# PROFORMA FOR ANNUAL REPORT OF KVKS, 2015-16

## 1. GENERAL INFORMATION ABOUT THE KVK

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

| Address | Telephone | | E mail |
|---|---|---|---|
| | Office | FAX | |
| Krishi Vigyan Kendra,<br>Assam Agricultural University,<br>Simaluguri, Nagaon, Assam<br>Pin: 782002 | 03672-225384 | 03672-225384 | **kvk_nagaon@aau.ac.in** |

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

| Address | Telephone | | E mail |
|---|---|---|---|
| | Office | FAX | |
| Assam Agricultural University,<br>Jorhat, Assam<br>Pin- 785013 | 0376-2340013 | 0376-2340001 | vc@aau.ac.in |

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

| Name | Telephone / Contact | | |
|---|---|---|---|
| | Residence | Mobile | Email |
| Dr. Niranjan Deka<br>Programme Coordinator | - | 94350-66297 | kvk_nagaon@aau.ac.in |

1.4. Year of sanction: As remandated ZRS: February, 2000, As full flagged: April, 2004

1.5. Staff Position (As on 31st March, 2016):

| Sl. No. | Sanctioned post | Name of the incumbent | Designation | Discipline | Pay Scale (Rs.) | Present basic (Rs.) | Date of joining | Permanent/ Temporary | Category (SC/ ST/ OBC/ Gen) |
|---|---|---|---|---|---|---|---|---|---|
| 1. | Programme Coordinator | Dr. Niranjan Deka | PC | Entomology | 37400-67000 | 68660 | 04.07.04 | Permanent | Gen |
| 2. | Subject Matter Specialist | Ms. Seema Bhagowati | SMS | Soil Science | 15600-39100 | 26590 | 10.11.08 | Permanent | Gen |
| 3. | Subject Matter Specialist | Ms. Sibani Das | SMS | Horticulture | 15600-39100 | 25050 | 10.11.08 | Permanent | SC |
| 4. | Subject Matter Specialist | Ms. Priyanka Nath | SMS | Home Science | 15600-39100 | 26590 | 12.11.08 | Permanent | OBC |
| 5. | Subject Matter Specialist | Ms. Sinki Barman | SMS | Agril. Economics | 15600-39100 | 21630 | 03.02.14 | Permanent | Gen |
| 6. | VACANT | - | SMS | - | 15600-39100 | - | - | - | - |
| 7. | VACANT | - | SMS | - | 15600-39100 | - | - | - | - |
| 8. | Programme Assistant | Mr. Dhiren Nath | P A | Fishery Sc. | 8000-35000 | 23170 | 23.11.08 | Permanent | OBC |
| 9. | Computer Programmer | Mr. Deepak Kr. Goswami | P A (Comp.) | Computer | 8000-35000 | 18360 | 01.12.08 | Permanent | Gen |
| 10. | Farm Manager | Mr. Nayan Jyoti Bordoloi | Farm Manager | Agriculture | 8000-35000 | 17820 | 10.12.09 | Permanent | Gen |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 11. | Accountant/ Supdt. | Mr. Luhit Baruah | Acountant | Agri-Bussiness | 8000-35000 | 13290 | 10.11.14 | Permanent | Gen |
| 12. | Stenographer | Ms. Pranita Deka | Jr. Steno cum comp operator | - | 5200-20200 | 9310 | 21.02.12 | Permanent | OBC |
| 13. | Driver | Mr. Mahesh Senapati | Driver | - | 5200-20200 | 8430 | 05.01.10 | Permanent | OBC |
| 14. | Driver | Mr. Robin Borah | Driver | - | 5200-20200 | 8430 | 14.03.12 | Permanent | OBC |
| 15. | Supporting staff | Mr. Som Chandra Bora | Grade-IV | - | 5200-20200 | 11600 | 01.03.06 | Permanent | OBC |
| 16. | Supporting staff | Mr. Bhuban Ch. Deka | Grade-IV | - | 4560-15000 | 10630 | 01.03.06 | Permanent | OBC |

1.6. a. Total land with KVK (in ha) : **13.0 ha**

b. Total Cultivable Land with KVK (in ha) : 8.0 ha

c. Total cultivated land (in ha) : 7.5 ha

| **Sl. No.** | **Item** | **Area (ha)** |
|---|---|---|
| 1 | Under Buildings | 0.86 ha |
| 2. | Under Demonstration Units | 1.1 ha |
| 3. | Under Crops (Cereals, Pulses, Oilseeds, etc.) | 7.44 ha |
| 4. | Under Vegetables | 0.06 ha |
| 5. | Under Agro forestry unit | 0.36 ha |
| 6. | Others | - |
| 6.1 | Uncultivable land near boundary wall, buildings, fishery unit & roads and drains | 2.06 ha |
| 6.2 | Under roads and drains | - |
| 6.3 | Cultivable land | 8.5 ha |
| Total | | **13.0 ha** |

1.7. Infrastructural Development:

A) Buildings

| S. No. | Name of building | Source of funding | Stage | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Complete | | | Incomplete | | |
| | | | Completion Date | Plinth area (Sq.m) | Expenditure (Rs.) | Starting Date | Plinth area (Sq.m) | Status of construction |
| 1. | Administrative Building | Construction of Administrative building of KVK, Nagaon is completed. | | | | | | |
| 2. | Farmers Hostel | No facility. Presently Attached with RARS, Shillongani | | | | | | |
| 3. | Staff Quarters (6) | No facility. Presently Attached with RARS, Shillongani | | | | | | |
| 4. | Demonstration Units (8 nos.) | RKVY | Mar, 2012 | - | - | - | - | Completed |
| 5 | Fencing | - | - | - | - | - | - | - |
| 6 | Threshing floor | RKVY | - | - | - | - | - | Completed |
| 7 | Farm godown | RKVY | Mar, 2012 | - | - | - | - | Completed |
| 8 | New storage Godown | RKVY | 2014 | - | - | - | - | Completed |

B) Vehicles

| Type of vehicle | Regd. No. | Year of purchase | Cost (Rs.) | Total kms. Run | Present status |
|---|---|---|---|---|---|
| Jeep | AS 03E 0035 | 2006 | 490503.00 | 96598 | Needs replacement |
| Tractor | AS 02B 2704 | 2003 | 297213.00 | 3650 (meter not working at present) | Not working properly needs replacement of a new tractor along with a tractor trolley. |

C) Equipments & AV aids

| Name of the equipment | Year of purchase | Cost (Rs.) | Present status |
|---|---|---|---|
| **I. Soil & Water testing Equipments** | | | |
| Auto Analyzer | 2007 | 248484.00 | Good |
| Mechanical Shaker (150ml cap) | 2007 | 22278.00 | Good |
| Water Distillation Set | 2007 | 39280.00 | Good |
| Plant Sample Grinder | 2007 | 15750.00 | Good |
| Spectrophotometer | 2007 | 26424.00 | Good |
| pH meter | 2007 | 8307.00 | Good |
| Conductivity meter | 2007 | 9757.00 | Good |
| Hot plate | 2007 | 3375.00 | Good |
| Pen pH meter | 2007 | 3000.00 | Good |
| Chemical Balance | 2007 | 32500.00 | Good |
| Physical Balance ( 5.0kg) | 2007 | 4500.00 | Good |
| Physical Balance (2.5 kg) | 2007 | 3000.00 | Good |
| Mechanical Shaker | 2007 | 18563.00 | Good |
| Hot Air Oven | 2007 | 21330.00 | Good |
| Flame Photo meter | 2007 | 25301.00 | Good |
| Refrigerator | 2008 | 14062.00 | Good |
| Laminar flow | 2011 | 57930.00 | Good |
| Hot air oven | 2011 | 36888.00 | Good |
| BOD incubator | 2011 | 122131.00 | Good |
| Autoclave | 2011 | 93638.00 | Good |
| Rotary Checker | 2011 | 28375.00 | Good |
| Electronic Balance | 2011 | 9591.00 | Good |
| Pocket Ph Meter | 2011 | 2270.00 | Good |

| List of farm equipment | Year of purchase | Cost (Rs.) | Remarks |
|---|---|---|---|
| Power tiller | 2009 | 273022.00 | Good |
| Motorized Knapsack | 2009 | 22360.00 | Good |
| Mechanized brush cutter | 2009 | 28000.00 | Good |
| Multipurpose Power weeder | 2009 | 42078.00 | Good |
| Power paddy weeder | 2009 | 36254.00 | Good |
| Earth Augar | 2009 | 56749.00 | Good |
| 8 row self propelled rice transplanter | 2009 | 188198.00 | Good |
| Knapsack power duster back cushion and padded shoulder strap | 2009 | 7696.00 | Good |
| Knapsack Sprayer (Brass)-16 lits. | 2009 | 2100.00 | Good |
| Rota vator | 2009 | 191610.00 | Good |
| Fingerling catching net | 2009 | 19912.00 | Good |
| Drag net | 2009 | 42300.00 | Good |
| Pump set | 2009 | 17670.00 | Good |

| | | | |
|---|---|---|---|
| Disc Harrow | 2009 | 35256.00 | Good |
| Disc plough | 2009 | 27030.00 | Good |
| Puddler | 2009 | 25896.00 | Good |
| Chaft cutter | 2009 | 15496.00 | Good |
| Spring tyne cultivator | 2009 | 29744.00 | Good |
| Power sprayer pump | 2009 | 9708.00 | Good |
| Accessories of power tiller | 2009 | 112820.00 | Good |
| Monoblock Pumpset | 2009 | 3744.00 | Good |
| Paddle operated paddy thresher | 2009 | 11250.00 | Good |
| Seed Cleaner | 2009 | 325476.00 | Good |
| Sprinkler irrigation system | 2009 | 71000.00 | Good |
| Wheel barrow | 2010 | 5175.00 | Good |
| Sealing Machine | 2012 | 2838.00 | Good |
| Dripkit | 2012 | 958.00 | Good |

1.8. A). Details of SAC meeting* conducted in the year 2015-16:

| Sl. No. | Date | Name and Designation of Participants | Salient Recommendations | Action taken on last SAC recommendation |
|---|---|---|---|---|
| 1. | 19.06.16 | 1. Dr. G. N. Hazarika, Director of Research (Agri)<br>2. Dr. H. C. Bhattacharyya, Director of Extension Education, AAU, Jorhat-13<br>3. Dr. Rajumoni Bordoloi, Scientist, ZPD unit, Zone-III, ICAR, Barapani<br>4. Dr. P. K. Das, CS, RARS & I/C PC, Nagaon<br>5. D Pangging, DAO, Nagaon.<br>6. Dr. A K Deka, PC, KVK, Karbi Anglong<br>7. Sri Rajiv Kumar Gogoi, DFO, Social Forestry ,Nagaon<br>8. Dr. Rejaul Karim, SDAVO, Dept. of Veterinary, Nagaon<br>9. Sri Ghana Sonowal, Supdt. Eng., Nagaon Circle<br>10. Sri Ashok Bhattacharya, Programme Executive, AIR, Nagaon<br>11. Mrs. Sangeeta Borthakur, District Social Welfare Officier, Nagaon<br>12. Sri Arup Bharali, Functional Manager, DI&CC, Nagaon<br>13. Sri Atul Chandra Hazarika, DFDO, Dept of Fishery Nagaon | • 1. Bulletin of Floriculture and Strawberry are to be developed by KVK Scientist.<br>• An Exposure visit of farmers on marketing and packaging to Jorhat should be taken up.<br>• Backyard Poultry farming training and FLD to be done for local egg supply like Kamrupa , Kalinga.<br>• Skill training for Entrepreneurship development on input production like vermicompost, azolla, biopesticide.<br>• Developing Adopted villages in special area/ enterprise.<br>• Publication of leaflets , SMS service and to develop a contingency plan under Plant Protection.<br>• OFT and economic analysis on neem coated urea and normal urea to be done by RARS and KVK. Source of Technology SAC-2016<br>• Skill development training is to be given to the Extension Functionaries on Flower cultivation. | |

| | | | | |
|---|---|---|---|---|
| | | 14. Er. Sunil Gogoi, Assit. Executive Engineer, Nagaon<br>15. Mrs Renu Mahanta, Entrepreneur, Samuguri, Nagaon<br>16. Mrs Rinku Dutta Saikia, Maj Jajori, SHG, Nagaon<br>17. Sri. Bhabamoni Saikia, Maj Jajori, Farmer, Nagaon<br>18. Sri Pradeep Deka, Farmer, Phuloguri, Nagaon<br>19. Sri Achinta Sarma, NGO , Shristi Jute Products, Nagaon<br>20. Sri Jatin Chandra Das, Farmer<br>21. Sri Hardhan Biswas, Farmer<br>22. Dr Hirendra Das, Farmer<br>23. Sri Dipu Bhuyan, Farmer<br>24. Sri Amarjit Goswami, Farmer<br>25. Sri Tankeswar Bordoloi, Farmer | • Fruit Preservation training are required to be given to the interested Women SHG groups.<br>• Amla candy field demonstration to be given<br>• Seed Production by KAS and FMC are to encouraged and KVK, RARS to assist them in getting certification.<br>• 3 days training and cluster development, FPO under Fishery at Phuloguri to be done.<br>• Seed Production technology awareness programme to be taken up. | |

