[](https://www.google.co.in/url?url=http://link-jobs.com/career-sarkari-naukri-indian-council-of-agricultural-research-icar/&rct=j&sa=U&ei=3QrtUtW5C8OSrge61oHIBg&ved=0CDQQ9QEwAw&sig2=JbWTD1pdV09I_W8FwKH7cw&q=logo+of+icar,+new+delhi&usg=AFQjCNE_m4WhnsAUbpy1cJoqjdLz1xrg1A) 

**ANNUAL ACTION PLAN**

**(2018-2019)**

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| **Krishi Vigyan Kendra, Sujani**  **Deoghar, Jharkhand** |

**ANNUAL ACTION PLAN (2018 – 2019)**

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| **Sl. No.** | **Contents** | **Page No.** |
| **1.** | General Information about the KVK | 3 |
| **2.** | Mandate and functions of KVK | 4 |
| **3.** | Thrust area and Action Points | 5 |
| **4.** | Summary of Training Programme (2017-18) | 7 |
|  | 1. Farmers and Farm Women | 8-21 |
|  | 1. Rural Youth | 22-24 |
|  | 1. Extension Personnel | 25-26 |
| **5.** | Front Line Demonstration on oilseeds |  |
|  | 1. Groundnut | 27 |
|  | 1. Toria | 28 |
|  | 1. Sesamum | 29 |
| **6.** | Front Line Demonstration on Pulses |  |
|  | 1. Pigeon Pea | 30 |
|  | 1. Chick Pea | 31 |
|  | 1. Green Gram | 32 |
| **7.** | On Farm Trial |  |
|  | 1. Paddy | 33 |
|  | 1. Pigeon Pea | 34 |
|  | 1. Mushroom | 35 |
|  | 1. Buck | 36 |
|  | 1. Poultry | 37 |
|  | 1. Backyard Composting | 38 |
| **8.** | Extension Activities | 39 |

**KRISHI VIGYAN KENDRA, DEOGHAR (JHARKHAND)**

1. GENERAL INFORMATION ABOUT THE KVK

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

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Telephone | | E mail |
| Office | FAX |
| Krishi Vigyan Kendra, Sujani P.O.-Ghorlash, Distt.-Deoghar  PIN-814152 (Jharkhand) | 09430320305 | 06432-232967 | [kvkdeoghar@gmail.com](mailto:kvkdeoghar@gmail.com)  kvkdoghar@yahoo.co.in |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Telephone / Contact | | |
| Residence | Mobile | Email |
| Sri P.K.Sannigrahi | 07779997459 | 09430320305 | [pksannigrahi@gmail.com](mailto:pksannigrahi@gmail.com)  psannigrahi@ymail.com |

3. Name of District and State Hqrs. : Deoghar, Jharkhand

4. Year of sanction : F. No. 8 (4)/82 KVK dt. 1985

(Reference of Sanction Order)

5. Date of Establishment : 21.02.1985

6. Deputy Commissioner, Deoghar

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Telephone | | E mail |
| Office | FAX |
| Deputy Commissioner, Deoghar- 814112 (Jharkhand) | 06432-232680 | 06432-232967 | dcdeoghar@gmail.com |

# 7. Mandate and functions of KVK/TTC

# INTRODUCTION

Krishi Vigyan Kendra, Sujani, Deoghar was established in the year 1985 which is situated 15 kms away from Deoghar District Head Quarter and 7 Kms away from Jasidih Railway Station on Paglababa - Koridih Road.

**CONCEPT**

The Krishi Vigyan Kendra is a grass – root level institution designed and devoted to impart need based skill – oriented short and long – term vocational training courses to the farmers/farm women. The concepts of the Krishi Vigyan Kendra are as follows:

1. The Kendra will impart learning through work experience and hence will be concerned with technical literacy, the acquisition of which does not necessarily require as a precondition for the ability to read and write.
2. The Kendra will impart training to those extension workers who are already employed or to practicing farmers. In other words the Kendra will cater to the needs of those who are already employed or those who wish to be self employed.
3. There will be no uniform syllabus for a Kendra. The syllabus and programme of each Kendra will be tailored according to the felt needs, natural resources and potential for agricultural growth in that particular area.

**MANDATE**

The Krishi Vigyan Kendra is an innovative Transfer of Technology Projects of the Indian Council of Agricultural Research which has been launched with the aim of reducing the time lag between the generation of technologies and their transfer to the farmers for increasing the productivity in agriculture and allied sectors. In order to achieve this aim KVK has following four mandates:-

1. Conducting “On farm testing” for identifying technologies in terms of location specific sustainable land use systems.
2. Organize training to update the extension personnel with emerging advances in agricultural research on regular basis.
3. Organize short and long term vocational training courses in agriculture and allied vocations for the farmers and rural youths with emphasis on “learning by doing” for higher production on farms and generating self-employment.
4. Organize front line demonstration on various crops to generate production data and feed back information.

**THRUST AREA IDENTIFIED**

After PRA group discussion, Bench mark survey and consolation with line departments thrust area are identify as follow:

* Low productivity levels of field crops require to be enhanced for more food availability to the resource – poor farmers.
* Subsidiary income generating average will strengthen farmer’s economy.
* Creation of water resources will increase cropping intensity, besides establishing crop productivity and income by raising high value crops/ vegetables

**ACTION POINTS**

* Low productivity of field crops can be increased through Training, Demonstration and On farm trial.
* Subsidiary income can be increased through Training and FLD on vegetables crops, Back yard poultry, up gradation of local breed and Mushroom cultivation.
* Creation of water resources can be done through collaboration with District Departments particularly on Watershed.

According to thrust area and action points after drawing problem cause diagram the Training Programme, Front Line Demonstration on oilseed and pulses. FLD other than oilseed and pulses and On farm trials were indentified and the Action Plan is prepared according

** **

** **

**Finalization of Annual Action plan (2018-19) in the SAC meeting under the Chairmanship of D C, Deoghar**

**Training Programme for the year (2018-19)**

**“ON” CAMPUS**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Category** | **No. of courses** | **Others** | | | **SC** | | | **ST** | | | **G. Total** |
| **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| **PF** | 65 | 510 | 179 | 689 | 285 | 174 | 459 | 256 | 202 | 458 | **1606** |
| **RY** | 20 | 131 | 55 | 186 | 83 | 61 | 144 | 105 | 76 | 181 | **511** |
| **EF** | 11 | 80 | 20 | 100 | 90 | 15 | 105 | 84 | 12 | 96 | **296** |

**“OFF” CAMPUS**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Category** | **No. of courses** | **Others** | | | **SC** | | | **ST** | | | **G. Total** |
| **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| **PF** | 52 | 497 | 157 | 654 | 304 | 123 | 427 | 227 | 162 | 389 | **1470** |
| **RY** | 4 | 48 | 9 | 57 | 18 | 15 | 33 | 15 | 19 | 34 | **124** |
| **EF** | 2 | 30 | 5 | 35 | 5 | 3 | 8 | 16 | 11 | 27 | **70** |

