|  |  |  |
| --- | --- | --- |
|  | **Krishi Vigyan Kendra**  **Sahibganj – 816 109**  **(BIRSA AGRICULTURAL UNIVERSITY)** |  |

1. GENERAL INFORMATION ABOUT THE KVK

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

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Telephone | | E mail |
| Office | FAX |
| Krishi Vigyan Kendra, Sahibganj | 09430112886 | ­- | [sahibganjkvk@gmail.com](mailto:sahibganjkvk@gmail.com) |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Telephone | | E mail |
| Office | FAX |
| Birsa Agricultural University, Kanke, Ranchi, 834 006 (Jharkhand) | 0651-2450500 | 0651- 2450850 | [vc@bauranchi.org](mailto:vc@bauranchi.org)  [deebau@gmail.com](mailto:deebau@gmail.com) |

1.3. Name of the Head with phone & mobile No.

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Telephone / Contact | | |
| Residence | Mobile | Email |
| Dr. Amrit Kumar Jha | Jay Prakash Colony, Sakrugarh, Sahibganj | 09430112886 | [akjhabau@rediffmail.com](mailto:akjhabau@rediffmail.com) |

1.4. Year of sanction of KVK: F.No. 6-4/2003-AE-I dt. 30/07/2004

**1.5. Staff Position (as on 1st April, 2018)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Sanctioned post** | **Name of the incumbent** | **Designation** | **Discipline** | **Pay**  **Scale with present basic** | **Date of joining/ if vacant since when** | **Permanent**  **/Temporary** | **Category (SC/ST/**  **OBC/**  **Others)** |
| 1 | Head and Senior Scientist | Vacant | - | - | - | - | - | - |
| 2 | Scientist | Dr. A.K. Jha | I/C Head and Scientist | Soil Science | Rs.15600-39100/-  Rs.24,850/- | 19-07-2004 | Permanent | Others |
| 3 | Scientist | Dr. B.K. Mehta | Scientist | Agril. Engg. | Rs.15600-39100/-  Rs.24,850/- | 20-07-2004 | Permanent | Others |
| 4 | Scientist | Dr. Maya Kumari | Scientist | Home Science | Rs.15600-39100/-  Rs.24,850/- | 09-08-2004 | Permanent | OBC |
| 5 | Scientist | Dr. Rakesh Ranjan | Scientist | Horticulture | Rs.15600-39100/-  Rs.24,850/- | 15-03-2005 | Permanent | OBC |
| 6 | Scientist | Vacant |  |  |  |  |  |  |
| 7 | Scientist | Vacant |  |  |  |  |  |  |
| 8 | Scientist | Vacant |  |  |  |  |  |  |
| 9 | Farm Manager | Mr. K. Chatterjee | Farm Manager | Agronomy | Rs.9300-34800/-  Rs.16,900/- | 20-07-2004 | Permanent | Others |
| 10 | Computer  Programmer | Mr. M. Kumar | Computer Assistant | BA (Hons) DCA | Rs.9300-34800/-  Rs.15,500/- | 22-07-2004 | Permanent | OBC |
| 11 | Accountant / Superintendent | Mr. Bhagwan Sah |  |  | Rs.11,000/- (Fixed) |  | Temporary | OBC |
| 12 | Stenographer | Mr. S. Kumar |  |  | Rs. 9,000/- (Fixed) |  | Temporary | Others |
| 13 | Driver | Vacant |  |  |  |  |  |  |
| 14 | Driver | Vacant |  |  |  |  |  |  |
| 15 | Supporting staff | Mr. Rakesh K Jha |  |  | Rs. 7,000/- (Fixed) |  | Temporary | Others |
| 16 | Supporting staff | Mr. Sant L. Mandal |  |  | Rs. 7,000/- (Fixed) |  | Temporary | OBC |

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

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Item** | **Area (ha)** |
| 1 | Under Buildings | 1.00 |
| 2. | Under Demonstration Units | 0.00 |
| 3. | Under Crops | 6.78 |
| 4. | Orchard/Agro-forestry | 0.40 |
| 5. | Mother Plant Nursery | 1.00 |
| 6. | Technological Park | 0.40 |
| 7. | Meteorological Observatory | 0.02 |
| 8. | Ponds | 0.80 |
|  | Total | 10.40 |

*Total area should be matched with breakup*

**1.7. Infrastructure Development:**

**A) Buildings and others**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S. No. | Name of infrastructure | Not yet started | Completed up to plinth level | Completed up to lintel level | Completed up to roof level | Totally completed | Plinth area (sq.m) | Under use or not\* | Source of funding |
| 1. | Administrative  Building |  |  |  |  |  |  | Under use | ICAR |
| 2. | Farmers Hostel |  |  |  |  |  |  |  | ICAR |
| 3. | Staff Quarters (6) |  |  |  |  |  |  |  | ICAR |
| 4. | Piggery unit |  |  |  |  |  |  |  | ICAR |
| 5 | Fencing |  |  |  |  |  |  |  | ICAR |
| 6 | Rain Water harvesting structure |  |  |  |  |  |  |  | ICAR |
| 7 | Threshing floor |  |  |  |  |  |  | Under use | ICAR |
| 8 | Farm godown |  |  |  |  |  |  | Under use | ICAR |
| 9. | Dairy unit |  |  |  |  |  |  |  | ICAR |
| 10. | Poultry unit |  |  |  |  |  |  |  | ICAR |
| 11. | Goatary unit |  |  |  |  |  |  |  | ICAR |
| 12. | Mushroom Lab |  |  |  |  |  |  |  | ICAR |
| 13. | Mushroom production unit |  |  |  |  |  |  |  | ICAR |
| 14. | Shade house |  |  |  |  |  |  |  | ICAR |
| 15. | Soil test Lab |  |  |  |  |  |  |  | ICAR |
| 16 | Others, Please Specify |  |  |  |  |  |  |  |  |

\* If not in use then since when and reason for non-use

**B) Vehicles**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type of vehicle | Year of purchase | Cost (Rs.) | Total km Run | Present status |
| Jeep  Model – Bolero  Mahindra make | 2005 | 486584.00 | 10,245 km | Running Condition |
| Tractor  Massey Fargusan Make | 2006 | 500000.00 | 124 hr | Running Condition |
| Tractor  Eicher Make | 2014 | 600000.00 | 4 hr | Running Condition |
| Tractor  Eicher Make | 2014 | 600000.00 | 4 hr | Running Condition |
| Motorcycle  Model Glamour, Hero Make | 2016 | 60000.00 | 2542 km | Running Condition |
| Motorcycle  Model Glamour, Hero Make | 2016 | 60000.00 | 1126 km | Running Condition |

**C) Equipment & AV aids**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of equipment** | **Year of purchase** | **Cost (Rs. In Lakh)** | **Present status** | **Source of fund** |
| **a. Lab equipment** | | | | |
| Mini Soil Testing Kit | 2016 | 0.75 | Working | ICAR |
| Mini Soil Testing Kit | 2017 | 0.96 | Working | ICAR |
| **b. Farm machinery** | | | | |
|  |  |  |  |  |
|  |  |  |  |  |
| **c. AV Aids** | | | | |
| Computer and Accessories | 2007 | 1.25 | Working | ICAR |
| Laser Printer | 2007 | 0.20 | Working | ICAR |
| Fax | 2007 | 0.15 | Not working | ICAR |
| Xerox machine | 2007 | 0.75 | Not working | ICAR |
| Stabilizer | 2007 | 0.18 | Working | ICAR |
| LCD Projector, Screen, UPS & Laser Pointer | 2009 | 0.94 | Working | ICAR |
| Digital Camera(Sony) 6 Megapixel | 2007 | 0.165 | Not working | ICAR |
| Printer Mode-Xerox Phaser 3117 | 2012 | 0.055 | Working | ICAR |
| Sony Digital Camera 14.1 megapixel | 2012 | 0.061 | Working | ICAR |
| Ink jet Colour Printer | 2012 | 0.137 | Working | NABARD |
| Computer and Accessories | 2012 | 0.357 | Working | NABARD |
| Laser Printer | 2012 | 0.188 | Working | NABARD |
| Computer and Accessories | 2007 | 1.25 | Working | ICAR |

**D) Farm implements**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of equipment** | **Year of purchase** | **Cost (Rs.)** | **Present status** | **Source of fund** |
| Seed cum fertilizer drill | 2007 | 18200.00 | Not working | ICAR |
| Seed drill | 2007 | 18500.00 | Not working | ICAR |
| Rotavator | 2007 | 88585.00 | Not working | ICAR |
| Grass cutter | 2007 | 38500.00 | Not working | ICAR |
| Cultivator | 2006 | 14200.00 | Working | ICAR |
| Land leveler | 2006 | 8080.00 | Not working | ICAR |
| Disc Plough | 2007 | 26995.00 | Working | ICAR |
| MB Plough | 2007 | 26993.00 | Working | ICAR |
| Trailer | 2006 | 76500.00 | Working | ICAR |
| Offset disc harrow | 2006 | 28020.00 | Not working | ICAR |
| Power sprayer | 2007 | 48500.00 | Not working | ICAR |
| Case wheel nut-bolt type | 2007 | 5250.00 | Working | ICAR |
| Line Maker | 2012 | - | Working | Soil Conservation, Sahibganj |
| Cono weeder | 2012 | - | Working | Soil Conservation, Sahibganj |
| Manual sprayer, Plastic barrei, Brass Barrel | 2012 | - | Working | Soil Conservation, Sahibganj |
| Rocking sprayer High Jet Pump | 2012 | - | Working | Soil Conservation, Sahibganj |
| Battery Operated Sprayer | 2012 | - | Working | Soil Conservation, Sahibganj |
| Fertilizer Broadcaster/Duster | 2012 | - | Working | Soil Conservation, Sahibganj |
| Power Sprayer | 2012 | - | Working | Soil Conservation, Sahibganj |
| Pumpset SHP with Sprinkler system | 2012 | - | Working | Soil Conservation, Sahibganj |

**1.8. Details SAC meeting\* conducted in the year (24th February 2017)**

|  |  |  |
| --- | --- | --- |
| **S.N.** | **Salient Recommendations** | **Action Taken** |
| 1 | * Training should be conducted in the field of repair and maintenance of farm implements. | Four training programmes two for practicing farmers and two for rural youth were organized on repair and maintenance of farm implements where 120 participants participated. |
| 2 | * Training of rural youth should be emphasized on entrepreneurship development particularly in the field of mushroom production, bee keeping, seed villages etc. Feedback of these trainings must be generated. | Six training programmes for 180 rural youth were organized for entrepreneurship development. Three programmes were conducted on bee keeping and two programmes were conducted each on mushroom production and seed village. |
| 3 | * Training of farm women engaged in livestock maintenance should be conducted. | Due to unavailability of Scientist (AH), training for farm women engaged in livestock maintenance could not be conducted. |
| 4 | * Training and front line demonstration on fodder crops should be conducted. | Four training programmes for 133 farmers were organized on fodder production techniques. FLDs on fodder crops will be undertaken during 2018-19. |
| 5 | * FLDs on vaccination of livestock may be taken initially. | Due to unavailability of Scientist (AH), FLDs on vaccination of livestock could not be conducted. |
| 6 | * FLDs should be conducted on crop diversification especially on high value vegetable crops. | Front line demonstration on turmeric cv Rajendra Sonia were conducted. |
| 7 | * On Farm Trial should also be formulated for prominent vegetables crops of the district. | Two On Farm Trials on plant protection measures of brinjal and chilli were planned and conducted during 2017-18. |
| 8 | * An OFT on control of different weed mass in rice should be formulated with the consultation of Scientist (Weed Control) BAU, Ranchi. | OFT on “Weed management in transplanted rice” were planned and conducted. |
| 9 | * Planting material production for different fruit crops available at Mother Plant Nursery should be initiated. | Due to unavailability of Scientist (Horticulture), planting material production could not be started. |
| 10 | * KVK should also work in the field of medicinal plants. | Production of some medicinal plants at KVK, Farm will be started in kharif 2018-19 |
| 11 | * Mushroom spawn seed production should be initiated in KVK in smaller scale. | Due to unavailability of equipment, mushroom spawn seed production could not be started. |

*Attach a copy of SAC proceedings along with list of participants* (**Enclosed as Annexure I**)

**2a. District level data on agriculture, livestock and farming situation (2017-18)**

|  |  |  |
| --- | --- | --- |
| Sl. no. | Item | Information |
| 1 | Major Farming system/enterprise |  |
| 2 | Agro-climatic Zone |  |
| 3 | Agro ecological situation |  |
| 4 | Soil type |  |
| 5 | Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others |  |
| 6 | Mean yearly temperature, rainfall, humidity of the district |  |
| 7 | Production of major livestock products like milk, egg, meat etc. |  |

2a.1 Major farming systems/enterprises (based on the analysis made by the KVK)

|  |  |
| --- | --- |
| S. No | Farming system/enterprise |
| 1. | Paddy – Wheat |
| 2. | Paddy – Fallow |
| 3. | Paddy – Mustard / Linseed / Lentil |
| 4. | Sugarcane – Sugarcane |
| 5. | Maize – Maize |
| 6. | Maize – Vegetables |
| 7. | Maize – Black gram |
| 8. | Maize-Wheat |
| 9. | Cow pea + Bajra/Maize – Fallow (Hill agril.) |

2a.2 Description of Agro-climatic Zone

|  |  |  |
| --- | --- | --- |
| S. No | Agro-climatic Zone | Characteristics |
| 1 | Zone IV  Central and North Eastern Plateau | This zone is characterized by humid to sub-humid tropical monsoon type of climate. The district receives an annual rainfall of 1500 mm and most of the rain occurs during the rainy season. During winter it becomes cool and record average temperature of 150C but during summer temperature ranges from 300C to 400C. |

2a.3 Agro Ecological Situations

|  |  |  |
| --- | --- | --- |
| S. No | Agro ecological situation | Characteristics |
| 1. | AES – 1 | Alluvial Soil  Irrigated Condition |
| 2. | AES – 2 | Black Soil  Irrigated Condition |
| 3. | AES – 3 | Black Soil  Rainfed Condition |
| 4. | AES – 4 | Red Lateritic soil |

2a.4 Soil types

|  |  |  |  |
| --- | --- | --- | --- |
| S. N | Soil type | Characteristics | Area in ha |
| 1. | Entisols | Coarse loamy, mixed, hyperthermic Typic Endoaquents Fine loamy, mixed, hyperthermic Typic Ustifluvents Fine silty, mixed, hyperthermic Typic Ustifluvents Coarse loamy, mixed, hyperthermic Typic Ustifluvents Coarse loamy, mixed, hyperthermic Aquic Ustifluvents | 16800 |
| 2. | Inceptisols | Fine silty, mixed, hyperthermic Typic HaplusteptsFine, mixed, hyperthermic Aeric Endoaquepts Fine silty, mixed, hyperthermic Typic Haplustepts Fine, mixed, hyperthermic Aeric Endoaquepts  Fine loamy, mixed, hyperthermic Typic Haplustepts Fine, mixed, hyperthermic Aeric Endoaquepts Fineloamy,mixed,hyperthermic Typic Haplustepts Fine, mixed, hyperthermic Vertic Haplustepts Clayey-skeletal, mixed, hyperthermic Typic Haplustepts Fine, mixed, hyperthermic Vertic Haplustepts | 58720 |
| 3. | Alfisols | Fine, mixed, hyperthermic Aeric Endoaqualfs Fine, mixed, hyperthermic Typic Haplustalfs Fine, mixed, hyperthermic Typic Endoaqualfs Fine, mixed, hyperthermic Typic Haplustalfs Fine, mixed, hyperthermic Vertic Endoaqualfs Fine, mixed, hyperthermic Typic Haplustalfs Loamy-skeletal, mixed, hyperthermic Lithic Rhodustalfs Fine, mixed, hyperthermic Typic Haplustalfs Fine loamy, mixed, hyperthermic Typic Paleustalfs | 66080 |
| 4. | Vertisols | Fine, mixed, hyperthermic Udic Haplusterts | 5760 |

**2a.5 Productivity of major crops cultivated in the district**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S. No | Crop | Area (ha) | Production (t) | Productivity (q/ha) |
| 1. | Paddy | 39908 | 12668 | 31.74 |
| 2. | Maize | 11070 | 15240 | 11.40 |
| 3. | Wheat | 11725 | 20026 | 17.08 |
| 4. | Gram | 7972 | 7549 | 9.47 |
| 5. | Pigeon pea | 5885 | 2613 | 4.44 |
| 6. | Black gram | 8355 | 6834 | 8.18 |
| 7. | Green gram | 535 | 2167 | 4.05 |
| 8. | Lentil | 3250 | 1463 | 4.50 |
| 9. | Peas | 1377 | 771 | 5.60 |
| 10. | Mustard | 13080 | 6710 | 5.13 |
| 11. | Sesame | 106 | 38 | 3.60 |
| 12. | Linseed | 2732 | 669 | 2.45 |

**2a.6 Mean yearly temperature, rainfall and humidity**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Month | Rainfall (mm) | Temperature 0 C | | Relative Humidity (%) |
| Maximum | Minimum |
| Apil’2017 | 67.6 | 34.8 | 28.0 |  |
| May’2017 | 157.6 | 35.5 | 29.5 |  |
| June’2017 | 151.6 | 36.2 | 27.1 |  |
| July’2017 | 408.4 | 33.2 | 26.1 |  |
| August’2017 | 300.2 | 34.0 | 26.9 |  |
| September’2017 | 231.4 | 34.7 | 26.4 |  |
| October’2017 | 117.2 | 34.1 | 26.0 |  |
| November’2017 | - | 30.1 | 23.0 |  |
| December’2017 | 4.4 | 26.6 | 20.6 |  |
| January’2018 | - | 20.4 | 11.9 |  |
| February’2018 | - | 27.9 | 19.4 |  |
| March’2018 | 13.8 | 33.1 | 21.4 |  |

**2a.7 Production and productivity of livestock, poultry, fisheries etc. in the district**

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | **Population** | **Production** | **Productivity** |
| **Cattle** | | | |
| *Crossbred* | **2799** | **-** | **-** |
| *Indigenous* | **283367** | **-** | **-** |
| **Buffalo** | **63912** | **-** | **-** |
| **Sheep** | | | |
| Crossbred | **-** | **-** | **-** |
| *Indigenous* | **3497** | **-** | **-** |
| **Goats** | **182756** | **-** | **-** |
| **Pigs** |  | **-** | **-** |
| *Crossbred* | **-** | **-** | **-** |
| *Indigenous* | **65342** | **-** | **-** |
| **Rabbits** |  | **-** | **-** |
| **Poultry** | | | |
| Hen |  | **-** | **-** |
| *Desi* | **156325** | **-** | **-** |
| *Improved* |  | **-** | **-** |
| Duck |  | **-** | **-** |
| Turkey and others |  | **-** | **-** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | **Area** | **Production** | **Productivity** |
| Fish | 560.20 ha | 6600 MT | 11.78 |
| Marine |  |  |  |
| Inland |  |  |  |
| Prawn |  |  |  |
| Scampi |  |  |  |
| Shrimp |  |  |  |

**2.b. Details of operational area / villages (2017-18)**

| **Sl.No.** | **Name of the block** | **Name of the village** | **Major crops & enterprises** | **Major problem identified** | **Identified Thrust Areas** |
| --- | --- | --- | --- | --- | --- |
| 1. | Sahibganj | Kodarjanna | Wheat, Sugarcane | Low yield of wheat due to lack of quality seed | Seed Village |
| Talbanna | Wheat, Chickpea, Black gram | Pod borer problem in chickpea | IPM |
| Sakari | Maize, Black gram | Low yield | INM and IPM |
| 2. | Borio | Paharpur | Paddy | Low yield | Introduction of improved variety |
| Telo | Paddy, Pigeon pea, Mustard | Pod borer in pigeon pea | Integrated Pest Management |
| Jirul | Paddy, Wheat, Mustard | Low yield of mustard | Integrated Nutrient Management |
| Rakso | Barbatti, Bajra, Maize | Low yield | Integrated Nutrient Management |
| 3. | Rajmahal | Parariya | Paddy, Vegetables | Low yield | Integrated Nutrient Management, Introduction of Hybrid,  Seed Production |
| Paparjoriya | Paddy | Low yield | SRI technique |
| Dalahi | Paddy, wheat | Low yield | Integrated Nutrient Management |
| 4. | Taljhari | Bhatbhanga | Paddy | Low yield | INM and IPM |
| Brindaban | Paddy, Wheat | Low yield | INM and IPM |
| Gangatia | Barbatti, Bajra, Maize | Low yield | Integrated Nutrient Management |
| 5. | Barhait | Dumariya | Dolichos bean | Low yield due to pod borer | IPM |
| Bhognadih | Paddy, Wheat | Low yield | INM and IPM |
| 6. | Udhawa | Piyarpur | Vegetables | Low yield due to insect pest | IPM and introduction of resistant variety |
| Katahalbari | Paddy, Wheat | Low yield | INM and IPM |
| 7. | Barharwa | Sonakud | Pigeon pea | Low yield | Seed Village |
| Pathna | Paddy, Wheat, Mustard | Low yield | INM and Introduction of improved variety, Seed Village of paddy |
| Bataiel | Paddy, Wheat, Mustard | Low yield | INM and Introduction of improved variety, Seed Village of paddy |
| Mayur cola | Paddy | Low yield | SRI technique |
| 8. | Mandro | Kendua | Vegetable | Problems of insect pest | IPM |
| Karamtola | Paddy, Pigeon pea | Low yield | Introduction of improved variety |
| 9. | Pathna | Kesrol | Green gram | Low yield | Introduction of HYV |
| Chandola | Paddy, Pigeon pea, Mustard | Low yield | Introduction of improved variety |

**2. c. Details of village adoption programme:**

Name of the villages adopted by Head and Scientist MS in 2017-18 for its development and action plan

|  |  |  |
| --- | --- | --- |
| **Name of village** | **Block** | **Action taken for development** |
| Lalbandh | Rajmahal | * Production of rice seed through SRI technique * Production of vermicompost and vermiwash |
| Brindaban | Taljhari | * Mushroom production * Promotion of high density orchard |
| Dumariya | Barheit | * Promotion of flower cultivation * Promotion of tuber crop cultivation |

**2. d. Sansad Adarsh Gram Yojona**

1. Name of the village under Sansad Adarsha Gram Yojona: **Piyarpur, Panchayat – Piyarpur, Udhwa.**
2. Contribution of KVK in the programme:

* **Base Line Survey,**
* **Off Campus Training (2 nos.),**
* **On Campus Training (1 nos,)**

**2.1 Priority thrust areas**

|  |  |
| --- | --- |
| **S. No** | **Thrust area** |
| 1. | Sustainable crop production through integrated crop, nutrient and pest management |
| 2. | Adoption of suitable soil conservation measures and rain water harvesting. |
| 3. | Village seed production programme |
| 4. | Entrepreneurship through dairy, goatery, poultry and mushroom production and value addition of agricultural produce. |

**3. TECHNICAL ACHIEVEMENTS**

**3. A. Details of target and achievement of mandatory activities by KVK during 2017-18**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **OFT** | | | | **FLD** | | | |
| Number of OFTs | | Number of farmers | | Number of FLDs | | Number of farmers | |
| Target | Achievement | Target | Achievement | Target | Achievement | Target | Achievement |
| **7** | **7** | **50** | **50** | **12** | **8** | **180** | **212** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Training** | | | | **Extension activities** | | | |
| Number of Courses | | Number of Participants | | Number of activities | | Number of participants | |
| Target | Achievement | Target | Achievement | Target | Achievement | Target | Achievement |
| **73** | **81** | **2190** | **2557** | **100** | **210** | **5000** | **6874** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Seed production (q)** | | **Planting material (Nos.)** | |
| Target | Achievement | Target | Achievement |
| **200** | **170** | **10,000** | **10,000** |

**3.1 Achievements on technologies assessed and refined**

OFT-1

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Nutrient Management in transplanted rice** |
| 2. | Problem diagnosed | **Low yield of rice due to imbalanced application of chemical fertilizers** |
| 3. | Details of technologies selected for assessment/refinement | **Integration of different sources of plant nutrients viz. inorganic, organic and biofertilizers**  Treatment Details:  **Farmer’s Practice:** Application of NP @ 60-25 kg/ha  **Tech. Opt. 1:** Recommended dose of fertilizer as per soil test value  **Tech. Opt. 2:** 75% Recommended dose of fertilizer + BGA @ 10 kg/ha + Azospirillum @ 4 kg/ha. |
| 4. | Source of Technology | **Birsa Agricultural University, Ranchi** |
| 5. | Production system and thematic area | **Rice – Wheat System**  **Integrated Nutrient Management** |
| 6. | Performance of the Technology with performance indicators |  |
| 7. | Final recommendation for micro level situation | **Application of 75% Recommended dose of fertilizer along with BGA @ 10kg/ha and Azospirillum @ 4 kg/ha is beneficial in terms of yield BC ratio as well as soil health.** |
| 8. | Constraints identified and feedback for research |  |
| 9. | Process of farmers participation and their reaction |  |

*Thematic area:* ***Integrated Nutrient Management***

Problem definition: **Low yield of rice due to imbalanced application of chemical fertilizers**

Technology assessed: **Integration of different sources of plant nutrients viz. inorganic, organic and biofertilizers**

Table:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | | | Disease/ insect pest incidence (%) | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
| No. of effective tillers/hill | No. of spikelet per panicle | Test wt. (100 grain wt.) |
| FP | 10 | 270.2 |  |  |  | 34.1 | 30,500/- | 54,560/- | 24,060/- | 1.78 |
| Tech. Opt. 1 | 10 | 308.5 |  |  |  | 39.2 | 32,100/- | 62,720/- | 30,620/- | 1.95 |
| Tech. Opt. 2 | 10 | 312.2 |  |  |  | 41.5 | 30,800/- | 66,400/- | 35,600/- | 2.15 |

Results: **Application of 75% Recommended dose of fertilizer along with BGA @ 10kg/ha and Azospirillum @ 4 kg/ha is beneficial in terms of yield BC ratio as well as soil health.**

OFT-2

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Weed Management in transplanted rice** |
| 2. | Problem diagnosed | **Yield loss of rice to the extent of 30 to 45% due to weed infestation as well as high cost of cultivation due to manual weeding** |
| 3. | Details of technologies selected for assessment/refinement | **Chemical control of different types of weed viz. grassy, sedges, broad leaf etc. of transplanted rice**  Treatment Details:  **Farmer’s Practice:** Hand weeding  **Tech. Opt. 1:** Application of Pyrazosulfuron ethyl 10% WP @ 150 g/ha at 3 to 7 DAT (Pre Emergence).  **Tech. Opt. 2:** Application of Bispyribac sodium 10% SL @ 25 g a.i. per ha at 15 DAT (Early Post Emergence). |
| 4. | Source of Technology | **Birsa Agricultural University, Ranchi** |
| 5. | Production system and thematic area | **Rice – Wheat System**  **Weed Management** |
| 6. | Performance of the Technology with performance indicators |  |
| 7. | Final recommendation for micro level situation | **Application of Bispyribac sodium 10% SL @ 25 g a. i. per ha at 15 DAT gave better weed control and resulted in higher yield of rice.** |
| 8. | Constraints identified and feedback for research |  |
| 9. | Process of farmers participation and their reaction |  |

*Thematic area:* ***Weed Management***

Problem definition: **Yield loss of rice to the extent of 30 to 45% due to weed infestation as well as high cost of cultivation due to manual weeding**

Technology assessed: **Chemical control of different types of weed viz. grassy, sedges, broad leaf etc. of transplanted rice**

Table:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | | | Disease/ insect pest incidence (%) | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
| No. of effective tillers/hill | No. of spikelet per panicle | Test wt. (100 grain wt.) |
| FP | 7 | 265.5 |  |  |  | 33.7 | 30,500/- | 53,920/- | 23,420/- | 1.77 |
| Tech. Opt. 1 | 7 | 300.3 |  |  |  | 37.1 | 29,200/- | 59,360/- | 30,160/- | 2.03 |
| Tech. Opt. 2 | 7 | 313.8 |  |  |  | 38.4 | 29,400/- | 61,440/- | 32,040/- | 2.09 |

Results: **Application of Bispyribac sodium 10% SL @ 25 g a. i. per ha at 15 DAT gave better weed control and resulted in higher yield of rice.**

OFT-3

|  |  |  |
| --- | --- | --- |
| 1. | Title of On Farm Trial | **Impact of field preparation equipment on productivity of rice** |
| 2. | Problem diagnosed | **Low yield of rice due to inadequate puddling (land preparation prior to transplanting)** |
| 3. | Details of technologies selected for assessment/refinement | **Summer ploughing followed by land preparation by cultivator (one time) and rotavator**  Treatment Details:  **Farmer’s Practice:** Puddling by tractor operated cultivator 3-4 times prior to transplanting.  **Tech. Opt. 1:** Puddling by cultivator (one time) + Rotavator prior to transplanting.  **Tech. Opt. 2:** Puddling by Rotavator prior to transplanting. |
| 4. | Source of Technology | **Rajendra Agricultural University, Pusa, Samastipur** |
| 5. | Production system and thematic area | **Rice – Wheat System**  **Operation of farm machinery and implement** |
| 6. | Performance of the Technology with performance indicators |  |
| 7. | Final recommendation for micro level situation | **Puddling by cultivator one time followed by rotavator prior to transplanting performed better as compared to puddling by cultivator or rotavator alone.** |
| 8. | Constraints identified and feedback for research |  |
| 9. | Process of farmers participation and their reaction |  |

*Thematic area:*  ***Operation of Farm Machinery and Implement***

Problem definition: **Low yield of rice due to inadequate puddling (land preparation prior to transplanting)**

Technology assessed: **Summer ploughing followed by land preparation by cultivator (one time) and rotavator**

Table:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | | | Disease/ insect pest incidence (%) | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
| No. of effective tillers/hill | No. of spikelet per panicle | Test wt. (100 grain wt.) |
| FP | 7 | 265.5 |  |  |  | 33.9 | 30,500/- | 54,240/- | 23,740/- | 1.78 |
| Tech. Opt. 1 | 7 | 285.4 |  |  |  | 36.8 | 30,500/- | 58,880/- | 28,380/- | 1.93 |
| Tech. Opt. 2 | 7 | 280.2 |  |  |  | 35.4 | 30,500/- | 56.640/- | 26,140/- | 1.86 |

Results: **Puddling by cultivator one time followed by rotavator prior to transplanting performed better as compared to puddling by cultivator or rotavator alone.**

OFT-4

|  |  |  |
| --- | --- | --- |
| 1. | Title of On Farm Trial | **Effect of control measures of fruit and shoot borer in brinjal in rabi season.** |
| 2. | Problem diagnosed | **Low productivity and profitability in brinjal due to attack of fruit and shoot borer.** |
| 3. | Details of technologies selected for assessment/refinement | **Use physical, chemical and biological methods of pest control.**  Treatment Details:  **Farmer’s Practice:** Cypermethrin @ 1 ml per lit after appearance of infestation.  **Tech. Opt. 1:** Flubendamide 480 SC @ 1 ml per 5 lit water at 30 DAT + Cartap hydrochloride @ 1 g per lit at 50 DAT.  **Tech. Opt. 2:** Nursery bed treatment with trichoderma @ 2.5 g/m2 + Spray of Azadirachtin 0.03 per cent at 15 days interval starting from one month after transplanting.  **Tech. Opt. 3:** Application of neem cake @ 250 kg/ha at 30 DAT + Pheromone trap @ 12 nos/ha |
| 4. | Source of Technology | **State Agricultural University** |
| 5. | Production system and thematic area | **Maize – Brinjal System**  **Pest Management** |
| 6. | Performance of the Technology with performance indicators |  |
| 7. | Final recommendation for micro level situation | **Application of Flubendamide 480 SC @ 1 ml per 5 lit water at 30 DAT followed by Cartap hydrochloride @ 1 g per lit at 50 DAT resulted in reduced incidence of fruit and shoot borer as well as higher yield and B:C ration as compared to farmers practice and other technological options.** |
| 8. | Constraints identified and feedback for research |  |
| 9. | Process of farmers participation and their reaction |  |

*Thematic area:* ***Pest Management***

Problem definition: **Low productivity and profitability in brinjal due to attack of fruit and shoot borer.**

Technology assessed: **Use physical, chemical and biological methods of pest control.**

Table:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | | | Disease/ insect pest incidence (%) | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
| No. of effective tillers/hill | No. of spikelet per panicle | Test wt. (100 grain wt.) |
| FP | 7 |  |  |  | 41 | 89 | 43,200/- | 97,900/- | 54,700/- | 2.2 |
| Tech. Opt. 1 | 7 |  |  |  | 18 | 135 | 45,000/- | 1,48,000/- | 1,03,000/- | 3.2 |
| Tech. Opt. 2 | 7 |  |  |  | 29 | 115 | 44,000/- | 1,26,500/- | 82,500/- | 2.8 |
| Tech. Opt. 3 | 7 |  |  |  | 25 | 120 | 47,600/- | 1,32,000/- | 84,400/- | 2.7 |

Results: **Application of Flubendamide 480 SC @ 1 ml per 5 lit water at 30 DAT followed by Cartap hydrochloride @ 1 g per lit at 50 DAT resulted in reduced incidence of fruit and shoot borer as well as higher yield and B:C ration as compared to farmers practice and other technological options.**

OFT-5

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Management of leaf curl disease of chilli** |
| 2. | Problem diagnosed | **Low productivity and profitability in chilli due to leaf curl disease** |
| 3. | Details of technologies selected for assessment/refinement | **Integrated pest management to control leaf curl disease of chilli**  Treatment Details:  **Farmer’s Practice:** Occasional spray of rogor @ 2 ml per lit after appearance.  **Tech. Opt. 1:** Covering nursery bed with nylon mesh/straw + Spray of NSKE 5% at 10 days interval in nursery + Raising two rows of maize around the main field as barrier crop.  **Tech. Opt. 2:** Spray of Metasystox @ 1 ml/lit waterat 10 days interval in nursery + Spray of Imidacloprid @ 2 ml / 5 lit of water at 15 days interval till 15-20 days before harvest. |
| 4. | Source of Technology | **IARI, New Delhi** |
| 5. | Production system and thematic area | **Maize – Vegetable System**  **Pest Management** |
| 6. | Performance of the Technology with performance indicators |  |
| 7. | Final recommendation for micro level situation | **Spray of Metasystox @ 1 ml/lit water at 10 days interval in nursery followed by spray of Imidacloprid @ 2 ml / 5 lit of water at 15 days interval till 15-20 days before harvest resulted in reducing incidence of leaf curl disease of chilli as compared to other treatments.** |
| 8. | Constraints identified and feedback for research |  |
| 9. | Process of farmers participation and their reaction |  |

*Thematic area:* ***Pest Management***

Problem definition: **Low productivity and profitability in chilli due to leaf curl disease**

Technology assessed: **Integrated pest management to control leaf curl disease of chilli**

Table:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | | | Disease/ insect pest incidence (%) | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
| No. of effective tillers/hill | No. of spikelet per panicle | Test wt. (100 grain wt.) |
| FP | 7 |  |  |  | 37 | 97 | 57,000/- | 1,45,500/- | 88,500/- | 2.5 |
| Tech. Opt. 1 | 7 |  |  |  | 19 | 113 | 61,000/- | 1,69,500/- | 1,08,500/- | 2.7 |
| Tech. Opt. 2 | 7 |  |  |  | 7 | 122 | 65,000/- | 1,83,000/- | 1,18,000/- | 2.8 |

Results: **Spray of Metasystox @ 1 ml/lit water at 10 days interval in nursery followed by spray of Imidacloprid @ 2 ml / 5 lit of water at 15 days interval till 15-20 days before harvest resulted in reducing incidence of leaf curl disease of chilli as compared to other treatments.**

OFT-6

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of suitable variety of Rajma for Sahibganj district.** |
| 2. | Problem diagnosed | **Poor yield and income due to lack of knowledge about the better performing variety.** |
| 3. | Details of technologies selected for assessment/refinement | **Assessment of different varieties of Rajma to test their performance in Sahibganj.**  Treatment Details:  **Farmer’s Practice:** Swarn Priya  **Tech. Opt. 1:** VL Rajma 125  **Tech. Opt. 2:** Malviy Rajma 15  **Tech. Opt. 3:** Swarn Lata |
| 4. | Source of Technology | **ICAR Institutes** |
| 5. | Production system and thematic area | **Rice – Pulse System**  **Varietal Evaluation** |
| 6. | Performance of the Technology with performance indicators |  |
| 7. | Final recommendation for micro level situation | **Swarn Lata performed better in terms of yield and B:C ratio as compared to rest of the varieties of Rajma tested.** |
| 8. | Constraints identified and feedback for research |  |
| 9. | Process of farmers participation and their reaction |  |

*Thematic area:* ***Varietal Evaluation***

Problem definition: **Poor yield and income due to lack of knowledge about the better performing variety.**

Technology assessed: **Assessment of different varieties of Rajma to test their performance in Sahibganj.**

Table:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Technology option | No. of trials | Yield component | | | Disease/ insect pest incidence (%) | Yield  (q/ha) | Cost of cultivation  (Rs./ha) | Gross return (Rs/ha) | Net return  (Rs./ha) | BC ratio |
| No. of effective tillers/hill | No. of spikelet per panicle | Test wt. (100 grain wt.) |
| FP | 5 |  |  |  |  | 15 | 38,000/- | 82,500/- | 44,500/- | 2.17 |
| Tech. Opt. 1 | 5 |  |  |  |  | 18 | 38,000/- | 99,000/- | 61,000/- | 2.60 |
| Tech. Opt. 2 | 5 |  |  |  |  | 21 | 38,000/- | 1,15,500/- | 77,500/- | 3.00 |
| Tech. Opt. 3 | 5 |  |  |  |  | 20 | 38,000/- | 1,10,000/- | 72,000/- | 2.89 |

Results: **Swarn Lata performed better in terms of yield and B:C ratio as compared to rest of the varieties of Rajma tested.**

OFT-7

|  |  |  |
| --- | --- | --- |
| 1. | Title of On farm Trial | **Assessment of improved backyard composting methods** |
| 2. | Problem diagnosed | **Unscientific method of composting** |
| 3. | Details of technologies selected for assessment/refinement | **Minimization of loss of nutrients during process of composting and nutrient enrichment in compost**  Treatment Details:  **Farmer’s Practice:** Dumping of animal dung and household or field wastes in unspecified heaps.  **Tech. Opt. 1:** Dumping of animal dung and household or field wastes mixing with DAP @ 500g per m2after filling every feet of pit of 2m x 1m x 1m size.  **Tech. Opt. 2:** Dumping of animal dung and household or field wastes mixing with DAP @ 500g per m2after filling every feet + PSB + Azotobacter + Trichoderma @ one packet each per pit of 2m x 1m x 1m size. |
| 4. | Source of Technology | **Birsa Agricultural University, Ranchi** |
| 5. | Production system and thematic area |  |
| 6. | Performance of the Technology with performance indicators |  |
| 7. | Final recommendation for micro level situation | **Dumping of animal dung and household or field wastes mixing with DAP @ 500g per m2 after filling every feet + PSB + Azotobacter + Trichoderma @ one packet each per pit of 2m x 1m x 1m size performed better in terms of duration of composting as well as nutrient content of compost.** |
| 8. | Constraints identified and feedback for research |  |
| 9. | Process of farmers participation and their reaction |  |

*Thematic area:* ***Method of Composting***

Problem definition: **Unscientific method of composting**

Technology assessed: **Minimization of loss of nutrients during process of composting and nutrient enrichment in compost**

Table:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Technology Option** | **No. of Trial** | **Duration of composting** | **Nutrient Content of Compost (%)** | | | |
| **OC** | **N** | **P** | **K** |
| FP | 7 | 122 | 8.6 | 0.17 | 0.33 | 0.92 |
| Tech. Opt. 1 | 7 | 91 | 27.1 | 0.78 | 1.11 | 1.42 |
| Tech. Opt. 2 | 7 | 77 | 32.4 | 0.82 | 1.20 | 1.62 |

Results: **Dumping of animal dung and household or field wastes mixing with DAP @ 500g per m2 after filling every feet + PSB + Azotobacter + Trichoderma @ one packet each per pit of 2m x 1m x 1m size performed better in terms of duration of composting as well as nutrient content of compost.**

**3.2 Achievements of Frontline Demonstrations**

**A. Details of FLDs conducted during 2017-18**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Crop** | **Thematic area** | **Technology Demonstrated with detailed treatments** | **Area (ha)** | | **No. of farmers/**  **demonstration** | | | **Reasons for shortfall in achievement** |
| **Proposed** | **Actual** | **SC/ST** | **Others** | **Total** |
| 1. | Mustard | ICM | Seed | 5.0 | 5.0 | 14 | 10 | 24 |  |
| 2. | Pigeon pea | ICM | Seed | 5.0 | 5.0 | 12 | 9 | 21 |  |
| 3. | Green gram | ICM | Seed | 5.0 | 5.0 | 18 | 12 | 30 |  |
| 4. | Black gram | ICM | Seed | 5.0 | 5.0 | 10 | 18 | 28 |  |
| 5. | Chick pea | ICM | Seed | 5.0 | 5.0 | 10 | 8 | 18 |  |
| 6. | Paddy | ICM | Seed | 10.0 | 10.0 | 28 | - | 28 |  |
| 7. | Ragi | ICM | Seed | 5.0 | 5.0 | 31 | - | 31 |  |
| 8. | Wheat | ICM | Seed | 10.0 | 10.0 | 22 | 10 | 32 |  |
|  | **Total** |  |  | **50.0** | **50.0** | **145** | **67** | **212** |  |

**Details of farming situation**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Crop** | **Season** | **Farming situation (RF/Irrigated)** | **Soil type** | **Status of soil**  **(Kg/ha)** | | | **Previous crop** | **Sowing date** | **Harvest date** | **Seasonal rainfall (mm)** | **No. of rainy days** |
| **N** | **P2O5** | **K2O** |
| Mustard | Rabi | Irrigated | Sandy Loam |  |  |  | Maize | 17/10/2017 | 20/02/2018 | 39 | 2 |
| Pigeon pea | Kharif | Rainfed | Sandy Loam |  |  |  | Fallow | 06/06/2017 | 15/03/2018 | 1192 | 50 |
| Green gram | Kharif | Rainfed | Sandy Loam |  |  |  | Fallow | 10/07/2017 | 02/11/2017 | 917 | 37 |
| Black gram | Kharif | Rainfed | Sandy Loam |  |  |  | Fallow | 21/07/2017 | 10/11/2017 | 785 | 30 |
| Chick pea | Rabi | Irrigated | Sandy Loam |  |  |  | Paddy | 10/11/2017 | 20/03/2018 | 4.4 | 1 |
| Paddy | Kharif | Rainfed | Sandy Loam |  |  |  | Fallow | 15/07/2017 | 27/10/2017 | 843 | 33 |
| Ragi | Kharif | Rainfed | Sandy Loam |  |  |  | Fallow | 25/06/2017 | 04/11/2017 | 1029 | 42 |
| Wheat | Rabi | Irrigated | Sandy Loam |  |  |  | Paddy | 20/11/2017 | 25/03/2018 | 4.4 | 1 |

In both the Tables, information of same crop should be provided. For example, if in Table 3.2A crops are mentioned as a,b,c,d etc., in the table for Details of farming situation, the same crop should be mentioned in the identical sequence.

**Performance of FLD**

**Oilseeds:**

**Frontline demonstrations on oilseed crops**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Crop** | **Thematic Area** | **Name of the technology demonstrated** | **No. of Farmers** | **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** |
| Mustard | ICM | Seed,  Pusa Mahek | 24 | 5.0 | 10.5 | 6.5 | 61 | 20,500/- | 35,175/- | 14,675/- | 1.71 | 17,000/- | 21,775/- | 4,775/- | 1.28 |

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

\*\* BCR= GROSS RETURN/GROSS COST

**Pulses   
Frontline demonstration on pulse crops**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Crop** | **Thematic Area** | **Name of the technology demonstrated** | **No. of Farmers** | **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** |
| Pigeon pea | ICM | Seed  Malviya 13 | 21 | 5.0 | 11.0 | 7.0 | 57 | 25,500/- | 50,875/- | 25,375/- | 1.99 | 23,000/- | 32,375/- | 9,375/- | 1.40 |
| Green gram | ICM | Seed  Pusa Ratna | 30 | 5.0 | 7.6 | 5.5 | 38 | 22,885/- | 36,865/- | 13,980/- | 1.61 | 21,750/- | 27,190/- | 5,440/- | 1.25 |
| Black gram | ICM | Seed  Pant Urad 31 | 28 | 5.0 | 7.8 | 6.1 | 28 | 21,800/- | 37,530/- | 15,730/- | 1.72 | 19,800/- | 29,938/- | 10,138/- | 1.51 |
| Chick pea | ICM | Seed  GNG 1581 | 18 | 5.0 | 13.5 | 10.0 | 35 | 28,000/- | 59,400/- | 31,400/- | 2.12 | 25,000/- | 44,000/- | 19,000/- | 1.76 |

**Other crops**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Crop** | **Thematic area** | **Name of the technology demonstrated** | **No. of Farmer** | **Area**  **(ha)** | **Yield (q/ha)** | | **% change in yield** | **\*Economics of demonstration (Rs./ha)** | | | | **\*Economics of check**  **(Rs./ha)** | | | |
| **Demons**  **ration** | **Check** | **Gross**  **Cost** | **Gross**  **Return** | **Net Return** | **\*\***  **BCR** | **Gross**  **Cost** | **Gross**  **Return** | **Net Return** | **\*\***  **BCR** |
| Paddy | ICM | Seed  Sahbhagi | 28 | 10 | 41.2 | 36.8 | 12 | 33,540/- | 57,850/- | 24,310/- | 1.72 | 32,500/- | 52,250/- | 19,750/- | 1.61 |
| Ragi | ICM | Seed  A404 | 31 | 5 | 23.2 | 19.0 | 22 | 23,650/- | 41,725/- | 18,075/- | 1.76 | 20,200/- | 31,150/- | 10,950/- | 1.54 |
| Wheat | ICM | Seed  Pusa Basant | 32 | 10 | 35.0 | 30.5 | 15 | 33,000/- | 53,375/- | 20,375/- | 1.61 | 32,000/- | 46,513/- | 14,513/- | 1.45 |

Livestock

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Category | Thematic  Area | Name of the technology demonstrated | No. of Farmer | No.of units | Major parameters | | % change in major parameter | Other parameter | | \*Economics of demonstration (Rs.) | | | | \*Economics of check  (Rs.) | | | |
| Demons  Ration | Check | Demons  ration | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| Dairy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cow |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Buffalo |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Poultry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rabbitry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pigerry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sheep and goat |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Duckery |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (pl.specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

\*\* BCR= GROSS RETURN/GROSS COST

Fisheries

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Category | Thematic area | | Name of the technology demonstrated | No. of Farmer | No.of units | Major parameters | | % change in major parameter | Other parameter | | \*Economics of demonstration (Rs.) | | | | \*Economics of check  (Rs.) | | | |
| Demons  Ration | Check | Demons  ration | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| Common carps |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mussels |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ornamental fishes |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (pl.specify) |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | Total | |  |  |  | | | | | | | | | | | | |

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

\*\* BCR= GROSS RETURN/GROSS COST

Other enterprises

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Category | Name of the technology demonstrated | No. of Farmer | No.of units | Major parameters | | % change in major parameter | Other parameter | | \*Economics of demonstration (Rs.) or Rs./unit | | | | \*Economics of check  (Rs.) or Rs./unit | | | |
| Demons  ration | Check | Demons  ration | Check | Gross  Cost | Gross  Return | Net Return | \*\*  BCR | Gross  Cost | Gross  Return | Net Return | \*\*  BCR |
| Oyster mushroom | Enterprise development |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Button mushroom |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vermicompost |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Apiculture |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | |  |  |  | | | | | | | | | | | | |

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

\*\* BCR= GROSS RETURN/GROSS COST

Women empowerment

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | Name of technology | No. of demonstrations | Observations | | Remarks |
| Demonstration | Check |
| Farm Women |  |  |  |  |  |
| Pregnant women |  |  |  |  |  |
| Adolescent Girl |  |  |  |  |  |
| Other women |  |  |  |  |  |
| Children |  |  |  |  |  |
| Neonatal |  |  |  |  |  |
| Infants |  |  |  |  |  |

Farm implements and machinery

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name of the implement | Crop | Name of the technology demonstrated | No. of Farmer | Area (ha) | Filed observation (output/man hour) | | % change in major parameter | Labor reduction (man days) | | | | Cost reduction (Rs./ha or Rs./Unit) | | | |
| Demons  ration | Check |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

**\*\* BCR= GROSS RETURN/GROSS COST**

**Technical Feedback on the demonstrated technologies**

|  |  |  |
| --- | --- | --- |
| S. No | Crop | Feed Back |
| 1. | Mustard | Pusa Mahek gave 61% higher yield as well as higher BC ratio. |
| 2. | Pigeon pea | Malviya 13 yielded 57% higher than local check. |
| 3. | Green gram | Pusa Ratna performed well in stress condition and yielded 38% higher. |
| 4. | Black gram | Pant Urad 31 gave 28% higher yield than local check. |
| 5. | Chick pea | GNG 1581 resulted in 35% higher yield as well as higher BC ratio. |
| 6. | Paddy | Sahbhagi gave 12% higher yield than local check. |
| 7. | Ragi | A 404 resulted in 22% higher yield as well as higher BC ratio. |
| 8. | Wheat | Pusa Basant gave 15% higher yield as compared to local check. |

**Extension and Training activities under FLD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SL.No. | Activity | Date | No. of activities organized | Number of participants | Remarks |
| 1. | Field days |  | **11** | **654** |  |
| 2. | Farmers Training |  | **10** | **372** |  |
| 3. | Media coverage |  | **14** |  |  |
| 4. | Training for extension functionaries |  | **2** | **62** |  |

**Performance of the demonstration under CFLD on Pulses and Oilseeds during Kharif 2016 and Rabi 2017-18**

**Oilseed**

1. **Technical Parameters:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Crop demonstrated | Existing (Farmer's) variety name | Existing yield  (q/ha) | Yield gap (Kg/ha)  w.r.to | | | Name of Variety + Technology  demonstrated | Number of farmers | Area in ha | Yield obtained (q/ha) | | | Yield gap minimized  (%) | | |
| District  yield (D) | State  yield (S) | Potential  yield (P) |
| Max. | Min. | Av. | D | S | P |
| 1 | Sesame | Kala Til | 2.20 | 80 | 135 | 280 | RT 346  Line Sowing  Sulphur | 25 | 10 ha | 3.78 | 3.1 | 3.47 | 16% above | 36% | 14% |
| 2 | Niger | Local | 4.7 | 20 | 39 | 462 | BN 3  Line Sowing  Sulphur | 56 | 20 ha | 6.5 | 5.9 | 6.15 | 26%  above | 12%  above | 16% |
| 3 | Mustard | Varuna | 5.0 | 175 kg more | 183 | 1250 | Pusa Mahak  Sulphur | 125 | 50 ha | 13.0 | 7.5 | 8.5 | 161% above | 24% above | 20% |
| 4 | Black gram | Local | 6.5 | 150 | 275 | 850 | PU 31  Biofertilizer | 34 | 10 ha | 10.5 | 7.9 | 9.5 | 19% above | 3% above | 21% |
| 5 | Pigeon pea | Chaiti Lahar | 6.0 | 156 more | 500 | 1400 | Birsa Arhar 1 NDA 2  Biofertilizer | 62 | 20 ha | 13.0 | 9.0 | 10.5 | 136% above | 40% | 22% |
| 6 | Chick pea | Desi | 8.0 | 80 | 213 | 1100 | P372 Biofertilizer | 28 | 10 ha | 13.8 | 13.0 | 13.2 | 50% above | 30% above | 27% |
| 7 | Lentil | Desi | 4.0 | 50 | 67 | 1400 | PL 7  Biofertilizer | 27 | 10 ha | 14.0 | 11.0 | 12.0 | 166% above | 156% above | 45% |
| 8 | Green gram (Summer) | Desi | 5.0 | 75 | 275 | 850 | IPM 2-3  Biofertilizer | 32 | 10 ha | 12.5 | 9.5 | 10.0 | 74% above | 29% above | 37% |

1. **Economic parameters**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Variety demonstrated & Technology demonstrated | Farmer’s Existing plot | | | | Demonstration plot | | | |
| Gross Cost  (Rs/ha) | Gross return  (Rs/ha) | Net Return  (Rs/ha) | B:C  ratio | Gross Cost  (Rs/ha) | Gross return  (Rs/ha) | Net Return  (Rs/ha) | B:C  ratio |
| 1 | RT 346  Line Sowing, Sulphur | 9,500/- | 13,200/- | 3,700/- | 1.38 | 12,000/- | 20,820/- | 8,820/- | 1.72 |
| 2 | BN 3  Line Sowing, Sulphur | 13,500/- | 21,150/- | 7,650/- | 1.56 | 15,000/- | 27,675/- | 12,675/- | 1.84 |
| 3 | Pusa Mahek  Sulphur | 15,000/- | 16,750/- | 1,750/- | 1.11 | 19,000/- | 28,475/- | 9,475/- | 1.49 |
| 4 | PU 31  Biofertilizer | 21,000/- | 32,500/- | 11,500/- | 1.54 | 22,000/- | 47,500/- | 25,500/- | 2.15 |
| 5 | Birsa Arhar 1, NDA 2, Biofertilizer | 20,000/- | 27,750/- | 7,750/- | 1.38 | 24,000/- | 48,562/- | 24,562/- | 2.02 |
| 6 | P 372, Biofertilizer | 20,000/- | 35,200/- | 15,200/- | 1.76 | 23,000/- | 58,080/- | 35,080/- | 2.50 |
| 7. | PL 7, Biofertilizer | 15,000/- | 17,600/- | 2,600/- | 1.17 | 20,000/- | 52,800/- | 32,800/- | 2.64 |
| 8. | IPM 2-3  Biofertilizer | 22,000/- | 31,525/- | 9,525/- | 1.43 | 25,000/- | 48,500/- | 23,500/- | 1.94 |

1. **Socio-economic impact parameters**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Crop and variety  Demonstrated | Total Produce  Obtained (kg) | Produce sold  (Kg/household) | Selling  Rate  (Rs/Kg) | Produce used for own sowing (Kg) | Produce distributed to other farmers (Kg) | Purpose for which income gained was utilized | Employment Generated (Mandays/house hold) |
| 1 | Sesame  RT 346  Line Sowing | 347 | 70 – 75 % of the total produce | 60/- per kg | 10 – 15 % | Nil | Livelihood | 13 |
| 2 | Niger  BN 3  Line Sowing | 615 | 85 – 90 % of the total produce | 45/- per kg | 10 % | Nil | Livelihood | 11 |
| 3 | Mustard  Pusa Mahek  Sulphur | 850 | 90 % of the total produce | 35/- per kg | 10 % | Nil | Livelihood | 10 |
| 4 | Black gram  PU 31 and Biofertilizer | 950 | 65 % of total produce | 42/- per kg | 15 % | Nil | Livelihood | 21 |
| 5 | Pigeon pea  Birsa Arhar 1, NDA 2 and Biofertilizer | 1050 | 85 % of total produce | 55/- per kg | 15 % | Nil | Livelihood | 14 |
| 6 | Chick pea  P 372 Biofertilizer | 1320 | 80 % of total produce | 44/- per kg | 20 % | Nil | Livelihood | 15 |
| 7 | Lentil  PL 7  Biofertilizer | 1200 | 85 % of total produce | 44/- per kg | 15% | Nil | Livelihood | 12 |
| 8 | Green gram  IPM 2-3  Biofertilizer | 1000 | 80 % of total produce | 48/- per kg | 20% | Nil | Livelihood | 20 |

1. **Farmers’ perception of the intervention demonstrated**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Technologies demonstrated  (with name) | Farmers' Perception parameters | | | | | |
| Suitability to their farming system | Likings  (Preference) | Affordability | Any negative effect | Is Technology acceptable to all in the group/village | Suggestions, for change/improvement, if any |
| 1 | Sesame  RT 346  Line Sowing | Variety suitable for farming system | Seed colour and higher number of seed per pod | Good | Nil | Yes |  |
| 2 | Niger  BN 3  Line Sowing | Variety suitable for farming system | Higher oil content and yield | Good | Nil | Yes |  |
| 3 | Mustard  Pusa Mahek  Sulphur | Variety suitable for farming system | Higher yield, bold seed and high oil content | Yes | Nil | Yes |  |
| 4 | Black gram  PU 31 and Biofertilizer | Variety suitable for farming system | Bold Seed and higher number of seed per pod | Yes | Nil | Yes |  |
| 5 | Pigeon pea  Birsa Arhar 1, NDA 2 and Biofertilizer | Variety suitable for farming system | Bold seed | Yes | Nil | Yes |  |
| 6 | Chick pea  P 372 Biofertilizer | Variety suitable for farming system | Bold seed | Yes | Nil | Yes |  |
| 7 | Lentil  PL 7  Biofertilizer | Variety suitable for farming system | Bold seed | Yes | Nil | Yes |  |
| 8 | Green gram  IPM 2-3  Biofertilizer | Variety suitable for farming system | Bold seed | Yes | Nil | Yes |  |

1. **Specific Characteristics of Technology and Performance**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop | Specific Characteristics | Performance | Performance of Technology vis-a vis Local Check | Farmers Feedback |
| Sesame | White seed and oil content 50% | Minimized yield gap | 57% higher than local | Desirable seed size and quality |
| Niger | Bold seed and oil content 42% | Minimized yield gap | 31% higher than local | Desirable seed size and oil content |
| Mustard | High yielding variety and higher oil percentage | Minimized yield gap to the tune of 20% of potential yield | 70% higher than local | Satisfied with yield |
| Black gram | High yielding, Resistance to YMV, Bold Seed | Minimized yield gap to the tune of 23 per cent of potential yield | Yielded 46 per cent higher as compared to local check | Desirable seed size and quality |
| Pigeon pea | High yielding, Bold Seed | Minimized yield gap to the tune of 22 per cent of potential yield | Yielded 51 per cent higher as compared to local check | Satisfied with seed size and crop yield |
| Chick pea | High yielding, Bold Seed | Minimized yield gap to the tune of 27 per cent of potential yield | Yielded 65 per cent higher as compared to local check | Satisfied with seed size and crop yield |
| Lentil | High yielding, Bold Seed | Minimized yield gap to the tune of 45 per cent of potential yield | Yielded 166 per cent higher as compared to district average | Desirable seed size and quality |
| Green gram (Summer) | High yielding and resistance to YMV | Minimized yield gap to the tune of 37 per cent of potential yield | Yielded 174 per cent higher as compared to existing yield | Satisfied with yield |

1. **Extension activities under FLD conducted till dates:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Extension Activities organized** | **Date** | **Place of activity** | **Number of farmer attended** |
| 1. Crop: Sesame | Farmers Training | Date: 21/06/2017 | Place: Suilidanga, Barharwa | 28 |
|  | Farmers Training | Date: 24/06/2017 | Place: Chasgama, Borio | 32 |
|  | Field Day | Date: 19/09/2017 | Place: Suilidanga, Barharwa | 42 |
|  | Field Day | Date: 20/09/2017 | Place: Chasgama, Borio | 38 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Extension Activities organized** | **Date** | **Place of activity** | **Number of farmer attended** |
| 2. Crop: Niger | Farmers Training | Date: 01/08/2017 | Place: Piyarpur, Udhwa | 35 |
|  | Farmers Training | Date: 02/08/2017 | Place: Murlisimaldhab, Rajmahal | 36 |
|  | Field Day | Date: 23/10/2017 | Place: Piyarpur, Udhwa | 44 |
|  | Field Day | Date: 24/10/2017 | Place: Murlisimaldhab, Rajmahal | 48 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Extension Activities organized** | **Date** | **Place of activity** | **Number of farmer attended** |
| 3. Crop: Mustard | Farmers Training | Date: 3/10/2017 | Place: Telo, Borio | 35 |
|  | Farmers Training | Date: 5/10/2017 | Place: Haripur, Rajmahal | 46 |
|  | Farmers Training | Date: 7/10/2017 | Place: Jobo Nishinta, Rajmahal | 42 |
|  | Farmers Training | Date: 09/10/2017 | Place: Darlaghat | 55 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Extension Activities organized** | **Date** | **Place of activity** | **Number of farmer attended** |
| 4. Crop: Black gram | Farmers Training | Date: 12/06/2017 | Place: Rai Bazar, Rajmahal | 44 |
|  | Farmers Training | Date: 13/06/2017 | Place: Piyarpur, Udhwa | 41 |
|  | Field Day | Date: 04/09/2017 | Place: Rai Bazar, Rajmahal | 65 |
|  | Field Day | Date: 05/09/2017 | Place: Piyarpur, Udhwa | 56 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Extension Activities organized** | **Date** | **Place of activity** | **Number of farmer attended** |
| 5. Crop: Pigeon pea | Farmers Training | Date: 14/06/2017 | Place: Chapujan, Barharwa | 55 |
|  | Farmers Training | Date: 17/06/2016 | Place: Chapujan, Barharwa | 65 |
|  | Field Day | Date: 25/10/2017 | Place: Chapujan, Barharwa | 71 |
|  | Field Day | Date: 16/12/2017 | Place: Chapujan, Barharwa | 58 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Extension Activities organized** | **Date** | **Place of activity** | **Number of farmer attended** |
| 6. Crop: Chickpea | Farmers Training | Date: 11/10/2017 | Place: Bhimpara, Barharwa | 38 |
|  | Farmers Training | Date: 13/10/2017 | Place: Bhimpara, Barharwa | 36 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Extension Activities organized** | **Date** | **Place of activity** | **Number of farmer attended** |
| 7. Crop: Lentil | Farmers Training | Date:12/10/2017 | Place: Siulidanga, Barharwa | 41 |
|  | Farmers Training | Date:14/10/2017 | Place:Bataiel, Barharwa | 37 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Extension Activities organized** | **Date** | **Place of activity** | **Number of farmer attended** |
| 8. Crop: Green gram | Farmers Training | Date: 10/02/2018 | Place: Kazigaon | 28 |
|  | Farmers Training | Date: 15/02/2018 | Place: Digghi | 31 |

**Details of budget utilization**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop | Items | Budget  Received  (Rs.) | Budget  Utilization  (Rs.) | Balance  (Rs.) |
| **Sesame** | i) Critical input | 45,000/- | 45,000/- | Nil |
| ii) TA/DA/POL etc. for monitoring | 5,000/- | 5,000/- | Nil |
| iii) Extension Activities (Field day) |  |  |
| iv)Publication of literature |  |  |
|  | **Total** | **50,000/-** | **50,000/-** | **Nil** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop | Items | Budget  Received  (Rs.) | Budget  Utilization  (Rs.) | Balance  (Rs.) |
| **Niger** | i) Critical input | 90,000/- | 90,000/- | Nil |
| ii) TA/DA/POL etc. for monitoring | 10,000/- | 10,000/- | Nil |
| iii) Extension Activities (Field day) |  |  |
| iv)Publication of literature |  |  |
|  | **Total** | **1,00,000/-** | **1,00,000/-** | **Nil** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop | Items | Budget  Received  (Rs.) | Budget  Utilization  (Rs.) | Balance  (Rs.) |
| **Mustard** | i) Critical input | 2,70,000/- | 2,70,000/- | Nil |
| ii) TA/DA/POL etc. for monitoring | 30,000/- | 30,000/- | Nil |
| iii) Extension Activities (Field day) |  |  |
| iv)Publication of literature |  |  |
|  | **Total** | **3,00,000/-** | **3,00,000/-** | **Nil** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop | Items | Budget  Received  (Rs.) | Budget  Utilization  (Rs.) | Balance  (Rs.) |
| **Black gram** | i) Critical input | 67,500/- | 67,500/- | Nil |
| ii) TA/DA/POL etc. for monitoring | 7,500/- | 7,500/- | Nil |
| iii) Extension Activities (Field day) |  |  |
| iv)Publication of literature |  |  |
|  | **Total** | **75,000/-** | **75,000/-** | **Nil** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop | Items | Budget  Received  (Rs.) | Budget  Utilization  (Rs.) | Balance  (Rs.) |
| **Pigeon pea** | i) Critical input | 1,35,000/- | 1,35,000/- | Nil |
| ii) TA/DA/POL etc. for monitoring | 15,000/- | 15,000/- | Nil |
| iii) Extension Activities (Field day) |  |  |
| iv)Publication of literature |  |  |
|  | **Total** | **1,50,000/-** | **1,50,000/-** | **Nil** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop  (provide crop wise information ) | Items | Budget  Received  (Rs.) | Budget  Utilization  (Rs.) | Balance  (Rs.) |
| **Chick pea** | i) Critical input | 67,500/- | 67,500/- | Nil |
| ii) TA/DA/POL etc. for monitoring | 7,500/- | 7,500/- | Nil |
| iii) Extension Activities (Field day) |  |  |
| iv)Publication of literature |  |  |
|  | **Total** | **75,000/-** | **75,000/-** | **Nil** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop | Items | Budget  Received  (Rs.) | Budget  Utilization  (Rs.) | Balance  (Rs.) |
| **Lentil** | i) Critical input | 67,500/- | 67,500/- | Nil |
| ii) TA/DA/POL etc. for monitoring | 7,500/- | 7,500/- | Nil |
| iii) Extension Activities (Field day) |  |  |
| iv)Publication of literature |  |  |
|  | **Total** | **75,000/-** | **75,000/-** | **Nil** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop | Items | Budget  Received  (Rs.) | Budget  Utilization  (Rs.) | Balance  (Rs.) |
| **Green gram** | i) Critical input | 67,500/- | 67,500/- | Nil |
| ii) TA/DA/POL etc. for monitoring | 7,500/- | 7,500/- | Nil |
| iii) Extension Activities (Field day) |  |  |
| iv)Publication of literature |  |  |
|  | **Total** | **75,000/-** | **75,000/-** | **Nil** |

**List of Farmer under CFLD: (Crop wise list of farmers are enclosed as Annexure III)**

* 1. **Achievements on Training (Including the sponsored and FLD training programmes):**

1. **Farmers and farm women (on campus)**

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | | Grand Total | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Other | | | SC | | | | ST | | |
|  | M | F | T | M | F | | T | M | F | T | M | F | T |
| **I. Crop Production** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Weed Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Resource Conservation Technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cropping Systems |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Crop Diversification |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Farming | 9 | 69 | 47 | 116 | 18 | 12 | | 30 | 93 | 31 | 124 | 180 | 90 | 270 |
| Water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Seed production | 2 | 30 | 0 | 30 | 12 | 0 | | 12 | 18 | 0 | 18 | 60 | 0 | 60 |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Crop Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Fodder production | 2 | 29 | 0 | 29 | 9 | 0 | | 9 | 22 | 0 | 22 | 60 | 0 | 60 |
| Production of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, (cultivation of crops ) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **II. Horticulture** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated nutrient management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Enterprise development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Skill development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Yield increment |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Off-season vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Protective cultivation (Green Houses, Shade Net etc.) | 11 | 68 | 71 | 139 | 24 | 9 | | 33 | 58 | 45 | 103 | 150 | 125 | 275 |
| Others, if any (Cultivation of Vegetable) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **b) Fruits** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Layout and Management of Orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cultivation of Fruit |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of young plants/orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential fruits |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any(INM) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **c) Ornamental Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential of ornamental plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **d) Plantation crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **e) Tuber crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **f) Spices** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **g) Medicinal and Aromatic Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **III. Soil Health and Fertility Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil fertility management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil and Water Conservation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Nutrient Management | 2 | 15 | 0 | 15 | 15 | 0 | | 15 | 30 | 0 | 30 | 60 | 0 | 60 |
| Production and use of organic inputs | 1 | 5 | 0 | 5 | 9 | 0 | | 9 | 16 | 0 | 16 | 30 | 0 | 30 |
| Management of Problematic soils |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro nutrient deficiency in crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nutrient Use Efficiency |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil and Water Testing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **IV. Livestock Production and Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Poultry Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Piggery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Feed management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Goat farming |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **V. Home Science/Women empowerment** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening | 1 | 0 | 5 | 5 | 0 | 8 | | 8 | 0 | 17 | 17 | 0 | 30 | 30 |
| Design and development of low/minimum cost diet |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Designing and development for high nutrient efficiency diet |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Minimization of nutrient loss in processing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs | 1 | 0 | 0 | 0 | 0 | 15 | | 15 | 0 | 15 | 15 | 0 | 30 | 30 |
| Storage loss minimization techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Enterprise development (Mushroom) | 1 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 30 | 30 | 0 | 30 | 30 |
| Value addition | 1 | 0 | 12 | 12 | 0 | 8 | | 8 | 0 | 10 | 10 | 0 | 30 | 30 |
| Income generation activities for empowerment of rural Women |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Capacity building |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Women and child care |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **VI. Agril. Engineering** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Installation and maintenance of micro irrigation systems |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Use of Plastics in farming practices |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of small tools and implements |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements | 2 | 14 | 0 | 14 | 17 | 0 | | 17 | 29 | 0 | 29 | 60 | 0 | 60 |
| Small scale processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rain Water Harvesting | 1 | 12 | 0 | 12 | 7 | 0 | | 7 | 11 | 0 | 11 | 30 | 0 | 30 |
| **VII. Plant Protection** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Disease Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Bio-control of pests and diseases |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **VIII. Fisheries** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated fish farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Carp breeding and hatchery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Carp fry and fingerling rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Composite fish culture & fish disease |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Hatchery management and culture of freshwater prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Breeding and culture of ornamental fishes |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Portable plastic carp hatchery |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pen culture of fish and prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Edible oyster farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish processing and value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **IX. Production of Inputs at site** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-agents production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-pesticides production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-fertilizer production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermi-compost production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Organic manures production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of fry and fingerlings |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Bee-colonies and wax sheets |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Small tools and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of livestock feed and fodder |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Fish feed |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **X. Capacity Building and Group Dynamics** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Leadership development |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Group dynamics |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mobilization of social capital |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| XI Agro-forestry |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **XII. Others (Pl. Specify)** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **TOTAL** | **34** | **242** | **135** | **377** | **111** | | **52** | **163** | **277** | **148** | **425** | **630** | **335** | **965** |

**B) Rural Youth (on campus)**

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Other | | | SC | | | ST | | |
|  | M | F | T | M | F | T | M | F | T | M | F | T |
| Mushroom Production | 2 | 0 | 19 | 19 | 0 | 21 | 21 | 0 | 20 | 20 | 0 | 60 | 60 |
| Bee-keeping | 3 | 18 | 0 | 18 | 32 | 0 | 32 | 40 | 0 | 40 | 90 | 0 | 90 |
| Integrated farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seed production | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 60 | 60 | 0 | 60 |
| Production of organic inputs | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 30 | 120 | 90 | 30 | 120 |
| Soil and Water Testing | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 30 | 30 | 0 | 30 |
| Integrated Farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vermi-culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Protected cultivation of vegetable crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Commercial fruit production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements | 2 | 25 | 0 | 25 | 15 | 0 | 15 | 20 | 0 | 20 | 60 | 0 | 60 |
| Nursery Management of Horticulture crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Training and pruning of orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Value addition | 2 | 5 | 0 | 5 | 10 | 0 | 10 | 45 | 0 | 45 | 60 | 0 | 60 |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dairying |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sheep and goat rearing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Quail farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rabbit farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Poultry production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ornamental fisheries |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Enterprise development |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Para vets |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Para extension workers |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Freshwater prawn culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cold water fisheries |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fish harvest and processing technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fry and fingerling rearing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Small scale processing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tailoring and Stitching |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** | **16** | **48** | **19** | **67** | **57** | **21** | **78** | **285** | **50** | **335** | **390** | **90** | **480** |

**C) Extension Personnel (on campus)**

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | | Grand Total | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Other | | | SC | | | | ST | | |
|  | M | F | T | M | F | | T | M | F | T | M | F | T |
| Productivity enhancement in field crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Nutrient management | 1 | 8 | 3 | 11 | 2 | | 0 | 2 | 12 | 5 | 17 | 22 | 8 | 30 |
| Rejuvenation of old orchards |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Protected cultivation technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Group Dynamics and farmers organization |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Capacity building for ICT application |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Care and maintenance of farm machinery and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Management in farm animals |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Women and Child care |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Low cost and nutrient efficient diet designing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Post Harvest Technology | 1 | 9 | 3 | 12 | 0 | | 0 | 0 | 11 | 5 | 16 | 20 | 8 | 28 |
| Seed Production | 2 | 20 | 7 | 27 | 0 | | 0 | 0 | 26 | 9 | 35 | 46 | 16 | 62 |
| Soil Water Conservation | 1 | 16 | 0 | 16 | 2 | | 0 | 2 | 14 | 0 | 14 | 32 | 0 | 32 |
| Soil Water Testing | 1 | 8 | 3 | 11 | 0 | | 0 | 0 | 12 | 5 | 17 | 20 | 8 | 28 |
| Mushroom Production | 1 | 12 | 2 | 14 | 0 | | 0 | 0 | 15 | 2 | 17 | 27 | 4 | 31 |
| **TOTAL** | **7** | **73** | **18** | **91** | **4** | | **0** | **4** | **90** | **26** | **116** | **167** | **44** | **211** |

**D) Farmers and farm women (off campus)**

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Other | | | SC | | | ST | | |
|  | M | F | T | M | F | T | M | F | T | M | F | T |
| **I. Crop Production** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Weed Management | 1 | 10 | 3 | 13 | 8 | 4 | 12 | 7 | 11 | 18 | 25 | 18 | 43 |
| Resource Conservation Technologies |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cropping Systems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Crop Diversification |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Water management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management | 1 | 10 | 2 | 12 | 5 | 2 | 7 | 8 | 3 | 11 | 23 | 7 | 30 |
| Integrated Crop Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fodder production | 2 | 20 | 6 | 26 | 13 | 4 | 17 | 14 | 16 | 30 | 47 | 26 | 73 |
| Production of organic inputs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, (cultivation of crops) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **II. Horticulture** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated nutrient management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Water management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Enterprise development |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Skill development |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Yield increment |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Off-season vegetables |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Protective cultivation (Green Houses, Shade Net etc.) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, if any (Cultivation of Vegetable) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **b) Fruits** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Layout and Management of Orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cultivation of Fruit |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Management of young plants/orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Export potential fruits |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, if any(INM) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **c) Ornamental Plants** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Export potential of ornamental plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **d) Plantation crops** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **e) Tuber crops** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **f) Spices** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **g) Medicinal and Aromatic Plants** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **III. Soil Health and Fertility Management** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soil fertility management | 3 | 17 | 14 | 31 | 7 | 5 | 12 | 6 | 52 | 58 | 30 | 81 | 111 |
| Soil and Water Conservation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient Management | 1 | 6 | 9 | 15 | 6 | 0 | 6 | 11 | 0 | 11 | 23 | 9 | 32 |
| Production and use of organic inputs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Management of Problematic soils |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Micro nutrient deficiency in crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nutrient Use Efficiency |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soil and Water Testing | 3 | 41 | 15 | 56 | 14 | 6 | 20 | 43 | 8 | 51 | 98 | 29 | 127 |
| Others, if any |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **IV. Livestock Production and Management** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Poultry Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Piggery Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Feed management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, if any Goat farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **V. Home Science/Women empowerment** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Design and development of low/minimum cost diet |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Designing and development for high nutrient efficiency diet | 1 | 0 | 0 | 0 | 0 | 10 | 10 | 0 | 30 | 30 | 0 | 40 | 40 |
| Minimization of nutrient loss in processing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Storage loss minimization techniques | 1 | 0 | 0 | 0 | 0 | 14 | 14 | 0 | 22 | 22 | 0 | 36 | 36 |
| Enterprise development (Mushroom) | 2 | 0 | 0 | 0 | 0 | 21 | 21 | 0 | 60 | 60 | 0 | 81 | 81 |
| Value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Income generation activities for empowerment of rural Women |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Capacity building |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Women and child care | 1 | 0 | 0 | 0 | 0 | 7 | 7 | 0 | 30 | 30 | 0 | 37 | 37 |
| Others, if any |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **VI. Agril. Engineering** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Installation and maintenance of micro irrigation systems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Use of Plastics in farming practices | 2 | 22 | 8 | 30 | 12 | 8 | 20 | 28 | 9 | 37 | 62 | 25 | 87 |
| Production of small tools and implements |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements | 3 | 14 | 17 | 31 | 14 | 4 | 18 | 29 | 22 | 51 | 57 | 43 | 100 |
| Small scale processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Post Harvest Technology | 1 | 0 | 0 | 0 | 6 | 0 | 6 | 12 | 13 | 25 | 18 | 13 | 31 |
| Drudgery Reduction | 1 | 27 | 0 | 27 | 7 | 0 | 7 | 0 | 0 | 0 | 34 | 0 | 34 |
| Rain Water Harvesting | 1 | 19 | 11 | 30 | 4 | 5 | 9 | 0 | 0 | 0 | 23 | 16 | 39 |
| **VII. Plant Protection** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Disease Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bio-control of pests and diseases |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **VIII. Fisheries** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated fish farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Carp breeding and hatchery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Carp fry and fingerling rearing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Composite fish culture & fish disease |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hatchery management and culture of freshwater prawn |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Breeding and culture of ornamental fishes |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Portable plastic carp hatchery |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pen culture of fish and prawn |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Edible oyster farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fish processing and value addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **IX. Production of Inputs at site** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bio-agents production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bio-pesticides production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bio-fertilizer production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vermi-compost production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Organic manures production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of fry and fingerlings |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of Bee-colonies and wax sheets |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Small tools and implements |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of livestock feed and fodder |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production of Fish feed |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **X. Capacity Building and Group Dynamics** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Leadership development |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Group dynamics |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mobilization of social capital |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  |  |  |  |  |  |  |  |
| XI Agro-forestry |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **XII. Others (Pl. Specify)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** | **24** | **186** | **85** | **271** | **96** | **90** | **186** | **158** | **276** | **434** | **440** | **461** | **901** |

**E)** **RURAL YOUTH (Off Campus)**

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | | Grand Total | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Other | | | SC | | | | ST | | |
|  | M | F | T | M | F | | T | M | F | T | M | F | T |
| Mushroom Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bee-keeping |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of organic inputs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermi-culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Protected cultivation of vegetable crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Commercial fruit production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Nursery Management of Horticulture crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Training and pruning of orchards |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Dairying |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Sheep and goat rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Quail farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Rabbit farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Poultry production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Ornamental fisheries |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Para vets |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Para extension workers |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Freshwater prawn culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Cold water fisheries |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish harvest and processing technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fry and fingerling rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Small scale processing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Tailoring and Stitching |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  | |  |  |  |  |  |  |  |  |

**F) Extension Personnel (Off Campus)**

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Other | | | SC | | | ST | | |
|  | M | F | T | M | F | T | M | F | T | M | F | T |
| Productivity enhancement in field crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Protected cultivation technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Group Dynamics and farmers organization |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Capacity building for ICT application |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Care and maintenance of farm machinery and implements |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Management in farm animals |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Women and Child care |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Low cost and nutrient efficient diet designing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Crop intensification |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |  |  |  |  |  |  |

**G) Consolidated table (ON and OFF Campus)**

**i. Farmers & Farm Women**

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | | Grand Total | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Other | | | SC | | | | ST | | |
|  | M | F | T | M | F | | T | M | F | T | M | F | T |
| **I. Crop Production** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Weed Management | 1 | 10 | 3 | 13 | 8 | 4 | | 12 | 7 | 11 | 18 | 25 | 18 | 43 |
| Resource Conservation Technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cropping Systems |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Crop Diversification |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Farming | 9 | 69 | 47 | 116 | 18 | 12 | | 30 | 93 | 31 | 124 | 180 | 90 | 270 |
| Water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Seed production | 2 | 30 | 0 | 30 | 12 | 0 | | 12 | 18 | 0 | 18 | 60 | 0 | 60 |
| Nursery management | 1 | 10 | 2 | 12 | 5 | 2 | | 7 | 8 | 3 | 11 | 23 | 7 | 30 |
| Integrated Crop Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Fodder production | 4 | 49 | 6 | 55 | 22 | 4 | | 26 | 36 | 16 | 52 | 107 | 26 | 133 |
| Production of organic inputs |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, (cultivation of crops ) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **TOTAL** | **17** | **168** | **58** | **226** | **65** | **22** | | **87** | **162** | **61** | **223** | **395** | **141** | **536** |
| **II. Horticulture** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **a) Vegetable Crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated nutrient management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Water management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Enterprise development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Skill development |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Yield increment |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of low volume and high value crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Off-season vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery raising |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Exotic vegetables like Broccoli |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential vegetables |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Grading and standardization |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Protective cultivation (Green Houses, Shade Net etc.) | 11 | 68 | 71 | 139 | 24 | 9 | | 33 | 58 | 45 | 103 | 150 | 125 | 275 |
| Others, if any (Cultivation of Vegetable) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **TOTAL** | **11** | **68** | **71** | **139** | **24** | **9** | | **33** | **58** | **45** | **103** | **150** | **125** | **275** |
| **b) Fruits** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Training and Pruning |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Layout and Management of Orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Cultivation of Fruit |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of young plants/orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rejuvenation of old orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential fruits |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro irrigation systems of orchards |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Plant propagation techniques |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any(INM) |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **c) Ornamental Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Management of potted plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Export potential of ornamental plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Propagation techniques of Ornamental Plants |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **d) Plantation crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **e) Tuber crops** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **f) Spices** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and Management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **g) Medicinal and Aromatic Plants** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production and management technology |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post harvest technology and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **III. Soil Health and Fertility Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil fertility management | 3 | 17 | 14 | 31 | 7 | 5 | | 12 | 6 | 52 | 58 | 30 | 81 | 111 |
| Soil and Water Conservation |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Nutrient Management | 3 | 21 | 9 | 30 | 21 | 0 | | 21 | 41 | 0 | 41 | 83 | 9 | 92 |
| Production and use of organic inputs | 1 | 5 | 0 | 5 | 9 | 0 | | 9 | 16 | 0 | 16 | 30 | 0 | 30 |
| Management of Problematic soils |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Micro nutrient deficiency in crops |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Nutrient Use Efficiency |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Soil and Water Testing | 3 | 41 | 15 | 56 | 14 | 6 | | 20 | 43 | 8 | 51 | 98 | 29 | 127 |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **TOTAL** | **10** | **84** | **38** | **122** | **51** | **11** | | **62** | **106** | **60** | **166** | **241** | **119** | **360** |
| **IV. Livestock Production and Management** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Dairy Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Poultry Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Piggery Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rabbit Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Disease Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Feed management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of quality animal products |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Goat farming |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **V. Home Science/Women empowerment** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Household food security by kitchen gardening and nutrition gardening | 1 | 0 | 5 | 5 | 0 | 8 | | 8 | 0 | 17 | 17 | 0 | 30 | 30 |
| Design and development of low/minimum cost diet |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Designing and development for high nutrient efficiency diet | 1 | 0 | 0 | 0 | 0 | 10 | | 10 | 0 | 30 | 30 | 0 | 40 | 40 |
| Minimization of nutrient loss in processing |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs | 1 | 0 | 0 | 0 | 0 | 15 | | 15 | 0 | 15 | 15 | 0 | 30 | 30 |
| Storage loss minimization techniques | 1 | 0 | 0 | 0 | 0 | 14 | | 14 | 0 | 22 | 22 | 0 | 36 | 36 |
| Enterprise development (Mushroom) | 3 | 0 | 0 | 0 | 0 | 21 | | 21 | 0 | 90 | 90 | 0 | 111 | 111 |
| Value addition | 1 | 0 | 12 | 12 | 0 | 8 | | 8 | 0 | 10 | 10 | 0 | 30 | 30 |
| Income generation activities for empowerment of rural Women |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Location specific drudgery reduction technologies |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Capacity building |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Women and child care | 1 | 0 | 0 | 0 | 0 | 7 | | 7 | 0 | 30 | 30 | 0 | 37 | 37 |
| Others, if any |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| **TOTAL** | **9** | **0** | **17** | **17** | **0** | **83** | | **83** | **0** | **214** | **214** | **0** | **314** | **314** |
| **VI. Agril. Engineering** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Installation and maintenance of micro irrigation systems |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Use of Plastics in farming practices | 2 | 22 | 8 | 30 | 12 | 8 | | 20 | 28 | 9 | 37 | 62 | 25 | 87 |
| Production of small tools and implements |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements | 5 | 28 | 17 | 45 | 31 | 4 | | 35 | 58 | 22 | 80 | 117 | 43 | 160 |
| Small scale processing and value addition |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Post Harvest Technology | 1 | 0 | 0 | 0 | 6 | 0 | | 6 | 12 | 13 | 25 | 18 | 13 | 31 |
| Drudgery Reduction | 1 | 27 | 0 | 27 | 7 | 0 | | 7 | 0 | 0 | 0 | 34 | 0 | 34 |
| Rain Water Harvesting | 2 | 31 | 11 | 42 | 11 | 5 | | 16 | 11 | 0 | 11 | 53 | 16 | 69 |
| **Total** | **11** | **108** | **36** | **144** | **67** | **17** | | **84** | **109** | **44** | **153** | **284** | **97** | **381** |
| **VII. Plant Protection** |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Integrated Disease Management |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Bio-control of pests and diseases |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Production of bio control agents and bio pesticides |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **VIII. Fisheries** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated fish farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Carp breeding and hatchery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Carp fry and fingerling rearing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Composite fish culture & fish disease |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Hatchery management and culture of freshwater prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Breeding and culture of ornamental fishes |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Portable plastic carp hatchery |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pen culture of fish and prawn |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Edible oyster farming |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Fish processing and value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **IX. Production of Inputs at site** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-agents production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-pesticides production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Bio-fertilizer production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Vermi-compost production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Organic manures production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of fry and fingerlings |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Bee-colonies and wax sheets |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Small tools and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of livestock feed and fodder |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production of Fish feed |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **X. Capacity Building and Group Dynamics** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Leadership development |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Group dynamics |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Mobilization of social capital |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Entrepreneurial development of farmers/youths |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| WTO and IPR issues |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Others, if any |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **XI Agro-forestry** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production technologies |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Farming Systems |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **XII. Others (Pl. Specify)** |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **TOTAL** | **58** | **428** | **220** | **648** | **207** | | **142** | **349** | **435** | **424** | **859** | **1070** | **796** | **1866** |

**ii. RURAL YOUTH (On and Off Campus)**

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Other | | | SC | | | ST | | |
|  | M | F | T | M | F | T | M | F | T | M | F | T |
| Mushroom Production | 2 | 0 | 19 | 19 | 0 | 21 | 21 | 0 | 20 | 20 | 0 | 60 | 60 |
| Bee-keeping | 3 | 18 | 0 | 18 | 32 | 0 | 32 | 40 | 0 | 40 | 90 | 0 | 90 |
| Integrated farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seed production | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 60 | 60 | 0 | 60 |
| Production of organic inputs | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 30 | 120 | 90 | 30 | 120 |
| Soil and Water Testing | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 30 | 30 | 0 | 30 |
| Integrated Farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Planting material production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vermi-culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sericulture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Protected cultivation of vegetable crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Commercial fruit production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repair and maintenance of farm machinery and implements | 2 | 25 | 0 | 25 | 15 | 0 | 15 | 20 | 0 | 20 | 60 | 0 | 60 |
| Nursery Management of Horticulture crops |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Training and pruning of orchards |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Value addition | 2 | 5 | 0 | 5 | 10 | 0 | 10 | 45 | 0 | 45 | 60 | 0 | 60 |
| Production of quality animal products |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dairying |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sheep and goat rearing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Quail farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Piggery |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rabbit farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Poultry production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ornamental fisheries |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Enterprise development |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Para vets |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Para extension workers |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Composite fish culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Freshwater prawn culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shrimp farming |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pearl culture |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cold water fisheries |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fish harvest and processing technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fry and fingerling rearing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Small scale processing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Post Harvest Technology |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tailoring and Stitching |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Crafts |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total** | **16** | **48** | **19** | **67** | **57** | **21** | **78** | **285** | **50** | **335** | **390** | **90** | **480** |

**iii. Extension Personnel (On and Off Campus)**

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | | Grand Total | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Other | | | SC | | | | ST | | |
|  | M | F | T | M | F | | T | M | F | T | M | F | T |
| Productivity enhancement in field crops |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Value addition |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Pest Management |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Integrated Nutrient management | 1 | 8 | 3 | 11 | 2 | | 0 | 2 | 12 | 5 | 17 | 22 | 8 | 30 |
| Rejuvenation of old orchards |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Protected cultivation technology |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Formation and Management of SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Group Dynamics and farmers organization |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Information networking among farmers |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Capacity building for ICT application |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Care and maintenance of farm machinery and implements |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Livestock feed and fodder production |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Household food security |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Women and Child care |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Low cost and nutrient efficient diet designing |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Production and use of organic inputs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Gender mainstreaming through SHGs |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| Post Harvest Technology | 1 | 9 | 3 | 12 | 0 | | 0 | 0 | 11 | 5 | 16 | 20 | 8 | 28 |
| Seed Production | 2 | 20 | 7 | 27 | 0 | | 0 | 0 | 26 | 9 | 35 | 46 | 16 | 62 |
| Soil Water Conservation | 1 | 16 | 0 | 16 | 2 | | 0 | 2 | 14 | 0 | 14 | 32 | 0 | 32 |
| Soil Water Testing | 1 | 8 | 3 | 11 | 0 | | 0 | 0 | 12 | 5 | 17 | 20 | 8 | 28 |
| Mushroom Production | 1 | 12 | 2 | 14 | 0 | | 0 | 0 | 15 | 2 | 17 | 27 | 4 | 31 |
| **TOTAL** | **7** | **73** | **18** | **91** | **4** | | **0** | **4** | **90** | **26** | **116** | **167** | **44** | **211** |

## Please furnish the details of training programmes as Annexure in the proforma given below: (Training details in specified format is enclosed as Annexure II)

## H) Vocational training programmes for Rural Youth

## Details of training programmes for Rural Youth

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Crop / Enterprise** | **Identified Thrust Area** | **Training title\*** | **Duration (days)** | No. of Participants | | | Self employed after training | | | **Number of persons employed else where** |
| **M** | **F** | **T** | **Type of units** | **Number**  **of units** | **Number of persons employed** |
| Rice | Enterprenurship development | Seed production techniques for rice | 5 | 30 | - | 30 |  |  |  |  |
| Pigeon pea | Enterprenurship development | Seed production techniques for pigeon pea | 5 | 30 | - | 30 |  |  |  |  |
| Vermicompost | Enterprenurship development | Method of vermicompost production | 5 | 30 | - | 30 |  |  |  |  |
| Vermicompost | Enterprenurship development | Method of vermicompost production | 5 | 30 | - | 30 |  |  |  |  |
| Vermicompost | Enterprenurship development | Method of vermicompost production | 5 | - | 30 | 30 |  |  |  |  |
| Honey bee | Enterprenurship development | Beekeeping | 5 | 30 | - | 30 |  |  |  |  |
| Honey bee | Enterprenurship development | Beekeeping | 5 | 30 | - | 30 |  |  |  |  |
| Honey bee | Enterprenurship development | Beekeeping | 5 | 30 | - | 30 |  |  |  |  |
| Mushroom | Enterprenurship development | Commercial mushroom production techniques | 5 | - | 30 | 30 |  |  |  |  |
| Mushroom | Enterprenurship development | Commercial mushroom production techniques | 5 | - | 30 | 30 |  |  |  |  |
|  |  | **Total** | **50** | **210** | **90** | **300** |  |  |  |  |

\*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Title** | **Dur.** | **Clt** | **Male** | | | **Female** | | | **Total** | | | **Total** | **Spon. Agency** |
| **Oth.** | **SC** | **ST** | **Oth.** | **SC** | **ST** | **Oth.** | **SC** | **ST** |
| Integrated Farming | 3 | PF | 18 | 4 | 8 | 0 | 0 | 0 | 18 | 4 | 8 | **30** | ATMA, SBG |
| Integrated Farming | 3 | PF | 0 | 0 | 0 | 20 | 5 | 5 | 20 | 5 | 5 | **30** | ATMA, SBG |
| Integrated Farming | 3 | PF | 0 | 0 | 0 | 15 | 7 | 8 | 15 | 7 | 8 | **30** | ATMA, SBG |
| Integrated Farming | 3 | PF | 16 | 4 | 10 | 0 | 0 | 0 | 16 | 4 | 10 | **30** | ATMA, SBG |
| Integrated Farming | 3 | PF | 8 | 3 | 19 | 0 | 0 | 0 | 8 | 3 | 19 | **30** | ATMA, SBG |
| Integrated Farming | 3 | PF | 9 | 0 | 21 | 0 | 0 | 0 | 9 | 0 | 21 | **30** | ATMA, SBG |
| Integrated Farming | 3 | PF | 10 | 2 | 18 | 0 | 0 | 0 | 10 | 2 | 18 | **30** | ATMA, SBG |
| Integrated Farming | 3 | PF | 0 | 0 | 0 | 12 | 0 | 18 | 12 | 0 | 18 | **30** | ATMA, SBG |
| Integrated Farming | 3 | PF | 8 | 5 | 17 | 0 | 0 | 0 | 8 | 5 | 17 | **30** | ATMA, SBG |
| Protective cultivation | 5 | PF | 15 | 4 | 6 | 0 | 0 | 0 | 15 | 4 | 6 | **25** | DHO, SBG |
| Protective cultivation | 5 | PF | 18 | 0 | 7 | 0 | 0 | 0 | 18 | 0 | 7 | **25** | DHO, SBG |
| Protective cultivation | 5 | PF | 8 | 4 | 13 | 0 | 0 | 0 | 8 | 4 | 13 | **25** | DHO, SBG |
| Protective cultivation | 5 | PF | 0 | 0 | 0 | 17 | 0 | 8 | 17 | 0 | 8 | **25** | DHO, SBG |
| Protective cultivation | 5 | PF | 0 | 0 | 0 | 12 | 4 | 9 | 12 | 4 | 9 | **25** | DHO, SBG |
| Protective cultivation | 5 | PF | 10 | 5 | 10 | 0 | 0 | 0 | 10 | 5 | 10 | **25** | DHO, SBG |
| Protective cultivation | 5 | PF | 9 | 4 | 12 | 0 | 0 | 0 | 9 | 4 | 12 | **25** | DHO, SBG |
| Protective cultivation | 5 | PF | 0 | 0 | 0 | 15 | 0 | 10 | 15 | 0 | 10 | **25** | DHO, SBG |
| Protective cultivation | 5 | PF | 0 | 0 | 0 | 11 | 5 | 9 | 11 | 5 | 9 | **25** | DHO, SBG |
| Protective cultivation | 5 | PF | 0 | 0 | 0 | 16 | 0 | 9 | 16 | 0 | 9 | **25** | DHO, SBG |
| Protective cultivation | 5 | PF | 8 | 7 | 10 | 0 | 0 | 0 | 8 | 7 | 10 | **25** | DHO, SBG |
| **Total** |  |  | **137** | **42** | **151** | **118** | **21** | **76** | **255** | **63** | **227** | **545** |  |

3.4. A. Extension Activities (including activities of FLD programmes)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Nature of Extension Activity | No. of activities | Farmers | | | Extension Officials | | | Total | | |
| Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Field Day | 11 | 412 | 225 | 637 | 12 | 5 | 17 | 424 | 230 | 654 |
| Kisan Mela |  |  |  |  |  |  |  |  |  |  |
| Kisan Ghosthi | 7 | 246 | 155 | 401 | 10 | 6 | 16 | 256 | 161 | 417 |
| Exhibition |  |  |  |  |  |  |  |  |  |  |
| Film Show |  |  |  |  |  |  |  |  |  |  |
| Method Demonstrations |  |  |  |  |  |  |  |  |  |  |
| Farmers Seminar |  |  |  |  |  |  |  |  |  |  |
| Workshop | 1 | 86 | 42 | 128 | 18 | 9 | 27 | 104 | 51 | 155 |
| Group meetings |  |  |  |  |  |  |  |  |  |  |
| Lectures delivered as resource persons | 82 | - | - | - | - | - | - | - | - | - |
| Scientific visit to farmers field | 54 | 546 | 364 | 910 | - | - | - | 546 | 364 | 910 |
| Farmers visit to KVK | 1 | 967 | 291 | 1258 | - | - | - | 967 | 291 | 1258 |
| Exposure visits | 1 | 50 | 0 | 50 | - | - | - | 50 | 0 | 50 |
| Ex-trainees Sammelan |  |  |  |  |  |  |  |  |  |  |
| Soil health Camp | 10 | 364 | 231 | 595 | 9 | 4 | 13 | 373 | 235 | 608 |
| Animal Health Camp |  |  |  |  |  |  |  |  |  |  |
| Agri mobile clinic |  |  |  |  |  |  |  |  |  |  |
| Soil Sample Analysed | 1 | 678 | 222 | 900 | - | - | - | 678 | 222 | 900 |
| Farm Science Club Conveners meet |  |  |  |  |  |  |  |  |  |  |
| Self Help Group Conveners meetings |  |  |  |  |  |  |  |  |  |  |
| Mahila Mandals Conveners meetings | 2 | - | 165 | 165 | 5 | 8 | 13 | 5 | 173 | 178 |
| Sankalp se Siddhi | 1 | 345 | 205 | 550 | 12 | 0 | 12 | 357 | 205 | 562 |
| World Soil Day | 1 | 254 | 91 | 345 | 15 | 12 | 27 | 269 | 103 | 372 |
| **Total** | **172** | **3948** | **1991** | **5939** | **81** | **44** | **125** | **4029** | **2035** | **6064** |

B. Other Extension activities

|  |  |
| --- | --- |
| Nature of Extension Activity | No. of activities |
|
| Newspaper coverage | 52 |
| Radio talks | 0 |
| TV talks | 5 |
| Popular articles | 8 |
| Extension Literature | 3000 |

**3.5 Production and supply of Technological products**

**Village seed**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop | Variety | Quantity of seed  (q) | Value  (Rs) | Provided to number of farmers |
| Paddy | MTU 7029 | 2500 | 75,00,000/- | Provided to State Govt. |
|  | Lalat | 500 | 15,00,000/- | Provided to State Govt |
|  | Sahbhagi | 100 | 3,00,000/- | Provided to State Govt |
| **Total** |  | **3100** | **93,00,000/-** |  |

# KVK farm

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Crop** | **Variety** | **Area (ha)** | **Quantity (q)** | **Value (Rs)** |
| **Cereals** | | | | |
| Paddy | MTU 7029 | 3 | 80 | 3,20,000/- |
|  | Sahbhagi | 2 | 30 | 1,20,000/- |
|  | Lalat | 1 | 5 | 20,000/- |
| **Pulses** | | | | |
| Pigeon pea | Birsa Arhar 1 | 1 | 5 | 66,000/- |
| **Oilseed** | | | | |
| Mustard | Pusa Mahak | 2 | 10 | 93,000/- |
| **Others** | | | | |
| Turmeric | Rajendra Sonia | 1 | 40 | 1,00,000/- |
| **Total** |  | **10** | **170** | **7,19,000/-** |

# Production of planting materials by the KVKs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crop | Variety | No. of planting materials | Value  (Rs) | Provided to number of farmers |
| **Vegetable seedlings** |  | | | |
| Cauliflower | Indam Early | 1000 | 500/- |  |
| Cabbage | Golden acre | 2000 | 1,000/- |  |
| Brocoli | Fiasta | 1000 | 850/- |  |
| Tomato | Swarn Samridhi | 2000 | 1,000/- |  |
| Brinjal | Swarn Sakti | 2000 | 1,000/- |  |
| Chilli | KA 2 | 2000 | 1,000/- |  |
| **Fruits** |  |  |  |  |
| Mango |  |  |  |  |
| Guava |  |  |  |  |
| Lime |  |  |  |  |
| Papaya |  |  |  |  |
| **Total** |  | **10000** | **5,350/-** |  |

**Production of Bio-Products**

|  |  |  |  |
| --- | --- | --- | --- |
| Name of product | **Quantity**  **Kg** | **Value (Rs.)** | **No. of Farmers** |
| Bio Fertilisers |  |  |  |
| Bio-pesticide |  |  |  |
| Bio-fungicide |  |  |  |
| Bio Agents |  |  |  |
| Vermicompost | 1200 | 8,400/- |  |
| **Total** | **1200** | **8,400/-** |  |

# Production of livestock materials: N/A

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Particulars of Live stock | Name of the breed | Number | Value (Rs.) | No. of Farmers |
| Dairy animals |  |  |  |  |
| Cows |  |  |  |  |
| Buffaloes |  |  |  |  |
| Calves |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |
| Poultry |  |  |  |  |
| Broilers |  |  |  |  |
| Layers |  |  |  |  |
| Turkey |  |  |  |  |
| Emu |  |  |  |  |
| Ducks |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |
| Piggery |  |  |  |  |
| Piglet |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |
| Fisheries |  |  |  |  |
| Indian carp |  |  |  |  |
| Exotic carp |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |
| Grand Total |  |  |  |  |

**3.5. b. Seed Hub Programme-*“Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India”***

i) Name of Seed Hub Centre: **N/A**

|  |  |
| --- | --- |
| Name of Nodal Officer : |  |
| Address : |  |
| e-mail : |  |
| Phone No. :  Mobile : |  |

ii) Quality Seed Production Reports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Season | Crop | Variety | Production (q) | | | |
| Target | Area sown (ha) | Production | Category of Seed  (F/S, C/S) |
| Kharif 2017 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Rabi 2017-18 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Summer/Spring 2018 |  |  |  |  |  |  |

iii) Financial Progress

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fund received  (2016-17 and 2017-18) | Expenditure (Rs. in lakhs) | | Unspent balance  (Rs. in lakhs) | Remarks |
| Infrastructure | Revolving fund |
| 2016-17 |  |  |  |  |
| 2017-18 |  |  |  |  |

iv) Infrastructure Development

|  |  |
| --- | --- |
| Item | Progress |
| Seed processing unit |  |
| Seed storage structure |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item | Title | Authors name | Number | Circulation |
| Research Paper | Effect of lime, compost and microbial inoculants on micronutrient removal by mustard and maize in trace metal contaminated soil of Jharkhand. | Jha Amrit Kumar (2017). | *Current Agriculture Research Journal.* 5(2): 196-199. |  |
|  | Trace metal contamination in soils and plants near industrial areas in Jharkhand. | Jha, Amrit Kumar (2017). | *International Journal of Advanced Biological Research.* 7(4): 665-670. |  |
|  | Effect of fly ash generated by Patratu Thermal Power Station on properties of cultivated soils. | Jha, Amrit Kumar, Chatterjee, Kaushik and Sarkar, A. K. (2018). | *Environment and Ecology.* 36(1A): 181-187. |  |
|  | Recent advances in processing of button mushroom | Mehta, B.K., Jain, S.K., Sharma, G.P. and Kumar A. (2017) | *International Journal of Advanced Biological Research.* 7(3): 485-489. |  |
|  | Post harvest management of button mushroom | Mehta, B.K., Jain, S.K. and Surabhi (2017) | *Environment and Ecology.* 35(4D): 3378-3384. |  |
|  | Osmotic dehydration as a pre treatment before hot air drying of mushroom | Mehta, B. K., Kumari Maya, Surabhi and Jain, S.K. (2018) | *Journal of Current Microbilogy and Applied Science.* 7: 1341-1349. |  |
|  | Extent of knowledge of tribal women on nutritional aspects of cultivated oyster mushroom. | Kumari, M., Rani, S., Kumari, A and Mandal B. (2017) | *Progressive Research – An International Journal* Vol 12 (Special II): 1568-1570. |  |
|  | Socio-personnel and economic traits affecting the participation of rural women in agricultural activities. | Kumari Maya (2017). | *Bull. Env. Phermacol. Life Sci.,* Special issue (5): 516-519. |  |
|  | Constraint in empowerment of rural women in Sahibganj district of Jharkhand, India. | Kumari Maya (2018) | *Int. J. Curr. Microbiol. Applied Science* Special Issue (7): 1463-1469. |  |
|  | Role of women in decision making regarding agricultural activities in Sahibganj district of Jharkhand. | Kumari, M., Kumar, A. and Srivastav, A. K. (2018). | *J. Krishi Vigyan,* 6(2): 197-200. |  |
|  | Change in behavioral components of rural women in terms of level of knowledge after receiving value addition training. | Kumari, M., Kumari, A., Kumari, V. and Kumar, M. (2018). | *J. Pharmacognosy and Phytochemistry,* SPI: 463-465. |  |
| Bulletins | सहेबगंज जिले की मिट्टी का स्वास्थ्य I | Dr. Amrit Kumar Jha and Dr. Birendra Kumar Mehta | 1000 |  |
| Popular Articles | महिलाओं के लिए मधुमक्खी पालन रोजगार का साधन I | डॉ. माया कुमारी | 1000 |  |
|  | बटन मशरूम का प्रसंस्करण एवं मूल्य वर्धन I | डॉ. माया कुमारी एवम डॉ. बिरेंद्र कुमार मेह्ता |  |  |
| Extension Pamphlets/ literature | Shree vidhi se dhaan ki kheti | Sri Kaushik Chatterjee and Dr. Amrit Kumar Jha | 2000 |  |
|  | Kechua khad banane ka tarika. | Sri Kaushik Chatterjee and Dr. Amrit Kumar Jha | 2000 |  |
| Technical reports | Progress Report 2015-16 | Krishi Vigyan Kendra, Sahibganj |  |  |
| **TOTAL** |  |  | **6000** |  |

N.B. Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

**(B) Details of HRD programmes undergone by KVK personnel: Nil**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S. No. | Name of programme | Name of course | Name of KVK personnel and designation | Date and Duration | Organized by |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

3.7. Success stories/Case studies, if any (two or three pages write-up on 1-2best case(s) with suitable action photographs)

|  |  |
| --- | --- |
| Name of farmer |  |
| Address |  |
| Contact details (Phone, mobile, email Id) |  |
| Landholding (in ha.) |  |
| Name and description of the farm/ enterprise |  |
| Economic impact |  |
| Social impact |  |
| Environmental impact |  |
| Horizontal/ Vertical spread |  |

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

3.9. a. 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): N/A

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Crop / Enterprise | ITK Practiced | Purpose of ITK |
|  |  |  |  |

b. Give details of organic farming practiced by the farmer: **N/A**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Crop / Enterprise | Area (ha)/ No. covered | Production | No. of farmers involved | Market available (Y/N) |
|  |  |  |  |  |  |

3.10. Indicate the specific training need analysis tools/methodology followed by KVKs

3.11. a. Details of equipment available in Soil and Water Testing Laboratory: **N/A**

|  |  |  |
| --- | --- | --- |
| Sl. No | Name of the Equipment | Qty. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

3.11.b. Details of samples analyzed so far :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Number of soil samples analyzed | | | No. of Farmers | No. of Villages | Amount realized  (in Rs.) |
| Through mini soil testing kit/labs | Through soil testing laboratory | Total |  |  |  |
| 1200 | Nil | 1200 | 9,560 | 125 | - |

3.11.c. Details on World Soil Day

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Activity | No. of Participants | No. of VIPs | Name (s) of VIP(s) | Number of Soil Health Cards distributed | No. of farmers benefitted |
| **1** | **Celebration of World Soil Day, Krishak Goshthi, Farmers-Scientist Interaction** | **372** | **1** | **Smt. Renuka Murmu**  **Chairman**  **Zila Parishad** | **200** | **242** |

3.12. Activities of rain water harvesting structure and micro irrigation system **N/A**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No of training programme | No of demonstrations | No of plant material produced | Visit by the farmers | Visit by the officials |
|  |  |  |  |  |

3.13. Technology week celebration

|  |  |  |  |
| --- | --- | --- | --- |
| **Type of activities** | **No. of activities** | **Number of participants** | **Related crop/livestock technology** |
| Farmers Scientist Interaction, Krishak Goshthi, Exhibition of Farm Implements, Visit of Vermicompost unit, Mushroom production unit | **1** | **524** |  |

3.14. RAWE/ FETprogramme - is KVK involved? (Y/N): **No**

|  |  |
| --- | --- |
| No of student trained | No of days stayed |
|  |  |

|  |  |
| --- | --- |
| ARS trainees trained | No of days stayed |
|  |  |

3.15. List of VIP visitors (Minister/ MP/MLA/DM/VC/ZilaSabhadipati/Other Head of Organization/Foreigners)

|  |  |  |
| --- | --- | --- |
| **Date** | **Name of the person** | **Purpose of visit** |
| 30th Aug 2017 | Sri Anant Kumar Ojha  Hon’ble MLA Rajmahal Assembly Constituency | Participation in Sankalp Se Siddhi Programme |
| 30th Aug 2017 | Sri Tala Marandi  Hon’ble MLA Borio Assembly Constituency | Participation in Sankalp Se Siddhi Programme |
| 30th Aug 2017 | Smt Renuka Murmu  Hon’ble Chairman, Zila Parishad, Sahibganj | Participation in Sankalp Se Siddhi Programme |
| 30th Aug 2017 | Dr. Shailesh Kumar Chaurasiya, IAS  Deputy Commissioner, Sahibganj | Participation in Sankalp Se Siddhi Programme |
| 30th Aug 2017 | Smt Nancy Sahay, IAS  Deputy Development Commissioner, Sahibganj | Participation in Sankalp Se Siddhi Programme |
| 30th Aug 2017 | Sri Ajay Kumar Singh  Joint Director Agriculture, Santhal Pargana | Participation in Sankalp Se Siddhi Programme |
| 5th Dec 2017 | Smt Renuka Murmu  Hon’ble Chairman, Zila Parishad, Sahibganj | Participation in World Soil Day and Krishak Sammelan |

1. IMPACT
   1. Impact of KVK activities (Not to be restricted for reporting period).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

|  |  |
| --- | --- |
| Horizontal spread of technologies | |
| Technology | Horizontal spread |
|  |  |
|  |  |

Give information in the same format as in case studies

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

4.4. Details of innovations recorded by the KVK

|  |  |
| --- | --- |
| Thematic area |  |
| Name of the Innovation |  |
| Details of Innovator |  |
| Back ground of innovation |  |
| Technology details |  |
| Practical utility of innovation |  |

4.5. Details of entrepreneurship development

|  |  |
| --- | --- |
| **Entrepreneurship development** | |
| Name of the enterprise |  |
| Name & complete address of the entrepreneur |  |
| Role of KVK with quantitative data support: |  |
| Timeline of the entrepreneurship development |  |
| Technical Components of the Enterprise |  |
| Status of entrepreneur before and after the enterprise |  |
| Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise): |  |
| Horizontal spread of enterprise |  |

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

|  |  |
| --- | --- |
| Name of organization | Nature of linkage |
| Department of Agriculture, Sahibganj | Planning for khrif and rabi season crops, Monitoring of NFSM programme |
| Agricultural Technology Management Agency, Sahibganj | Joint visit for wider spread of technology, participation in Farmers-Scientist interaction, Training |
| IFFCO, Sahibganj | Field days |
| Distt. Dairy Development Department | Training and awareness programme |
| World Vision India | Training and Field Visit |
| Rajmahal Paharia Vikas Samiti | Training and Field Visit |
| Jharkhand Tribal Development Society | Training and Field Visit |

5.2. List of special programmes undertaken during 2017-18by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development **N/A**

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

(b) Programme for other activities (training, FLD, OFT, Mela, Exhibition etc.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the programme/scheme | Purpose of programme | Date/ Month of initiation | Funding agency | Amount (Rs.) |
| District level training of 9 batches of 30 participating farmers for 3 days. | Training | September 2017 to March 2018 | ATMA, Sahibganj | 3,24,000/- |
| Training of 11 batches of 25 vegetable growers for 5 days. | Training | January 2018 to March 2018 | D.H.O., Sahibganj | 5,50,000/- |

1. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1. Performance of demonstration units (other than instructional farm) **N/A**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of demo Unit | Year of estt. | Area(Sq.mt) | Details of production | | | Amount (Rs.) | | Remarks |
| Variety/breed | Produce | Qty. | Cost of inputs | Gross income |
| 1. |  |  |  |  |  |  |  |  |  |
| 2. |  |  |  |  |  |  |  |  |  |
| 3. |  |  |  |  |  |  |  |  |  |
| 4. |  |  |  |  | | | | |  |
| 5. |  |  |  |  |  |  |  |  |  |
| 6. |  |  |  |  |  |  |  |  |  |
| 7. |  |  |  |  |  |  |  |  |  |
|  | Total |  |  |  |  |  |  |  |  |

6.2. Performance of Instructional Farm (Crops)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name  of the crop | Date of sowing | Date of harvest | Area (ha) | Details of production | | | Amount (Rs.) | | Remarks |
| Variety | Type of Produce | Qty.  (q) | Cost of inputs | Gross income |
| Paddy | 28/06/2017 | 23/11/2017 | 3.0 | MTU 7029 | F/S | 80 |  |  |  |
| Paddy | 08/07/2017 | 27/10/2017 | 2.0 | Sahbhagi | F/S | 30 |  |  |  |
| Paddy | 05/07/2017 | 02/11/2017 | 1.0 | Lalat | F/S | 5 |  |  |  |
| Pigeon pea | 21/06/2017 | 26/03/2018 | 1.0 | Birsa Arhar 1 | F/S | 5 |  |  |  |
| Mustard | 17/11/2017 | 25/03/2018 | 2.0 | Pusa Mahak | F/S | 10 |  |  |  |
| Turmeric | 14/07/2017 | 12/12/2017 | 1.0 | Rajendra | T/L | 40 |  |  |  |

6.3 Performance of Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) **N/A**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.  No. | Name of the Product | Qty. (Kg) | Amount (Rs.) | | Remarks |
| Cost of inputs | Gross income |
| 1. |  |  |  |  |  |
|  |  |  |  |  |  |

* 1. Performance of instructional farm (livestock and fisheries production) **N/A**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No | Name  of the animal / bird / aquatics | Details of production | | | Amount (Rs.) | | Remarks |
| Breed | Type of Produce | Qty. | Cost of inputs | Gross income |
| 1. |  |  |  |  |  |  |  |
| 2. |  |  |  |  |  |  |  |
| 3. |  |  |  |  |  |  |  |

* 1. Utilization of hostel facilities **Not Completed**

Accommodation available (No. of beds)

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

(For whole of the year)

* 1. Utilization of staff quarters **Not completed**

Whether staff quarters has been completed:

No. of staffquarters:

Date of completion:

Occupancy details:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Months | Q I | QII | Q III | QIV | Q V | QVI |
|  |  | | | | | |
|  |
|  |
|  |

1. FINANCIAL PERFORMANCE
   1. Details of KVK Bank accounts

|  |  |  |  |
| --- | --- | --- | --- |
| **Bank account** | **Name of the bank** | **Location** | **Account Number** |
| **With Host Institute** | **State Bank of India** | **College Campus, Sahibganj** | **11462063112** |

* 1. Utilization of funds under FLD on Oilseed *(Rs. In Lakhs)* **N/A**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Released by ICAR | | Expenditure | | Unspent balance as on - |
| Kharif | Rabi | Kharif | Rabi |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

7.3 Utilization of funds under FLD on Pulses *(Rs. In Lakhs)* **N/A**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Released by ICAR | | Expenditure | | Unspent balance as on 1st April 2013 |
| Kharif | Rabi | Kharif | Rabi |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

7.4 Utilization of funds under FLD on Maize *(Rs. In Lakh)* **N/A**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Released by ICAR | | Expenditure | | Unspent balance as on 1st April 2012 |
| Kharif | Rabi | Kharif | Rabi |
|  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |

**7.5 Utilization of KVK funds during the year 2017-18 (Not audited)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Head** | **Sanction** | **Released** | **Expenditure** |
| 1 | Grant in Aid Capital | Nil | Nil | Nil |
| 2 | Grant in Aid Salary | 39,71,000.00 | 39,71,000.00 | 39,77,262.00 |
| 3 | Grant in Aid General | 15,00,000.00 | 15,00,000.00 | 16,52,280.00 |
|  | **Total** | **54,71,000.00** | **54,71,000.00** | **56,29,542.00** |

7.6. Status of revolving fund (Rs. in lakh) for last 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 (Kind + cash) |
| 2015-16 | 11,86,056.00 | 8,65,875.00 | 6,98,505.00 | 13,53,426.00 |
| 2016-17 | 13,53,426.00 | 10,11,224.00 | 7,94,608.00 | 15,70,042.00 |
| 2017-18 | 15,70,042.00 | 4,65,546.00 | 8,05,574.00 | 12,30,014.00 |

* 1. (i) Number of SHGs formed by KVKs **11**

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities

(iii) Details of marketing channels created for the SHGs

* 1. Joint activity carried out with line departments and ATMA

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of activity | Season | With line department | With ATMA | Both |
| Joint Visit of PC and PD (15 times) | Kharif 2015-16 |  | Yes |  |
| Joint Visit of PC and PD (8 times) | Rabi 2015-16 |  | Yes |  |
| Crop cutting | Kharif 2015-16 | Yes | Yes | Yes |
| Crop cutting | Rabi 2015-16 | Yes | Yes | Yes |
| Promotion of vermicompost production | Kharif and Rabi 2015-16 |  | Yes |  |
| Promotion of fodder production | Kharif and Rabi 2015-16 | Yes |  |  |

8. Other information

8.1 Prevalent diseases in Crops **N/A**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of the disease | Crop | Date of outbreak | Area affected (in ha) | % Commodity loss | Preventive measures taken for area (in ha) |
|  |  |  |  |  |  |

8.2. Prevalent diseases in Livestock/Fishery **N/A**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of the disease | Species affected | Date of outbreak | Number of death/ Morbidity rate (%) | Number of animals vaccinated | Preventive measures taken in pond (in ha) |
|  |  |  |  |  |  |

9.1. Nehru YuvaKendra(NYK) Training **N/A**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Title of the training programme | Period | | No. of the participant | | Amount of Fund Received (Rs) |
|  | From | To | M | F |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

9.2. PPV & FR Sensitization training Programme **N/A**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date of organizing the programme | Resource Person | No. of participants | Registration (crop wise) | |
|  |  |  | Name of crop | No. of registration |
|  |  |  |  |  |

9.3. *mKisan*Portal (National Farmers’ Portal/ SMS Portal)

|  |  |  |
| --- | --- | --- |
| Type of message | No. of messages | No. of farmers covered |
| Crop | 12 |  |
| Livestock | 2 |  |
| Fishery |  |  |
| Weather |  |  |
| Marketing |  |  |
| Awareness | 8 |  |
| Training information |  |  |
| Other | 4 |  |
| **Total** | **26** | **15425** |

9.4. *KVK* Portal and Mobile App

|  |  |  |
| --- | --- | --- |
| Sl. No. | Particulars | Description |
| 1. | No. of visitors visited the portal |  |
| 2. | No. of farmers registered in the portal |  |
| 3. | Mobile Apps developed by KVK |  |
| 4. | Name of the App |  |
| 5. | Language of the App |  |
| 6. | Meant for crop/ livestock/ fishery/ others |  |
| 7. | No. of times downloaded |  |

9.5. a. Observation of Swacha Bharat Programme

|  |  |
| --- | --- |
| 19/05/2017 | Training on composting from rural waste at Bataiel of Barharwa block |
| 16/06/2017 | Training on composting from rural waste at Taljhari village of Pathna block |
| 04/07/2017 | Training on composting from rural waste at Brindaban village of Taljhari block |
| 02/08/2017 | Training on composting from rural waste at Mahasingpur village of Rajmahal block |
| 05/09/2017 | Training on composting from rural waste at Bhatbhanga village of Taljhari block |
| 16/10/2016 to 31/10/2016 | Swachhata Pakhwara (Different activities like training, goshthi, awareness programmes were organized during the period at different villages of the district) |
| 06/11/2017 | Training on composting from rural waste at Bhognadih of Barheit block |
| 17/11/2017 | Training on composting from rural waste at Paharpur of Borio block |
| 30/11/2017 | Training on composting from rural waste at Tetariya of Borio block |
| 07/12/2017 | Training on composting from rural waste at Mahadeoganj village of Sahibganj block |
| 20/01/2018 | Training on composting from rural waste at Kodarjanna village of Sahibganj block |
| 24/02/2018 | Training on composting from rural waste at Piyarpur village of Udhwa block |

b. Details of Swachhta activities with expenditure

|  |  |  |
| --- | --- | --- |
| **Activities** | **Number** | **Expenditure (in Rs.)** |
| 1. Digitization of office records/ e-office | 2 |  |
| 1. Basic maintenance | 6 |  |
| 1. Sanitation and SBM | 24 |  |
| 1. Cleaning and beautification of surrounding areas | 5 |  |
| 1. Vermicomposting/   Composting of biodegradable waste management & other activities on generate of wealth for waste | 11 |  |
| 1. Used water for agriculture/ horticulture application | - |  |
| 1. Swachhta Awareness at local level | 6 |  |
| 1. Swachhta Workshops | 2 |  |
| 1. Swachhta Pledge | 8 |  |
| 1. Display and Banner | 2 |  |
| 1. Foster healthy competition | - |  |
| 1. Involvement of print and electronic media | 10 |  |
| 1. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village) | 12 |  |
| 1. No of Staff members involved in the activities | 15 |  |
| 1. No of VIP/VVIPs involved in the activities | 2 |  |
| 16. Any other specific activity (in details) |  |  |
| **Total** | **105** | **-** |

9.6. Observation of National Science day **N/A**

|  |  |
| --- | --- |
| Date of Observation | Activities undertaken |
|
|  |  |

9.7. Programme with SeemaSurakshaBal (BSF) **N/A**

|  |  |  |
| --- | --- | --- |
| Title of Programme | Date | No. of participants |
|  |  |  |

9.8. Agriculture Knowledge in rural school:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Name of School** | **Date of Visit** | **Area covered** |
| 1 | Utkramit Madhya Vidyalay, Kajigaon, Rajmahal | 06/04/2017 | Class V to VIII |
| 2 | Prathmik Vidyalay, Parariya, Rajmahal | 30/04/2017 | Class V to VIII |
| 3 | Utkramit Uchcha Vidyalay, Soti Chaunki, Pangaro | 26/07/2016 | Class I to X |
| 4 | Madhay Vidyalay, Raibanna | 01/08/2016 | Class I to VIII |
| 5 | Utkramit Prathmik Vidyalay, Ramchowki, Taljhari | 02/11/2016 | Class V to VIII |

Give good quality 1-2 photograph(s)

9.9. Details of ‘*Sankalp Se Siddhi’*Programme

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Date of programme | No. of Union Ministers attended the programme | No. of Hon’ble MPs (Loksabha/ Rajyasabha) participated | No. of State Govt. Ministers | Participants (No.) | | | | | | | Coverage by Door Darshan (Yes/No) | Coverage by other channels (Number) |
| MLAs Attended the programme | Chairman ZilaPanchayat | Distt. Collector/ DM | Bank Officials | Farmers | Govt. Officials, PRI members etc. | Total |
| 30th Aug. 2017 | Nil | Nil | Nil | 2 | 1 | 1 | 12 | 535 | 15 | 562 | No | 3 (E TV, Kashish, Sahara) |

9.10. Details of Swachhta Hi Sewa programme organized

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.  No. | Activity | No. of villages Involved | No. of Participants | No. of VIPs | Name (s) of VIP(s) |
| 1 | Awareness, Cleaning of public place, Cleaning of KVK premises, Awareness at Panchayat Bhavan of adopted villages and cleaning of Panchayat parisar | 5 | 226 | Nil | - |

9.11. Details of Mahila Kisan Divas programme organized

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.  No. | Activity | No. of villages Involved | No. of Participants | No. of VIPs | Name (s) of VIP(s) |
| 1 | Kisan Ghosthi | 17 | 164 | 1 | Smt. Renuka Murmu  Chairman, Zila Parishad |

9.12. No. of Progressive/Innovative/Lead farmer identified (category wise)

**List of Progressive Farmers**

|  |  |  |  |
| --- | --- | --- | --- |
| S.N. | Name | Address | Contact No. |
| 1. | Sri Uttam Kushwaha | Lalbandh,Rajmahal,Sahibganj | 08002309634 |
| 2. | Sri Pawan Singh | Parariya,Rajmahal,Sahibganj | 09771334785 |
| 3. | Sri Surendra Choudhary | Mayurkola,Barharwa,Sahibganj | 08083201907 |
| 4. | Sri Ajit Kr.Arya | Kotalpokhar,Barharwa Sahibganj | 07870478234 |
| 5. | Sri Khublal Pandit | Telo,Borio, Sahibganj, | 08102559274 |
| 6. | Sri Asunta Hembram | Jirul,Borio, Sahibganj, | 09905650291 |
| 7. | Sri Rajeev Kr.Yadav | Mahadevganj, Sahibganj | 09162458289 |
| 8. | Sri Raghuvansh Yadav | Mahadevganj, Sahibganj | 07250172916 |
| 9. | Sri Ramesh C. Ravidas | Dumariya,Barhet, Sahibganj | 08987429872 |
| 10. | Sri Niladri S. Mitra | Barharwa, Sahibganj, | 09801161162 |
| 11. | Md. Anisur Rahman | Harishpur, Barharwa, Sahibganj | 09905899114 |
| 12. | Md.Rauff | Kullipara, Sahibganj | 08102808005 |
| 13. | Sri Chandra S. Singh. | Bangali Tola, Sahibganj | 09199867342 |
| 14. | Sri Niranjan Yadav | Sobhanpur diara, Sahibganj | 09973749949 |
| 15. | Md.Sabeer Hussain | Barharwa, Sahibganj | 09709282706 |
| 16. | Sri Harendra Kr. Sah | Barharwa, Sahibganj, | 09798452525 |
| 17. | Sri Gaya Lal Dehri | Pathana, Sahibganj, | 09470922631 |
| 18. | Sri Mahesh Pandey | Nadi Diara, Sahibganj | 08936810749 |
| 19. | Sri Safaniyal Besra | Vrindaban,Taljhari,Sahibganj | 09835606410 |
| 20. | Sri Shyam Kumar | Mirjachauki, Mandro, Sahibganj | 09162021622 |
| 21. | Sri Bablu Tudu | Nira Para, Borio, Sahibganj. | 07739750407 |
| 22. | Sri Vishwanath Mandal | Chanan, Borio, Sahibganj | 08757242470 |
| 23. | Sri Aditya Prakash | Mahadevganj, Sahibganj | 09835761003 |
| 24. | Sri Kangan Hembram | Dumariya, Barhet, Sahibganj | 08987650569 |
| 25. | Sri Siyaram Yadav | Sahibganj Gramin Panchayat, Sahibganj | 08252885743 |
| 26. | Sri Babban Yadav | Sahibganj Gramin Panchayat, Sahibganj | 07870651938 |
| 27. | Sri Kailash Thakur | Hajipur Diara, Sahibganj | 08521210728 |
| 28. | Sri Brahmdeo Mandal | Hajipur Diara, Sahibganj | 08521210728 |
| 29. | Sri Kapildev Mandal | Hajipur Diara, Sahibganj | 08521210728 |
| 30. | Sri Rudal Choudhary | Gaday Diara, Sahibganj | 09955790304 |
| 31. | Sri Bhudeo Mandal | Harishchandrapur, Darla, Rajmahal | 09199467169 |
| 32. | Sri Rajesh Yadav | Chhoti Koderjanna, sahibganj | 07779983716 |

9.13.HRD programmes attended by KVK person

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Training programme/ Seminar/ Symposia/ Workshop etc attended** | **Duration** | **Name of the**  **participants** | **Designation** | **Organizer of the Programme** |
| Advance in agricultural and applied sciences for promoting food security | May13-15, 2017 | Dr. Maya Kumari | Scientist (Home Science) | SAID, Ranchi |
| Women empowerment: Challenges and Strategies. | Aug 5-6, 2017 | Dr. Maya Kumari | Scientist (Home Science) | Bihar Agril. University, Sabour |
| Advances in agricultural and biodiversity conservation for sustainable development | Oct 27-28, 2017 | Dr. Maya Kumari | Scientist (Home Science) | ATDS, Meerut |
| Promoting and reinvigorating agri-horti technical innovations | Nov 11-12, 2017 | Dr. Maya Kumari | Scientist (Home Science) | PRAGATI, Agra |
| Doubling farmers income and farm production through skill development and technology application | Nov 28-30, 2017 | Dr. Maya Kumari | Scientist (Home Science) | Indian Society of Extension Education, New Delhi |
| Development in soil science 2017 | Dec 11-14, 2017 | Dr. Amrit Kumar Jha | Scientist (Soil Science) | Indian Society of Soil Science, New Delhi |
| Improving income of farmers through agriculture and aquaculture through development in interventions | Jan 5-7, 2018 | Dr. Maya Kumari | Scientist (Home Science) | Society of Krishi Vigyan |
| ICT applications in changing face of agriculture | Jan 19-20, 2018 | Dr. Maya Kumari | Scientist (Home Science) | Birsa Agricultural University, Kanke, Ranchi |
| Livelihood and food security | Jan 27-28, 2018 | Dr. Maya Kumari | Scientist (Home Science) | SAID, Ranchi |
| Food and Agriculture | March 29-31, 2018 | Dr. Maya Kumari | Scientist (Home Science) | Endling, |

9.14. Revenue generation

| SL.No. | Name of Head | Income(Rs.) | Sponsoring agency |
| --- | --- | --- | --- |
| 1. | Lodging | 84,000.00 | ATMA, DAO, DHO |
| 2. | Institutional | 30,625.00 | ATMA, DAO, DHO |

9.15. Resource Generation: **N/A**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.No. | Name of the programme | Purpose of the programme | Sources of fund | Amount  (Rs. lakhs) | Infrastructure created |
| - | - | - | - | **-** | **-** |

9.16. Performance of Automatic Weather Station in KVK: **N/A**

|  |  |  |
| --- | --- | --- |
| Date of establishment | Source of funding i.e. IMD/ICAR/Others (pl. specify) | Present status of functioning |
| - | - | - |

9.17. Contingent crop planning

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of the state | Name of district/KVK | Thematic area | Number of programmes organized | Number of Farmers contacted | A brief about contingent plan executed by the KVK |
| Jharkhand | Sahibganj | Crop Management | 5 | 215 | Suitability of variety for contingent situation  Promotion of DSR (Direct Seeded Rice) |

10. Report on Cereal Systems Initiative for South Asia (CSISA): **N/A**

1. Year:
2. Introduction / General Information:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Title | Objective | Treatment details | Date of sowing | Replication | Result with photographs |
| Experiment 1 |  |  |  |  |  |  |
| Experiment 2 |  |  |  |  |  |  |
| Experiment 3 |  |  |  |  |  |  |
| … |  |  |  |  |  |  |
| .. |  |  |  |  |  |  |
| Others (If any) |  |  |  |  |  |  |

11. Details of TSP

1. Achievements of physical output under TSP during 2017-18

|  |  |
| --- | --- |
| **Programmes** | **Physical achievements** |
| Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.) | 152 |
| On-farm trials (Number) | 4 |
| Frontline demonstrations (Number) | 11 |
| Farmers training (in lakh) | 0.01057 |
| Extension personnel training (in lakh) | 0.00116 |
| Participants in extension activities (in lakh) | 0.01622 |
| Seed production (in tonnes) | 17.0 |
| Planting material production (in lakh) | 0.03000 |
| Livestock strains and fingerlings production (in lakh) | - |
| Soil, water, plant, manures samples testing (in lakh) | 0.00375 |
| Provision of mobile agro – advisory to farmers (in lakh) | - |
| No. of otherprogrammes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.) | 16 |

1. Fund received under TSP in 2017-18 (Rs. In lakh): **15.00 lakh**
2. Achievements of physical outcomeunder TSP during 2017-18

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Description | Unit | Achievements |
|
| 1 | Change in family income | % |  |
| 2 | Change in family consumption level | % |  |
| 3 | Change in availability of agricultural implements/ tools etc. | No. per household |  |

1. Location and Beneficiary Details during 2017-18

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***District*** | ***Sub-district / Block*** | ***No. of Village covered*** | ***Name of village(s)***  ***covered*** | ***ST population benefitted***  ***(No.)*** | | |
| M | F | T |
| Sahibganj | Borio | 4 | Barmasiya | 26 | 32 | 58 |
|  |  |  | Khairwa | 31 | 26 | 57 |
|  |  |  | Jirul | 46 | 52 | 98 |
|  |  |  | Paharpur | 24 | 27 | 51 |
|  | Pathna | 5 | Vijaypur | 35 | 28 | 63 |
|  |  |  | Taljhari | 27 | 17 | 44 |
|  |  |  | Chandola | 22 | 34 | 56 |
|  |  |  | Dighi | 30 | 18 | 48 |
|  |  |  | Ghatiyari | 15 | 16 | 31 |
|  | Barheit | 5 | Dumariya | 78 | 63 | 141 |
|  |  |  | Bhognadih | 28 | 36 | 64 |
|  |  |  | Barmasiya | 52 | 36 | 88 |
|  |  |  | Bara Daldali | 67 | 45 | 112 |
|  |  |  | Gopladih | 43 | 56 | 99 |
|  | Taljhari | 8 | Brindaban | 42 | 46 | 88 |
|  |  |  | Sahrajdhab | 24 | 35 | 59 |
|  |  |  | Ambadih | 30 | 31 | 61 |
|  |  |  | Bhatbhanga | 27 | 38 | 65 |
|  |  |  | Bhagiyamari | 16 | 18 | 34 |
|  |  |  | Gangatia | 32 | 35 | 67 |
|  |  |  | Simaljori | 28 | 34 | 62 |
|  |  |  | Hisiganj | 33 | 28 | 61 |
|  | Mandro | 3 | Ambadiha | 52 | 35 | 87 |
|  |  |  | Bartalla | 67 | 46 | 113 |
|  |  |  | Kendua | 38 | 31 | 69 |

12.Progress report of NICRA KVK (Technology Demonstration component) during the period

(Applicable for KVKs identified under NICRA) **N/A**

Natural Resource Management

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of intervention undertaken | Numbers under taken | No of units | Area (ha) | No of farmers covered / benefitted | Remarks |
|  |  |  |  |  |  |

Crop Management

|  |  |  |  |
| --- | --- | --- | --- |
| Name of intervention undertaken | Area (ha) | No of farmers covered / benefitted | Remarks |
|  |  |  |  |
|  |  |  |  |

Livestock and fisheries

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of intervention undertaken | Number of animal covered | Number of units | Area (ha) | No of farmers covered / benefitted | Remarks |
|  |  |  |  |  |  |

Institutional interventions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of intervention undertaken | No of units | Area (ha) | No of farmers covered / benefitted | Remarks |
|  |  |  |  |  |

Capacity building

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Thematic area | No. of Courses | No. of beneficiaries | | |
| Males | Females | Total |
|  |  |  |  |  |
|  |  |  |  |  |

Extension activities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Thematic area | No. of activities | No. of beneficiaries | | |
| Males | Females | Total |
|  |  |  |  |  |
|  |  |  |  |  |

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK **N/A**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of the Award | Year | Conferring Authority | Amount | Purpose |
|  |  |  |  |  |  |

Award received by Farmers from the KVK district **N/A**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of the Award | Name of the Farmer | Year | Conferring Authority | Amount | Purpose |
|  |  |  |  |  |  |  |

14. Any significant achievement of the KVK with facts and figures as well as quality photograph

15. Number of commodity-based organizations/ farmers’ cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated) **N/A**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Name of the organization/ Society | Trust Deed No.& date | Date of Trust Registration        Address | Proposed Activity | Commodity Identified | No. of Members | Financial position  (Rupees in lakh) | Success indicator |
|  |  |  |  |  |  |  |  |  |

1. Integrated Farming System (IFS) **N/A**

Details of KVK Demo. Unit

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.  No. | Module details (Component-wise) | Area under IFS (ha) | Production (Commodity-wise) | Cost of production in Rs. (Component-wise) | Value realized in Rs. (Commodity-wise) | No. of farmer adopted practicing IFS | % Change in adoption during the year |
|  |  |  |  |  |  |  |  |

1. Technologies for Doubling Farmers' Income

| **Sl. No.** | **Name of the Technology** | **Brief Details of Technology (3- 5 bullet points)** | **Net Return to the farmer (Rs.) per annum due to the technology** | **No. of farmers adopted the technology in the district** | **One high resolution ‘Photo’ in ‘jpg’ format for each technology** |
| --- | --- | --- | --- | --- | --- |
| 1 | **Participatory seed production through seed villages** | * Training on seed production techniques were organized. * Four seed villages were established during 2012-13. * Presently 53 seed villages are producing certified seed of rice, pigeon pea and mustard in about 1000 ha. | 40,000/- to 50,000/- | 800-900 farmers |  |
| 2 | **Turmeric cultivation on hills** | * Improved variety of turmeric (Rajendra Sonia) was introduced under FLD programmes. * Presently rainfed turmeric is being cultivated in about 100 ha in hilly area of the district | 1,50,000/- to 1,75,000/- | 100-150 farmers |  |
| 3 | **Mushroom cultivation** | * Farm women were trained on production of Oyster mushroom. * 60 groups of tribal farm women are engaged in production of mushroom. * In case of excess production, they also prepare mushroom pickles and sell | 50,000/- to 60,000/- per women per 500 bag | 500 - 600 farm women |  |
| 4 | **Bee**-**Keeping** | * Use of five combs per frame instead of three in Italian bee keeping * Processing of honey at farmer’s end. | 60,000/- to 70,000/- per 5 boxes | 100 - 120 farmers |  |

1. Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

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| --- | --- | --- | --- | --- | --- |
|  | Database prepared/ covered for | | KVK level Committee | | Various activity conducted for farmers |
| Phase | Total no. of villages | Total no. of farmers | Date of formation | Name of members |
| I (up-to 15.03.2018) | - | - | 24/03/2018 | 5 | - |
| II (up-to 24.04.218) | - | - |  |
| Total |  |  |  |

19. Any other programme organized by KVK, not covered above **N/A**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.  No. | Name of the programme | Date of the programme | Venue | Purpose | No. of participants |
|  |  |  |  |  |  |

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