## ACTION TAKEN REPORT OF SCIENTIFIC ADVISORY COMMITTEE MEETING HELD ON 19th March 2016

| Sl No | Suggestion of the SAC | Action Taken |
|---|---|---|
| 1 | To include pheromone trap in tomato crop against fruit borer | FLD on Pheromone trap has been taken.<br>- Dr. N. Deka, PC (Ento.) |
| 2 | A method demonstration on Magur culture in 2 X 3 meter cemented pool in collaboration with Fishery Deptt. | Visited the proposed farmer plot along with FEO, Nagaon and FLD is proposed.<br>- D. Nath P A (Fishery) |
| 3 | VCD making on Mushroom Cultivation as skill development | VCD has been developed<br>- Ms. D. Dutta, SMS (PP) & Dr. N Deka, PC(Ento.) |
| 4 | Planting material generation on Turmeric in KVK Farm | Planting material generation on Turmeric in KVK Farm was taken up.<br>- Ms. S. Das, SMS(Horti) |
| 5 | Method Demonstration on Cage Culture in natural water bodies to enhance productivity. | Demonstration on cage culture has been taken up.<br>– Mr. D. Nath, PA (Fishery) |
| 6 | Emphasis on commercialization of floriculture in farmers field | FLD on Gerbera and FLD on Gladiolus have been taken up.<br>- S. Das, SMS (Horticulture) |

| | | |
|---|---|---|
| 7 | Demonstration of Amla Candy preparation using local Amla | FLD on preparation of Amla Candy has been taken up.<br>- P. Nath, SMS(Home Science) |
| 8 | Seven days Skill Development training on Cutting and Tailoring for different SHG's | A Vocational training of 10 days duration will be conducted<br>- P. Nath, SMS(Home Science) |

## 2. DETAILS OF DISTRICT

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

| Sl.No | Farming systems /enterprises |
|---|---|
| 1. | Agri – Horti |
| 2. | Agri – Horti –Dairy |
| 3. | Agri – Horti –Fishery |
| 4. | Agri – Horti – Poultry |
| 5 | Agri – Horti – Piggery |
| 6 | Agri – Horti –Fishery – Duckery |
| 7 | Agri – Seri – Piggery |

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

| Sl.No | Agro-climatic Zone | Characteristics |
|---|---|---|
| 1. | Central Brahmaputra Valley Zone | The zone is consisted of two districts with four Agricultural Sub-divisions viz. Nagaon, Raha, Hojai and Kaliabor in Nagaon and one sub division in Morigaon district. The major physiographic variations of the zone are low hills; piedmont and high land areas, flood plain, char lands and swampy areas. The climate of the zone is generally humid sub-tropical (hot and wet in summer and cool in winter). The relative humidity is about 37% in the month of February /March and about 80% in other months. The zone receives mean annual rainfall of 1800 mm with five winter months having rainfall less than 100 mm. The monsoon commences from March and intensity gradually increases up to August and then declines to the minimum during November/ December. During rainy season, Water supply goes above water need and excess water causes stagnation and flood in many areas. In winter water table recedes beyond root zone of the field crops. The maximum temperature rises up to 38 $^{0}$ C in July-August and minimum falls to 8 $^{0}$ C in January. |

### 2.3 Soil types

| No | Soil type | Characteristics | Area in ha |
|---|---|---|---|
| 1 | Clayey<br>Typic Hapludults | Very deep, well drained, clayey soils occurring on moderately slopping side slopes of hills having loamy surface with moderate erosion hazards | 16.8 |
| 2 | Fine<br>Typic Hapludalfs | Very deep, well drained, fine soils occurring on gently to undulating upland having loamy surface with moderate erosion hazards | 56.0 |
| 3 | Fine Dystric Eutrochrepts | Very deep, moderately well drained, fine soils occurring on undulating upland having loamy surface with moderate | 113.6 |

| | | | |
|---|---|---|---|
| | | erosion hazards | |
| 4 | Fine<br>Aeric Haplaquepts | Very deep, moderately well drained, fine soils occurring on very gently to gently sloping plain having clayey surface with slight erosion and slight flood hazards | 237.9 |
| 5 | Coarse loamy<br>Aquic Udifluvents | Very deep, imperfectly drained, coarse loamy soils occurring on gently sloping plain having coarse loamy surface with very slight erosion hazards | 257.9 |
| 6 | Fine loamy<br>Aquicn Dystric Eutrochrepts | Very deep, moderately well drained, fine loamy soils occurring on very gently sloping plain having loamy surface with slight erosion and slight flood hazards | 261.3 |
| 7 | Fine Ruptic Alfic Eutrochrepts | Very deep, moderately well drained, coarse loamy soils occurring on undulating upland having sandy surface with severe erosion hazards | 25.3 |
| 8 | Fine loamy<br>Typic Dystrochrepts | Very deep, well drained, fine loamy soils occurring on gently sloping to undulating upland having loamy surface with moderate erosion hazards | 190.9 |
| 9 | Fine loamy<br>Typic Dystrochrepts | Very deep, well drained, fine loamy soils occurring on undulating upland having loamy surface with slight erosion hazards | 18.2 |
| 10 | Fine loamy<br>Aeric Haplaquepts | Very deep, poorly drained, fine loamy soils occurring on gently sloping sub due plain having clayey surface with slight erosion hazards | 52.1 |
| 11 | Fine silty<br>Aeric Haplaquepts | Very deep, poorly drained, fine silty soils occurring on nearly leveled flood plain having loamy surface with slight erosion and moderate flood hazards | 65.5 |
| 12 | Coarse loamy<br>Typic Fluvaquents | Deep, poorly drained, coarse loamy soils occurring on nearly leveled flood plain having loamy surface with slight erosion and moderate flood hazards | 105.0 |
| 13 | Coarse silty<br>Typic Udifluvents | Deep, well drained, coarse silty soils occurring on active flood plain having loamy surface with moderate erosion and severe flood hazards | 161.9 |

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

| Sl.No | Crop | Area (ha) | Production (MT) | Productivity (q/ha) |
|---|---|---|---|---|
| 1 | Winter rice | 132567 | 315158 | 2415 |
| 2 | Summer rice | 66700 | 250125 | 3750 |
| 3 | Autumn rice | 32950 | 78421 | 2380 |
| 4 | Wheat | 4815 | 6163 | 1280 |
| 5 | Jute | 12500 | 28215 | 2250 |
| 6 | Sugarcane | 7446 | 322835 | 47870 |
| 7 | Green gram | 1478 | 1094 | 740 |
| 8 | Black gram | 3145 | 2705 | 860 |
| 9 | Pea | 4343 | 3605 | 830 |
| 10 | Lentil | 1753 | 1122 | 640 |
| 11 | Toria | 27276 | 23457 | 860 |
| 12 | Sesamum | 1112 | 634 | 570 |

**(b) Area, Production and Productivity of major Horticultural crops cultivated in the district**

| Sl.No | Crop | Area (ha) | Production (MT) | Productivity (q/ha) |
|---|---|---|---|---|
| 1 | Potato | 8783 | 160290 | 1825 |
| 2 | Fruit crops | 15635 | 234124 | 1555 |

| | | | | |
|---|---|---|---|---|
| 3 | Kharif vegetables | 9926 | 156037 | 1572 |
| 4 | Rabi vegetables | 15176 | 307162 | 2024 |
| 5 | Spices and Condiments | 67251 | 20628 | 3300 |

### 2.5. Weather data

| Month | Rainfall (mm) | Temperature $^0$ C | | Relative Humidity (%) ( Maximum) |
|---|---|---|---|---|
| | | Maximum | Minimum | |
| April, 2015 | 74.2 | 32.6 | 19.6 | 75.7 |
| May, 2015 | 183.9 | 31.6 | 22.8 | 85.6 |
| June, 2015 | 203.6 | 32.7 | 25.8 | 86.0 |
| July, 2015 | 329.1 | 33.0 | 26.0 | 89.0 |
| Aug, 2015 | 259.6 | 31.1 | 26.0 | 86.0 |
| Sept, 2015 | 349.9 | 31.4 | 25.1 | 88.0 |
| Oct, 2015 | 22.7 | 31.5 | 23.1 | 84.0 |
| Nov, 2015 | 0.0 | 28.7 | 18.2 | 89.9 |
| Dec, 2015 | 0.0 | 26.1 | 15.6 | 68.9 |
| Jan, 2015 | 0.0 | 24.7 | 11.3 | 89.1 |

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

| Category | Population | Production | Productivity |
|---|---|---|---|
| **Cattle** | | | |
| *Crossbred* | 56,771 | 10529130 lit | 2.13 lit/da |
| *Indigenous* | 8,02,443 | 28354101 lit | 0.628 lit/da |
| **Buffalo** | 12,663 | 5996903 lit | 8.71 lit/da |
| **Sheep** | | | |
| Crossbred | | | |
| *Indigenous* | 12,395 | 3882 kg | 20 kg/yr |
| **Goats** | 3,56,954 | 393860 kg | 20 kg/yr |
| **Pigs** | | | |
| *Crossbred* | 16,363 | 309538 kg | |
| *Indigenous* | 58,510 | | 65 kg/yr |
| **Rabbits** | 27 | | |
| **Poultry** | | | |
| Hens | | | |
| *Desi* | 1176122 | Egg: 18416746nos., | Egg: 70 nos./year, Meat: 2.62 |
| *Improved* | 10674 | Meat: 282203 kg | Egg: 150 nos./year, Meat: 2.65 |
| Ducks | 505585 | Egg: 8920483nos Meat: 51588 kg | Egg: 80nos./year, Meat: 2.60 |
| Turkey and others | | | |

| **Category** | **Area** | **Production** | **Productivity** |
|---|---|---|---|
| Fish | 40204 ha | 29350 MT/year | 0.73 MT |

