**19. Annual Action Plan 2018 -19**

1. Name of the KVK : Krishi Vigyan Kendra, Bhagwanpur Hat, Siwan -841408
2. Name of host organization : Dr.Rajendra Prasad Central Agricultural University,, Pusa,

(Samastipur) – 848 125

1. Training programme to be organized (April 2018 to March 2019)

**Plant Breeding 2018-2019**

1. **Farmers and farm women. Month: April-June 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Seed Production Technique | * Seed production technique in kharif rice. * Important varieties of paddy & their role in crop production. * Important varieties of summer vegetable & their role in vegetable production. * Green manuring by dhaicha, moong. | 3  2  2  2 | 3  3  3  3 | 2  2  2  2 | 20  15  15  12 | 5  10  10  13 | 23  18  18  15 | 07  12  12  15 | 30  30  30  30 | 2  1  1  2 | 30  30  30  30 |
| **Total** |  | **09** | **12** | **08** | **60** | **38** | **74** | **46** | **120** | **06** | **120** |

**Farmers and farm women. Month: July- September- 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Seed Production Technique | * Important varieties of summer moong & their role in crop production. * Seed production technique in maize. * Seed production technique in red gram. * Seed production technique in vegetable seed. * Seed production technique in Kharif maize. | 2  3  2  3  2 | 2  4  2  2  3 | 2  4  3  3  2 | 15  17  15  13  15 | 10  5  10  12  10 | 17  21  17  15  18 | 13  09  13  15  12 | 30  30  30  30  30 | 1  2  1  2  1 | 30  30  30  30  30 |
| **Total** |  | **12** | **13** | **15** | **75** | **47** | **88** | **62** | **150** | **07** | **150** |

**Farmers and farm women. Month: October-December- 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Seed  Seed Production Technique | * Seed production technique in oilseeds * Seed production technique in pulses. * Seed production technique in summer vegetable. * Seed production in potato. | 2  2  2  2 | 3  3  3  3 | 2  2  2  2 | 15  15  15  15 | 10  10  10  10 | 18  18  18  18 | 12  12  12  12 | 30  30  30  30 | 1  1  1  1 | 30  30  30  30 |
| **Total** |  | **08** | **12** | **08** | **60** | **40** | **72** | **48** | **120** | **04** | **120** |

**Farmers and farm women. Month: Jan.- March- 19**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Seed Production Technique  Vermi- culture | Seed production technique in wheat.  Vermicompost and vermiwash production. | 2  2 | 3  3 | 2  2 | 15  15 | 10  10 | 18  18 | 12  12 | 30  30 | 2  2 | 30  30 |
| Total |  | **04** | **06** | **04** | **30** | **20** | **36** | **24** | **60** | **04** | **60** |

**Rural youths Month: April-June 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Seed Production Technique  Mushroom Production | * Seed production technique in Kharif rice. * Mushroom cultivation and spawn production | 2  2 | 3  3 | 2  2 | 15  15 | 10  10 | 18  18 | 12  12 | 30  30 | 1  1 | 30  30 |
| **Total** | | **04** | **06** | **04** | **30** | **20** | **36** | **24** | **60** | **02** | **60** |

**Rural youths**

**Month: July-September- 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Seed Production Technique | * Seed production technique in maize. * Seed production technique in Arhar. | 2  2 | 3  3 | 2  2 | 15  15 | 10  10 | 18  18 | 12  12 | 30  30 | 1  2 | 30  30 |
| **Total** | | **04** | **06** | **04** | **30** | **20** | **36** | **24** | **60** | **03** | **60** |

**Rural youths**

**Month: Oct. – Dec.- 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Quality seed production.  Vermi- culture | * Seed production technique in lentil.   Vermicompost and vermiwash production | 2  2 | 3  3 | 2  2 | 15  15 | 10  10 | 18  18 | 12  12 | 30  30 | 1  2 | 30  30 |
| **Total** | | **04** | **06** | **04** | **30** | **20** | **36** | **24** | **60** | **03** | **60** |

**Rural youths Month: Jan. -March- 19**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Quality seed production | Seed production technique in summer vegetables | 2 | 3 | 2 | 15 | 10 | 18 | 12 | 30 | 1 | 30 |
| **Total** | | 2 | 3 | 2 | 15 | 10 | 18 | 12 | 30 | 1 | 30 |