**Details of Training Programme (2018-19)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Disci-**  **pline/**  **Qrt/**  **Month** | **Thematic area** | | **Course Title** | **No. of course** | **Dura**  **tion/ Days** | **Total No. of trainee days** | **Venue On/**  **Off** | **Others** | | | **SC** | | | **ST** | | | **Grand total** |
|  |  | |  |  |  |  |  | M | W | T | M | W | T | M | W | T |  |
| **A Farmers and Farm Women** | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **I. CROP PRODUCTION** | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **IST QUARTER** | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| April 2018 | | Production of organic inputs | Preparation of vermicompost | 1 | 5 | 150 | OFF | 9 | 5 | 14 | 9 | 5 | 14 | 1 | 1 | 2 | 30 |
| May 2018 | | integrated Crop Management | Crop Management under draught condition | 1 | 2 | 50 | OFF | 10 | 8 | 18 | 5 | 2 | 7 | - | - | 0 | 25 |
| June 2018 | | Seed production | a. Seed rate & seed treatment.  b. Nursery seed preparation for raising seedlings of transplanted paddy for seed multiplication | 1 | 3 | 78 | OFF | 12 | 5 | 17 | 5 | 2 | 7 | 1 | 1 | 2 | 26 |
| June 2018 | | Nursery manage-ment | Seed treatment and Nursery bed preparation for raising seedlings of transplanting paddy | 1 | 3 | 84 | ON | 13 | 6 | 19 | 3 | 2 | 5 | 2 | 2 | 4 | 28 |
| June 2018 | | Integrated crop manage-ment | Variety, seed rate seed treatment & sowing of groundnut | 1 | 2 | 50 | ON | - | - | 0 | 10 | 9 | 19 | 4 | 2 | 4 | 25 |
| June 2018 | |  | Variety, seed rate, seed treatment and nursery bed preparation for raising of transplanting paddy under technique SRI, | 1 | 3 | 75 | ON | 5 | 1 | 6 | 6 | 2 | 8 | 6 | 5 | 11 | 25 |
|  | |  |  | **6** |  | **487** |  | **49** | **25** | **74** | **38** | **22** | **60** | **12** | **10** | **22** | **156** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **IIND QUARTER** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| July 2018 | | | | | | | | | Integrated Crop manage-ment | | | | | Transplanting of paddy seedlings at proper spacing and placement of appropriate dose of manure and fertilizer for SRI technique | | | | | | | 1 | | | | | | 5 | | | | | | 125 | | | | ON | | | | | | | 8 | | | | | | | | | | | 2 | | | | | | 10 | | | | | | | | | | | 10 | | | | | | | | 2 | | | | | | | | | 12 | | | | | | | | 2 | | | | | | | 1 | | | | | | | 3 | | | | | 25 | | | |
| July 2018 | | | | | | | | | Weed manage-ment | | | | | Weed management in paddy. | | | | | | | 1 | | | | | | 1 | | | | | | 25 | | | | OFF | | | | | | | 8 | | | | | | | | | | | 3 | | | | | | 11 | | | | | | | | | | | 5 | | | | | | | | 3 | | | | | | | | | 8 | | | | | | | | 5 | | | | | | | 1 | | | | | | | 6 | | | | | 25 | | | |
| Weed management in paddy under SRI technique | | | | | | | 1 | | | | | | 1 | | | | | | 27 | | | | OFF | | | | | | | 10 | | | | | | | | | | | 6 | | | | | | 16 | | | | | | | | | | | 4 | | | | | | | | 2 | | | | | | | | | 6 | | | | | | | | 2 | | | | | | | 3 | | | | | | | 5 | | | | | 27 | | | |
| July 2018 | | | | | | | | | Integrated pest management | | | | | Control of stem borer in maize by Pheromone trap (IPM) | | | | | | | 1 | | | | | | 2 | | | | | | 58 | | | | OFF | | | | | | | 7 | | | | | | | | | | | 5 | | | | | | 12 | | | | | | | | | | | 5 | | | | | | | | 3 | | | | | | | | | 8 | | | | | | | | 5 | | | | | | | 4 | | | | | | | 9 | | | | | 29 | | | |
| August 2018 | | | | | | | | | Disease & pest management | | | | | Control of pod borer in blackgram and green gram by spraying of insecticide | | | | | | | 1 | | | | | | 2 | | | | | | 56 | | | | OFF | | | | | | | 15 | | | | | | | | | | | 4 | | | | | | 19 | | | | | | | | | | | 4 | | | | | | | | 3 | | | | | | | | | 7 | | | | | | | | 2 | | | | | | | - | | | | | | | 2 | | | | | 28 | | | |
| August 2018 | | | | | | | | | Integrated crop management | | | | | Seed treatment & sowing of Niger in rows | | | | | | | 1 | | | | | | 2 | | | | | | 54 | | | | ON | | | | | | | 15 | | | | | | | | | | | 5 | | | | | | 20 | | | | | | | | | | | 1 | | | | | | | | 2 | | | | | | | | | 3 | | | | | | | | 3 | | | | | | | 1 | | | | | | | 4 | | | | | 27 | | | |
| Sept. 2018 | | | | | | | | |  | | | | | Application of Recommended fertilizer as basal dose in toria and Rai and sowing in rows | | | | | | | 1 | | | | | | 2 | | | | | | 50 | | | | ON | | | | | | | 10 | | | | | | | | | | | 2 | | | | | | 12 | | | | | | | | | | | 3 | | | | | | | | 2 | | | | | | | | | 5 | | | | | | | | 5 | | | | | | | 3 | | | | | | | 8 | | | | | 25 | | | |
|  | | | | | | | | |  | | | | |  | | | | | | | **6** | | | | | |  | | | | | | **395** | | | |  | | | | | | | **73** | | | | | | | | | | | **27** | | | | | | **100** | | | | | | | | | | | **32** | | | | | | | | **17** | | | | | | | | | **49** | | | | | | | | **24** | | | | | | | **13** | | | | | | | **37** | | | | | **186** | | | |
| **IIIRD QUARTER** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oct. 2018 | | | | | | | | | Integrated crop management | | | | | Inoculation of gram with Rhizobium culture required for gram seed | | | | | | | 1 | | | | | | 3 | | | | | | 75 | | | | ON | | | | | | | 8 | | | | | | | 2 | | | | | | | | | 10 | | | | | | | | | | 5 | | | | | | | | | | 2 | | | | | | | | | 7 | | | | | | | | 5 | | | | | | | 3 | | | | | | | 8 | | | | | 25 | | | |
| Oct 2018 | | | | | | | | | Seed Production | | | | | Variety, seed rate, seed treatment fertilizer dose and method of placement in mustard, & wheat under seed multiplication | | | | | | | 1 | | | | | | 2 | | | | | | 52 | | | | ON | | | | | | | 9 | | | | | | | 2 | | | | | | | | | 11 | | | | | | | | | | 10 | | | | | | | | | | 5 | | | | | | | | | 15 | | | | | | | | - | | | | | | | - | | | | | | | 0 | | | | | 26 | | | |
| Nov. 2018 | | | | | | | | |  | | | | | Application of recommended fertilizer dose in wheat and sowing in rows | | | | | | | 1 | | | | | | 3 | | | | | | 78 | | | | ON | | | | | | | 10 | | | | | | | 1 | | | | | | | | | 11 | | | | | | | | | | 5 | | | | | | | | | | 3 | | | | | | | | | 8 | | | | | | | | 7 | | | | | | | - | | | | | | | 7 | | | | | 26 | | | |
| Dec. 2018 | | | | | | | | | Integrated pest management | | | | | Control of aphids in toria and rai by spraying bio pesticide | | | | | | | 1 | | | | | | 3 | | | | | | 84 | | | | OFF | | | | | | | 8 | | | | | | | 4 | | | | | | | | | 12 | | | | | | | | | | 5 | | | | | | | | | | 3 | | | | | | | | | 8 | | | | | | | | 5 | | | | | | | 3 | | | | | | | 8 | | | | | 28 | | | |
|  | | | | | | | | |  | | | | |  | | | | | | | **4** | | | | | |  | | | | | | **289** | | | |  | | | | | | | **35** | | | | | | | **6** | | | | | | | | | **41** | | | | | | | | | | **25** | | | | | | | | | | **11** | | | | | | | | | **36** | | | | | | | | **15** | | | | | | | **6** | | | | | | | **21** | | | | | **98** | | | |
| **IVTH QUARTER** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jan 2019 | | | | | | | | | Integrated pest management | | | | | Control of gram pod borer. | | | | | | | 1 | | | | | | 2 | | | | | | 54 | | | | OFF | | | | | | | 7 | | | | | | | 3 | | | | | | | | | 10 | | | | | | | | | | 5 | | | | | | | | | | 3 | | | | | | | | | 8 | | | | | | | | 6 | | | | | | | 3 | | | | | | | 9 | | | | | 27 | | | |
| Feb. 2019 | | | | | | | | | Crop diversification | | | | | Varity, seed rate, seed treatment, fertilizer dose of cotton & sowing in rows | | | | | | | 1 | | | | | | 2 | | | | | | 54 | | | | OFF | | | | | | | 8 | | | | | | | 3 | | | | | | | | | 11 | | | | | | | | | | 7 | | | | | | | | | | 2 | | | | | | | | | 9 | | | | | | | | 5 | | | | | | | 2 | | | | | | | 7 | | | | | 27 | | | |
| Mar.  2019 | | | | | | | | | Production of organic inputs | | | | | Preparation of blue green algae | | | | | | | 1 | | | | | | 3 | | | | | | 58 | | | | ON | | | | | | | 10 | | | | | | | 5 | | | | | | | | | 15 | | | | | | | | | | 5 | | | | | | | | | | 2 | | | | | | | | | 7 | | | | | | | | 5 | | | | | | | 2 | | | | | | | 7 | | | | | 29 | | | |
|  | | | | | | | | |  | | | | |  | | | | | | | **4** | | | | | |  | | | | | | **166** | | | |  | | | | | | | **25** | | | | | | | **11** | | | | | | | | | 36 | | | | | | | | | | **17** | | | | | | | | | | **7** | | | | | | | | | 24 | | | | | | | | **16** | | | | | | | **7** | | | | | | | 23 | | | | | 83 | | | |
| **Disci-**  **pline/**  **Qrt/**  **Month** | | | | | | **Thematic area** | | | | | | | **Course Title** | | | | | **No. of course** | | | | | | **Dura**  **tion/ Days** | | | | **Total No. of trainee days** | | | | | | **Venue On/**  **Off** | | | | | | | **Others** | | | | | | | | | | | | | | | | | | | | | | | | | | | **SC** | | | | | | | | | | | | | | | | | | | | | | | | | | | | **ST** | | | | | | | | | | | | | | | | | | | | **Grand total** | | | |
|  | | | | | |  | | | | | | |  | | | | |  | | | | | |  | | | |  | | | | | |  | | | | | | | M | | | | | | | W | | | | | | | | | | T | | | | | | | | | | M | | | | | | | | | | W | | | | | | | | | | T | | | | | | | | M | | | | | | | | | W | | | | | | | T | | | |  | | | |
| **II. HORTICULTURE** | | | | | | | | | | | | |  | | | | |  | | | | | |  | | | |  | | | | | |  | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | | | | |  | | | | | | | | |  | | | | | | |  | | | |  | | | |
| **IST QUARTER** | | | | | | | | | | | | |  | | | | |  | | | | | |  | | | |  | | | | | |  | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | | | | |  | | | | | | | | |  | | | | | | |  | | | |  | | | |
| April 2018 | | | | | Layout & management of orchard | | | | | | | | Layout for establishing multi tier orchard including mango guava & papaya | | | | | 1 | | | | | | 4 | | | | 104 | | | | | | OFF | | | | | | | 6 | | | | | | | 4 | | | | | | | | | | 10 | | | | | | | | | | 4 | | | | | | | | | | 2 | | | | | | | | | | 6 | | | | | | | | 7 | | | | | | | | | 3 | | | | | | | 10 | | | | 26 | | | |
| May 2018 | | | | | Vegetable crops production of low volume and high volume crops | | | | | | | | Control of leaf curl disease in sweet pepper and chilli for increasing the production | | | | | 1 | | | | | | 1 | | | | 26 | | | | | | ON | | | | | | | 8 | | | | | | | 0 | | | | | | | | | | 8 | | | | | | | | | | 2 | | | | | | | | | | 5 | | | | | | | | | | 7 | | | | | | | | 9 | | | | | | | | | 2 | | | | | | | 11 | | | | 26 | | | |
| 1 | | | | | | 1 | | | | 30 | | | | | | OFF | | | | | | | 10 | | | | | | | 5 | | | | | | | | | | 15 | | | | | | | | | | 4 | | | | | | | | | | 2 | | | | | | | | | | 6 | | | | | | | | 5 | | | | | | | | | 4 | | | | | | | 9 | | | | 30 | | | |
| May 2018 | | | | Nursery raising | | | | | | | Nursery bed preparation for raising seedlings of rainy season tomato | | | | | 1 | | | | | | 3 | | | | 75 | | | | | | ON | | | | | | | 6 | | | | | | | 2 | | | | | | | | | | 8 | | | | | | | | | | 5 | | | | | | | | | | 2 | | | | | | | | | | 7 | | | | | | | | 7 | | | | | | | | | 3 | | | | | | | 9 | | | | 25 | | | |
| 1 | | | | | | 1 | | | | 30 | | | | | | OFF | | | | | | | 5 | | | | | | | 5 | | | | | | | | | | 10 | | | | | | | | | | 5 | | | | | | | | | | 5 | | | | | | | | | | 10 | | | | | | | | 5 | | | | | | | | | 5 | | | | | | | 10 | | | | 30 | | | |
| May 2018 | | | Layout & management of orchard | | | | | | | | Layout for establishing mango orchard with high density plantation | | | | | 1 | | | | | | 1 | | | | 25 | | | | | | OFF | | | | | | | 10 | | | | | | | 2 | | | | | | | | | | 12 | | | | | | | | | | 4 | | | | | | | | | | 2 | | | | | | | | | | 6 | | | | | | | | 4 | | | | | | | | | 3 | | | | | | | 7 | | | | 25 | | | |
| May 2018 | | | | Micro irrigation system of orchard | | | | | | | Drip irrigation system in papaya orchard | | | | | 1 | | | | | | 1 | | | | 25 | | | | | | OFF | | | | | | | 6 | | | | | | | 2 | | | | | | | | | | 8 | | | | | | | | | | 5 | | | | | | | | | | 2 | | | | | | | | | | 7 | | | | | | | | 7 | | | | | | | | | 3 | | | | | | | 10 | | | | 25 | | | |
| June 2018 | | | Off season vegetables | | | | | | | | Application of Boren (Borax or sodium borate) and Molybdenum (Sodium molydate) in summer cauliflower | | | | | 1 | | | | | | 3 | | | | 90 | | | | | | OFF | | | | | | | 10 | | | | | | | 5 | | | | | | | | | | 15 | | | | | | | | | | 3 | | | | | | | | | | 2 | | | | | | | | | | 5 | | | | | | | | 5 | | | | | | | | | 5 | | | | | | | 10 | | | | 30 | | | |