**2.7 Details of Operational area / Villages (2015-16)**

| Sl. No. | Taluk/ Eleka | Name of the block | Name of the village | Major crops & enterprises | Major problem Identified | Identified thrust area |
|---|---|---|---|---|---|---|
| 1. | Nagaon | Raha | Metaka | Rice, Green gram, Toria, Fishery | Gaps in adoption of improved production practices | 1.Introduction of improved varieties 2.Productivity Enhancement 3.Nutrient Management 4.Fish Production, |
| 2. | Nagaon | Lumding | Kaki | Sali rice, plantation crop | -do- | 1.Introduction of improved varieties, 2.Productivity Enhancement 3. Nutrient Management |
| 3. | Nagaon | Lumding | Rani pukhuri | Sali rice, vegetables, dairy | -do- | 1.Introduction of improved varieties, 2.Productivity Enhancement 3. Nutrient Management |
| 4. | Nagaon | Samaguri | Purani Gudam | Rice,Toria,vegetables, Fishery | -do- | 1. Nutrient Management 2.Integrated Pest Management 3.Fish Production, 4. Entrepreneurship Development 5. Fish Production, |
| 5. | Nagaon | Kathiatali | Rangalu | Rice, Vegetables, Fishery | -do- | 1. Nutrient Management 2.Integrated Pest Management 3. Livestock management, 4. Entrepreneurship Development 5. Fish Production, |
| 6. | Nagaon | Bajiagaon | Naam Koroiani | Rice, Toria, pulses | -do- | 1. Nutrient Management 2. Integrated Pest Management 3..Fish Production, 4. Entrepreneurship Development |
| 7. | Nagaon | Bajiagaon | Telia Pahukata | Rice, Toria, Green gram, | -do- | 1.Nutrient Management 2.Integrated Pest Management 3.Emphasis on Pulses and Oilseeds crops, |
| 8. | Nagaon | Khagorijan | Amtola | Paddy,Vegetables, Fishery | -do- | 1.Nutrient Management 2. Integrated Pest Management 3.Fish Production, |

| | | | | | | |
|---|---|---|---|---|---|---|
| 9. | Nagaon | Kaliabar | Naltoli | Rice,jute, Dairy, Fishery | -do- | 1.Introduction of improved varieties, 2.Productivity Enhancement 3.Nutrient Management 4.Emphasis on Pulses and Oilseeds crops, 5.Livestock management 6. Fish Production,, |
| 10. | Nagaon | Raha | Dubaritoli | Sugarcane, Pulses, Fishery | -do- | 1.Introduction of improved varieties, 2.Productivity Enhancement 3.Nutrient Management 4. Integrated Pest Management 5.Emphasis on Pulses and Oilseeds crops 6. Fish Production,, |
| 11. | Nagaon | Dalonghat | Juria | Rice,Jute | -do- | 1. Nutrient Management 2. Integrated Pest Management 3.Fish Production, 4. Entrepreneurship Development 5. Fish Production, |
| 12. | Nagaon | Kathiatali | Kathiatoli | Pulses, Sugarcane | -do- | 1.Introduction of improved varieties, 2. Nutrient Management 3. Integrated Pest Management 4. Entrepreneurship Development |
| 13. | Nagaon | Raha | Niz Dimow | Fishery, Rice | -do- | 1.Introduction of improved varieties 2. Nutrient Management 3. Integrated Pest Management 4.Fish Production, |
| 14. | Nagaon | Khagorijan | Kashamari | Rice, Vegetables, Pulses | -do- | 1.Productivity Enhancement 2. Integrated Pest Management 3.Emphasis on Pulses and Oilseeds crops |

| | | | | | | |
|---|---|---|---|---|---|---|
| 15. | Nagaon | Khagorijan | Raidongia | Rice, Pulses, Oilseeds | -do- | 1.Introduction of improved varieties, 2.Productivity Enhancement 3. Nutrient Management 4.Integrated Pest Management 5.Emphasis on Pulses and Oilseeds crops, 6. Entrepreneurship Development |
| 16. | Nagaon | Khagorijan | Bamungaon | Pulses,Toria | -do- | 1.Introduction of improved varieties, 2.Productivity Enhancement 3. Nutrient Management 4.Integrated Pest Management 5.Emphasis on Pulses and Oilseeds crops, 6. Entrepreneurship Development |
| 17. | Nagaon | Pakhimoria | Jamuguri | Rice, Toria, Goatary | -do- | 1.Productivity Enhancement 2.Integrated Pest Management 3.Emphasis on Pulses and Oilseeds crops, 4.Livestock management, 5. Entrepreneurship Development |
| 18. | Nagaon | Khagorijan | Bamungaon | Rice, Sugarcane | -do- | 1.Introduction of improved varieties, 2.Productivity Enhancement 3. Nutrient Management 4. Entrepreneurship Development |
| 19. | Nagaon | Raha | Khaigarh | Pulses, Toria, Rice, Fishery | -do- | 1.Productivity Enhancement 2.Integrated Pest Management 3.Fish Production, |
| 20. | Nagaon | Odali | Gatanga | Rice, Jute, Vegetables | -do- | 1.Introduction of improved varieties, 2.Productivity Enhancement 3.Nutrient Management 4.Integrated Pest Management 5. Entrepreneurship Development |

## 3. TECHNICAL ACHIEVEMENTS

### 3. A. Details of target and achievements of mandatory activities by KVK during 2015-16

| Discipline | OFT (Technology Assessment and Refinement) | | | | FLD (Oilseeds, Pulses, Maize, Other Crops/Enterprises) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | Number of OFTs | | Number of Farmers | | Number of FLDs | | Number of Farmers | |
| | Targets | Achievement | Targets | Achievement | Targets | Achievement | Targets | Achievement |
| Agronomy | 2 | 9 | 6 | 26 | 2 | 2 | 3 | 3 |
| Horticulture | 2 | 2 | 6 | 6 | 4 | 4 | 9 | 11 |
| Plant Protection | 2 | 2 | 2 | 2 | 2 | 2 | 12 | 12 |
| Fisheries Sc | 2 | 2 | 4 | 4 | 3 | 2 | 6 | 4 |
| Home Science | - | - | - | - | 3 | 3 | 4 SHG 50 Farm Women | 4 SHG 35 Farm Women |
| **Total** | **8** | **15** | **18** | **38** | **14** | **13** | **30** 4 SHG 50 Farm Women | **30** 4 SHG 35 Farm Women |

| Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit) | | | | | Extension Activities | | | |
|---|---|---|---|---|---|---|---|---|
| 3 | | | | | 4 | | | |
| Number of Courses | | | Number of Participants | | Number of activities | | Number of participants | |
| Clientele | Targets | Achievement | Targets | Achievement | Targets | Achievement | Targets | Achievement |
| Farmers | | | | | | | | |
| Rural youth | | | | | | | | |
| Extn. Functionaries | | | | | | | | |
| | | | | | | | | |
| Total | | | | | | | | |

| Seed Production (ton.) | | Planting material (Nos. in lakh) | |
|---|---|---|---|
| 5 | | 6 | |
| Target | Achievement | Target | Achievement |
| Sali rice = 120.0Q | 135.0 q | Turmeric = 2.0 q | 4.0 q |
| Toria = 18.0 q | 18.0 q | | |
| Blackgram =5.0 q<br>Greengram = 5.0 q | 1.17 q<br>1.7 q | | |
| Dhaincha = 1.8 q | 2.04 q | | |

Note: Target set during last Action Plan Workshop

### 3. B. Abstract of interventions undertaken during 2015-16

| Sl. No | Thrust area | Crop/ Enterprise | Identified problems | Interventions | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Title of OFT if any | Title of FLD if any | Title of Training if any | Title of training for extension personnel if any | Extension activities | Supply of seeds, planting materials etc. |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Agronomy | | | | | | | | | |
| 1 | Varietal performance | Sali Rice | Low yield | Performance of promising Sali Rice Varieties | NA | - | NA | Training | Seeds, fert. & pesticides |
| 2 | Nutrient management | Blackgram | Low yield | Application of Sulphur in Blackgram var. PU-31 | NA | - | NA | Training | Seeds, fertilizers & pesticides |
| 3 | Varietal performance | Lentil | Low yield due to lately sowing of lentil | Performance of lentil varieties under rice-utera condition | NA | - | NA | Training | Seeds, fert. & pesticides |
| 4 | Varietal performance | Linseed | Low yield | Evaluation of Linseed varieties under rice-utera Condition | NA | - | NA | Training | Seeds, fert. & pesticides |
| 5 | Weed management | Lentil | 30-40% yield reduction due to weed | Weed management in lentil var. KLS-218 | NA | - | NA | Training | Seeds, fert. & pesticides |
| 6 | Varietal performance | Toria | Delayed sowing of toria due to late harvest of Sali rice | Performance of late sown toria var TS 67 | NA | - | NA | Training | Seeds, fert. & pesticides |
| 7 | Weed Management | Blackgram | 30-40% yield reduction due to weed | IWM in summer Blackgram var. PU 31 | NA | - | NA | Training | Seeds, fert. & pesticides |
| 8 | Weed Management | Greengram | 30-40% yield reduction due to weed | IWM in summer Greengram var. Pratap | NA | - | NA | Training | Seeds, fert. & pesticides |
| 9 | Varietal performance | Jute | Low yield | Performance of Jute (Capsularis) var. NCJ 28-10 | NA | - | NA | Training | Seeds, fert. & pesticides |
| 10 | Integrated Nutrient management | Lentil | Imbalance use of fertilizers | NA | INM in Rajmah | - | NA | Training | Seeds, fert. & pesticides |
| 11 | Integrated Nutrient management | Rajmah | Imbalance use of fertilizers | NA | INM in Lentil | - | NA | Training | Seeds, fert. & pesticides |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Horticulture | | | | | | | | | |
| 1 | Nutrient Management | Banana | Improper fertilizer management practices | Stagewise requirement of N and K in banana | NA | Improved Production tech. of banana. | NA | Training, Method demonstration, field visit | Planting materials, Fertilizers,Plant protection |
| 2 | Varietal Performance | Onion | So far no seed production | Performance evaluation of onion varieties in Rabi season | NA | Improved production Technology of Onion | NA | Training, Demonstration ,field visit | Planting materials, Fertilizers,Plant protection |
| 3 | Varietal Performance | Broccoli | Low consumer preference | NA | Popularization of exotic veg crop Broccoli | Improved Production tech. of banana | NA | Training, Demonstration ,field visit | Planting materials, Fertilizers,Plant protection |
| 4 | Varietal Performance | Gerbera | Lack of knowledge ,awareness on varieties of gerbera | NA | Popularization of Gerbera Variety Redgem, Red Monarch,Orange gleam | Improved production Technology of Gerbera | NA | Training, Demonstration,field visit | Planting materials, Fertilizers,Plant protection |
| 5 | Varietal Performance | Gladiolus | Lack of knowledge ,awarness on varieties of Gladiolus | NA | Popularization of Gladiolus var Red candimen,White Prosperity,Novalex | Improved production Technology of flower crop Gladiolus | NA | Training, Demonstration,field visit | Planting materials, Fertilizers,Plant protection |
| 6 | Water Management | Tomato | Inadequate water | NA | Irrigation management in Tomato in STW commands | Improved production technology of tomato | NA | Training ,Demonstration, Field visit | Planting materials, Fertilizers,Plant protection |
| Plant Protection | | | | | | | | | |
| | IDM | Sali paddy | Low yield | Control of False Smut disease in Sali Rice | NA | - | NA | Training | Seeds,Fertilizer and Chemical |
| | IDM | Green gram | Low yield | Control of Web blight disease in greengram | NA | | NA | Training, Method demonstration | Seeds,Fertilizer and Chemical |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | IPM | Tomato | Low yield | NA | IPM of Tomato Friut Borer | - | NA | Training, Demo | Chemicals,Pheromone Trap |
| | Pest Management | Greengram | Storage pests damage | NA | Storage pests Management in Greengram | - | NA | Training, Demo | Blackpepper powder |
| Home Science | | | | | | | | | |
| 1 | Storage techniques (grains/ fruits/ fishes/ meat etc) | Ginger | Lack of knowledge and skill in to prevent seasonal loss | NA | Popularization of preparation of processed products from Ginger | Role Preservatives in processing and different methods of processing like sundrying, slow cooking etc. | - | Method Demonstration on Ginger Candy and Ginger Paste | Ginger, Sugar, Citric Acid etc. |
| 2 | Storage techniques (grains/ fruits/ fishes/ meat etc) | Amla | Lack of knowledge and skill in to prevent seasonal loss | NA | Popularizing the method of Amla Candy by SHG | Different methods of Amla Candy Preparation | - | Method Demonstration on Amla Candy | Amla, Sugar, Spices etc. |
| 3 | Energy saving tools/ devices | Maize | Lack of awarenes s on use of women friendly tools | NA | Popularization of maize shellar in the district | - | - | Demonstration on the use of Maize Sheller | Maize Sheller |
| Fishery | | | | | | | | | |
| 1 | Fisheries | Fish farming | Low production of local rohu | Production performance of Jayanti rohu | | | | | |
| 2 | Fisheries | Fish farming | Low production of local common carp | Production performance of Amur carp | | | | | |
| 3 | Fisheries | Fish farming | Low income from Sali paddy | | Synchronous refuge pond system of rice-fish farming | | | | |
| 4 | Fisheries | Fish farming | Under utilized of natural resources | | Popularization of Cage culture in beels. | | | | |

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

### 3.1 Achievements on technologies assessed and refined during 2015-16

A.1 Abstract of the number of technologies **assessed*** in respect of crops/enterprises

| Thematic areas | Cereals | Oilseeds | Pulses | Commercial Crops | Vegetables | Fruits | Flower | Plantation crops | Tuber Crops | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|
| Varietal Evaluation | 1 | 2 | 1 | 1 | | 1 | | | | 6 |
| Weed Management | | | 2 | | | | | | | 2 |
| Drudgery reduction | 1 | | | | | | | | | 1 |
| Value addition | | | | | | 1 | | | | 1 |
| Integrated Pest Management | 1 | | 1 | | | | | | | 2 |
| Small Scale income generating enterprises | | | | | | | | | 1 | 1 |
| Nutrient Management | | | | | | 1 | | | | 1 |