**Extension functionaries**

**Month: April- June- 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Seed Production Technique | * Seed production technique in paddy. | 2 | 3 | 2 | 15 | 10 | 18 | 12 | 30 | 1 | 30 |
| **Total** | | 2 | 3 | 2 | 15 | 10 | 18 | 12 | 30 | 1 | 30 |

**Extension functionaries Month: July-September- 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Seed Production Technique | * Seed production technique in maize. | 2 | 3 | 2 | 15 | 10 | 18 | 12 | 30 | 1 | 30 |
| **Total** | | 2 | 3 | 2 | 15 | 10 | 18 | 12 | 30 | 1 | 30 |

**Extension functionaries Month: Oct. – Dec.- 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Seed Production Technique | * Seed production technique in oilseeds and pulses. | 2 | 3 | 2 | 15 | 10 | 18 | 12 | 30 | 1 | 30 |
| **Total** | | 2 | 3 | 2 | 15 | 10 | 18 | 12 | 30 | 1 | 30 |

**Extension functionaries Month: Jan.- March- 19**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Bio -Fertilizer Production | * Bio fertilizer production and use in pulses, sugarcane, cereals and vegetable crops. | 2 | 3 | 2 | 15 | 10 | 18 | 12 | 30 | 1 | 30 |
| **Total** | | 2 | 3 | 2 | 15 | 10 | 18 | 12 | 30 | 1 | 30 |

**Consolidated Action Plan (2018-2019) for Plant Breeding**

**Plant Breeding**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area** | **No of Courses** | **No of Participants** | | | | | | |
| **SC** | | | **Others** | | | **Grand Total** |
| **M** | **F** | **Total** | **M** | **F** | **Total** |
| Seed Production Technique | 29 | 67 | 49 | 116 | 332 | 212 | 544 | 660 |
| * Mushroom production | 01 | 03 | 02 | 05 | 15 | 10 | 25 | 30 |
| * Bio Fertilizer Production | 01 | 03 | 02 | 05 | 15 | 10 | 25 | 30 |
| * Vermi- culture | 03 | 06 | 04 | 10 | 30 | 20 | 50 | 60 |
| **Total** | **34** | **79** | **57** | **136** | **392** | **252** | **644** | **780** |

**Horticulture 2018-19**

**A) Farmers and farm women**

**Month: April-June 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Cultivation of vegetable | * Cultivation of elephant foot yam | 1 | 4 | 2 | 19 | 3 | 23 | 5 | 28 | 1 | 28 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Lay out and management of orchards(fruits) | * Lay out for establishing new orchard | 2 | 4 | 2 | 20 | 3 | 24 | 5 | 29 | 1 | 29 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cultivation of vegetable crops | * Cultivation of rainy season vegetables | 5 | 5 | 2 | 20 | 3 | 25 | 5 | 30 | 1 | 30 |
| Layout and management of orchard | * Filling of pits for fruit plantation | 1 | 5 | 2 | 20 | 3 | 25 | 5 | 30 | 1 | 30 |

**Month: July-Sept. 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Layout and management of orchard | * Plantation of fruits plants in prepared pits &their management | 1 | 4 | 2 | 17 | 3 | 21 | 5 | 26 | 1 | 26 |
| * Different method of propagation | 6 | 4 | 2 | 19 | 3 | 23 | 5 | 28 | 1 | 28 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cultivation of vegetable crops | * Production technology of early cauliflower | 1 | 3 | 2 | 16 | 3 | 19 | 5 | 24 | 1 | 24 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cultivation of vegetable | * Cultivation of tomato | 1 | 5 | 2 | 20 | 3 | 25 | 5 | 30 | 1 | 30 |

**Month:OCT.-DEC. 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cultivation of vegetable | * Cultivation of vegetable pea | 1 | 5 | 2 | 20 | 3 | 25 | 5 | 30 | 1 | 30 |
| Cultivation of fruits | Cultivation of potato | 2 | 5 | 2 | 20 | 3 | 25 | 5 | 30 | 1 | 30 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cultivation of vegetable | * Cultivation of onion * Cultivation of garlic | 4 | 10 | 2 | 40 | 3 | 50 | 5 | 55 | 1 | 55 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cultivation of vegetable | * Measures of overcome frost damage | 2 | 5 | 2 | 20 | 3 | 25 | 5 | 30 | 1 | 30 |

**Month: Jan. – March 19**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cultivation of vegetable | * Measures of overcome frost damage | 2 | 5 | 2 | 20 | 3 | 25 | 5 | 30 | 1 | 30 |
| * Cultivation of watermelon &muskmelon | 2 | 5 | 2 | 20 | 3 | 25 | 5 | 30 | 1 | 30 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cultivation of fruits | * Measures of cucurbitaceous veg. | 5 | 5 | 2 | 20 | 3 | 25 | 5 | 30 | 1 | 30 |
| * Management of flowers in fruits plants | 2 | 5 | 2 | 20 | 3 | 25 | 5 | 30 | 1 | 30 |
| Plant propagation  techniques | * Different method of propagation | 7 | 5 | 2 | 20 | 3 | 25 | 5 | 30 | 1 | 30 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cultivation of fruits | * Management of flowers /fruits in fruit plan | 1 | 5 | 2 | 20 | 3 | 25 | 5 | 30 | 1 | 30 |
| Plant propagationtechniques | * Different method of propagation | 5 | 5 | 2 | 20 | 3 | 25 | 5 | 30 | 1 | 30 |
| **Total** | | **51** | **94** | **38** | **391** | **57** | **485** | **95** | **580** | **19** | **580** |

**B) Rural youth**

**Month: April –june 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| INM | * Integrated nutrient management | 5 | 5 | 2 | 17 | 4 | 22 | 6 | 28 | 1 | 28 |
| Nursery management of horticulture crops | * Nursery management of chilli, cauliflower, etc. | 5 | 5 | 2 | 15 | 4 | 20 | 6 | 26 | 1 | 26 |
| **Month: July- Sept. 18** | | | | | | | | | | | |
| Planting material production | * Propagation methods of different fruit crops | 5 | 5 | 2 | 18 | 4 | 23 | 6 | 29 | 1 | 29 |
| Planting material production | * Nursery management of fruits crops, mango, guava, litchi, lime etc | 5 | 4 | 2 | 17 | 4 | 21 | 6 | 27 | 1 | 27 |
| **Month: Oct.-Dec.18** | | | | | | | | | | | |
| Nursery management of horticulture crops | * Nursery management of tomato, onion etc. | 5 | 5 | 2 | 15 | 4 | 20 | 6 | 26 | 1 | 26 |
| * Protected cultivation of vegetable | * Protected cultivation of vegetable | 2 | 6 | 2 | 15 | 4 | 21 | 6 | 27 | 1 | 27 |
| **Month: Jan- March 19** | | | | | | | | | | | |
| Planting material production | * Propagation methods of different fruit crops | 5 | 5 | 2 | 18 | 4 | 23 | 6 | 29 | 1 | 29 |
| * Protected cultivation of vegetable | * Protected cultivation of vegetable | 2 | 6 | 2 | 15 | 4 | 21 | 6 | 27 | 1 | 27 |
| **Total** | | **34** | **41** | **16** | **130** | **32** | **171** | **48** | **219** | **8** | **219** |

**C) Extension functionaries**

**Month: April- June 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Protected cultivation technology | * Cultivation of off season vegetables | 2 | 2 | 2 | 18 | 1 | 20 | 3 | 23 | 1 | 23 |
| Integrated nutrient management | Integrated nutrient management | 2 | 4 | 4 | 18 | 1 | 22 | 5 | 27 | 1 | 27 |
| **Month: July-Sept.18** | | | | | | | | | | | |
| Integrated nutrient management | Integrated nutrient management | 2 | 4 | 4 | 18 | 1 | 22 | 5 | 27 | 1 | 27 |
| Productivity enhancement in field | Productivity enhancement in vegetable | 2 | 3 | 3 | 16 | 1 | 19 | 4 | 23 | 1 | 23 |
| **Month: Oct..- Dec.18** | | | | | | | | | | | |
| Rejuvenation of old orchard | * Rejuvenation of old mango orchard | 2 | 3 | 3 | 16 | 1 | 19 | 4 | 23 | 1 | 23 |
|  | * Rejuvenation of old litchi orchard | 2 | 4 | 4 | 17 | 1 | 21 | 5 | 26 | 1 | 26 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **Month: Jan-March 19** | | | | | | | | | | | |
| Protected cultivation technology | Protected cultivation technology | 2 | 2 | 2 | 19 | 1 | 21 | 3 | 24 | 1 | 24 |
| Productivity enhancement in field | Productivity enhancement in vegetable | 2 | 3 | 3 | 16 | 1 | 19 | 4 | 23 | 1 | 23 |
| **Total** | | **16** | **25** | **25** | **138** | **8** | **163** | **33** | **196** | **8** | **196** |

**Consolidated Action Plan of Horticulture (2018-19)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Clientele** | **No of Courses** | **No of Participants** | | | | | | |
| **SC** | | | **Others** | | | **Grand Total** |
| **M** | **F** | **Total** | **M** | **F** | **Total** |
| * PF | 19 | 94 | 38 | 132 | 391 | 57 | 448 | 580 |
| * RY | 8 | 41 | 16 | 57 | 130 | 32 | 162 | 219 |
| * EF | 8 | 25 | 25 | 50 | 138 | 8 | 146 | 196 |
| **Total** | **35** | **160** | **79** | **239** | **659** | **97** | **756** | **995** |

**ACTION PLAN 2017-18 (Plant Protection)**

**Farmers and farm women. Month: April-June -18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| * IPM * IDM * IPM | * Role of Bio-pesticides in summer vegetable. * IPM in vegetable. * Popularizing integrated disease management of summer green gram. * Importance of integrated pest management in sugarcane, * IPM in Paddy nursery | 2  2  2  2 | 5  3  5  5 | 2  2  2  2 | 20  20  20  20 | 3  5  3  3 | 25  23  25  25 | 05  07  05  05 | 30  30  30  30 | 1  1  1  1 | 30  30  30  30 |
| **Total** |  | **08** | **18** | **08** | **80** | **14** | **98** | **22** | **120** | **04** | **120** |

**Farmers and farm women. Month: July-September 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| * IPM * IPM * Bee Keeping | * Importance of IDM in Kharif pulses and oil seeds. * Introduction of IPM in Kharif crop. * Scopes and benefits of bee keeping. | 2  2  2 | 3  3  3 | 2  2  2 | 20  20  20 | 5  5  5 | 23  23  23 | 07  07  07 | 30  30  30 | 1  1  1 | 30  30  30 |
| **Total** |  | **06** | **09** | **06** | **60** | **15** | **69** | **21** | **90** | **03** | **120** |

**Farmers and farm women. Month: Oct.-Dec. 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| * IPM * IDM * Bio-pesticides | * Importance of IPM in sugarcane and vegetables. * Role of IDM in wheat cultivation. * Production of *Trichoderma viridae* at farmers field. * Use of *Trichoderma Viridae* in vegetable production. | 2  2  2 | 3  3  3 | 2  2  2 | 20  20  20 | 5  5  5 | 23  23  23 | 07  07  07 | 30  30  30 | 1  1  1 | 30  30  30 |
| **Total** |  | **06** | **09** | **06** | **60** | **15** | **69** | **21** | **90** | **03** | **90** |

**Farmers and farm women. Month: Jan.-March 19**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| * IDM * IPM * INM | * IDM in pulses and oilseeds. * Importance of IPM in red gram and fruits plants. * Importance of Bio- fertilizers (Rhizobium) PSB. in zaid pulses. | 2  2  2 | 3  3  3 | 2  2  2 | 20  20  20 | 5  5  5 | 23  23  23 | 07  07  07 | 30  30  30 | 1  1  1 | 30  30  30 |
|  |  | **06** | **09** | **06** | **60** | **15** | **69** | **21** | **90** | **03** | **90** |

**Rural youths Month: April-June 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| * Apiary * IPM * IPM | Management of honey bee in summer   * IPM of fruit fly in mango.   Grain storage. | 2  2  2 | 3  3  3 | 2  2  2 | 20  20  20 | 5  5  5 | 23  23  23 | 07  07  07 | 30  30  30 | 1  1  1 | 30  30  30 |
| **Total** | | **06** | **09** | **06** | **60** | **15** | **69** | **21** | **90** | **03** | **90** |

**Rural youths Month: July-September 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| * Bio pesticides * Apiary * Mushroom. | * Importance of Bio- Pesticides. * Scope and benefit Apiary | 2  2  2 | 3  3  3 | 2  2  10 | 20  20  2 | 5  5  15 | 23  23  05 | 07  07  25 | 30  30  30 | 1  1  1 | 30  30  30 |
| **Total** | | **06** | **9** | **14** | **42** | **25** | **31** | **39** | **90** | **03** | **90** |

**Rural youths Month: Oct. – Dec. 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| * Apiary * Mushroom cultivation | * Scope and benefit of Apiary. * Mushroom and spawn production technique | 2  2 | 3  3 | 2  2 | 20  20 | 5  5 | 23  23 | 07  07 | 30  30 | 1  1 | 30  30 |
| **Total** | | **04** | **06** | **04** | **40** | **10** | **46** | **14** | **60** | **02** | **60** |

**Rural youths Month: Jan.- March 19**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| * Apiary * Mushroom cultivation | * Diseases of honey bee and their control. * Spawn production technique | 2  2 | 3  3 | 2  2 | 20  20 | 5  5 | 23  23 | 07  07 | 30  30 | 1  1 | 30  30 |
| **Total** | | **04** | **06** | **04** | **40** | **10** | **46** | **14** | **60** | **02** | **60** |

**Extension functionaries Month: April-June 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| * IPM | * IPM in fruit plants | 1 | 3 | 2 | 20 | 5 | 23 | 07 | 30 | 1 | 30 |
| * Bio -Pesticides | * Preparation of neem based pesticides | 1 | 3 | 2 | 20 | 5 | 23 | 07 | 30 | 1 | 30 |
| IPM | * Grain storage | 1 | 3 | 2 | 20 | 5 | 23 | 07 | 30 | 1 | 30 |
| **Total** | | **03** | **9** | **6** | **60** | **15** | **69** | **21** | **90** | **03** | **90** |

**Extension functionaries Month: July-September 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| * IDM | * Production and use of Bio- pesticide *Trichoderma viridae* in Kharif crop. | 1 | 3 | 2 | 20 | 5 | 23 | 07 | 30 | 1 | 30 |
| **Total** | | **1** | **3** | **2** | **20** | **5** | **23** | **07** | **30** | **1** | **30** |

**Extension functionaries Month: Oct.- Dec. 18**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| * IPM | * IPM in pulses and oil seeds. | 1 | 3 | 2 | 20 | 5 | 23 | 07 | 30 | 1 | 30 |
| * Mushroom | * Button mushroom production technique. | 1 | 3 | 2 | 20 | 5 | 23 | 07 | 30 | 1 | 30 |
| **Total** | | **2** | **6** | **4** | **40** | **10** | **46** | **14** | **60** | **02** | **60** |

**Extension functionaries Month: Jan.-March 19**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Grand total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| * IPM | * Importance of neem based pesticides for vegetable | 1 | 3 | 2 | 20 | 5 | 23 | 07 | 30 | 1 | 30 |
| * M**ushroom** | * Mushroom production technique | 1 | 3 | 2 | 20 | 5 | 23 | 07 | 30 | 1 | 30 |
| **Total** | | **2** | **3** | **4** | **40** | **10** | **46** | **14** | **60** | **2** | **60** |

**Consolidated Plant Protection Action Plan** (**2018-19)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area** | **No of Courses** | **No of Participants** | | | | | | |
| **SC** | | | **Others** | | | **Grand Total** |
| **M** | **F** | **Total** | **M** | **F** | **Total** |
| * Integrated pest Management | 12 | 36 | 24 | 60 | 240 | 59 | 299 | 359 |
| * Integrated disease Management. | 05 | 15 | 10 | 25 | 100 | 25 | 125 | 150 |
| * Bio-control of pest and disease. | 03 | 9 | 6 | 15 | 60 | 15 | 75 | 90 |
| * Grain storage | 02 | 6 | 4 | 10 | 30 | 10 | 40 | 50 |
| * Other’s (Apiary and Mushroom production) | 08 | 24 | 24 | 48 | 142 | 50 | 192 | 240 |
| **Total** | **30** | **90** | **68** | **158** | **572** | **159** | **731** | **889** |

**Vocational**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Thematic Area\*** | **Title** | **Duration** | **No. of participants** | | | | | | | **No. of Course** | **Total No. of trainees** |
| On/Off | **SC** | | **Other** | | **Total** | | **Gross total** |
| **M** | **F** | **M** | **F** | **M** | **F** |  |
| Mushroom production | Mushroom and production | on | 05 | 05 | 10 | 10 | 15 | 15 | 30 | 04 | 120 |
| Employment generation | Bee keeping | on | 05 | 05 | 10 | 10 | 15 | 15 | 30 | 02 | 60 |
| IPM/IDM | IPM/IDM in oilseeds & Pulses | On/off | 05 | 05 | 10 | 10 | 15 | 15 | 30 | 04 | 120 |
| Post harvest | Safe grain storage | on | 08 | 02 | 10 | 05 | 18 | 07 | 25 | 02 | 50 |
| Organic farming | Production of vermi-compost and vermi wash | on | 08 | 02 | 10 | 05 | 18 | 07 | 25 | 01 | 25 |
| Organic farming | Production of Azolla | on | 05 | - | 15 | 05 | 20 | 05 | 25 | 01 | 25 |
| Value addition | Drying of fruits and vegetables and its uses | on | 02 | 08 | 02 | 13 | 04 | 21 | 25 | 01 | 25 |
|  | Preserved products from fruits and vegetables | on | 02 | 08 | 02 | 13 | 04 | 21 | 25 | 01 | 25 |
| Plant Propagation techniques | Different propagation methods | On | 04 | 02 | 22 | 02 | 26 | 04 | 30 | 04 | 120 |
| **Total** | |  | **39** | **32** | **81** | **63** | **120** | **65** | **215** | **16** | **450** |

1. **Frontline demonstration**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Season** | **Crop/Enterprise** | **Variety / Input** | **No. of demonstration** | **No. of area (ha)** |
| Summer 18 | Mango/ Litchi | Planofix | 100 | - |
| Kharif | Paddy | HYV | 25 | 10 |
| Kharif | Maize | Fipronil 0.3GR | 25 | 10 |
| Kharif | Cucurbitaceous | Hybrid | 25 | 5 |
| Kharif | Red gram | Bahar/NDA-1 | 10 | 05 |
| Kharif | Turmeric | Rajendra Sonali | 25 | 05 |
| Kharif | Rainy season vegetable | ZnSO4 | 25 | 10 |
| Rabi | Rai | R. Suflam | 20 | 05 |
| Rabi | Lentil | KLS-78/HUL-57 | 25 | 05 |
| Rabi | Coriander | R- Dhaniya- 2 | 10 | 02 |
| Summer-19 | Elephant foot yam | Gajendra | 25 | 05 |
| Summer-19 | Green gram | SML-668/ Pusa vishal | 10 | 05 |
| Thiomethoxam 25WG | 10 | 05 |

1. **Other Frontline demonstration**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of technology assessed & demonstrated** | **Season** | **Input** | **No. of demonstration** | **No. of farmers/farm women** |
| **Mushroom production** | Rabi | Spawn | 20 | 20 |
|  |  |  |  |  |

1. **Seed and planting material production**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Seed** | | | **Planting material** | | | |
| **Crop** | **Area(ha.)** | **No.** | **Crop** | | **Area** | **No.** |
| Paddy  Red gram | 05  02 |  | Litchi |  | | 3000 |
| Guava | |  | 500 |
|  | |  |  |
| Wheat | 05 |  |  | |  |  |
| Lentil | 03 |  |
|  |  |  |  | |  |  |

1. **Extension Activities**

|  |  |  |
| --- | --- | --- |
| **Activities** | **No.** | **Participants** |
| Field day | 05 | 261 |
| Kisan Mela | 03 | 1237 |
| Kisan Gosthi | 05 | 598 |
| Exhibition | 03 | 336 |
| Farmers Seminar | - | - |
| News paper coverage | 36 | - |
| Radio talk | - | - |
| T.V. talk | - | - |
| Popular articles | 04 | - |
| Extension literature | 02 | - |
| Scientist visit to farmers field | 854 | 854 |
| Farmers visit to K.V.K. | 5217 | 5217 |
| Soil health camp | 02 | 721 |
| Animal health camp | 02 | 74 |
| Plant health clinic |  | - |
| Technological week | 01 | 521 |
| **Total -** | **6164** | **9819** |

1. **Revolving Fund**

|  |  |  |
| --- | --- | --- |
| **Open balance**  **(2018-19)** | **Amount to be invested** | **Return** |
| 11,52,185.00 | - | - |

1. **Expected fund utilization**

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

1. **On-farm trials to be conducted**

|  |  |  |  |
| --- | --- | --- | --- |
| **Thematic area** | **Title** | **Treatments** | **No. of farmers** |
| IPM    IPM        Plant Breeding  Plant Breeding  Horticulture  Horticulture | Management of paddy stem borer  Management of Okra shoot and fruit borer  Elimination of grainlessness in rabi maize through manipulation date of sowing  Effect of different date of sowing of wheat on yield  Effect of different planting systems on yield of Banana.  Effect of bio regulators on yield of coriander | **Farmers practice –** Monocrotofos 36SL@500ml/ha  **T.O.I –** Chlorantranilipraole 18.35SC@150ml/ha  **T.O.II** – Flubendiamide 39.35SC@60ml/ha  **T.O.III –**Thiocloprid 21.7SC@500ml/ha  **Farmers practice** – Chlorpyriphos [20EC@1.5ml/lt](mailto:20EC@1.5ml/lt) of water  **T.O.I –** Niminibicidine [0.5%@4.0ml/lt](mailto:0.5%25@4.0ml/lt) of water followed by Cartap hydrochloride [50SP@1.0g/lt](mailto:50SP@1.0g/lt) of water at 15 days interval  **T.O.II** – Removal of infested shoot and fruit followed by Spinosad 45SC @ 0.5ml /lt of water at 15 days interval  **T.O.III** – Removal of infested shoot and fruit followed by Enamectin benzoate 5.0SC @ 0.25ml /lt of water at 15 days interval    **F.P –** 15th Nov.  **T.O.I –** 20th Oct.  **T.O.II**- 25th Oct.  **T.O.III**- 7th Dec.  **F.P -** 15th Nov.  **T.O.I** – 25th Oct.  **T.O.II**- 1st Nov.  **T.O.III**- 8th Nov.  **F.P –** Convention system.(1.8mx1.8m)  **T.O.I –** Paired row system(1.5mx1.5mx2.0 m)  **T.O.II**- Three suckers/hill (1.8mx3.0 m)  **F.P –** Spray of Water at 40 and 70 DAS  **T.O.I** – Spray of NAA@ 50ppm at 40 and 70 DAS  **T.O.II -** Spray of Thio urea @ 1000ppm at 40 and 70 DAS  **T.O.III** -Spray of Tricontanol@1000ppm at 40 and 70 DAS | 10  10  10  10  10  10 |

1. **No. of success stories to be developed-05**
2. **Scientific Advisory Committee**

|  |  |
| --- | --- |
| **Date of SAC meeting held during 2017-18** | **Proposed date** |
| 21.06.2017 | 20.06.2018 |

1. **Soil and water testing**

|  |  |
| --- | --- |
|  | **No. of samples to be Analysed** |
| Soil | 500 |
| Plant | **-** |
| Manure | **-** |

1. **Present staff position** -

|  |  |  |
| --- | --- | --- |
| **Sanctioned** | **In position** | **If vacant, since when** |
| Programme Coordinator (I/C) | Dr. R. K. Mandal |  |
| SMS (Horticulture) | Dr. Barun |  |
| SMS (Plant Protection) | Dr. S. K. Mandal |  |
| SMS (Agronomy) | Vacant | 07.10.2014 |
| SMS (Animal Science) | Vacant | 27-06-2012 |
| SMS (Soil Science) | Vacant | 27-09-2012 |
| Programme Assistant | Shri Abhishek Kumar |  |
| Stenographer | Shri Harsh Kumar |  |
| Prog. Asstt. (Computer) | Vacant | Not appointed |
| Farm Manager | Shri Shubhankar Gupta |  |
| Computer Operator | Sr. O.P. Singh |  |
| Driver | Sri S.K. Bhagat |  |
| Driver | Sri Raju Prasad Gupta |  |
| Supporting Staff | Sri Rajeshwar Singh |  |
| Supporting Staff | Md. Shamim |  |

1. **Status of infrastructure**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Infrastructure** | **Complete** | **Under construction** | **Not started** | **Reasons, if not started** |
| **Administrative building** | **Yes** | **-** | **-** | **-** |
| **Trainees’ hostel** | **Yes** | **-** | **-** | **-** |
| **Staff quarter** | **Yes** |  |  |  |
| **Demonstrations: i)** Vermi compost  **ii)** Mushroom unit  **iii)** Azolla unit  (iv) Nursery | **Yes** | **-** | **-** |  |