| June 2018 | | | | | | Cultivation of fruits | | | | | | | Preparation of pits, planting and protection of mango plants in initial stage of growth | | | | | 1 | | | | | | 2 | | | | 50 | | | | | | OFF | | | | | | | 8 | | | | | | | 2 | | | | | | | | | | 10 | | | | | | | | | | 3 | | | | | | | | | | 2 | | | | | | | | | | 5 | | | | | | | | 5 | | | | | | | | | 5 | | | | | | | 10 | | | | 25 | | | |
| 1 | | | | | | 1 | | | | 26 | | | | | | ON | | | | | | | 8 | | | | | | | 3 | | | | | | | | | | 11 | | | | | | | | | | 5 | | | | | | | | | | 2 | | | | | | | | | | 7 | | | | | | | | 6 | | | | | | | | | 2 | | | | | | | 8 | | | | 26 | | | |
| 1 | | | | | | 1 | | | | 28 | | | | | | ON | | | | | | | 8 | | | | | | | 2 | | | | | | | | | | 10 | | | | | | | | | | 7 | | | | | | | | | | 2 | | | | | | | | | | 9 | | | | | | | | 5 | | | | | | | | | 4 | | | | | | | 9 | | | | 28 | | | |
| 1 | | | | | | 1 | | | | 25 | | | | | | ON | | | | | | | 9 | | | | | | | 2 | | | | | | | | | | 11 | | | | | | | | | | 5 | | | | | | | | | | 2 | | | | | | | | | | 7 | | | | | | | | 4 | | | | | | | | | 3 | | | | | | | 7 | | | | 25 | | | |
|  | | | | | |  | | | | | | |  | | | | | **12** | | | | | |  | | | | **428** | | | | | |  | | | | | | | **94** | | | | | | | **34** | | | | | | | | | | **128** | | | | | | | | | | **52** | | | | | | | | | | **30** | | | | | | | | | | **82** | | | | | | | | **66** | | | | | | | | | **40** | | | | | | | **106** | | | | **316** | | | |
| **IIND QUARTER** | | | | | | | | | | | | |  | | | | |  | | | | | |  | | | |  | | | | | |  | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | | | | |  | | | | | | | | |  | | | | | | |  | | | |  | | | |
|  | | | | | |  | | | | | | |  | | | | | 1 | | | | | | 1 | | | | 25 | | | | | | ON | | | | | | | 6 | | | | | | | 3 | | | | | | | | | | 9 | | | | | | | | | | 5 | | | | | | | | | | 4 | | | | | | | | | | 9 | | | | | | | | 5 | | | | | | | | | 2 | | | | | | | 7 | | | | 25 | | | |
| July 2018 | | | | | Plant protection in vegetables | | | | | | | | Control of shoot & fruit borer in brinjal | | | | | 1 | | | | | | 4 | | | | 104 | | | | | | ON | | | | | | | 8 | | | | | | | 3 | | | | | | | | | | 11 | | | | | | | | | | 3 | | | | | | | | | | 2 | | | | | | | | | | 5 | | | | | | | | 8 | | | | | | | | | 2 | | | | | | | 10 | | | | 26 | | | |
| 1 | | | | | | 1 | | | | 25 | | | | | | ON | | | | | | | 5 | | | | | | | 2 | | | | | | | | | | 7 | | | | | | | | | | 6 | | | | | | | | | | 2 | | | | | | | | | | 8 | | | | | | | | 7 | | | | | | | | | 3 | | | | | | | 10 | | | | 25 | | | |
| July 2018 | | | | | Fruit training & pruning | | | | | | | | Periodic removal of the dead and disease branches through pruning in mango | | | | | 1 | | | | | | 1 | | | | 25 | | | | | | OFF | | | | | | | 10 | | | | | | | 2 | | | | | | | | | | 12 | | | | | | | | | | 3 | | | | | | | | | | 2 | | | | | | | | | | 5 | | | | | | | | 4 | | | | | | | | | 4 | | | | | | | 8 | | | | 25 | | | |
| July 2018 | | | | Management of young plants orchards | | | | | | | | | Intercropping with vegetables in newly established orchard | | | | 1 | | | | | | 1 | | | | | 26 | | | | OFF | | | | | 8 | | | | | | 2 | | | | | | | | | 10 | | | | | | | | | | 3 | | | | | | | | | | | 2 | | | | | | | | | | 5 | | | | | | | 8 | | | | | | | | | | 3 | | | | | | | | 11 | | | | | | | 26 | | |
| July 2018 | | | | Plant propagation techniques | | | | | | | | | Epicotyl grafting in mango | | | | 1 | | | | | | 1 | | | | | 25 | | | | OFF | | | | | 7 | | | | | | 3 | | | | | | | | | 10 | | | | | | | | | | 5 | | | | | | | | | | | 3 | | | | | | | | | | 8 | | | | | | | 5 | | | | | | | | | | 2 | | | | | | | | 7 | | | | | | | 25 | | |
| 1 | | | | | | 1 | | | | | 25 | | | | ON | | | | | 8 | | | | | | 2 | | | | | | | | | 10 | | | | | | | | | | 5 | | | | | | | | | | | 2 | | | | | | | | | | 7 | | | | | | | 6 | | | | | | | | | | 2 | | | | | | | | 8 | | | | | | | 25 | | |
| 1 | | | | | | 1 | | | | | 25 | | | | ON | | | | | 8 | | | | | | 2 | | | | | | | | | 10 | | | | | | | | | | 5 | | | | | | | | | | | 3 | | | | | | | | | | 8 | | | | | | | 4 | | | | | | | | | | 3 | | | | | | | | 7 | | | | | | | 25 | | |
| Aug 2018 | | | | Export potential fruits | | | | | | | | | Remedial measures to overcome alternate / biennial bearing problem in mango | | | | 1 | | | 1 | | | | | | | 25 | | | | | ON | | | | 6 | | | | | | | | 2 | | | | | | | | 8 | | | | | | | | | | 5 | | | | | | | | | | | 4 | | | | | | | | | | 9 | | | | | | | 5 | | | | | | | | | 3 | | | | | | | | | 8 | | | | | | | | 25 | |
| Aug 2018 | | | | Plant propaga- tion techniques | | | | | | | | | Air layering in guava, litchi & citrus | | | | 1 | | | 3 | | | | | | | 75 | | | | | ON | | | | 5 | | | | | | | | 1 | | | | | | 6 | | | | | | | | | | | 7 | | | | | | | | | | | 2 | | | | | | | | | | 9 | | | | | | | 8 | | | | | | | | | | 2 | | | | | | | | | 10 | | | | | | | | 25 | |
| Sept. 2018 | | | | Grading and standardization | | | | | | | | | Stages of maturity in tomato for harvesting depending upon purpose for use | | | | 1 | | | 1 | | | | | | | 25 | | | | | OFF | | | | 7 | | | | | | | | 2 | | | | | | | | 9 | | | | | | | | | | 8 | | | | | | | | | | | 2 | | | | | | | | | | 10 | | | | | | | | | 4 | | | | | | | 2 | | | | | | | | | 6 | | | | | | | | 25 | |
|  | | |  | | | | | | | Grading of tomato to fetch high price in town / city market | | | | | | 1 | | | | | | 1 | | | | | | | | 26 | | | | ON | | | | | 9 | | | | | | | 1 | | | | | | 10 | | | | | | | | | 5 | | | | | | | | | 2 | | | | | | | | | | | 7 | | | | | | | | 7 | | | | | | | | 2 | | | | | | | | | 9 | | | | | | | | 26 | | | |
| Grading of brinjal to fetch high price in town / city market | | | | | | 1 | | | | | | 1 | | | | | | | | 25 | | | | OFF | | | | | 6 | | | | | | | 3 | | | | | | 9 | | | | | | | | | | | | | 5 | | | | | | | 4 | | | | | | | | | | 9 | | | | | | | | | | 5 | | | | | | 2 | | | | | | | 7 | | | | | | | | | 25 | | | |
| Sept. 2018 | | | | Plant protection in vegetables | | | | | | | | | | | | Control of wilt disease in tomato | 1 | | | | | | 3 | | | | | | | | 52 | | | | ON | | | | | 8 | | | | | | | 3 | | | | | | | | | 11 | | | | | | | | | 3 | | | | | | | | | | | | | | 2 | | | | | | | 5 | | | | | | | 8 | | | | | | 2 | | | | | | | 10 | | | | | | | | | 26 | | | |
| 1 | | | | | | 1 | | | | | | | | 25 | | | | OFF | | | | | 7 | | | | | | | 3 | | | | | | | | | 10 | | | | | | | | | 5 | | | | | | | | | | | | | | 3 | | | | | | | 8 | | | | | | | 5 | | | | | | 2 | | | | | | | 7 | | | | | | | | | 25 | | | |
|  | | | |  | | | | | | | | | | | |  | **16** | | | | | |  | | | | | | | | **409** | | | |  | | | | | **87** | | | | | | | **25** | | | | | | | | | **112** | | | | | | | | | **60** | | | | | | | | | | | | | | **30** | | | | | | | **90** | | | | | | | **71** | | | | | | **30** | | | | | | | **101** | | | | | | | | | **303** | | | |
| **IIIRD QUARTER** | | | | | | | | | | | | | | | |  |  | | | | | |  | | | | | | | |  | | | |  | | | | |  | | | | | | |  | | | | | | | | |  | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | |  | | | | | | |  | | | | | |  | | | | | | |  | | | | | | | | |  | | | |
| Oct. 2018 | | | Exotic vegetables | | | | | | | | | | | | | Transplanting of broccoli seedlings with balanced doses of fertilizers at proper spacing | 1 | | | | | | 1 | | | | | | | | 14 | | | | ON | | | | | 5 | | | | | | | 2 | | | | | | | | | 7 | | | | | | | | | 6 | | | | | | | | | | | | | | 2 | | | | | | | 8 | | | | | | | 8 | | | | | | 5 | | | | | | | 13 | | | | | | | | | 28 | | | |
|  | | | |  | | | | | | | | | | | | Harvesting of central head in broccoli at correct stage for marketing | 1 | | | | | | 1 | | | | | | | | 25 | | | | OFF | | | | | 8 | | | | | | | 5 | | | | | | | | | 13 | | | | | | | | | 4 | | | | | | | | | | | | | | 2 | | | | | | | 6 | | | | | | | 5 | | | | | | 2 | | | | | | | 7 | | | | | | | | | 26 | | | |
| Oct. 2018 | | | | Management of young plants / orchard | | | | | | | | | | | | Application of manures and fertilizers in non bearing young mango plants | 1 | | | | | | 1 | | | | | | | | 50 | | | | OFF | | | | | 16 | | | | | | | 4 | | | | | | | | | 20 | | | | | | | | | 13 | | | | | | | | | | | | | | 2 | | | | | | | 15 | | | | | | | 13 | | | | | | 2 | | | | | | | 15 | | | | | | | | | 50 | | | |
| Oct. 2018 | | | | Plant propagation techniques | | | | | | | | | | | | Veneer grafting in mango | 1 | | | | | | 3 | | | | | | | | 42 | | | | ON | | | | | | | 2 | | | | | | | 2 | | | | | | | | 4 | | | | | | | | | | 4 | | | | | | | | | 3 | | | | | | | | | | 7 | | | | | | | 9 | | | | | | | | | 3 | | | | | | 12 | | | | | 23 | | | | | |
| Nov. 2018 | | | | Plant protection in vegetables | | | | | | | | | | | | Control of early and late blight disease in potato | 1 | | | | | | 3 | | | | | | | | 25 | | | | OFF | | | | | | | 8 | | | | | | | 2 | | | | | | | | 10 | | | | | | | | | | 3 | | | | | | | | | 2 | | | | | | | | | | 5 | | | | | | | 5 | | | | | | | | | 5 | | | | | | 10 | | | | | 25 | | | | | |
| Dec. 2018 | | | | Plant protection in vegetables | | | | | | | | | | | | Control of fusarium wilt disease in pea | 1 | | | | | | 2 | | | | | | | | 50 | | | | OFF | | | | | | | 10 | | | | | | | 2 | | | | | | | | 12 | | | | | | | | | | 4 | | | | | | | | | 2 | | | | | | | | | | 6 | | | | | | | 4 | | | | | | | | | 3 | | | | | | 7 | | | | | 25 | | | | | |
|  | | | |  | | | | | | | | | | | |  | **6** | | | | | |  | | | | | | | | **206** | | | |  | | | | | | | **49** | | | | | | | **17** | | | | | | | | **66** | | | | | | | | | | **34** | | | | | | | | | **13** | | | | | | | | | | **47** | | | | | | | **44** | | | | | | | | | **20** | | | | | | **64** | | | | | **177** | | | | | |
| **IVTH QUARTER** | | | | | | | | | | | | | | | |  |  | | | | | |  | | | | | | | |  | | | |  | | | | | | |  | | | | | | |  | | | | | | | |  | | | | | | | | | |  | | | | | | | | |  | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | |  | | | | | | |  | | | | | |
| Jan. 2019 | | | Nursery raising | | | | | | | | | | | | | Raising of seedlings of (bottle gourd, bittergound, cucumber and watermelon in poly tube for early transplanting. | 1 | | | | | | 2 | | | | | | | | 34 | | | | ON | | | | | | | 6 | | | | | | | 2 | | | | | | | | 8 | | | | | | | | | | 6 | | | | | | | | | 3 | | | | | | | | | | 9 | | | | | | | 7 | | | | | | | 3 | | | | | | 10 | | | | | | | 27 | | | | | |
| 1 | | | | | | 1 | | | | | | | | 30 | | | | OFF | | | | | | | 10 | | | | | | | 2 | | | | | | | | 12 | | | | | | | | | | 6 | | | | | | | | | 2 | | | | | | | | | | 8 | | | | | | | 5 | | | | | | | 5 | | | | | | 10 | | | | | | | 30 | | | | | |
| Feb. 2019 | | | | Rejuvenation of old orchard | | | | | | | | | | | | Rejuvenation of old mango orchards | 1 | | | | | | 1 | | | | | | | | 25 | | | | OFF | | | | | | | 11 | | | | | | | 2 | | | | | | | | 13 | | | | | | | | | | 3 | | | | | | | | | 3 | | | | | | | | | | 6 | | | | | | | 4 | | | | | | | 2 | | | | | | 6 | | | | | | | 25 | | | | | |
| Feb. 2019 | | | Vegetables crops  production of low volume and high volume crops | | | | | | | | | | | | | Transplanting of sweet pepper (Capsicum) seedlings at proper spacing | 1 | | | | | | 2 | | | | | | | | 30 | | | | ON | | | | | | | 5 | | | | | | | 3 | | | | | | | | 8 | | | | | | | | | | 6 | | | | | | | | | 4 | | | | | | | | | | 10 | | | | | | | 7 | | | | | | | 4 | | | | | | 11 | | | | | | | 29 | | | | | |
| Mar.  2019 | | | Fruit training & Pruing | | | | | | | | | | | | | Training of young mango plants to provide a good frame work | 1 | | | | | | 2 | | | | | | | | 50 | | | | OFF | | | | | | | 8 | | | | | | | 2 | | | | | | | | 10 | | | | | | | | | | 4 | | | | | | | | | 2 | | | | | | | | | | 6 | | | | | | | 4 | | | | | | | 3 | | | | | | 7 | | | | | | | 23 | | | | | |
|  | | |  | | | | | | | | | | | | |  | **5** | | | | | |  | | | | | | | | **169** | | | |  | | | | | | | **40** | | | | | | | **11** | | | | | | | | **51** | | | | | | | | | | **25** | | | | | | | | | **14** | | | | | | | | | | **39** | | | | | | | **27** | | | | | | | **17** | | | | | | **44** | | | | | | | **134** | | | | | |
| **Disci-**  **pline/**  **Qrt/**  **Month** | | | | | | | **Thematic area** | | | **Course Title** | | | | | | | | | | **No. of course** | | | | | | **Dura**  **tion/ Days** | | | | | | **Total No. of trainee days** | | | | **Venue On/**  **Off** | | | | | | | **Others** | | | | | | | | | | | | | | | | | | | | | | | | | | **SC** | | | | | | | | | | | | | | | | | | | | | | | | | | **ST** | | | | | | | | | | | | | | | | | | | **Grand total** | | | | | |
|  | | | | | | |  | | |  | | | | | | | | | |  | | | | | |  | | | | | |  | | | |  | | | | | | | M | | | | | | | W | | | | | | | | | T | | | | | | | | | | M | | | | | | | | W | | | | | | | | | | T | | | | | | | | M | | | | | | | W | | | | | | | T | | | | |  | | | | | |
|  | | | | | | | | | | | | | | | | | | | |  | | | | | |  | | | | | |  | | | |  | | | | | | |  | | | | | | |  | | | | | | | | |  | | | | | | | | | |  | | | | | | | |  | | | | | | | | | |  | | | | | | | |  | | | | | | |  | | | | | | |  | | | | |  | | | | | |
| **III. PLANT PROTECTION** | | | | | | | | | | | | | | | | | | | |  | | | | | |  | | | | | |  | | | |  | | | | | | |  | | | | | | |  | | | | | | | | |  | | | | | | | | | |  | | | | | | | |  | | | | | | | | | |  | | | | | | | |  | | | | | | |  | | | | | | |  | | | | |  | | | | | |
| **IST QUARTER** | | | | | | | | | | | |  | | | | | | | |  | | | | | |  | | | | | |  | | | |  | | | | | | |  | | | | | | |  | | | | | | | | |  | | | | | | | | | |  | | | | | | | |  | | | | | | | | | |  | | | | | | | |  | | | | | | |  | | | | | | |  | | | | |  | | | | | |
| April 2018 | | | | | | | Integrated pest management | | | | | IPM of Kharif pulses crop | | | | | | | | 1 | | | | | | 5 | | | | | | 65 | | | | OFF | | | | | | | 9 | | | | | | | 4 | | | | | | | | | 13 | | | | | | | | | | 5 | | | | | | | | 2 | | | | | | | | | | 7 | | | | | | | | 4 | | | | | | | 3 | | | | | | | 7 | | | | | 27 | | | | | |
| May 2018 | | | | | | | Integrated Disease Management | | | | | IDM of Kharif pulses & Paddy crop | | | | | | | | 1 | | | | | | 2 | | | | | | 28 | | | | OFF | | | | | | | 8 | | | | | | | 2 | | | | | | | | | 10 | | | | | | | | | | 9 | | | | | | | | 5 | | | | | | | | | | 14 | | | | | | | | 5 | | | | | | | 1 | | | | | | | 6 | | | | | 30 | | | | | |
| June 2018 | | | | | | | Bio control of pests and diseases | | | | | Bio – control of pests and Diseases of Kharif pulses and paddy crop | | | | | | | | 1 | | | | | | 3 | | | | | | 30 | | | | OFF | | | | | | | 8 | | | | | | | 2 | | | | | | | | | 10 | | | | | | | | | | 7 | | | | | | | | 3 | | | | | | | | | | 10 | | | | | | | | 6 | | | | | | | 1 | | | | | | | 7 | | | | | 27 | | | | | |
| Bio – control of pests and Diseases of Kharif pulses & paddy crop | | | | | | | | 1 | | | | | | 3 | | | | | | 57 | | | | ON | | | | | | | 8 | | | | | | | 2 | | | | | | | | | 10 | | | | | | | | | | 7 | | | | | | | | 5 | | | | | | | | | | 12 | | | | | | | | 5 | | | | | | | 2 | | | | | | | 7 | | | | | 29 | | | | | |
| Production of bio – control agents and bio – pesticides | | | | | Production of *Trichoderma* sp. | | | | | | | | 1 | | | | | | 2 | | | | | | 20 | | | | ON | | | | | | | 6 | | | | | | | 4 | | | | | | | | | 10 | | | | | | | | | | 8 | | | | | | | | 5 | | | | | | | | | | 13 | | | | | | | | 4 | | | | | | | 1 | | | | | | | 5 | | | | | 28 | | | | | |
| Production of *Trichoderma* sp. | | | | | | | | 1 | | | | | | 3 | | | | | | 30 | | | | ON | | | | | | | 9 | | | | | | | 2 | | | | | | | | | 11 | | | | | | | | | | 6 | | | | | | | | 3 | | | | | | | | | | 9 | | | | | | | | 6 | | | | | | | 5 | | | | | | | 11 | | | | | 31 | | | | | |
|  | | | | | | |  | | | | |  | | | | | | | | **6** | | | | | |  | | | | | | **230** | | | |  | | | | | | | **48** | | | | | | | **16** | | | | | | | | | **64** | | | | | | | | | | **42** | | | | | | | | **23** | | | | | | | | | | **65** | | | | | | | | **30** | | | | | | | **13** | | | | | | | **43** | | | | | **172** | | | | | |
| **IIND QUARTER** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| July 2018 | | | | | | | | Bio control of pests and diseases | | | | | | Bio – control of pests and Diseases of Kharif pulses & paddy crop | | | | | | | 1 | | | | | | 5 | | | | | | 110 | | | | ON | | | | | | | 8 | | | | | | | | | | | 2 | | | | | | 10 | | | | | | | | | | | 10 | | | | | | | | | 2 | | | | | | | | 12 | | | | | | | | - | | | | | | | - | | | | | | | 0 | | | | | 22 | | | |
| Bio – control of pests and Diseases of Kharif pulses & paddy crop | | | | | | | 1 | | | | | | 1 | | | | | | 14 | | | | OFF | | | | | | | 6 | | | | | | | | | | | 4 | | | | | | 10 | | | | | | | | | | | 5 | | | | | | | | | 1 | | | | | | | | 6 | | | | | | | | 6 | | | | | | | 2 | | | | | | | 8 | | | | | 24 | | | |
| Bio – control of pests and Diseases of Kharif pulses & paddy crop | | | | | | | 1 | | | | | | 1 | | | | | | 12 | | | | OFF | | | | | | | 10 | | | | | | | | | | | 2 | | | | | | 12 | | | | | | | | | | | 9 | | | | | | | | | 2 | | | | | | | | 11 | | | | | | | | 3 | | | | | | | - | | | | | | | 3 | | | | | 26 | | | |
| Integrated pest management | | | | | | Control of stem borer in maize by Pheromone trap (IPM) | | | | | | | 1 | | | | | | 2 | | | | | | 32 | | | | OFF | | | | | | | 10 | | | | | | | | | | | 2 | | | | | | 12 | | | | | | | | | | | 7 | | | | | | | | | 2 | | | | | | | | 9 | | | | | | | | 3 | | | | | | | 1 | | | | | | | 4 | | | | | 25 | | | |
| August 2018 | | | | | | | | Disease & pest management | | | | | | Control of pod borer in blackgram and green gram by spraying of insecticide | | | | | | | 1 | | | | | | 2 | | | | | | 44 | | | | OFF | | | | | | | 15 | | | | | | | | | | | 3 | | | | | | 18 | | | | | | | | | | | 6 | | | | | | | | | 2 | | | | | | | | 8 | | | | | | | | 3 | | | | | | | 2 | | | | | | | 5 | | | | | 31 | | | |
| Integrated crop management | | | | | | Seed treatment & sowing of Niger in rows | | | | | | | 1 | | | | | | 2 | | | | | | 60 | | | | ON | | | | | | | 15 | | | | | | | | | | | 5 | | | | | | 20 | | | | | | | | | | | 3 | | | | | | | | | 2 | | | | | | | | 5 | | | | | | | | 3 | | | | | | | 2 | | | | | | | 5 | | | | | 30 | | | |
| Sept. 2018 | | | | | | | | Integrated Disease Management | | | | | | IDM of Kharif pulses & Paddy crop | | | | | | | 1 | | | | | | 2 | | | | | | 50 | | | | ON | | | | | | | 10 | | | | | | | | | | | 2 | | | | | | 12 | | | | | | | | | | | 3 | | | | | | | | | 2 | | | | | | | | 5 | | | | | | | | 5 | | | | | | | 3 | | | | | | | 8 | | | | | 25 | | | |
|  | | | | | | | |  | | | | | |  | | | | | | | **7** | | | | | |  | | | | | | **322** | | | |  | | | | | | | **74** | | | | | | | | | | | **20** | | | | | | **94** | | | | | | | | | | | **43** | | | | | | | | | **13** | | | | | | | | **56** | | | | | | | | **23** | | | | | | | **10** | | | | | | | **33** | | | | | **183** | | | |
| **IIIRD QUARTER** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oct. 2018 | | | | | | | | | Mushroom production | | | | | Spawn preparation & Mushroom production | | | | | | | 1 | | | | | | 3 | | | | | | 51 | | | | ON | | | | | | | 7 | | | | | | | 2 | | | | | | | | | 9 | | | | | | | | | | 6 | | | | | | | | | | 3 | | | | | | | | | 9 | | | | | | | | 5 | | | | | | | 3 | | | | | | | 8 | | | | | 26 | | | |
| Oct 2018 | | | | | | | | |  | | | | |  | | | | | | | 2 | | | | | | 2 | | | | | | 24 | | | | ON | | | | | | | 8 | | | | | | | 4 | | | | | | | | | 12 | | | | | | | | | | 10 | | | | | | | | | | 2 | | | | | | | | | 12 | | | | | | | | 5 | | | | | | | - | | | | | | | 5 | | | | | 29 | | | |
| Nov. 2018 | | | | | | | | | IDM | | | | | Seed treatment of gram against wilt disease | | | | | | | 1 | | | | | | 3 | | | | | | 42 | | | | ON | | | | | | | 10 | | | | | | | - | | | | | | | | | 10 | | | | | | | | | | 8 | | | | | | | | | | 3 | | | | | | | | | 11 | | | | | | | | 6 | | | | | | | 1 | | | | | | | 7 | | | | | 28 | | | |
| Dec. 2018 | | | | | | | | | Integrated pest management | | | | | Control of aphids in toria and rai by spraying bio pesticide | | | | | | | 1 | | | | | | 3 | | | | | | 84 | | | | OFF | | | | | | | 8 | | | | | | | 4 | | | | | | | | | 12 | | | | | | | | | | 5 | | | | | | | | | | 3 | | | | | | | | | 8 | | | | | | | | 5 | | | | | | | 3 | | | | | | | 8 | | | | | 28 | | | |
|  | | | | | | | | |  | | | | |  | | | | | | | **5** | | | | | |  | | | | | | **201** | | | |  | | | | | | | **33** | | | | | | | **10** | | | | | | | | | **43** | | | | | | | | | | **29** | | | | | | | | | | **11** | | | | | | | | | **40** | | | | | | | | **21** | | | | | | | **7** | | | | | | | **28** | | | | | **111** | | | |
| **IVTH QUARTER** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jan 2019 | | | | | | | | | Integrated pest management | | | | | Control of gram pod borer. | | | | | | | 1 | | | | | | 2 | | | | | | 40 | | | | OFF | | | | | | | 5 | | | | | | | 3 | | | | | | | | | 8 | | | | | | | | | | 7 | | | | | | | | | | 3 | | | | | | | | | 10 | | | | | | | | 5 | | | | | | | 3 | | | | | | | 8 | | | | | 26 | | | |
| Feb. 2019 | | | | | | | | | IDM | | | | | Control of Alternaria blight of mustard | | | | | | | 1 | | | | | | 2 | | | | | | 30 | | | | OFF | | | | | | | 8 | | | | | | | 3 | | | | | | | | | 11 | | | | | | | | | | 9 | | | | | | | | | | 6 | | | | | | | | | 15 | | | | | | | | 6 | | | | | | | 2 | | | | | | | 8 | | | | | 34 | | | |
| Mar.  2019 | | | | | | | | | IDM | | | | | Seed treatment of summer moong | | | | | | | 1 | | | | | | 3 | | | | | | 45 | | | | ON | | | | | | | 9 | | | | | | | 2 | | | | | | | | | 11 | | | | | | | | | | 4 | | | | | | | | | | 2 | | | | | | | | | 6 | | | | | | | | 7 | | | | | | | 2 | | | | | | | 9 | | | | | 26 | | | |
|  | | | | | | | | |  | | | | |  | | | | | | | **3** | | | | | |  | | | | | | **115** | | | |  | | | | | | | **22** | | | | | | | **8** | | | | | | | | | **30** | | | | | | | | | | **20** | | | | | | | | | | **11** | | | | | | | | | **31** | | | | | | | | **18** | | | | | | | **7** | | | | | | | **25** | | | | | **86** | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Disci-**  **pline/**  **Qrt/**  **Month** | | | | **Thematic area** | | | **Course Title** | | | | | **No. of course** | | | **Dura**  **tion/ Days** | | | **Total No. of trainee days** | | | **Venue On/**  **Off** | | | **Others** | | | | | | | | | | | **SC** | | | | | | | **ST** | | | | | | | | | **Grand total** | | | |
|  | | | |  | | |  | | | | |  | | |  | | |  | | |  | | | M | | W | | | | | T | | | | M | | W | | | T | | M | | | | W | | T | | | |  | | |
| **IV.LIVESTOCK PRODUCTION &**  **MANAGEMENT** | | | | | | | | | | | |  | | |  | | |  | | |  | | |  | |  | | | | |  | | | |  | |  | | |  | |  | | | |  | |  | | | |  | | |
| **IST QUARTER** | | | | | | | | |  | | |  | | |  | | |  | | |  | | |  | |  | | | | |  | | | |  | |  | | |  | |  | | | |  | |  | | | |  | | |
| April 2018 | | | Goat management | | | | | | Introduction of goat rearing for increasing income of resource poor farmers and farm women | | | 1 | | | 2 | | | 30 | | | ON | | | 6 | | | 2 | | | | | 8 | | | 6 | | 2 | | | 8 | | 6 | | | | 4 | | 10 | | | | 26 | | |
| April 2018 | | | Dairy management | | | | | | Heat detection in Buffalo and correct time for A.I | | | 1 | | | 1 | | | 20 | | | OFF | | | 8 | | | 2 | | | | | 10 | | | 9 | | 2 | | | 11 | | 6 | | | | 2 | | 8 | | | | 29 | | |
| May  2018 | | | Dairy management | | | | | | Care of lactating animals for maximizing milk production | | | 1 | | | 1 | | | 20 | | | OFF | | | 7 | | | 3 | | | | | 10 | | | 6 | | 2 | | | 8 | | 8 | | | | 2 | | 10 | | | | 28 | | |
| May  2018 | | | Feed Management | | | | | | Feed management of poultry birds during summer | | | 1 | | | 4 | | | 60 | | | ON | | | 9 | | | 2 | | | | | 11 | | | 7 | | 2 | | | 9 | | 9 | | | | 2 | | 11 | | | | 31 | | |
| June  2018 | | | | Goat Management | | | | | | Sign of oestrum and correct time of breeding | | | 1 | | | 2 | | | 30 | | | ON | | | 10 | | | 2 | | | | | 12 | | | 7 | | 2 | | | 9 | | 7 | | | | 1 | | 8 | | | | 29 | | |
| June  2018 | | | | Disease Management | | | | | | control of endo parasite in freshly calved cows to increase their milk yield | | | 1 | | | 2 | | | 30 | | | OFF | | | 9 | | | 3 | | | | | 12 | | | 8 | | 3 | | | 11 | | 5 | | | | - | | 5 | | | | 28 | | |
| June 2018 | | | | Piggery management | | | | | | Effect of temperature on feed intake and daily live weight gain of piglets | | | 1 | | | 1 | | | 25 | | | OFF | | | 7 | | | - | | | | | 7 | | | 8 | | 2 | | | 10 | | 10 | | | | 5 | | 15 | | | | 32 | | |
|  | | | |  | | | | | |  | | | **7** | | |  | | | **215** | | |  | | | **56** | | | **14** | | | | | **70** | | | **51** | | **15** | | | **66** | | **51** | | | | **16** | | **67** | | | | **203** | | |
| **IIND QUARTER** | | | | | | | | | |  | | |  | | |  | | |  | | |  | | |  | |  | | | | |  | | | |  | |  | | |  | |  | | | |  | |  | | | |  | | |
| July 2018 | | | | Dairy Management | | | | | | Care of cow at and after calving | | | 1 | | | 2 | | | 40 | | | ON | | | 6 | | | 4 | | | | | 10 | | | 5 | | 2 | | | 7 | | 6 | | | | 2 | | 8 | | | | 25 | | |
| July 2018 | | | | Poultry Management | | | | | | Care and management of layers in backyard rearing | | | 1 | | | 1 | | | 20 | | | OFF | | | 8 | | | 2 | | | | | 10 | | | 7 | | 2 | | | 9 | | 8 | | | | 2 | | 10 | | | | 29 | | |
| August 2018 | | | | Dairy Management | | | | | | Care and management of heifers | | | 1 | | | 3 | | | 60 | | | ON | | | 7 | | | 3 | | | | | 10 | | | 5 | | 2 | | | 7 | | 6 | | | | 2 | | 8 | | | | 25 | | |
| August 2018 | | | | Poultry management | | | | | | Preparation of brooder house | | | 1 | | | 2 | | | 40 | | | OFF | | | 9 | | | 3 | | | | | 12 | | | 7 | | 2 | | | 9 | | 6 | | | | 4 | | 10 | | | | 31 | | |
| August 2018 | | | | Goat management | | | | | | Care and management of cross bred kids | | | 1 | | | 1 | | | 20 | | | OFF | | | 10 | | | 2 | | | | | 12 | | | 5 | | 2 | | | 7 | | 5 | | | | 3 | | 8 | | | | 27 | | |
| Sep. 2018 | | | | Poultry Management | | | | | | Cleaning and disinfection of broiler farm before the arrival of chicks | | | 1 | | | 2 | | | 40 | | | ON | | | 8 | | | 2 | | | | | 10 | | | 6 | | 2 | | | 8 | | 7 | | | | 2 | | 9 | | | | 27 | | |
| Sept .  2018 | | | | Goat Management | | | | | | Flashing of female goat for improving the number of kids | | | 1 | | | 2 | | | 30 | | | OFF | | | 9 | | | 2 | | | | | 11 | | | 7 | | 2 | | | 9 | | 5 | | | | 3 | | 8 | | | | 28 | | |
| Sept. 2018 | | | | Piggery management | | | | | | Care and management of piglets after farrowing | | | 1 | | | 1 | | | 25 | | | OFF | | | - | | | - | | | | | 0 | | | 10 | | 5 | | | 15 | | 5 | | | | 5 | | 10 | | | | 25 | | |
|  | | | | | |  | | | |  | | | **8** | | |  | | | **275** | | |  | | | **57** | | | **18** | | | | | **75** | | | **52** | | **19** | | | **71** | | **48** | | | | **23** | | **71** | | | | **217** | | |
| **IIIRD QUARTER** | | | | | | | | | |  | | |  | | |  | | |  | | |  | | |  | |  | | | | |  | | | |  | |  | | |  | |  | | | |  | |  | | | |  | | |
| Oct. 2018 | | | | Dairy management | | | | | | Preparation of cows for milking and methods of clean milk production | | | 1 | | | 3 | | | 60 | | | ON | | | 7 | | | | | 3 | | | | | 10 | 6 | | 2 | | | 8 | | 7 | | | | 2 | | 9 | | | | 27 | | |
| Oct. 2018 | | | | Poultry management | | | | | | Introduction of improved poultry breed for higher egg production | | | 1 | | | 2 | | | 40 | | | OFF | | | 5 | | | | | 3 | | | | | 8 | 4 | | 2 | | | 6 | | 7 | | | | 5 | | 12 | | | | 26 | | |
| Oct. 2018 | | | | Feed management | | | | | | Cultivation of berseem and subabul for green fodder | | | 1 | | | 1 | | | 20 | | | OFF | | | 17 | | | | | 3 | | | | | 20 | 9 | | 2 | | | 11 | | - | | | | - | | 0 | | | | 31 | | |
| Nov. 2018 | | | | Dairy management | | | | | | Care and management of dry cows | | | 1 | | | 2 | | | 40 | | | ON | | | 7 | | | | | 3 | | | | | 10 | 6 | | 2 | | | 8 | | 5 | | | | 3 | | 8 | | | | 26 | | |
| Nov. 2018 | | | | - do - | | | | | | Detection of heat in cows and correct time for artificial insemination | | | 1 | | | 1 | | | 20 | | | OFF | | | 8 | | | | | 2 | | | | | 10 | 7 | | 2 | | | 9 | | 9 | | | | 2 | | 11 | | | | 30 | | |
| Nov. 2018 | | | | Disease Management | | | | | | Control of encoparasites in freshly calved cows and buffaloes to increase their milk yield | | | 1 | | | 1 | | | 15 | | | OFF | | | 10 | | | | | 2 | | | | | 12 | 6 | | 2 | | | 8 | | 5 | | | | 2 | | 7 | | | | 27 | | |
| Dec. 2018 | | | | Piggery management | | | | | | Care and management of piglets from birth to weaning | | | 1 | | | 2 | | | 40 | | | ON | | | 8 | | | | | 2 | | | | | 10 | 7 | | 3 | | | 10 | | 7 | | | | 3 | | 10 | | | | 30 | | |
| Dec. 2018 | | | | Disease management | | | | | | Control of ectoparasites in goat | | | 1 | | | 3 | | | 90 | | | ON | | | 7 | | | | | 3 | | | | | 10 | 8 | | 2 | | | 10 | | 8 | | | | 2 | | 10 | | | | 30 | | |
|  | | | |  | | | | | |  | | | **8** | | |  | | | **325** | | |  | | | **69** | | | | | **21** | | | | | **90** | **53** | | **17** | | | **70** | | **48** | | | | **19** | | **67** | | | | **227** | | |
| **IVTH QUARTER** | | | | | | | | | |  | | |  | | |  | | |  | | |  | | |  | | |  | | | | |  | | |  | |  | | |  | |  | | | |  | |  | | | |  | | |
| Jan 2019 | | | | Piggery management | | | | | | Optimum time for castration and castration of piglets | | | 1 | | | 2 | | | 30 | | | ON | | | 10 | | | 1 | | | | | 12 | | | 5 | | 1 | | | 6 | | 8 | | | | - | | 8 | | | | 29 | | |
| Jan 2019 | | | | Feed management | | | | | | Balanced feeding based on locally available materials to lactating animals | | | 1 | | | 2 | | | 60 | | | ON | | | 9 | | | 5 | | | | | 14 | | | 3 | | - | | | 3 | | 8 | | | | 2 | | 10 | | | | 27 | | |
| Feb. 2019 | | | | Dairy management | | | | | | Care and management of milking cows | | | 1 | | | 2 | | | 40 | | | ON | | | 8 | | | 2 | | | | | 10 | | | 7 | | 2 | | | 9 | | 6 | | | | 4 | | 10 | | | | 29 | | |
| Mar. 2019 | | | | Disease management | | | | | | Iron deficiency manage- ment during pre and post natal stages | | | 1 | | | 3 | | | 60 | | | ON | | | 6 | | | 2 | | | | | 8 | | | 6 | | 3 | | | 9 | | 8 | | | | 4 | | 12 | | | | 29 | | |
|  | | | | | | | | | | | | | **4** | | |  | | | **190** | | |  | | | **24** | | | **10** | | | | | **34** | | | **21** | | **5** | | | **26** | | **30** | | | | **10** | | **40** | | | | **100** | | |
| **Disci-**  **pline/**  **Qrt/**  **Month** | | | | **Thematic area** | | | | | | **Course Title** | | | **No. of course** | | | **Dura**  **tion/ Days** | | | **Total No. of trainee days** | | | **Venue On/**  **Off** | | | **Others** | | | | | | | | | | | **SC** | | | | | | | **ST** | | | | | | | | | | **Grand total** | | |
|  | | | | | |  | | | |  | | |  | | |  | | |  | | |  | | | M | | W | | | | | T | | | | M | | W | | | T | | M | | | | W | | T | | | |  | | |
|  | | | | | | | | | |  | | |  | | |  | | |  | | |  | | |  | |  | | | | |  | | | |  | |  | | |  | |  | | | |  | |  | | | |  | | |
| **V. PLANT PROTECTION** | | | | | | | | | |  | | |  | | |  | | |  | | |  | | |  | |  | | | | |  | | | |  | |  | | |  | |  | | | |  | |  | | | |  | | |
| IVTH QUARTER | | | | | | | | | |  | | |  | | |  | | |  | | |  | | |  | |  | | | | |  | | | |  | |  | | |  | |  | | | |  | |  | | | |  | | |
|  | | |  | | | | | |  | | |  | | |  | |  | | |  | | | M | | | W | | | | | T | | | | | M | | W | | T | | | | M | | W | | | | T | | | | |  | |
| Dec. 2018 | | | Oyster mushroom production | | | | | | Sterilization straw by chemical method and spawning in sterilized straw | | | 2 | | | 3 | | 60 | | | OFF | | | 6 | | | 4 | | | | | 10 | | | | | 5 | | 2 | | 7 | | | | 6 | | 2 | | | | 8 | | | | | 25 | |
| Jan. 2019 | | | Oyster mushroom cultivation | | | | | | Sterilization of straw by hot water method | | | 1 | | | 3 | | 30 | | | ON | | | 8 | | | 2 | | | | | 10 | | | | | 7 | | 2 | | 9 | | | | 8 | | 2 | | | | 10 | | | | | 29 | |
| Jan 2019 | | | Oyster mushroom cultivation | | | | | | Sterilization by chemical method | | | 1 | | | 3 | | 30 | | | ON | | | 7 | | | 3 | | | | | 10 | | | | | 5 | | 2 | | 7 | | | | 6 | | 2 | | | | 8 | | | | | 25 | |
| Jan 2019 | | | Oyster mushroom production | | | | | | Right time for opening mushroom bags, picking, packing and drying | | | 1 | | | 3 | | 30 | | | OFF | | | 9 | | | 3 | | | | | 12 | | | | | 7 | | 2 | | 9 | | | | 6 | | 4 | | | | 10 | | | | | 31 | |
| Feb. 2019 | | | Oyster mushroom cultivation | | | | | | Right time for opening mushroom bags, picking, packing and drying | | | 1 | | | 3 | | 30 | | | ON | | | 10 | | | 2 | | | | | 12 | | | | | 5 | | 2 | | 7 | | | | 5 | | 3 | | | | 8 | | | | | 27 | |
| Feb. 2019 | | | Oyster mushroom cultivation | | | | | | Sterilization of straw by chemical method | | | 1 | | | 3 | | 30 | | | ON | | | 8 | | | 2 | | | | | 10 | | | | | 6 | | 2 | | 8 | | | | 7 | | 2 | | | | 9 | | | | | 27 | |
| Feb. 2019 | | | Oyster mushroom production | | | | | |  | | |  | | |  | |  | | |  | | | 9 | | | 2 | | | | | 11 | | | | | 7 | | 2 | | 9 | | | | 5 | | 3 | | | | 8 | | | | | 28 | |
| March 2019 | | | Oyster mushroom cultivation | | | | | |  | | |  | | |  | |  | | |  | | | 7 | | | - | | | | | 7 | | | | | 10 | | 5 | | 15 | | | | 5 | | 5 | | | | 10 | | | | | 32 | |
|  | | |  | | | | | |  | | | **7** | | | **18** | | **210** | | |  | | | **71** | | | **21** | | | | | **92** | | | | | **57** | | **21** | | **78** | | | | **54** | | **25** | | | | **79** | | | | | **249** | |
| **Disci-**  **pline/**  **Qrt/**  **Month** | | | **Thematic area** | | | | **Course Title** | | | | **No. of course** | | | **Dura**  **tion/ Days** | | | | **Total No. of trainee days** | | | **Venue On/**  **Off** | | | **Others** | | | | | | | | | | | | | **SC** | | | | | | | | **ST** | | | | | | | | | **Grand total** | |
|  | | |  | | | |  | | | |  | | |  | | | |  | | |  | | | M | | | | | W | | | | | T | | | M | | W | | | T | | | M | | | W | | | T | | |  | |
| **VI. SOIL SCIENCE**  **I QUARTER** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| April  2018 | | Testing of Soil | | | | | Soil sample collection labeling & packing | | | | 1 | | | 2 | | | | 48 | | | OFF | | | 8 | | | | | 3 | | | | | 11 | | | 5 | | 2 | | | 7 | | | 8 | | | 2 | | | 10 | | | 28 | |
| May  2018 | | Integrated Nutrient Management | | | | | INM techniques for paddy production | | | | 1 | | | 2 | | | | 36 | | | ON | | | 9 | | | | | 5 | | | | | 14 | | | 3 | | - | | | 3 | | | 8 | | | 2 | | | 10 | | | 27 | |
| Jun  2018 | | Integrated Nutrient Management | | | | | INM techniques for pulses and oil seeds | | | | 1 | | | 3 | | | | 66 | | | ON | | | 8 | | | | | 2 | | | | | 10 | | | 7 | | 2 | | | 9 | | | 6 | | | 4 | | | 10 | | | 29 | |
|  | |  | | | | |  | | | | **3** | | | **8** | | | | **150** | | |  | | | **18** | | | | | **8** | | | | | **26** | | | **15** | | **2** | | | **17** | | | **22** | | | **6** | | | **28** | | | **71** | |
| **II QUARTER** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| July  2018 | | Bio-control | | | | | Benefit and use of *Rhizobium* culture in pulses crop | | | | 1 | | | 3 | | | | 60 | | | ON | | | 16 | | | | | 3 | | | | | 19 | | | 5 | | - | | | 5 | | | 2 | | | - | | | 2 | | | 26 | |
| Aug.  2018 | | Production and use of organic inputs | | | | | Organic farming | | | | 1 | | | 1 | | | | 35 | | | OFF | | | 8 | | | | | 2 | | | | | 10 | | | 3 | | 2 | | | 5 | | | 5 | | | 15 | | | 20 | | | 35 | |
|  | |  | | | | |  | | | | **2** | | | **4** | | | | **95** | | |  | | | **24** | | | | | **2** | | | | | **29** | | | **8** | | **2** | | | **10** | | | **7** | | | **15** | | | **22** | | | **61** | |
| **III QUARTER** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oct.  2018 | | Integrated Nutrient managemnt | | | | | Sulphur and Phosphate Management in oilseeds crop | | | | 2 | | | 3 | | | | 60 | | | ON | | | 8 | | | | | 3 | | | | | 11 | | | 5 | | 2 | | | 7 | | | 8 | | | 2 | | | 10 | | | 28 | |
| Nov.  2018 | | Integrated Nutrient managemnt | | | | | INM for Rabi pulses and oilseeds | | | | 1 | | | 2 | | | | 50 | | | ON | | | 9 | | | | | 5 | | | | | 14 | | | 3 | | - | | | 3 | | | 8 | | | 2 | | | 10 | | | 27 | |
| Dec.  2018 | |  | | | | | INM techniques for wheat | | | | 1 | | | 3 | | | | 60 | | | ON | | | 8 | | | | | 2 | | | | | 10 | | | 7 | | 2 | | | 9 | | | 6 | | | 4 | | | 10 | | | 29 | |
|  | |  | | | | |  | | | | **4** | | | **8** | | | | **170** | | |  | | | **25** | | | | | **10** | | | | | **35** | | | **15** | | **4** | | | **19** | | | **22** | | | **8** | | | **30** | | | **84** | |
| **IV QUARTER** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jan.  2019 | | Micronutrient Deficiency symptoms in crop | | | | | Symptoms & Management of Boron & Molybdenum in Cabbage and Cauliflower | | | | 1 | | | 2 | | | | 60 | | | ON | | | 7 | | | | | 3 | | | | | 10 | | | 5 | | 2 | | | 7 | | | 6 | | | 2 | | | 8 | | | 25 | |
| Feb.  2019 | |  | | | | | Symptoms & Management of Boron & Molybdenum in Cabbage and Cauliflower | | | | 1 | | | 2 | | | | 40 | | | ON | | | 9 | | | | | 3 | | | | | 12 | | | 3 | | - | | | 3 | | | 8 | | | 2 | | | 10 | | | 25 | |
| Mar.  2019 | | Testing of Soil | | | | | Soil sample collection labeling & packing | | | | 1 | | | 2 | | | | 48 | | | OFF | | | 8 | | | | | 2 | | | | | 10 | | | 7 | | 2 | | | 9 | | | 6 | | | 2 | | | 8 | | | 27 | |
|  | |  | | | | |  | | | | **3** | | | **6** | | | | **148** | | |  | | | **24** | | | | | **8** | | | | | **32** | | | **15** | | **4** | | | **19** | | | **20** | | | **6** | | | **26** | | | **77** | |

**VI. EXTENSION EDUCATION**

**I QUARTER**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| April  2018 | Group dynamics | Group dynamics | 1 | 2 | 48 | OFF | 8 | 3 | 11 | 5 | 2 | 7 | 8 | 2 | 10 | 28 |
| May  2018 | Mobilization of social capital | Mobilization of social capital | 1 | 2 | 36 | ON | 9 | 5 | 14 | 3 | - | 3 | 8 | 2 | 10 | 27 |
| Jun  2018 | Leadership development | Leadership development | 1 | 3 | 66 | ON | 8 | 2 | 10 | 7 | 2 | 9 | 6 | 4 | 10 | 29 |

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|  | **3** | **8** | **150** |  | **18** | **8** | **26** | **15** | **2** | **17** | **22** | **6** | **28** | **71** |

**II QUARTER**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| July 2018 | Formation and Management of SHGs | Formation and Management of SHGs | 1 | 5 | 110 | ON | 6 | 3 | 9 | 8 | 2 | 10 | 8 | 2 | 10 | 29 |
| August 2018 | Formation and Management of SHGs | 1 | 5 | 110 | ON | 6 | 3 | 9 | 3 | - | 3 | 8 | 2 | 10 | 22 |
| Sept. 2018 | Entrepreneurial Development of farmers | Entrepreneurial Development of farmers | 1 | 2 | 50 | ON | 8 | 2 | 10 | 7 | 2 | 9 | 6 | 2 | 8 | 27 |
|  |  |  | **3** | **12** | **270** |  | **20** | **8** | **28** | **18** | **4** | **22** | **22** | **6** | **28** | **78** |

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| **III QUARTER** | | | | | | | | | | | | | | | | |
| Oct.  2018 | Participatery Rural Appraisal for Agricultural Plan | Participatery Rural Appraisal for Agricultural Plan | 1 | 5 | 100 | OFF | 6 | 3 | 9 | 8 | 2 | 10 | 8 | 2 | 10 | 29 |
| Nov.  2018 | 1 | 5 | 125 | OFF | 6 | 3 | 9 | 3 | - | 3 | 8 | 2 | 10 | 22 |
| Dec.  2018 | Integrated Farming Sysytem | Integrated Farming Sysytem | 1 | 3 | 60 | ON | 8 | 2 | 10 | 7 | 2 | 9 | 6 | 2 | 8 | 27 |
| **IV QUARTER** | |  | **3** | **13** | **285** |  | **20** | **8** | **28** | **18** | **4** | **22** | **22** | **6** | **28** | **78** |
| Jan. 2019 | Leadership Development | Leadership Development | 1 | 2 | 34 | ON | 8 | 3 | 11 | 5 | 2 | 7 | 8 | 2 | 10 | 28 |
| Feb. 2019 | Importance of farm school | Importance of farm school | 1 | 1 | 25 | OFF | 9 | 5 | 14 | 3 | - | 3 | 8 | 2 | 10 | 27 |
| Mar.  2019 | Formation & importance of kisan club | Formation & importance of kisan club | 1 | 2 | 50 | OFF | 8 | 2 | 10 | 7 | 2 | 9 | 6 | 4 | 10 | 29 |
|  |  |  | **5** |  | **169** |  | **18** | **8** | **26** | **15** | **2** | **17** | **22** | **6** | **28** | **71** |

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| **Disci-**  **pline/**  **Qrt/**  **Month** | | **Thematic area** | **Course Title** | **No. of course** | **Dura**  **tion/ Days** | **Total No. of trainee days** | **Venue On/**  **Off** | **Others** | | | **SC** | | | **ST** | | | **Grand total** |
|  | |  |  |  |  |  |  | M | W | T | M | W | T | M | W | T |  |
| **B. RURAL YOUTH** | | | | | | | | | | | | | | | | | |
| 1. **CROP PRODUCTION** | | | | | | | | | | | | | | | | | |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| June 2018 | Seed Production | | 1. Seed rate & Seed treatment. 2. Nursery seed preparation for raising seedlings of transplanted paddy for seed multiplication | 1 | 2 | 40 | ON | 8 | 3 | 11 | 5 | 2 | 7 | 8 | 2 | 10 | 28 |
| Oct.  2018 | Seed Production | | Variety, seed rate, seed treatment fertilizer does and method of placement in mustard, & wheat under seed multiplication | 1 | 3 | 78 | ON | 10 | - | 10 | 5 | 3 | 8 | 5 | 3 | 8 | 26 |
|  |  | |  | **2** |  | **144** |  | **18** | **3** | **21** | **10** | **5** | **15** | **13** | **5** | **18** | **67** |
| **II. HORTICULTURE** | | | | | | | | | | | | | | | | | |
| June  2018 | Cultivation of fruits | | Preparation of pits, planting density & planting of Papaya | 1 | 2 | 50 | ON | 8 | 3 | 11 | 5 | 2 | 7 | 8 | 2 | 10 | 28 |
| July 2018 | Plant propagation technique | | Plant propagation method | 1 | 10 | 200 | ON | 8 | - | 8 | 5 | 3 | 8 | 6 | 3 | 8 | 25 |
|  |  | |  | **2** |  | **250** |  | **18** | **3** | **21** | **10** | **5** | **15** | **13** | **5** | **18** | **73** |

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| **III. PLANT PROTECTION** | | | | | | | | | | | | | | | | |
| June  2018 | Mushroom production | Spawn preparation & Mushroom production | 1 | 2 | 50 | ON | 8 | 3 | 11 | 5 | 2 | 7 | 8 | 2 | 10 | 28 |
| July 2018 | Bee-keeping | Proper technique of Bee-keeping | 1 | 10 | 200 | ON | 8 | - | 8 | 5 | 3 | 8 | 6 | 3 | 8 | 25 |
|  |  |  | **2** |  | **250** |  | **18** | **3** | **21** | **10** | **5** | **15** | **13** | **5** | **18** | **73** |

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| **IV. LIVESTOCK PRODUCTION & MANAGEMENT** | | | |  |  |  |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| June 2018 | Goat rearing | | Care and management of goat for meat | 1 | 15 | 225 | ON | | 6 | | 3 | | 9 | | 8 | | 2 | | 10 | | 8 | | 2 | | 10 | | 29 | |
| June 2018 | Piggery | | Care and management of swine | 1 | 5 | 75 | ON | | 6 | | 3 | | 9 | | 3 | | - | | 3 | | 8 | | 2 | | 10 | | 22 | |
| Oct. 2018 | Poultry production | | Care and management of broilers under deep litter system | 1 | 5 | 75 | ON | | 8 | | 2 | | 10 | | 7 | | 2 | | 9 | | 6 | | 2 | | 8 | | 27 | |
| Jan. 2019 | Dairying | | Care and management of dairy animal | 1 | 5 | 75 | ON | | 6 | | 2 | | 8 | | 7 | | 2 | | 9 | | 6 | | 2 | | 8 | | 25 | |
|  |  | |  | **4** |  | **450** | **ON** | | **26** | | **10** | | **36** | | **25** | | **6** | | **31** | | **28** | | **8** | | **36** | | **103** | |
| **V. HOME SCIENCE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dec 2018 | Income generation Teady bear | | Making of Teady bear | 1 | 6 | 90 | ON | | 6 | | 3 | | 9 | | 8 | | 2 | | 10 | | 8 | | 2 | | 10 | | 29 | |
| Jan. 2019 | Mushroom training | | Straw sterilisation,spawn spreading,packeting | 1 | 5 | 150 | ON | | 6 | | 3 | | 9 | | 3 | | - | | 3 | | 8 | | 2 | | 10 | | 22 | |
|  |  | |  | **2** |  | **240** |  | | **12** | | **6** | | **18** | | **11** | | **2** | | **13** | | **16** | | **4** | | **20** | | **51** | |
| **VI. SOIL SCIENCE**  April Testing of soil Soil Sample collection, 1 2 26 ON 6 4 10 5 2 7 6 2 8 25  2018 labeling & packing | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jun  2018 | | Integrated Nutrient Management | INM techniques for pulses and oil seeds | 1 | 3 | 66 | | ON | | 8 | | 2 | | 10 | | 7 | | 2 | | 9 | | 8 | | 2 | | 10 | | 29 |
| Aug.  2018 | | Production and use of organic | Organic farming | 1 | 1 | 35 | | OFF | | 7 | | 3 | | 10 | | 5 | | 2 | | 7 | | 6 | | 2 | | 8 | | 25 |
| Oct.  2018 | | Integrated Nutrient managemnt | Sulphur and Phosphate Management in oilseeds crop | 2 | 3 | 60 | | ON | | 9 | | 3 | | 12 | | 7 | | 2 | | 9 | | 6 | | 4 | | 10 | | 31 |
| Nov.  2018 | | Integrated Nutrient managemnt | INM for Rabi pulses and oilseeds | 1 | 2 | 50 | | OFF | | 10 | | 2 | | 12 | | 5 | | 2 | | 7 | | 5 | | 3 | | 8 | | 27 |
| Dec.  2018 | | Integrated Nutrient managemnt | INM techniques for wheat | 1 | 3 | 60 | | OFF | | 8 | | 2 | | 10 | | 6 | | 2 | | 8 | | 7 | | 2 | | 9 | | 27 |
| Jan.  2019 | | Micronutrient Deficiency symptoms in crop | Symptoms & Management of Boron & Molybdenum in Cabbage and Cauliflower | 1 | 2 | 60 | | ON | | 9 | | 2 | | 11 | | 7 | | 2 | | 9 | | 5 | | 3 | | 8 | | 28 |
| Feb.  2019 | | Micronutrient Deficiency symptoms in crop | Symptoms & Management of Boron & Molybdenum in Cabbage and Cauliflower | 1 | 2 | 40 | | ON | | 7 | | - | | 7 | | 10 | | 5 | | 15 | | 5 | | 5 | | 10 | | 32 |
| Mar.  2019 | | Testing of Soil | Soil sample collection labeling & packing | 1 | 2 | 48 | | OFF | | 7 | | 3 | | 10 | | 5 | | 2 | | 7 | | 6 | | 2 | | 8 | | 25 |
|  |  | |  | **10** | **20** | **335** |  | | **71** | | **21** | | **92** | | **57** | | **21** | | **78** | | **54** | | **25** | | **79** | | **249** | | |
| **VII. EXTENSION EDUCATION** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dec 2018 | Formation and management of SHGs | | Formation and management of SHGs | 1 | 6 | 90 | ON | | 6 | | 3 | | 9 | | 8 | | 2 | | 10 | | 8 | | 2 | | 10 | | 29 | | |
| Jan. 2019 | Entrepreneurial development of farmers youth | | Entrepreneurial development of farmers youth | 1 | 5 | 150 | ON | | 9 | | 3 | | 12 | | 3 | | - | | 3 | | 8 | | 2 | | 10 | | 25 | | |
|  |  | |  | **2** |  | **240** |  | | **15** | | **6** | | **21** | | **11** | | **2** | | **13** | | **16** | | **4** | | **20** | | **54** | | |

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| **Disci-**  **pline/**  **Qrt/**  **Month** | | **Thematic area** | **Course Title** | **No. of course** | **Dura**  **tion/ Days** | **Total No. of trainee days** | **Venue On/**  **Off** | **Others** | | | **SC** | | | **ST** | | | **Grand total** |
|  | |  |  |  |  |  |  | M | W | T | M | W | T | M | W | T |  |
| **ExtensionFunctioneries**  **I. CROP RODUCTION** | | | | | | | | | | | | | | | | | |
| Sep.  2018 | Use of biofertiliser | | Different bio fertilizer | 1 | 3 | 33 | ON | 6 | 4 | 10 | 5 | 2 | 7 | 6 | 2 | 8 | 25 |
| 1. **PLANT PROTECTION** | | | | | | | | | | | | | | | | | |
| Oct. 2018 | INM for different crops | | INM for different crops | 1 | 3 | 33 | ON | 8 | 2 | 10 | 7 | 2 | 9 | 8 | 2 | 10 | 29 |
| **II. HORTICULTURE** | | | | | | | | | | | | | | | | | |
| Nov. 2018 | Integrated crop management | | Bio control agents in vegetable farming | 1 | 2 | 90 | OFF | 7 | 3 | 10 | 5 | 2 | 7 | 6 | 2 | 8 | 25 |
| Dec.  2018 | Integrated crop management | | Bio control agents in vegetable farming | 1 | 1 | 32 | OFF | 9 | 3 | 12 | 7 | 2 | 9 | 6 | 4 | 10 | 31 |
| Jan. 2019 | Mali Training | | Fruits and Vegetable plants cutting, Buding Pruining | 1 | 15 | 150 | ON | 10 | 2 | 12 | 5 | 2 | 7 | 5 | 3 | 8 | 27 |
| Cultivation of vegetables in Poly House | 1 | 2 | 20 | ON | 8 | 2 | 10 | 6 | 2 | 8 | 7 | 2 | 9 | 27 |
|  |  | |  | **2** |  | **30** |  | **48** | **16** | **64** | **35** | **12** | **47** | **38** | **15** | **53** | **164** |
| **III. LIVESTOCK PRODUCTION & MANAGEMENT** | | | | | | | | | | | | | | | | | |
| Nov. 2018 | Vocations for increasing income of farmers and farm women | |  | 1 | 3 | 45 | ON | 6 | 3 | 9 | 8 | 2 | 10 | 8 | 2 | 10 | 29 |
|  | 1 | 1 | 15 | ON | 9 | 3 | 12 | 3 | - | 3 | 8 | 2 | 10 | 25 |
|  |  | |  | **2** |  | **60** | **-** | **15** | **6** | **21** | **11** | **2** | **13** | **16** | **4** | **20** | **54** |
| **IV. HOME SCIENCE** | | | | | | | | | | | | | | | | | |
| Jan  2019 | Mushroom Production | | Sterilization of straw by hot water method, spawning on sterilized straw, opening of spawned bags at right time harvesting of mushroom cleaning, packing drying | 1 | 2 | 30 | ON | 6 | 4 | 10 | 5 | 2 | 7 | 6 | 2 | 8 | 25 |
| **V. SOIL SCIENCE** | | | | | | | | | | | | | | | | | |
| Jun  2018 | Integrated Nutrient Management | | INM techniques for pulses and oil seeds | 1 | 3 | 66 | ON | 8 | 2 | 10 | 7 | 2 | 9 | 8 | 2 | 10 | 29 |
| Dec.  2018 | Testing of Soil | | Soil sample collection labeling & packing | 1 | 2 | 40 | ON | 7 | 3 | 10 | 5 | 2 | 7 | 6 | 2 | 8 | 25 |

**VI. EXTENSION EDUCATION**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Jun  2018 | PRAfor agriculture | PRAfor agriculture | 1 | 3 | 81 | ON | 9 | 3 | 12 | 7 | | 2 | 9 | 6 | 4 | 10 | 31 |
| Dec.  2018 | Formation & Management of SHGs | Formation & Management of SHGs | 1 | 2 | 50 | ON | 10 | 2 | 12 | 5 | 2 | | 7 | 5 | 3 | 8 | 27 |
|  |  |  | 2 | 5 | 106 |  | **40** | **14** | **54** | **29** | **10** | | **39** | **31** | **13** | **44** | **137** |

**FRONT LINE DEMONSTRATION ON OILSEED CROP**

**(KHARIF 2018 & RABI SUMMER 2018-19)**

|  |  |  |  |
| --- | --- | --- | --- |
| **A** | **GROUNDNUT** |  |  |
| 1 | Season | : | Kharif 2018 |
| 2 | Zone | : | Central & North Eastern Plateaue  Region |
| 3 | State | : | Jharkhand |
| 4 | District | : | DEOGHAR |
| 5 | Crop | : | Groundnut |
| 6 | Previous Crop | : | Fallow (Summer 2017) |
| 7 | Cropping system | : | Groundnut - Rai - Fallow  Groundnut - Wheat - Fallow  Groundnut-Potato-Summer vegetable |
| 8 | Thematic area : Farming situation  Land type  Soiltype | :  :  : | Rainfed  Upland  Sandyloam |
| 9 | Proposed area of demonstration | : | 30.0 ha |
| 10 | Crop variety | : | TPG-41 |
| 11 | Sowing time | : | 15th June 2018 to 15th July 2018 |
| 12 | Proposed block of demonstration | : | Mohanpur |
| 13 | Name of the village to be adopted | : | Nawadih |
| 14 | No. of demonstration | : | 75 |
| 15 | No. of cluster | : | 2 |
| 16 | No. of training | : | 5 |
| 17 | No. of follow up | : | 6 |
| 18 | No of field day | : | 2 |
| 19 | No. of farmers meeting | : | 4 |

|  |  |  |  |
| --- | --- | --- | --- |
| S.N | Component (Item) | Cost  (Rs.) | Farmers Share |
| 1 | Treated seed | 120000.00 | Field Preperation |
| 2 | Fertilizer NPK (kg/ha) 25:50:20 | - | Weeding |
| 3 | Biofertilizer | - | Harvesting |
| 4 | Liming | - | Thershing |
| 5 | Need based plant protection | - |  |
|  |  | 120000.00 |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **B. TORIA** |  |  |  |
| 1 | Season | : | Rabi 2018-19 |
| 2 | Zone | : | Central & North Eastern Plateau  Region |
| 3 | State | : | Jharkhand |
| 4 | District | : | Deoghar |
| 5 | Crop | : | Toria |
| 6 | Previous Crop | : | Upland paddy, blackgram  (Kharif 2017) |
| 7 | Cropping system | : | Upland paddy-Toria-Fallow  Blackgram-Toria-Fallow |
| 8 | Thematic area : Farming situation  : Land type  : Soiltype | : | Rainfed  Upland  Red & Sandyloam |
| 9 | Proposed area of demonstration | : | 30.0 ha. |
| 10 | Crop variety | : | NDR-8501 |
| 11 | Sowing time | : | Sept. 2018 |
| 12 | Proposed block of demonstration | : | Devipur |
| 13 | Name of the village to be adopted | : | Tilljori |
| 14 | No. of demonstration | : | 130 |
| 15 | No. of cluster | : | 2 |
| 16 | No. of training | : | 2 |
| 17 | No. of follow up | : | 6 |
| 18 | No of field day | : | 2 |
| 19 | No. of farmers meeting | : | 4 |

|  |  |  |  |
| --- | --- | --- | --- |
| S.N | Component (Item) | Cost  (Rs.) | Farmers Share |
| 1 | Treated seed | 60000.00 | Field Preperation |
| 2 | Fertilizer NPK (kg/ha) 40:20:20(15 ha) |  | Weeding |
| 3 | Biofertilizer |  | Harvesting |
| 4 | Organic fertilizer |  | Thershing |
| 5 | Need based plant protection chemicals |  |  |
|  |  | 60000.00 |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **C.** | **SESAMUM** |  |  |
| 1 | Season | : | Rabi Summer 2018-19 |
| 2 | Zone | : | Central & North Eastern Plateaue  Region |
| 3 | State | : | Jharkhand |
| 4 | District | : | Deoghar |
| 5 | Crop | : | Greengram |
| 6 | Previous Crop | : | Fallow (Summer 2017) |
| 7 | Cropping system | : | Greengram-Toria/Rai- Fallow  Blackgram-Gram- Fallow  Greengram- Wheat- Fallow |
| 8 | Thematic area : Farming situation  : Land type  : Soiltype | :  :  : | Rainfed  Upland  Red soil & Sandyloam |
| 9 | Proposed area of demonstration | : | 20.0 ha |
| 10 | Crop variety | : | G – 1 |
| 11 | Sowing time | : | 15th Feb. 2019 to 15th March 2019 |
| 12 | Proposed block of demonstration | : | Sonaraithari |
| 13 | Name of the village to be adopted | : | 2 |
| 14 | No. of demonstration | : | 20 |
| 15 | No. of cluster | : | 2 |
| 16 | No. of training | : | 2 |
| 17 | No. of follow up | : | 6 |
| 18 | No of field day | : | 2 |
| 19 | No. of farmers meeting | : | 2 |

|  |  |  |  |
| --- | --- | --- | --- |
| S.N | Component (Item) | Cost  (Rs.) | Farmers Share |
| 1 | Treated seed | 25000.00 | Field Preperation |
| 2 | Fertilizer NPK (kg/ha) 18:46:20 | - | Weeding |
| 3 | Biofertilizer- Rhizobium culture | - | Harvesting |
| 4 | Lime | - | Thershing |
| 5 | Need based plant protection IPM |  |  |
|  | **Total cost of demonstration** | **25000.00** |  |

**FRONTLINE DEMONSTRATION ON PULSES CROP**

**(KHARIF 2018 & RABI SUMMER 2018-19)**

|  |  |  |  |
| --- | --- | --- | --- |
| **A.** | **PIGEON PEA** |  |  |
| 1 | Season | : | Kharif 2018 |
| 2 | Zone | : | Central & North Eastern Plateaue  Region |
| 3 | State | : | Jharkhand |
| 4 | District | : | Deoghar |
| 5 | Crop | : | Redgram |
| 6 | Previous Crop | : | Fallow (Summer 2017) |
| 7 | Cropping system | : | Redgram – Fallow |
| 8 | Thematic area : Farming situation  : Land type  : Soiltype | :  :  : | Rainfed  Upland  Sandyloam |
| 9 | Proposed area of demonstration | : | 30.0 ha |
| 10 | Crop variety | : | NDA-1 |
| 11 | Sowing time | : | 15th June 2018 to 15th July 2018 |
| 12 | Proposed block of demonstration | : | Deoghar, Sonaraithari |
| 13 | Name of the village to be adopted | : | Khijuria |
| 14 | No. of demonstration | : | 80 |
| 15 | No. of cluster | : | 2 |
| 16 | No. of training | : | 2 |
| 17 | No. of follow up | : | 2 |
| 18 | No of field day | : | 2 |
| 19 | No. of farmers meeting | : | 2 |

|  |  |  |  |
| --- | --- | --- | --- |
| S.N | Component (Item) | Cost  (Rs.) | Farmers Share |
| 1 | Treated seed | 10000.00 | Field Preperation |
| 2 | Fertilizer NPK (kg/ha) 18:46:20 (6 ha) | - | Weeding |
| 3 | Organic fertilizer | - | Harvesting |
| 4 | Lime | - | Threshing |
| 5 | Biofertilizer- Rhizobium culture  - Phosphobactrin | - |  |
| 6 | Need based plant protection (4 ha) | - |  |
|  | **Total cost of demonstration** | **10000.00** |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **B.** | **CHICKPEA (GRAM)** |  |  |
| 1 | Season | : | Rabi 2018-19 |
| 2 | Zone | : | Central & North Eastern Plateaue  Region |
| 3 | State | : | Jharkhand |
| 4 | District | : | Deoghar |
| 5 | Crop | : | Chickpea (Gram) |
| 6 | Previous Crop | : | Upland Paddy/Urd & Maize |
| 7 | Cropping system | : | Upland paddy - Gram - Fallow  Urd - Gram - Fallow  Maize - Gram - Summer Veg. |
| 8 | Thematic area : Farming situation  : Land type  : Soiltype | :  :  : | Irrigated  Upland  Sandyloam |
| 9 | Proposed area of demonstration | : | 30.0 ha |
| 10 | Crop variety | : | JAKI-9218 |
| 11 | Sowing time | : | October 2018 |
| 12 | Proposed block of demonstration | : | Devipur |
| 13 | Name of the village to be adopted | : | Madanpur |
| 14 | No. of demonstration | : | 80 |
| 15 | No. of cluster | : | 2 |
| 16 | No. of training | : | 2 |
| 17 | No. of follow up | : | 2 |
| 18 | No of field day | : | 2 |
| 19 | No. of farmers meeting | : | 2 |

|  |  |  |  |
| --- | --- | --- | --- |
| S.N | Component (Item) | Cost  (Rs.) | Farmers Share |
| 1 | Treated seed | 225000.00 | Field Preperation |
| 2 | Fertilizer NPK (kg/ha) 18:46:20 | - | Weeding |
| 3 | Biofertilizer- Rhizobium culture | - | Harvesting |
| 4 | Lime | - | Thershing |
| 5 | Need based plant protection IPM |  |  |
|  | **Total cost of demonstration** | **225000.00** |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **C.** | **GREENGRAM** |  |  |
| 1 | Season | : | Rabi Summer 2018-19 |
| 2 | Zone | : | Central & North Eastern Plateaue  Region |
| 3 | State | : | Jharkhand |
| 4 | District | : | Deoghar |
| 5 | Crop | : | Greengram |
| 6 | Previous Crop | : | Fallow (Summer 2018) |
| 7 | Cropping system | : | Greengram-Toria/Rai- Fallow  Blackgram-Gram- Fallow  Greengram- Wheat- Fallow |
| 8 | Thematic area : Farming situation  : Land type  : Soiltype | :  :  : | Rainfed  Upland  Red soil & Sandyloam |
| 9 | Proposed area of demonstration | : | 20.0 ha |
| 10 | Crop variety | : | SML-668 |
| 11 | Sowing time | : | 15th Feb. 2019 to 15th March 2019 |
| 12 | Proposed block of demonstration | : | Deoghar |
| 13 | Name of the village to be adopted | : | Chandpur |
| 14 | No. of demonstration | : | 80 |
| 15 | No. of cluster | : | 2 |
| 16 | No. of training | : | 2 |
| 17 | No. of follow up | : | 6 |
| 18 | No of field day | : | 2 |
| 19 | No. of farmers meeting | : | 2 |

|  |  |  |  |
| --- | --- | --- | --- |
| S.N | Component (Item) | Cost  (Rs.) | Farmers Share |
| 1 | Treated seed | 70000.00 | Field Preperation |
| 2 | Organic fertilizer | - | Weeding |
| 3 | Biofertilizer - Rhizobium culture  - Phosphobactrin | - | Harvesting |
| 4 | Lime | - | Thershing |
| 5 | Need based plant protection |  |  |
|  | **Total cost of demonstration** | **70000.00** |  |

**ON FARM TRIAL (KHARIF & RABI 2018-19)**

**A. CROP/ENTERPRISE- Paddy, Season - Kharif 2018**

1. Title of OFT : Performance of Rice under different weed control methods in medium

land condition

2. Problem Diagnose : Low yield of rice due to poor organic carbon content & high infestation of weeds.

3. Hypothesis formulated : Improvement in soil condition through manuring.

4. Details of technologies selected for assessment/refinement –

**FP - (T0)** Broadcasted Paddy along with manual weeding.

**Tech. Opt. 2 - (T1)** Line sowing of paddy + Dhaincha in between rice rows followed by incorporation in

soil at 30 DAS with weeder

**Tech. Opt. 1 – (T2)** Line sowing of paddy after Broadcasted Dhaincha followed by 2,4 – D @ 0.5 kg/ha

at 30 DAS (Brown Manuring).

**Tech. Opt. 3 - (T3)** Line sowing of paddy with application of Nominee Gold 100 ml/ha at 20 DAS

1. Source of Technology : BAU, Ranchi
2. Farming situation : (a) Soil type - Sandy loam

(b) Land type - Midland

(c) Source of Irrigation - Rainfed

7. Experiment as design : RBD

8 No. of farmers / Replication : 10

9. Total area : 0.144x10= 1.4

10. Critical inputs required Seed (Vandana) + DAP + SSP + MOP

11. Total cost

12. Parameter : (a) OC, N, P and K status of soil initial and after harvest of crop

(b) Yield attributes and yield.

(e) Economics

**B. CROP/ENTERPRISE – Pulse**

1. Title of OFT : Efficacy of bio & chemical insecticides for

management of Pigeon pea pod borer (*Helicoverpa armigera)*

1. Problem Diagnose : Low productivity of Pigeon pea due to attack of pod borer.
2. Hypothesis as formulated : Bio – pesticide are very effective to control of pod borer.
3. Intervention Identified :

5. Source of technology : Birsa Agricultural University, Ranchi (Jharkhand)

6. Experiment as design : RBD

7. Critical inputs required :

8. Total cost : 10000.00

9. Treatments - No. of farmers Area (ha)

10 0.96

FP - Pigeon pea alone used with locally available chemical

Tech. Opt. 1 - Spray of quinalphos 25% @ 2 ml/lit – 1st at the time of 50%

flowering stage 2nd at the time of pod initiation stage.

Tech. Opt. 2 - Spray of *pseudomonas fluorescence* @ 2 gm/lit – 1st at the time of 50%

flowering stage 2nd at the time of pod initiation stage.

11. Observation :

1. Date of sowing
2. Insect incidence (%)
3. Yield & Economics

**C. CROP/ENTERPRISE- MUSHROOM**

1. Title of OFT : Performance of different cultures for better

mushroom production.

2. Problem Diagnose : Low productivity through available local culture.

3. Hypothesis as formulated: Suitable culture

4. Intervention Identified : To evaluate the efficiency of culture of different location**.**

5. Source of technology : Birsa Agricultural University, Ranchi (Jharkhand)

6. Experiment as design : RBD with Seven Replication

7. Critical inputs required :

8. Total cost : 10000.00

9. Production system : Rainfed rice based production system**.**

10. Treatments - No. of farmers Area (ha)

FP - Available culture 10

Tech. Opt. 1- Pleurotus florida (Harp, Palandu, Jharkhand)

Tech. Opt. 2- Pleurotus sajor-caju (Harp, Palandu, Jharkhand)

11. Critical input: culture, Spawn, Chemical and other miscellaneous.

12. Observation :

**A) Technical indicator**

1. Infestension (Bhinda No.)

2. Production of fruiting body after Baging (days/kg)

3. Acceptability of people.

**b) Economical indicator**

Cost of production (Rs / kg)

Gross of return (Rs / kg)

NET return (Rs/ Kg)

B:C Ratio

**D. Buck**

**Thematic area - Feed management.**

1. Title of OFT : Comparative efficacy of Dewormer and Probiotics along

with Farmer’s practice in Bucks.

2. Problem as identified : Poor growth rate of buck

3. Hypotheses as formulated : Deworming and probiotic feeding will improve the growth

rate.

4. Intervention identified : Conventional starch, leaves and jackfruit feeding

5. Source of technology : Veterinary College Ranchi, Birsa Agricultural University,

Ranchi

6. Experiment as design : RBD

7. Critical inputs required Dewormer and Probiotic and conventional feeding.

8. Total cost Rs. 10,000.00

9 Treatment No. of farmers No. of bucks

10 20

FP - Conventional feed like - starch, leaves and jackfruits etc.

Tech. Opt. 1 - FP with Dewormer at every 3 month intervals

Tech. Opt. 2 – FP with Probiotic (@5g/day) for 6 months

Tech. Opt. 3 – FP with Dewormer + Probiotic (@5g/day) for 6 months

10. Observations -

(a). Increase in body weight of buck.

(b). Increase in Haemoglobin level.

**E. Poultry**

**Thematic area - Feed management.**

1. Title of OFT : **Comparative efficacy of Azolla with compared to Mineral**

**mixture in Poultry and the eggs.**

2. Problem as identified : Less and small eggs due to poor growth rate of poultry.

3. Hypothesis as formulated : To improve body weight and egg production for better

return.

4. Intervention identified : Lack of proper nutrition.

5. Source of technology : Veterinary College Ranchi, Birsa Agricultural University,

Ranchi

6. Experiment as design : RBD

7. Critical inputs required : Azolla, mineral mixture and household feed

8. Total cost 10,000.00

9. Treatment No. of farmers No. of Poultry

10 20

FP- Household food waste

Tech. Opt. 1 - FP with Azolla @ 200 g/day/poultry for up to 1 month

Tech. Opt. 2 –mineral mixture @ dose rate of 5 g/day/kg body weight.

10. Observation -

* (a). Body weight gain (weekly interval for one months)
* (b). Quantity and weight gain in eggs.

(c). Egg colour pigmentation for better market rate.

**F. CROP/ENTERPRISE- Backyard composting**

1. Title of OFT : Assessment of improved backyard composting methods.

2. Problem Diagnose : Low nutrient status of the compost .

3.Hypothesis formulated :Improvement of quality compost through backyard composting methods.

4. Details of technologies selected for assessment/refinement –

FP – Dumping of cow dung and household/ field wastes in heaps.

Tech. Opt. 1 – Dumping of cow dung and household/ field wastes mixing with DAP @ 500gm/m2 after filling every feet of pit of 2m x 1m x 1m size.

Tech. Opt. 2 - Dumping of cow dung and household/ field wastes mixing with DAP @ 500gm/m2 after filling every feet + PSB, Azatobacter and Trichoderma @ 1 packet each/pit of 2m x 1m x 1m size.

5. Source of Technology : BAU, Ranchi

6. Critical inputs required DAP + Azatobactor +Trichoderma + PSB +Cow dung + household.

7. Parameter : (a) Time taken in composting.

(b) Nutrient status of the compost (pH, N, P, K).

**Extension Activities (2018-19)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Nature of Extension Activity** | **No. of activities** | **Farmers** | | | **Extension Officials** | | | **Total** | | |
| **Male** | **Female** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** |
| Field day | 11 | 55 | 35 | 90 | 15 | - | 15 | 70 | 35 | 105 |
| Kisan Mela | 1 | 200 | 100 | 300 | 25 | 10 | 35 | 225 | 110 | 335 |
| Kisan Ghosthi | 15 | 61 | 25 | 86 | 5 | 6 | 10 | 66 | 30 | 96 |
| Exhibition | 2 | 112 | 56 | 168 | 15 | 5 | 20 | 127 | 61 | 188 |
| Film show | 15 | 100 | 150 | 250 | - | - | - | 100 | 150 | 250 |
| Method Demonstrations | 2 | 6 | 2 | 8 | 2 | - | 2 | 8 | 2 | 10 |
| Farmers Seminar | - | - | - | - | - | - | - | - | - | - |
| Workshop | - | - | - | - | - | - | - | - | - | - |
| Group mettings | 10 | 110 | 39 | 149 | - | - | - | 110 | 39 | 149 |
| Lectures delivered as  resource persons | 15 | 450 | 50 | 500 | - | - | - | 450 | 50 | 500 |
| Newspaper coverage | 15 | - | - | - | - | - | - | - | - | - |
| Radio talks | 5 | - | - | - | - | - | - | - | - | - |
| Tv talks | 7 | - | - | - | - | - | - | - | - | - |
| Popular articles | 10 | - | - | - | - | - | - | - | - | - |
| Extension Literature | 2 | - | - | - | - | - | - | - | - | - |
| Advisory services | 15 | 55 | 39 | 94 | - | - | - | 55 | 29 | 94 |
| Scientific visit to  farmers field | 90 | 150 | 50 | 200 | - | - | - | 150 | 50 | 200 |
| Farmers visit to KVK | 51 | 150 | 50 | 200 | - | - | - | 150 | 50 | 200 |
| Diagnostic visits | 15 | 35 | 15 | 50 | 5 | - | 5 | 40 | 15 | 55 |
| Exposure visits | - | - | - | - | - | - | - | - | - | - |
| Ex-trainees Sammelan | 1 | 75 | 25 | 100 | 5 | - | 5 | 80 | 25 | 105 |
| Soil health Camp | 50 | 50 | - | 50 | - | - | - | 50 | - | 50 |
| Animal Health Camp | 15 | 95 | 15 | 110 | 2 | - | 2 | 97 | 15 | 112 |
| Agri Mobile clinic | - | - | - | - | - | - | - | - | - | - |
| Soil test campaigns | 2 | 15 | 5 | 20 | - | - | - | 15 | 5 | 20 |
| Farm Science Club  Conveners meet | 5 | 25 | 10 | 35 | - | - | - | 25 | 10 | 35 |
| Self Help Group  Conveners meetings | 6 | 20 | 70 | 90 | - | - | - | 20 | 70 | 90 |
| Mahila Mandals  Conveners meetings | 5 | - | 60 | 60 | - | - | - | - | 60 | 60 |
| Celebration of  important days  (Technology Week) | 1 | 50 | 50 | 100 | 200 | 50 | 250 | 250 | 150 | 400 |
| Any Other (Specify) | - | - | - | - | - | - | - | - | - | - |
| **Total** | **366** | **1814** | **856** | **2670** | **274** | **70** | **394** | **2088** | **956** | **3044** |