* *Any new technology, which may offer solution to a location specific problem but not tested earlier in a given micro farming situation.*

A.2. Abstract of the number of technologies **refined*** in respect of crops/enterprises **NA**

| Thematic areas | Cereals | Oilseeds | Pulses | Commercial Crops | Vegetables | Fruits | Flower | Plantation crops | Tuber Crops | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|
| Varietal Evaluation | | | | | | | | | | |
| Integrated Nutrient Management | | | | | | | | | | |
| **TOTAL** | | | | | | | | | | |

***** *Technology that is refined in collaboration with ICAR/SAU Scientists for improving its effectiveness.*

A.3. Abstract of the number of technologies **assessed** in respect of livestock / enterprises **NA**

| Thematic areas | Cattle | Poultry | Sheep | Goat | Piggery | Rabbitary | Fisheries | TOTAL |
|---|---|---|---|---|---|---|---|---|
| Evaluation of Breeds | | | | | | | | |
| Feed and Fodder | | | | | | | | |
| Small Scale income generating enterprises | | | | | | | | |
| **TOTAL** | | | | | | | | |

A.4. Abstract on the number of technologies **refined** in respect of livestock / enterprises **NA**

| Thematic areas | Cattle | Poultry | Sheep | Goat | Piggery | Rabbitry | Fisheries | TOTAL |
|---|---|---|---|---|---|---|---|---|
| Evaluation of Breeds | | | | | | | | |
| Feed and Fodder | | | | | | | | |
| Small Scale income generating enterprises | | | | | | | | |
| **TOTAL** | | | | | | | | |

**A.5. Results of On Farm Testing:**

| Sl. No. | Title of OFT | Problem Diagnosed | Name of Technology Assessed | Crop/Cropping system/ Enterprise | No. of Trials | Results of Assessment/ Refined (Data on the parameter should be provided) | Feedback from the farmer | Feedback to the Researcher | B.C . Ratio (if applicable) |
|---|---|---|---|---|---|---|---|---|---|
| **Horticulture** | | | | | | | | | |
| 1 | 1.Stagewise requirement of N and K in banana | Improper fertilizer management practices | **$T_1$:**110gN and 330g K2O/plant applied in 3 splits doses<br>1)60% of N at planting to5 mths.<br>2)20% of N at shooting<br>3)20% of N at last hand opening to harvest<br>4)40% of K at shooting 60% at last hand opening to one month before harvest.<br>33gm P2O5 applied at 3 months after planting<br>**$T_2$:** 110gN and 330g K2O and 33gm<br>**T3** :Farmers practice | Banana | 3 | **Technology**<br><br>**T1 T2**<br>Bunch wt kg/ha<br>T1 12.20 T2 9.3<br>No of hands/bunch<br>T1 8.6 T2 7.4<br>No of fingers /hand<br>T1 35.4 T2 32.5<br>Yield (q/ha)<br>T1 227 T2 210<br><br>**Farmers Practice T3**<br>Bunch wt kg/h 7.80<br>No of hands/bu 6.2<br>No of fingers /hand 28.9<br>Yield (q/ha) 190 | Satisfied with the performance of the technology | | $T_1$: 3.6<br>$T_2$: 3.3<br><br>F.P : 2.7 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2 | Performance evaluation of onion varieties in Rabi season | So far no onion seed production | **Technology:**<br>**$T_1$:**Agrifound dark red<br>**$T_2$**:Agrifound light red<br>**T3**:N53 | Onion | 3 | **Technology**<br>**T1 T2 T3**<br>Plant height(cm) 36.20 25.60 37.30<br>No of leaves /plant 9.80 7.40 12.60<br>Weight of bulb(gm) 65.80 56.62 62.50<br>Yield (q/ha) 172 153 163 | Satisfied with the technology | - | **T1**:3.3<br>**T2**:3.0<br>**T3**:2.8 |
| **Fishery** | | | | | | | | | |
| 1 | Production performance of Jayanti rohu. | Low production of local rohu | | Fish | $T_1$ = 100% Jayanti rohu<br>$T_2$ = 50% Jayanti rohu + 50% local rohu<br>$T_3$ = FP | | | | On going |
| 2 | Production performance of Amur carp. | Low production of local common carp | | Fish | $T_1$ = 100% Amur carp<br>$T_2$ = 50% Amur carp + 50% local common carp<br>$T_3$ = FP | | | | On going |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Agronomy** | | | | | | | | | |
| 1 | Performance of promising Sali Rice Varieties | Low yield | $V_1$: Kmj SH-1<br>$V_2$: Kmj SH-2<br>$V_3$: LC | Sali Rice | 3 | Average Yield (q/ha)<br>$V_1$ : 48.0<br>$V_2$: 46.5<br>$V_3$: 43.5 | Satisfied with the performance of the variety | - | $V_1$ : 2.10<br>$V_2$: 2.02<br>$V_3$: 1.89 |
| 2 | Application of Sulphur in Blackgram var. PU-31 | Low yield | $T_1$: Farmer's Practice<br>$T_2$: State recommendation (N:P2O5:K2O= 15:35:15 kg/ha)<br>$T_3$: Developed package | Blackgram | 5 | Average Yield (q/ha)<br>$T_1$ : 7.0<br>$T_2$: 9.3<br>$T_3$: 10.4 | Satisfied with the performance of the technology | - | $T_1$ : 2.08<br>$T_2$: 2.49<br>$T_3$: 2.53 |
| 3 | Performance of lentil varieties under rice-utera condition | Low yield due to moisture stress | $V_1$: HUL-57<br>$V_2$: KLS-218<br>$V_3$:Local var | Lentil | 3 | Average Yield (q/ha)<br>$V_1$ : 9.63<br>$V_2$ : 8.83<br>$V_3$ : 7.50 | Satisfied with the performance of the variety | - | $V_1$ : 2.95<br>$V_2$ : 2.71<br>$V_3$ : 2.30 |
| 4 | Evaluation of Linseed varieties under rice-utera Condition | Low yield due to moisture stress | $V_1$: Shekhar<br>$V_2$: Padmini<br>$V_3$: T-397 | Linseed | 3 | Average Yield (q/ha)<br>$V_1$ : 7.76<br>$V_2$ : 8.63<br>$V_3$ : 9.03 | Satisfied with the performance of the variety | - | $V_1$ : 1.63<br>$V_2$ : 1.81<br>$V_3$ : 1.90 |
| 5 | Weed management in lentil var. KLS-218 | 30-40% yield reduction due to weed | $T_1$: Pendimethalin @1kg/ha followed by one hand weeding<br>$T_2$: Pendimethalin @1kg/ha followed by one wheel hoeing<br>$T_3$: Farmer's practice | Lentil | 3 | Average Yield (q/ha)<br>$T_1$ : 9.34<br>$T_2$ : 8.32<br>$T_3$ :6.37 | Satisfied with the performance of the technology | - | $T_1$ : 2.50<br>$T_2$ : 2.36<br>$T_3$ :2.16 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | (One hand weeding at 30days after sowing) | | | | | | |
| 6 | Performance of late sown toria var TS 67 | Delayed sowing of toria due to late harvest of Sali rice | $V_1$: Var. TS 67<br>$V_2$: Var.TS 36 (as Check) | Toria | 3 | Average Yield (q/ha)<br>$V_1$ : 9.93<br>$V_2$: 8.27 | Satisfied with the performance of the variety | - | $V_1$ : 1.58<br>$V_2$ : 1.47 |
| 7 | IWM in summer Blackgram var. PU 31 | 30-40% yield reduction due to weed | $T_1$: 15kg N/ha as basal (P & K as recomd) + Pendimethalin @1kg/ha as pre-emergence + one hand weeding at 25-30 DAS<br>$T_2$: 7.5 kg N/ha as basal + 2% urea spray at 35-40 DAS (P & K as recomd) + Pendimethalin @1kg/ha as pre-emergence + one hand weeding at 25-30 DAS<br>$T_3$: Farmer's practice- 15kg N/ha as basal (P & K as recomd) + one hand weeding at 25-30 DAS | Black gram | 3 | On-going | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 8 | IWM in summer Greengram var. Pratap | 30-40% yield reduction due to weed | -do- | Greengram | 3 | On-going |
| 9 | Performance of Jute (Capsularis) var. NCJ 28-10 | Low yield | $V_1$: NCJ 28-10<br>$V_2$: JRC 321 | Jute | 3 | On-going |

**Plant Protection**

| Sl. No. | Title of OFT | Problem Diagnosed | Name of Technology Assessed | Crop/Cropping system/ Enterprise | No. of Trials | Results of Assessment/ Refined (Data on the parameter should be provided) | | Feedback from the farmer | Feedback to the Researcher | B.C Ratio (if applicable) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Control of false smut disease in Sali rice | False smut incidence | T1:Spraying of propiconazole 25 EC @ 1 ml/lit at 50% panicle emergence stage.<br>T2: Farmers practice (without chemical spray) | Sali Paddy | 02 | Technology | | Satisfied with the technology | - | Technology : 2.35<br>FP: 1.65 |
| | | | | | | 1.Grain yield | Loc1 :39.6<br>Loc2 :41.2<br>Av: 40.4q/ha | | | |
| | | | | | | 2. % Disease incidence | Loc1: 2.0<br>Loc2: 1.6<br>Av : 1.8% | | | |
| | | | | | | 3. % increase over control | 25.39% | | | |
| | | | | | | 4.Net return (Rs/ha) | 36141.00 | | | |
| | | | | | | Farmer Practice | | | | |
| | | | | | | 1.Grain yield | Loc1 : 34.16<br>Loc2 : 30.28<br>Av:32.22q/ha | | | |
| | | | | | | 2. % Disease | Loc1: 13 | | | |

<table>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>incidence</td><td colspan="4">Loc2 : 15.6<br>Av: 14.3%</td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>3.Net return (Rs/ha)</td><td colspan="4">26994.00</td><td></td><td></td><td></td></tr>
<tr><td></td><td>Control of web blight disease in green gram</td><td>Yield loss due to infection of disease</td><td>a) Seed treatment with Bioveer @ 10 gm/ 100 gm seed.<br>b) Soil application of Bioveer @ 1 kg/ 10 kg dried cowdung.<br>c) (a) + (b)</td><td>Greengram</td><td>02</td><td colspan="6">Technology</td><td>Satisfied with the technology</td><td></td><td>Technology : 2.98<br>FP: 1.56</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1.Grain yield (Qntl/Ha)</td><td></td><td>T1</td><td>T2</td><td>T3</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>L1</td><td>8.9</td><td>9.3</td><td>10.4</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>L2</td><td>8.5</td><td>8.7</td><td>12.6</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Av</td><td>8.7</td><td>9.0</td><td>11.5</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>2. % Disease incidence</td><td></td><td>T1</td><td>T2</td><td>T3</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>L1</td><td>6.9</td><td>7.3</td><td>1.2</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>L2</td><td>9.1</td><td>5.7</td><td>2.8</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Av</td><td>8.0</td><td>6.5</td><td>2.0</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>3. % increase over control</td><td>T1</td><td>T2</td><td>T3</td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2.22</td><td>2.33</td><td>3.26</td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>4.Net return (Rs/ha)</td><td colspan="4">51600.00</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td colspan="6">Farmer Practice</td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1.Grain yield (q/ha)</td><td colspan="4">L1 : 3.1<br>L2 : 4.3<br>Av:3.7</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>2. % Disease incidence</td><td colspan="4">Loc1: 78<br>Loc2 : 64<br>Av: 71%</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>3.Net return (Rs/ha)</td><td colspan="4">27000.00</td><td></td><td></td><td></td><td></td></tr>
</table>

**Field crops – ton/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermi compost kg/unit area.*
*** Give details of the technology assessed or refined and farmer's practice*

### 3.2 Achievements of Frontline Demonstrations during 2015-16

a. Follow-up for results of FLDs implemented during previous years
List of technologies demonstrated during previous year and popularized during 2014-15 and recommended for large scale adoption in the district

| Sl. No | Crop/ Enterprise | Technology demonstrated | Horizontal spread of technology | | |
|---|---|---|---|---|---|
| | | | No. of villages | No. of farmers | Area in ha |
| 1 | Lathyrus | Performance of lathyrus variety Ratan as relay crop after rice | 5 | 20 | 5 |

** Thematic areas as given in Table 3.1 (A1 and A2)*

b. Details of FLDs conducted during reporting period (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops**.)

| Sl. No. | Crop | Thematic area | Technology Demonstrated | Season and year | Area (ha) | | No. of farmers/ demonstration | | | Reasons for shortfall in achievement | Farming situation (Rainfed/ Irrigated, Soil type, altitude, etc) | Status of soil (Kg/ha) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | N | P | K |
| | | | | | Proposed | Actual | SC/ST | Others | Total | | | | | |
| 1. | Rajmah | Integrated Nutrient management | INM in Rajmah | Rabi, 2015 | 0.6 | 0.6 | 1 | 2 | 3 | NA | Rainfed Sandy loam soil | M | M | L |
| 2 | Lentil | Integrated Nutrient management | INM in Lentil | Rabi, 2015 | 0.6 | 0.6 | 1 | 2 | 3 | NA | Rainfad Sandy loam soil | L | M | L |
| 3 | Broccoli | Varietal evaluation | Popularization of exotic vegetable broccoli | Nov 2015 | 0.05 | 0.05 | - | 3 | 3 | NA | Irrigated sandy loam | M | L | M |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | to clay loam | | | |
| 4. | Gerbera | Varietal evaluation | Popularization of Gerbera Variety Redgem, Red Monarch,Orange gleam | Oct 2015 | 0.05 | 0.05 | 1 | 2 | 3 | NA | Irrigated sandy loam to clay loam | M | L | M |
| 5. | Gladiolus | Varietal evaluation | Popularization of Gladiolus var Red candimen, White Prosperity, Novalex | Nov 2015 | 0.05 | 0.05 | 2 | 1 | 3 | NA | Irrigated sandy loam to clay loam | M | L | M |
| 6. | Tomato | Water management | Irrigation management in tomato in STW commands | Nov 2015 | 0.02 | 0.02 | - | 2 | 2 | NA | Irrigated sandy loam to clay loam | M | L | M |
| 8. | Tomato | Integrated Pest Management of tomato fruit borer (*Helicorerpaar migera*) | IPM in tomato | Rabi 2015 | 0.78 | 0.78 | 3 | 3 | 6 | NA | Rainfed Sandy loam soil | M | M | L |
| 9. | Green gram | Storage pest management in greengram | Application of Black pepper powder @3gm/kg of seed followed by | Summer 2014-2015 | 150kg seed/farmer | 150kg seed/farmer | 2 | 4 | 6 | NA | Rainfad Sandy loam soil | M | M | L |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | bagging in poly bag covered with gunny bags | | | | | | | | | | | |

**c. Performance of FLD on Crops**

| Sl. No. | Crop | Thematic area | Area (ha.) | Avg. yield (Q/ha.) | | % increase in Avg. yield | Additional data on demo. yield (Q/ha, nos/ha.) | | Data on parameters other than yield, e.g., disease incidence, pest incidence etc. | | Econ. of demo. (Rs./ha.) | | | | Econ. of check (Rs./Ha.) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Demo. | Check | | H* | L* | Demo | Local | GC** | GR** | NR** | BCR** | GC | GR | NR | BCR |
| 1 | Rajmah | Integrated Nutrient management | 0.6 | 15.94 | 12.61 | 30.19 | 16.46 | 15.65 | No disease & pest | No disease & pest | 32814 | 63760 | 30946 | 1.94 | 32820 | 50440 | 17620 | 1.53 |
| 2 | Lentil | Integrated Nutrient management | 0.6 | 9.98 | 7.23 | 38.04 | 10.30 | 9.40 | No disease & pest | No disease & pest | 28828 | 54890 | 26062 | 1.91 | 28503 | 39765 | 11262 | 1.39 |
| 3 | Broccoli | Varietal evaluative | 0.05 | 72 | - | - | 74 | 62 | Disease incidence -5% | - | 72400 | 187200 | 114800 | 2.6 | - | - | - | |
| 4 | Gerbera | Varietal evaluative | 0.07 | 194800 | - | - | 243502 | 146200 | Disease incidence 10% | - | 132074 | 389600 | 257526 | 2.9 | | | | |
| 5 | Gladiolus | Varietal evaluative | 0.05 | 122534 | - | - | 122534 | 108362 | No Disease incidence | - | 122095 | 247068 | 124973 | 2.02 | - | - | - | - |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | Tomato | Water management | 0.02 | 282 | - | - | 322 | 254 | No disease incidence | - | 82300 | 225600 | 143300 | 2.7 | 89000 | 151200 | 62200 | 1.6 |

| Sl. No. | Crop | Thematic area | Area (ha.) | Avg. yield (Q/ha.) | | % increase in Avg. yield | Additional data on demo. yield (Q/ha.) | | Data on parameters other than yield, e.g., disease incidence, pest incidence etc. | | Econ. of demo. (Rs./ha.) | | | | Econ. of check (Rs./Ha.) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Demo. | Check | | H* | L* | Demo | Local | GC** | GR** | NR** | BCR** | GC | GR | NR | BCR |
| 1 | Green gram | Storage pest management | 150kg/Farmer | | % Infestation | | | Germination % | | | 5750 | 18900 | 13150 | 3.2 | 3760 | 9860 | 6100 | 2.6 |
| | | | | | 1st month | 3nd month | 6th month | Demo | Local | | | | | | | | | |
| | | | | Demo | Nil | Nil | Nil | Av: 86 | Av:9 | | | | | | | | | |
| | | | | Check | Av:17 | Av: 48 | Av:82 | | | | | | | | | | | |
| 2 | Tomato | Integrated Pest Management of tomato fruit borer | 0.78 | 280 | 190 | 47.37 | 305 | 255 | FB infestation =2.5% | FB infestation =14% | 80000 | 212000 | 132000 | 2.65 | 72000 | 143857 | 71857 | 2.01 |

*H-Highest recorded yield, L- Lowest recorded yield
** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio
Produce Sale Price must be as per MSP or Registered Marketing Society
Pl. apply the formula: Net Return= Gross Return-Gross Cost, BCR= GR/GC
*Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.*

**d. Extension and Training activities under FLD on Crops**

| Sl.No. | Activity | No. of activities organised | Date | Number of participants | | | Remarks |
|---|---|---|---|---|---|---|---|
| | | | | Gen | SC/ST | Total | |
| 1 | Field days | - | - | | | | |
| 2 | Farmers Training | 2 | 04.11.15<br>16.11.15 | 30 | 10 | 40 | Farmers Training |
| 3 | Media coverage | - | - | | | | |
| 4 | Training for extension functionaries | - | - | | | | |
| | Total | 2 | - | 30 | 10 | 40 | |

**e. Details of FLD on Enterprises NA**

(i) Farm Implements

| Name of the implement | Crop | No. of farmers | Area (ha) | Performance parameters / indicators | * Data on parameter in relation to technology demonstrated | | % change in the parameter | Remarks |
|---|---|---|---|---|---|---|---|---|
| | | | | | Demon. | Local check | | |
| | | | | | | | | |
| | | | | | | | | |

** Field efficiency, labour saving etc.*

**(ii) Livestock Enterprises NA**

| Sl. No. | Enterprise/ Category (e.g., Dairy, Poultry etc.) | Thematic area | Name of Technology | No. of farmers | No. of units | No. of animals, poultry birds etc. | Major Performance parameters / indicators | | % change in the parameter | Other parameters (if any) | | Econ. of demo. (Rs./Ha.) | | | | Econ. of check (Rs./Ha.) | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Demo | Check | | Demo | Check | GC** | GR** | NR** | BCR** | GC | GR | NR | BCR | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio
Produce Sale Price must be as per MSP or Registered Marketing Society
Pl. apply the formula: Net Return= Gross Return-Gross Cost, BCR= GR/GC

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

**(iii) Fisheries**

| Sl. No. | Category, e.g. Common carp, ornamental fish etc. | Thematic area | Name of Technology | No. of farmers | No. of units | No. of fish/ fingerlings | Major Performance parameters / indicators | | % change in the parameter | Other parameters (if any) | | Econ. of demo. (Rs./Ha.) | | | | Econ. of check (Rs./Ha.) | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Demo | Check | | Demo | Check | GC** | GR** | NR** | BCR** | GC | GR | NR | BCR | |
| 1 | IMC | Integrated farmig | Synchronous | 2 | 2 | 1000 | Paddy yield= 60 q/ | Paddy yield= 50 q/ | 13 | Fish yield= 10q/ | nil | 70,000.00 | 1,74,0 | 1,04,0 | 2.48 | 40,000.00 | 70,000.00 | 30,000.00 | 1.75 | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | refuge pond system of rice fish farming | | | | ha | ha | | ha | | | 00.00 | 00.00 | | | | | |
| 2 | IMC | Cage culture | Popularization of Cage culture in Beels | 2 | 2 | IMC fingerling @ 10/$m^3$ | | | | | | | | | | | | | On going |

*** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio*

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

**(iv) Other enterprises**

| Sl. No. | Enterprise | Technology (give details) | No. Of farmers/ Farm Women | Performance parameters/ indicators | Data on parameters in relation to technology demonstrated | | % Change | Remarks |
|---|---|---|---|---|---|---|---|---|
| | | | | | Demo | Local | | |
| 1 | Value addition of Ginger | Popularizing the process of Ginger Candy Preparation | 2 SHG | Taste acceptance amongst the women | High | - | - | There is good demand for the product in the market across the country |
| | | | | Consumer Acceptance | High | - | | |
| | | | | Production Economics | Rs 30 /- per 100 g | - | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Shelf life of the Products | 8 months | - | | |
| | | Popularizing the process of Ginger Paste Preparation | | 1.Taste acceptance amongst the women<br>2.Consumer Acceptance<br>3.Production Economics<br>4. Shelf life of the Products | Product is under observation | - | - | - |

| Sl. No. | Name of the enterprise | Technology | No. of farm Women | Performance parameters / indicators | * Data on parameter in relation to technology demonstrated | | % change in the parameter | Remarks |
|---|---|---|---|---|---|---|---|---|
| | | | | | Demon. (Amla Candy) | Local check (Dried Amla Supari) | | |
| 2 | Amla Candy | T1 : Amla Candy making by the SHG<br>T2 : Previous methods of preparation by the SHG | 2 SHG (20 Farm Women) | Time taken for Preparation | 4-6 Days | 3-4 days | - | There is a high demand for the product in the market |
| | | | | Shelf Life | 10 Months | 10 months | | |
| | | | | Taste Acceptance Amongst the SHG Women | High | - | | |
| | | | | Cost of the Product per 200 g | Rs. 30 | Rs.20 | | |
| | | | | Market Demand | Good | - | | |

| Sl. No. | Name of the Enterprise | Technology | No. of farm Women / Units | Performance parameters / indicators | * Data on parameter in relation to technology demonstrated | | % change in the parameter | Remarks |
|---|---|---|---|---|---|---|---|---|
| | | | | | Demon. (Using maize Sheller) | Local check (By Hand) | | |
| 3 | Maize Sheller | T 1 : Using of Maize Shellar for shelling of maize | 35 Maize Shellers | Time taken for shelling of a Maize Cob | 30 - 35 sec | 60 sec | 50% increase in shelling of maize | Very High demand of |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | T 2: Farmer's Practice – shelling of maize cob by hand | | Drudgery Observed | No such issues | 1.Nails injury<br>2. Hands get tired<br>3. Injury to hands, finger is high | cob observed | the tool |
| | | | | Efficiency | The fins detach corn kernels from the cob at the rate of about 10-15 kg per hour. | Depends on Individuals efficiency. Approx. 5-8 Kgs per hour | | |
| | | | | Cost Comparison (cob per man days) | Rs.0.35 per cob (840 cob per man days) | Rs.0.71 per cob (420 cob per man days) | | |

*** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio*
*Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.*

**(v) Farm Implements and Machinery NA**

| Sl. No. | Name of implement | Crop | Name of Technology demonstrated | No. of farmers | Area (In ha.) | Field observation (Output/ man-hours) | | % change in the parameter | Labour reduction (Man days) | Cost reduction (Rs. per ha. or Rs. per unit etc.) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Demo | Check | | | | |
| | | | | | | | | | | | |

**f. Performance of FLD on Crop Hybrids NA**

| Sl. No. | Crop | Name of hybrids | Area (ha.) | No. of farmers | Avg. yield (Q/ha.) | % increase in Avg. yield | Additional data on demo. yield (Q/ha.) | Econ. of demo. (Rs./Ha.) | Econ. of check (Rs./Ha.) |
|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Demo. | Check | | H* | L* | GC** | GR** | NR** | BCR ** | GC | GR | NR | BCR |
| | | | | | | | | | | | | | | | | | |

**H-Highest recorded yield, L- Lowest recorded yield*
*** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio*
*Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.*

### 3.3. Achievements on Training

#### 3.3.1. Farmers and Farm Women in On Campus including Sponsored On Campus Training Programmes

(*Sp. On means On Campus training programmes sponsored by external agencies)

| Thematic area | No. of Courses/ prog | | | Participants | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | General | | | | | | SC/ST | | | | | | Total | | | | | | Grand Total |
| | | | | Male | | Female | | Total | | Male | | Female | | Total | | Male | | Female | | Total | | |
| | On-Campus (1) | Spon On* (2) | Total (1+2) | On (4) | Sp. On (5) | On (6) | Sp. On (7) | On (a= 4+6) | Sp. On (b= 5+7) | On (8) | Sp. On (9) | On (10) | Sp. On (11) | On (c= 8+10) | Sp. On (d= 9+11) | On (4+8) | Sp. On (5+9) | On (6+10) | Sp. On (7+11) | On (x= a +c) | Sp. On (y= b +d) | (x + y) |
| I. Crop Production | | | | | | | | | | | | | | | | | | | | | | |
| II. Horticulture | | | | | | | | | | | | | | | | | | | | | | |
| a) Vegetable Crops | | | | | | | | | | | | | | | | | | | | | | |
| b) Fruits | | | | | | | | | | | | | | | | | | | | | | |
| c) Ornamental Plants | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| d) Plantation crops | | | | | | | | | | | | | | | | | | | | | | |
| Production and Management technology<br><br>Training on FoCT | 0 | 2 | 2 | 0 | 60 | 0 | 0 | 0 | 60 | 0 | 20 | 0 | 0 | 0 | 20 | 0 | 80 | 0 | 0 | 0 | 80 | 80 |
| e) Tuber crops | | | | | | | | | | | | | | | | | | | | | | |
| f) Spices | | | | | | | | | | | | | | | | | | | | | | |
| g) Medicinal and Aromatic Plants | | | | | | | | | | | | | | | | | | | | | | |
| III Soil Health and Fertility Management | | | | | | | | | | | | | | | | | | | | | | |
| IV Livestock Production and Management | | | | | | | | | | | | | | | | | | | | | | |
| Fish processing and value addition | 1 | - | 1 | - | - | 20 | - | 20 | - | - | - | 5 | - | 5 | - | - | - | 25 | - | 25 | - | 25 |
| IX Production of Inputs at site | | | | | | | | | | | | | | | | | | | | | | |
| X Capacity Building and Group Dynamics | | | | | | | | | | | | | | | | | | | | | | |
| XI Agro-forestry | | | | | | | | | | | | | | | | | | | | | | |

3.3.2. Achievements on Training of Farmers and Farm Women in Off Campus including Sponsored Off Campus Training Programmes (*Sp. Off means Off Campus training programmes sponsored by external agencies)

| Thematic area | No. of Courses/ prg. | | | Participants | | | | | | | | | Grand Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Off | Sp Off* | Total | General | | | SC/ST | | | Total | | | |
| | | | | Male | Female | Total | Male | Female | Total | Male | Female | Total | |

| | | | | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I. Crop Production | | | | | | | | | | | | | | | | | | | | | | |
| Production technology | 6 | - | 6 | 135 | - | 5 | - | 140 | - | 10 | - | 4 | - | 14 | - | 145 | - | 9 | - | 154 | - | 154 |
| Seed production | 2 | - | 2 | 36 | - | 5 | - | 41 | - | 7 | - | 3 | - | 10 | - | 43 | - | 8 | - | 51 | - | 51 |
| II. Horticulture | | | | | | | | | | | | | | | | | | | | | | |
| a)Vegetable Crops | | | | | | | | | | | | | | | | | | | | | | |
| Nursery raising | 1 | - | 1 | 14 | - | 8 | - | 22 | - | 5 | - | - | - | 5 | - | 19 | - | 5 | - | 26 | - | 26 |
| c)Plantation Crops | | | | | | | | | | | | | | | | | | | | | | |
| Production and Management technology | 2 | - | 2 | 28 | - | 14 | - | 42 | - | 10 | - | - | - | 10 | - | 38 | - | 14 | - | 52 | - | 52 |
| f)Spices | | | | | | | | | | | | | | | | | | | | | | |
| Production and Management technology | 2 | - | 2 | 28 | - | 14 | - | 42 | - | 10 | - | - | - | 10 | - | 38 | - | 14 | - | 52 | - | 52 |
| IV Livestock Production and Management | | | | | | | | | | | | | | | | | | | | | | |
| V Home Science/Women empowerment | | | | | | | | | | | | | | | | | | | | | | |
| Minimization of nutrient | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 25 | 0 | 0 | 0 | 25 | 0 | 25 | 0 | 25 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| loss in processing | | | | | | | | | | | | | | | | | | | | | | |
| Value addition | 2 | 0 | 2 | 0 | 0 | 45 | 0 | 45 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 50 | 0 | 50 | 0 | 50 |
| Women and child care | 1 | 0 | 1 | 0 | 0 | 22 | 0 | 22 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 25 | 0 | 25 | 0 | 25 |
| VII Plant Protection | | | | | | | | | | | | | | | | | | | | | | |
| Integrated Pest and disease Management | 4 | 0 | 4 | 64 | 0 | 0 | 0 | 64 | 0 | 36 | 0 | 0 | 0 | 36 | 0 | 100 | 0 | 0 | 0 | 100 | 0 | 100 |
| Production of bio control agents and bio pesticides | 2 | 0 | 2 | 44 | 0 | 0 | 0 | 44 | 0 | 6 | 0 | 0 | 0 | 6 | 0 | 50 | 0 | 0 | 0 | 50 | 0 | 50 |
| VIII Fisheries | | | | | | | | | | | | | | | | | | | | | | |
| Carp fry and fingerling rearing | 2 | - | 2 | 33 | - | - | - | 33 | - | 21 | - | - | - | 21 | - | 54 | - | - | - | 54 | - | 54 |
| Composite fish culture | 1 | - | 1` | 13 | - | - | - | 13 | - | 12 | - | - | - | 12 | - | 25 | - | - | - | 25 | - | 25 |
| Fish processing and value addition | 1 | - | 1` | - | - | 25 | - | 25 | - | - | - | - | - | - | - | - | - | 25 | - | 25 | - | 25 |

(B) RURAL YOUTH

3.3.3. Achievements on Training Rural Youth in On Campus including Sponsored On Campus Training Programmes

(*Sp. On means On Campus training programmes sponsored by external agencies)

| Thematic area | No. of Courses/ Prog | | | Participants | | | | | | | | | | | | | | | | | | Grand Total (x + y) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | General | | | | | | SC/ST | | | | | | Total | | | | | | |
| | | | | Male | | Female | | Total | | Male | | Female | | Total | | Male | | Female | | Total | | |
| | On (1) | Sp On* (2) | Total (1+2) | On (4) | Sp. On (5) | On (6) | Sp. On (7) | On (a= 4+6) | Sp. On (b= 5+7) | On (8) | Sp. On (9) | On (10) | Sp. On (11) | On (c= 8+10) | Sp. On (d= 9+11) | On (4+8) | Sp. On (5+9) | On (6+10) | Sp. On (7+11) | On (x= a +c) | Sp. On (y= b +d) | |
| Farm Record Keeping | 1 | - | 1 | 20 | - | - | - | 20 | - | 5 | - | - | - | 5 | - | 25 | - | - | - | 25 | - | 25 |
| TOTAL | 1 | - | 1 | 20 | - | - | - | 20 | - | 5 | - | - | - | 5 | - | 25 | - | - | - | 25 | - | 25 |

3.3.4. Achievements on Training of Rural Youth in Off Campus including Sponsored Off Campus Training Programmes

(*Sp. Off means Off Campus training programmes sponsored by external agencies)

| Thematic area | No. of Courses/ Prog. | | | Participants | | | | | | | | | | | | | | | | | | Grand Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | General | | | | | | SC/ST | | | | | | Total | | | | | | |
| | | | | Male | | Female | | Total | | Male | | Female | | Total | | Male | | Female | | Total | | |
| | Off | Sp Off | Total | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | |
| Crop Insurance | 2 | - | 2 | 40 | - | - | - | 40 | - | 10 | - | - | - | 10 | - | 50 | - | - | - | 50 | - | 50 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Scheme | | | | | | | | | | | | | | | | | | | | | | |
| Formation & Promotion of SHG for economic sustainability | 1 | - | 1 | - | - | 15 | - | 15 | - | - | - | 11 | - | 11 | - | - | - | 11 | - | 26 | - | 26 |
| Commodity Future Trading | 1 | - | 1 | 10 | - | 5 | - | 15 | - | 5 | - | 5 | - | 10 | - | 15 | - | 10 | - | 25 | - | 25 |
| Commercial fruit production | 2 | - | 2 | 24 | - | 4 | - | 28 | - | 16 | - | 6 | - | 22 | - | 40 | - | 10 | - | 50 | - | 50 |
| Rural Crafts | 2 | 0 | 2 | 0 | 0 | 38 | 0 | 38 | 0 | 0 | 0 | 12 | 0 | 12 | 0 | 0 | 0 | 50 | 0 | 50 | 0 | 50 |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | |

C. Extension Personnel

3.3.5. Achievements on Training of Extension Personnel in On Campus including Sponsored On Campus Training Programmes

(*Sp. On means On Campus training programmes sponsored by external agencies)

| Thematic area | No. of Courses/ prog | | | Participants | | | | | | | | | | | | | | | | | | Grand Total (x + y) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | General | | | | | | SC/ST | | | | | | Total | | | | | | |
| | | | | Male | | Female | | Total | | Male | | Female | | Total | | Male | | Female | | Total | | |
| | On (1) | Sp On* (2) | Total (1+2) | On (4) | Sp. On (5) | On (6) | Sp. On (7) | On (a= 4+6) | Sp. On (b= 5+7) | On (8) | Sp. On (9) | On (10) | Sp. On (11) | On (c= 8+10) | Sp. On (d= 9+11) | On (4+8) | Sp. On (5+9) | On (6+10) | Sp. On (7+11) | On (x= a +c) | Sp. On (y= b +d) | |

3.3.6. Achievements on Training of Extension Personnel in Off Campus including Sponsored Off Campus Training Programmes

(*Sp. Off means Off Campus training programmes sponsored by external agencies)

| Thematic area | No. of Courses/ prog. | | | Participants | | | | | | | | | | | | | | | | | | Grand Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Off | Sp Off* | Total | General | | | | | | SC/ST | | | | | | Total | | | | | | |
| | | | | Male | | Female | | Total | | Male | | Female | | Total | | Male | | Female | | Total | | |
| | | | | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | |
| Women and Child care | 1 | 0 | 1 | 0 | 0 | 16 | 0 | 16 | 0 | 0 | 0 | 9 | 0 | 25 | 0 | 0 | 0 | 25 | 0 | 25 | 0 | 25 |
| Low cost and nutrient efficient diet designing | 1 | 0 | 1 | 0 | 0 | 16 | 0 | 16 | 0 | 0 | 0 | 9 | 0 | 25 | 0 | 0 | 0 | 25 | 0 | 25 | 0 | 25 |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | |

Note: Please furnish the details of above training programmes as Annexure in the proforma given below

**Annexure 1: Details of Training Programme (On Campus including Sponsored On Campus) for Farmers, Farm Women, Rural Youth and Extension Personnel**

| Discipline | Area of training | Title of the training programme | Date (From – to) | Duration in days | Venue | Please specify Beneficiary group (Farmer & Farm women/ RY/ EP and NGO Personnel) | General participants | | | SC/ST | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | M | F | T | M | F | T | M | F | T |
| Horticulture | Coconut tree climbing | Training on Friends of Coconut Tree | 15th Feb to 20th Feb | 7 days | KVK Nagaon | Farmers and RY | 23 | - | 23 | 17 | - | 17 | 40 | - | 40 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Training on Friends of Coconut Tree | 7th March to 12th March | 7 days | KVK Nagaon | Farmers and RY | 28 | - | 28 | 12 | - | 12 | 40 | - | 40 |
| Fisheries Sc. | Processing | Fish processing and value addition | 20th March to 24th March, 2016 | 5 | Farmer's hostel, RARS Shillongani campus | Farm Women | - | 20 | 20 | - | 5 | 5 | - | 25 | 25 |
| Agril. Economics & FM | Record Keeping | Farm Record Keeping | 10/3/15 | 1 | KVK, Campus | RY | 20 | - | 20 | 5 | - | 5 | 25 | - | 25 |
| | | | | | | | | | | | | | | | |

**Annexure 2: Details of Training Programme (Off Campus including Sponsored Off Campus) for Farmers, Farm Women, Rural Youth and Extension Personnel**

| Discipline | Area of training | Title of the training programme | Date (From – to) | Duration in days | Venue | Please specify Beneficiary group (Farmer & Farm women/ RY/ EP and NGO Personnel) | General participants | | | SC/ST | | | Grand Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | M | F | T | M | F | T | M | F | T |
| Agronomy | Production Technology | Improved production tech. of *Sali* rice | 30.07.15 | 1 | Dhing Athgaon | Farmer & Farm women | 20 | 2 | 22 | 3 | - | - | 23 | 2 | 25 |
| | | Improved production tech. of *Sali* rice | 31.07.15 | 1 | Telia gaon | Farmer & Farm women | 22 | 0 | 22 | 2 | - | 2 | 22 | 2 | 24 |
| | | Seed production tech. of *Sali* rice | 05.08.15 | 1 | Deorigaon | Farmer & Farm women | 24 | 0 | 24 | 2 | - | 2 | 24 | 0 | 26 |
| | | Seed production tech. of *Jute* | 08.08.15 | 1 | Nanoi | Farmer & Farm women | 24 | 0 | 24 | 1 | - | 1 | 25 | 0 | 25 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Improved production tech. of rabi pulses | 09.11.15 | 1 | Raha | Farmer & Farm women | 24 | - | 0 | 2 | 2 | 4 | 26 | 2 | 28 |
| | | Improved production tech. of rabi pulses | 16.11.15 | 1 | Dakshinpat | Farmer & Farm women | 19 | 2 | 21 | 2 | 2 | 4 | 21 | 4 | 25 |
| | | Improved production tech. of rabi oilseeds | 18.11.15 | 1 | Raidongia | Farmer & Farm women | 20 | 4 | 24 | 0 | 0 | 0 | 20 | 4 | 24 |
| | | Improved production tech. of rabi oilseeds | 20.11.15 | 1 | Dakarghat | Farmer & Farm women | 20 | 4 | 24 | 4 | 0 | 4 | 24 | 4 | 28 |
| Horticulture | Production and Management Technology | Production technology and post harvest management of Ginger and Turmeric | 26/12/15 | 1 | Dakhinpat | Farmer | 12 | 3 | 15 | 7 | 4 | 11 | 19 | 6 | 25 |
| | Production and Management Technology | Production and Management technology of Blackpepper | 1/2/16 2/2/16 | 2 | Barhampur | Farmer | 12 | 2 | 14 | 7 | 4 | 11 | 19 | 6 | 25 |
| | Management of young plants/orchard | Production and management technology of Coconut and Arecanut | 18/8/15 | 1 | Phuloguri | Farmer | 24 | 0 | 24 | 2 | - | 2 | 24 | 0 | 26 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cultivation of Fruit | Production and management technology of fruit crops Banana and Assam Lemon | 12/10/15 and 13/10/15 | 2 | Missamukhpam | Rural youth | 20 | 2 | 22 | 3 | - | - | 23 | 2 | 25 |
| | | Production and management technology of Assam Lemon | 22/3/16 | 1 | Samuguri | Rural Youth | 12 | 2 | 14 | 7 | 4 | 11 | 19 | 6 | 25 |
| | Nursery raising | Organic cultivation of vegetables | 28/3/16 | 1 | Dhing | Farmer | 12 | 2 | 14 | 7 | 4 | 11 | 19 | 6 | 25 |
| | Management of young plants/orchard | Production and management technology of Coconut and Arecanut | 30/3/16 | 1 | Raha | Farmer | 22 | 0 | 22 | 3 | - | 3 | 25 | - | 25 |
| | | Biopesticide & its uses in disease management | 30/7/15 | 1 | Dhing Athgaon | Farmer | 19 | 0 | 19 | 6 | 0 | 6 | 25 | 0 | 25 |
| | | Integrated Pest and disease Management | 31/7/15 | 1 | Teliagaon | Farmer | 25 | 0 | 25 | 0 | 0 | 0 | 25 | 0 | 25 |
| | | Biopesticide & its uses in disease management | 06/8/15 | 1 | Bahuabheti | Farmer | 25 | 0 | 25 | 0 | 0 | 0 | 25 | 0 | 25 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Integrated Pest and disease Management | 21/9/15 | 1 | Raha | Farmer | 14 | 0 | 14 | 11 | 0 | 11 | 25 | 0 | 25 |
| | | Integrated Pest and disease Management | 23/12/15 | 1 | Dakhinpat | Farmers & Farm Women | 0 | 0 | 0 | 10 | 15 | 25 | 10 | 15 | 25 |
| | | Integrated Pest and disease Management | 6/2/16 | 1 | Hatikhali | Farmers | 25 | 0 | 25 | 0 | 0 | 0 | 25 | 0 | 25 |
| Fisheries Sc | Fish farming | Composite fish culture | 13.1.16 | 1 | Dhemaji Gaon, Phulaguri | Farmer | 13 | - | 13 | 12 | - | 12 | 25 | - | 25 |
| | Fish farming | Carp fry and fingerling rearing | 30.1.16 & 6.2.16 | 2 | Maz-jajori and Hatikhali, Daboka | Farmer | 33 | - | 33 | 21 | - | 21 | 54 | - | 54 |
| | Fish processing | Fish processing and value addition | 24.2.16 | 1 | Samuguri | Farm women | - | 25 | 25 | - | - | - | - | 25 | 25 |
| Home Science | Women and Child Care | Women and Child Care | 18/08/2015 | 1 day | Phuloguri | Farm Women | 0 | 22 | 22 | 0 | 03 | 03 | 0 | 25 | 25 |
| Home Science | Value Addition | Value Addition of Summer fruits & Vegetables | 12/09/2015 – 13/09/2015 | 2 Days | Hemaguri | Farm Women | 0 | 25 | 25 | 0 | 0 | 0 | 0 | 25 | 25 |
| Home Science | Minimization of Nutrient Loss | Minimization of Nutrient Loss in Processing | 26/12/2015 | 2 Days | Dakhinpat | Farm Women | 0 | 0 | 0 | 0 | 25 | 25 | 0 | 25 | 25 |
| Home Science | Value Addition | Value Addition of Summer fruits & | 04/03/2016 – 14/03/2016 | 2 days | Alisinga | Farm Women | 0 | 20 | 20 | 0 | 05 | 05 | 0 | 25 | 25 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Vegetables | | | | | | | | | | | | | |
| Home Science | Income Generation Activities | Income generation activities for empowerment of rural women through block printing | 05/03/2015 – 07/03/2015 | 2 days | Majgaon | Farm Women | 0 | 16 | 16 | 0 | 09 | 09 | 0 | 25 | 25 |
| Home Science | Income Generation Activities | Income generation activities for empowerment of rural women through block printing | 21/03/2015 – 22/03/2015 | 2 days | Nathgaon borbheti | Farm Women | 0 | 22 | 22 | 0 | 03 | 03 | 0 | 25 | 25 |
| Home Science | Women and Child Care | Women and Child Care | 26/03/2015 | 1 day | Nagaon Town | Anganwadi Workers | 0 | 16 | 16 | 0 | 09 | 09 | 0 | 25 | 25 |
| Home Science | Low cost and nutrient efficient diet designing | Low cost and nutrient efficient diet designing | 28/03/2015 | 1 day | Nagaon Town | Anganwadi Workers | 0 | 16 | 16 | 0 | 09 | 09 | 0 | 25 | 25 |
| Agril. Economics & FM | Financial Management | Crop Insurance Scheme | 14/3/16, 28,3/16 | 1 | Chakalaghat, Phuloguri | RY | 40 | - | 40 | 10 | - | 10 | 50 | - | 50 |
| Agril. Economics & FM | Formation & Management | Formation & Promotion of SHG for economic sustainability | 18/3/16,19/3/16 | 2 | Majgaon | RY | - | 15 | 15 | - | 11 | 11 | - | 26 | 26 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Agril. Economics & FM | Risk Minimization | Commodity Future Trading | 4/3/16 | 1 | MikirkhatAlisinga | RY | 15 | 5 | 20 | 5 | 5 | 10 | 20 | 10 | 30 |

**(D) Vocational training programmes for Rural Youth**

| Crop / Enterprise | Date (From – To) | Duration (days | Area of training | Training title* | No. of Participants | | | | | | | | | Impact of training in terms of Self employment after training | | | | Whether Sponsored by external funding agencies (Please Specify with amount of fund in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | General | | | SC/ST | | | Total | | | | | | | |
| | | | | | M | F | T | M | F | T | M | F | T | Type of enterprise ventured into | Number of units | Number of persons employed | Avg. Annual income in Rs. generated through the enterprise | |
| Cutting and Tailoring | 09/03/2016 to 18/03/2016 | 10 days | Cutting and Tailoring of Ladies Garments | Vocational Training for Rural Women on Entrepreneurship development through Cutting and Tailoring | 0 | 17 | 17 | 0 | 04 | 04 | 0 | 2 | 21 | Stitching of Garments | 21 | 21 | - | - |
| Fisheries Sc. | 20th March to 24th March, 2016 | 5 | Processing | Fish processing and value addition | 0 | 20 | 20 | 0 | 5 | 5 | 0 | 25 | 25 | | | | | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Flower crop | 28th to 30th March 2016 | 3 | Floriculture | Commercial Floriculture | 3 | 15 | 18 | 0 | 2 | 2 | 3 | 17 | 20 | | | | | |
| | | | | | | | | | | | | | | | | | | |

*training title should specify the major technology /skill transferred

**Annexure 3: Only Sponsored Training Programmes (On, Off and Vocational)**

| On/ Off/ Vocational | Beneficiary group (F/ FW/ RY/ EP) | Date (From-To) | Duration (days) | Discipline | Area of training | Title | No. of Participants | | | | | | | | | Sponsoring Agency | Amount of fund received (Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | General | | | SC/ST | | | Total | | | | |
| | | | | | | | M | F | T | M | F | T | M | F | T | | |
| On Campus | RY & F | 15th Feb to 20th Feb | 7 days | Horticulture | Coconut | Training on Friends of Coconut Tree | 23 | - | 23 | 17 | - | 17 | 40 | - | 40 | CDB | 54600 |
| On Campus | RY & F | 7th March to 12th March | 7 days | Horticulture | Coconut | Training on Friends of Coconut tree | 28 | - | 28 | 12 | - | 12 | 40 | - | 40 | CDB | 67500 |
| Total | | | | | | | | | | | | | | | | | |

**3.4. Extension Activities (including activities of FLD programmes) (Please mention specific Extension Activity conducted by the KVK such as Field Day, Kisan Mela, Exhibition, Diagnostic Visit, etc) during 2015-16**

| Sl. No. | Extension Activity | Topic | Date and duration | No. of activities | Participants | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | General (1) | | | SC/ST (2) | | | Extension Officials (3) | | | Grand Total (1+2) | | |
| | | | | | M | F | T | M | F | T | M | F | T | M | F | T |
| 1. | Advisory services | - | April ,2015 to April, 2016 | 181 | - | - | - | - | - | - | - | - | - | - | - | 919 |
| 2. | Diagnostic visit | 1.Potash deficiency in rice 2.Fusarial wilt of tomato | April ,2015 to April, 2016 | 145 | 87 | 145 | 87 | 145 | 87 | 145 | 87 | 145 | 87 | 145 | 87 | 232 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 3..Bacterial wilt of chilli<br>4.Cut worm in mustard<br>5. Wooly aphid in sugarcane<br>6. Stem borer in rice<br>7. Mosaic of green gram<br>8. BPH of Rice<br>9. Banana Psudostemborer<br>10.Desese management in Assam lemon | | | | | | | | | | | | | | |
| 3. | Field day | Rabi oilseed, Pulse | 2/1/16,14/3/16, 16/3/16 | 3 | -- | - | -- | -- | -- | -- | - | -- | - | - | - | 97 |
| 4. | Group Discussion | - | | 18 | - | - | - | - | - | - | - | - | - | - | - | 148 |
| 5. | Kishan Gosthi | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Kishan Mela | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6. | Film show | Demonstration on Coconut Climbing Machine | 9/2/16,7/3/16 | 2 | 12 | 24 | 36 | 8 | 12 | 20 | - | - | - | 25 | 45 | 70 |
| 7. | SHG formation | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. | Exhibition | 3rd International Agri-Horti Show, Guwahati, Hahila Mahotsav,, Pre Kharif Awareness Camp, Assam Kishi Unnayan Mela, Pre Rabi Awareness Sanmelan | i)6th Jan to 9th Jan, 2016<br>ii)27th Jan to 28th Jan,2016<br>iii)15th July ,2015<br>iv)13th ,14th Feb, 2016<br>v) 4th ,2015 | 5 | - | - | - | - | - | - | - | - | - | - | - | Countless public gathering |
| 9. | Scientists visit to farmers fields | -- | -- | 91 | - | - | - | - | - | - | - | - | - | - | - | 527 |
| 10. | Plant/ Animal Health camp | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11. | Farm science club | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12. | Ex-trainee Sammelan | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 13. | Farmers seminar/ workshop | "Bringing 2nd green revolution in North East India"-cum-Foundation Stone laying Ceremony of Agril. Technology | 13th,14th Feb, 2016 | - | - | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Application Reseach Centre(ATARI) at CPCRI | | | | | | | | | | | | | | |
| 14. | Method demonstration | | | | | | | | | | | | | | | |
| 15. | Celebration of important days | | | | | | | | | | | | | | | |
| | | Rashtriya Ekta Dewas | 31/10/15 | 1 | - | - | - | - | - | - | - | - | - | - | - | 20 |
| | | Jai Kishan Jai Vigyan | 23/12/15t to 29/12/15 | 1 | - | - | - | - | - | - | - | - | - | - | - | 50 |
| | | World Soil Day | 15/12/15 | 1 | - | - | - | - | - | - | - | - | - | - | - | 250 |
| 16. | Exposure visits | | | 1 | - | - | - | - | - | - | - | - | - | - | - | 100 |
| 17. | Electronic media (CD/DVD) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18. | Extension literature | | | | | | | | | | | | | | | |
| 19. | Newspaper coverage | Rashtriya Ekta Dewas, Jai Kishan Jai Vigyan, World Soil Day, Hahila Mahotsav,, Pre Kharif Awareness Camp | 1/11/15,30/12/15,7/12/15,29/1/2016,16/7/1015 | 5 | - | - | - | - | - | - | - | - | - | - | - | - |
| 20. | Popular articles | Krishi Beema Yojna | October,1016 | 1 | - | - | - | - | - | - | - | - | - | - | - | |
| 21. | Radio talk | - | - | - | - | - | - | - | - | - | - | - | - | - | - | -- |
| 22. | TV talk | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 23. | Training manual | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24. | Soil health camp | Soil Health Cards Have been distributed | 5/12/16,8/3/16 | 2 | - | - | - | - | - | - | - | - | - | - | - | 250 |
| 25. | Awareness camp | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26. | Lecture delivered as resource person | Cultivation practices of field cops, horticultural crops, Communication skill , decision making, leadership development & time mnagement | 7/8/1,9/3/16,7/3/16,17/2/16,11/2/16 | 8 | - | - | - | - | - | - | - | - | - | - | - | 224 |
| 27. | PRA | Bench mark survey (PRA Conducted) | 10/2/16 12/2/16 | 2 | 36 | 12 | 48 | 8 | - | 8 | - | - | - | 44 | 12 | 56 |
| 28. | Farmer-Scientist interaction | | | | | | | | | | | | | | | |
| | | Cultivation pracitices of Horticultural crop | 12.2.2016 | 1 | 17 | 2 | 19 | 8 | 0 | 8 | 1 | 0 | 1 | 26 | 2 | 28 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fishery Science, Home Science | 27.2.2016 | 1 | 20 | 0 | 20 | 5 | 0 | 5 | 1 | 0 | 1 | 25 | 1 | 26 |
| | | Economic calculation of crops along with Record keeping | 22/11/15 | 1 | 15 | 5 | 20 | 3 | 2 | 5 | - | 0 | - | 25 | - | 25 |
| | | Disease & pest Management, contingency crop plan | 11/2/16 | 1 | 15 | 5 | 20 | 3 | 2 | 5 | - | 0 | - | 25 | - | 25 |
| 28. | Soil test campaign | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29. | Mahila Mandal Convener meet | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30. | Any other (Please specify) | | | | | | | | | | | | | | | |
| 31. | Soil Sample Collected | Sample have been collected from whole Nagaon district | April,2015 to Nov,2016 | 1250 nos. of soil sample | - | - | - | - | - | - | - | - | - | - | - | 1250 |
| 32. | Mera Gaon Mera Gaurav Progamme | Farmers Scientists interaction | 30.11.15 | 1 | - | - | - | - | - | - | - | - | - | - | - | 20 |
| | | Training on "Composite Fish Culture" | 13.01.16 | 1 | - | - | - | - | - | - | - | - | - | - | - | 25 |
| | | Farmers Scientists interaction | 03.03.16 | 1 | - | - | - | - | - | - | - | - | - | - | - | 19 |
| | | Training on "Crop Insurance Scheme" | 04.03.16 | 1 | - | - | - | - | - | - | - | - | - | - | - | 28 |
| Grand Total | | | | | | | | | | | | | | | | |

### 3.5 Production and supply of Technological products during 2015-16

**A. SEED MATERIALS**

| Major group/class | Crop | Variety | Quantity (qt) | Value (Rs.) | Number of recipient/ beneficiaries | | |
|---|---|---|---|---|---|---|---|
| | | | | | General | SC/ST | Total |
| CEREALS | Sali Paddy | Bahadur | 90.0 | 297000.00 | Stock is ready to sale | | |
| | Sali paddy | Gitesh | 35.0 | 115500.00 | Stock is ready to sale | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boro paddy | Swarnabh | 25.0 | 3630.00 | Stock to be sold as nonseed | | |
| OILSEEDS | Toria | TS-38 | 18.0 | 117000.00 | Stock is ready to sale | | |
| | Linseed | Shekhar | - | - | Threshing continue | | |
| PULSES | Blackgram | PU-31 | 1.17 | 14040.00 | | | 20 nos of farmers |
| | Greengram | Pratap | 1.70 | 20400.00 | | | 25 nos of farmers |
| Others | Dhaincha | S.acculata | 2.04 | 11700.00 | | | 4 nos of farmers |

| Sl. No. | Major group/class | Quantity (ton.) | Value (Rs.) | Number of recipient/ beneficiaries | | |
|---|---|---|---|---|---|---|
| | | | | General | SC/ST | Total |
| 1 | CEREALS | 15.0 | 416130.00 | Stock is ready to sale | | |
| 2 | OILSEEDS | 1.8 | 117000.00 | Stock is ready to sale | | |
| 3 | PULSES | 0.287 | 34440.00 | | | 45 nos of farmers |
| 6 | OTHERS (Dhaincha) | 0.204 | 11700.00 | | | 4 nos of farmers |
| **TOTAL** | | **17.291** | **579270.00** | | | |

**B. Production of Planting Materials(Nos. in lakh)**

| Major group/class | Crop | Variety | Numbers (In Lakh) | Value (Rs.) | Number of recipient beneficiaries | | |
|---|---|---|---|---|---|---|---|
| | | | | | General | SC/ST | Total |
| Spices | Turmeric | Megha Turmeric-1 | 4.0 q | 20000.00 | Stock is ready to sale | | |

**B1. SUMMARY of Production and supply of Planting Materials (In Lakh) during 2015-16**

| Sl. No. | Major group/class | Numbers | Value (Rs.) | Number of recipient beneficiaries | | |
|---|---|---|---|---|---|---|
| | | | | General | SC/ST | Total |
| 1 | Spices | 4.0 q | 20000.00 | Stock is ready to sale | | |
| TOTAL | | 4.0 q | 20000.00 | | | |

**C. Production of Bio-Products during 2015-16**

| Major group/class | Product Name | Species | Quantity | | Value (Rs.) | Number of Recipient /beneficiaries | | |
|---|---|---|---|---|---|---|---|---|
| | | | No | (qt) | | General | SC/ST | Total |
| **BIOFERTILIZERS** | | | | | | | | |
| 1 | | *Azospirillim* | | 0.32 | 1600.00 | | | |
| 2 | | *Azotobacter* | | 0.31 | 1620.00 | | | |
| 3 | | *PSB* | | 0.30 | 1590.00 | | | |
| 4 | | *Rhizobium* | | 0.33 | 1630.00 | | | |
| **BIO PESTICIDES** | | | | | | | | |
| 1 | Bio Veer | Trichodermaviridae | | 1.35 | 3545.00 | | | |

**C1. SUMMARY of production of bio-products during 2015-16**

| Sl. No. | Product Name | Species | Quantity | | Value (Rs.) | Number of Recipient beneficiaries | | Total number of Recipient beneficiaries |
|---|---|---|---|---|---|---|---|---|
| | | | Nos | (kg) | | General | SC/ST | |
| 2 | BIO FERTILIZERS | Azospirilum,PSB,Azotobacter,Rhizobium | | 126.0 | 6440.00 | | | |
| 3 | BIO PESTICIDE | Bioveer | | 135.0 | 3545.00 | | | |

**D. Production of livestock during 2015-16**

| Sl. No. | Type of livestock | Breed | Quantity | | Value (Rs.) | Number of Recipient beneficiaries | | |
|---|---|---|---|---|---|---|---|---|
| | | | (Nos) | Kgs | | General | SC/ST | Total |
| 1 | Goat | Beetal | 3 | | | Rearing for breeding purpose | | |

**D1. SUMMARY of production of livestock during 2015-16**

| Sl. No. | Livestock category | Breed | Quantity | | Value (Rs.) | Number of Recipient beneficiaries | | Total number of Recipient beneficiaries |
|---|---|---|---|---|---|---|---|---|
| | | | Nos | (kg) | | General | SC/ST | |
| 1 | GOAT | Beetal | 3 | | | Rearing for breeding purpose | | |
| | **TOTAL** | | **3** | | | | | |

**3.6. Literature Developed/Published (with full title, author & reference) during 2015-16**

(A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.): Nil
(B) Articles/ Literature developed/published

| Item | Title /and Name of Journal | Authors name | Number of copies |
|---|---|---|---|
| Research papers | Endophytes: Exploitation as a tool in Plant Protection In Brazilian Archives of Biology and Technology, v.57 n.5: pp. 621-629, Sept/Oct 2014 | D.Dutta, K.C. Puzari, P. Dutta, R. Gogoi | - |
| | JorRG 09-05:A promising ridge gourd(Luffa acutangula Roxb.) selection from North East India DRJAFS Vol 3(1), pp. 7-9 Jan, 2015 | G.C. Bora*1,P. Bordoloi2, S. Gogoi3, S. Das4, R. M. Phukan5, M. Kachari6, N. C. Deka7 and S. K. Paul8 | - |
| | Level of commercialization of farmers in Kamrup District of Assam Indian Research J.Ext.Edu. Vol no. 15(1) Jan, 2015 | J.K.Dutta, R.Baruah and S.Das | - |
| | Constraints of Potato cultivation in Assam: Farmers Experiences In *Indian Journal of Agricultural Sciences*, Vol.10 Issue 2, June, 2014. Pp. 488 | C.K.Deka, S.B. Mukhopdhyay and S Kumar | - |
| | Imact of Farmers Field School of United Phosphorous Limited: A study in Nagaon district of Assam. In *Agriculture Update*, Vol.9 Issue 2, May, 2014. Pp. 249 | C.K.Deka and P.K. Mishra | - |
| | Adoption of Vegetable Cultivation: A discriminate function Analysis. | H.K.Kalita and C.K.Deka | - |

| | | | |
|---|---|---|---|
| | In *Agriculture Update*, Vol.9 Issue 2, May, 2014. Pp. 249 | | |
| Book/ Book Chapter | Green computing for enhancing sustainability in the ZPD, Zone-III Publication- "Essentials of Computing for KVK Professionals" | D.K.Goswami and R. Chutia | 1 |
| Popular articles | Traditional practices of storage of pulses, Dec11 2014, *The Dainik Janambhumi*<br>Income generation through Bamboo cultivation, June 12, 2014, *The Dainik Janambhumi*<br>Impact of cow in crop production, July 24, 2014. *The Dainik Janambhumi* | D.Dutta<br>D.Dutta<br>D.Dutta | 3 |
| Technical bulletins | | | |
| