Women including sponsored training programmes (On campus)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
| **Crop Production** |  |  |  |  |  |  |  |  |  |  |
| Crop Diversification | 2 | 54 | 0 | 54 | 12 | 0 | 12 | 66 | 0 | 66 |
| Integrated Farming | 1 | 28 | 2 | 30 | 4 | 0 | 4 | 32 | 2 | 34 |
| Others (Pre mansoon preparation for Kahrif Season ) | 2 | 128 | 0 | 128 | 15 | 0 | 15 | 143 | 0 | 143 |
| Others ( Improved production techniques in pulses) | 1 | 81 | 0 | 81 | 28 | 0 | 28 | 109 | 0 | 109 |
| Others (Preparation for Rabi crops) | 1 | 28 | 2 | 30 | 2 | 0 | 2 | 30 | 2 | 32 |
| **Home Science/Women empowerment** |  |  |  |  |  |  |  |  |  |  |
| Women empowerment | 2 | 0 | 116 | 116 | 0 | 44 | 44 | 116 | 44 | 160 |
| **Agril. Engineering** |  |  |  |  |  |  |  |  |  |  |
| Post Harvest Technology | 1 | 48 | 0 | 48 | 4 | 0 | 4 | 52 | 4 | 56 |
| **Plant Protection** |  |  |  |  |  |  |  |  |  |  |
| Bio-control of pests and diseases | 1 | 40 | 0 | 40 | 4 | 0 | 4 | 44 | 4 | 48 |
| **TOTAL** | **11** | **407** | **120** | **527** | **69** | **44** | **113** | **592** | **56** | **648** |

**M- Male F-Female**

**Training of Farmers and Farm Women including sponsored training programmes (Off campus)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No.**  **of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| M | F | Total | M | F | Total | M | F | Total |
| **Crop Production** | | | | | | | | | | |
| Integrated Farming | 2 | 52 | 32 | 84 | 7 | 4 | 11 | 59 | 36 | 95 |
| Integrated Crop Management | 8 | 265 | 19 | 284 | 68 | 27 | 95 | 333 | 46 | 379 |
| Others (Pre Season Preparation & for Kharif crops) | 10 | 406 | 101 | 507 | 58 | 30 | 88 | 464 | 131 | 595 |
| Others (Pre Season Preparation & for rabi crops) | 1 | 36 | 4 | 40 | 4 | 0 | 4 | 40 | 4 | 44 |
| Others (Transplanting Method) | 1 | 15 | 1 | 16 | 2 | 0 | 2 | 17 | 1 | 18 |
| Others (Marketing) | - | - | - | - | - | - | - | - | - | - |
| Other (Organic & Natural farming) | 3 | 125 | 58 | 183 | 29 | 4 | 33 | 154 | 62 | 216 |
| **Horticulture** | | | | | | | | | | |
| **a) Vegetable Crops** |  |  |  |  |  |  |  |  |  |  |
| Others (Nutritional gardening ) | 1 | 0 | 48 | 48 | 0 | 12 | 12 | 0 | 60 | 60 |
| **Soil Health and Fertility Management** |  |  |  |  |  |  |  |  |  |  |
| Soil fertility management | 3 | 114 | 66 | 180 | 33 | 12 | 45 | 147 | 78 | 225 |
| **Home Science/Women empowerment** |  |  |  |  |  |  |  |  |  |  |
| Women empowerment | 1 | 0 | 34 | 34 | 0 | 3 | 3 | 0 | 37 | 37 |
| **Agril. Engineering** |  |  |  |  |  |  |  |  |  |  |
| Post Harvest Technology | 1 | 74 | 0 | 74 | 8 | 0 | 8 | 82 | 0 | 82 |
| **Plant Protection** |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management | 4 | 117 | 34 | 151 | 14 | 0 | 14 | 131 | 34 | 165 |
| Bio-control of pests and diseases | 1 | 15 | 0 | 15 | 4 | 0 | 4 | 19 | 0 | 19 |
| **Production of Inputs at site** |  |  |  |  |  |  |  |  |  |  |
| Vermi-compost production | 3 | 44 | 109 | 153 | 6 | 11 | 17 | 50 | 120 | 170 |
| **Capacity Building and Group Dynamics** |  |  |  |  |  |  |  |  |  |  |
| Leadership development | 2 | 48 | 1 | 49 | 7 | 0 | 7 | 55 | 1 | 56 |
| **TOTAL** | **41** | **1311** | **507** | **1818** | **240** | **103** | **343** | **1551** | **610** | **2161** |

**M- Male F-Female**

**Training for Rural Youths including sponsored training programmes (on campus):**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
| Sericulture | 1 | 46 | 0 | 46 | 4 | 0 | 4 | 46 | 4 | 50 |
| **TOTAL** | **1** | **46** | **0** | **46** | **4** | **0** | **4** | **46** | **4** | **50** |

**M- Male F-Female**

**Training for Rural Youths including sponsored training programmes (off campus)**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | | |
| **General** | | | **SC/ST** | | | | **Grand Total** | | |
| **M** | **F** | **Total** | **M** | **F** | | **Total** | **M** | **F** | **Total** |
| Sericulture | 1 | 28 | 0 | 28 | 2 | 0 | | 2 | 30 | 0 | 30 |
| Dairying | 1 | 28 | 0 | 28 | 2 | 0 | 2 | | 30 | 0 | 30 |
| Any other (Importance of FFS in transfer of technology) | 1 | 51 | 0 | 51 | 4 | 0 | 4 | | 55 | 0 | 55 |
| **TOTAL** | **3** | **107** | **0** | **107** | **8** | **0** | | **8** | **115** | **0** | **115** |

**M- Male F-Female**

**Training programmes for Extension Personnel including sponsored training programmes**

**(on campus)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
| Integrated Nutrient management | 1 | 38 | 2 | 40 | 8 | 0 | 8 | 46 | 10 | 56 |
| **Total** | **1** | **38** | **2** | **40** | **8** | **0** | **8** | **46** | **2** | **48** |

**M- Male F-Female**

**Training programmes for Extension Personnel including sponsored training programmes**

**(off campus)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
| Integrated Pest Management | 1 | 65 | 0 | 65 | 5 | 0 | 5 | 70 | 0 | 70 |
| **Total** | **1** | **65** | **0** | **65** | **5** | **0** | **5** | **70** | **0** | **70** |

Male F-Female

Sponsored training programmes conducted :-Nil-

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
| **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** |

**M- Male F-Female**

**Details of sponsoring agencies involved**

**Details of Vocational Training Programmes carried out by KVKs for rural youth** –Nil-

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.**  **No.** | **Area of training** | **No. of**  **Courses** | **No. of Participants** | | | | | | | | |
| **General** | | | **SC/ST** | | | **Grand Total** | | |
| **M** | **F** | **Tot** | **M** | **F** | **Tot** | **M** | **F** | **Tot** |
| **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** |

V. Extension Programmes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Activities** | **No. of**  **programmes** | **No. of**  **farmers** | **No. of Extension Personnel** | **TOTAL** |
| Advisory Services | 446 | 446 | 65 | 511 |
| Diagnostic visits | 70 | 70 | - | 70 |
| Field Day | 7 | 489 | 19 | 508 |
| Group discussions/ Meetings | 2 | 92 | 2 | 94 |
| Film Show | 4 | 472 | 10 | 482 |
| Self -help groups | 2 | 42 | 26 | 68 |
| Kisan Mela | 4 | 2390 | 67 | 2457 |
| Exhibition | 3 | 786 | 16 | 802 |
| Scientists' visit to farmers field | 209 | 192 | 17 | 209 |
| Plant/animal health camps | 1 | 340 (Animals) | - | 340 |
| Method Demonstrations | 8 | 466 | 9 | 475 |
| Celebration of important days | 2 | 83 | 0 | 83 |
| Exposure visits | 9 | - | - | - |
| **Total** | **767** | **5528 + 340 Animals** | **231** | **6099** |

Details of other extension programmes

|  |  |
| --- | --- |
| **Particulars** | **Number** |
| Electronic Media | 506 farmers |
| Extension Literature | 12 (1000 each) |
| News paper coverage | 29 |
| Technical Articles | 4 |
| Radio Talks | 2 |
| TV Talks | 13 |
| Animal health amps (Number of animals treated) | 1 (340 animals) |
| **Total** | **567** |

**VI– PRODUCTION OF SEED, PLANT AND LIVESTOCK MATERIALS**

**Production of seeds by the KVKs**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Crop category | **Name of the crop** | **Variety** | **Hybrid** | **Quantity of seed (qtl)** | **Value (Rs)** | **Number of farmers to whom provided** |
| Cereals | Jowar | JP 1-5 | - | 4.0 | 20800 | Farmers |
| Maize | SAT | - | 3.0 | 12000 | Farmers |
| Foxtail millet | HMT 100-1 | - | 1.0 | 4500 |  |
| Pulses | Redgram | BSMR  736 | - | 11.00 | 44,000 | Commercial |
| Redgram | - | ICPH 2740 | 7.00 | 28000 | Commercial |
| Bengalgram | JG 11 | - | 10.82 | 38000 | Seed production |
| Greengram | BGS-9 | - | 2.38 | 20230 | Seed production |
| Gumgaur | HG 365 | - | 4.0 | 60000 | Seed production |
| Flower crops | Marigold | Calcatta | - | 515 kg | 15450 | Commercial |
| **Total** | | | | | **242980** |  |

# Production of planting materials by the KVKs :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Crop category | Name of the crop | Variety | Hybrid | Number | Value (Rs.) | Number of farmers to whom provided |
| Pulses | Redgram | BSMR-736 | - | 100000 | 100000 | Farmers |
| Vegetable seedlings | Drumstick | Bhagya | - | 720 | 7200 | Farmers |
| **Total** | - | - |  | **100720** | **107200** | - |

**9**

**P**

**P**

**Production of Bio-Products : -Nil-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Bio Products** | **Name of the bio-product** | **Quantity**  **Kg** | **Value (Rs.)** | **Number of farmers to**  **whom provided** |
| **-** | **-** | **-** | **-** | **-** |

# Production of livestock materials : -Nil-

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Particulars of Live stock | **Name of the breed** | **Number** | **Value (Rs.)** | **Number of farmers to whom provided** |
| - | **-** | **-** | **-** | **-** |

**VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS 2013-14:** Not yet established

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Samples | **No. of Samples** | **No. of Farmers** | **No. of Villages** | **Amount**  **realized (Rs.)** |
| - | **-** | **-** | **-** | **-** |

**VIII. SCIENTIFIC ADVISORY COMMITTEE**

|  |
| --- |
| **Number of SACs conducted** |
| 01 |

**IX. NEWSLETTER**

|  |
| --- |
| **Number of issues of newsletter published** |
| - |

**X. RESEARCH PAPER PUBLISHED**

|  |
| --- |
| **Number of research paper published** |
| - |

**XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Activities conducted** | | | | |
| **No. of Training programmes** | **No. of Demonstration s** | **No. of plant materials produced** | **Visit by farmers**  **(No.)** | **Visit by officials**  **(No.)** |
| - | - | - | - | - |

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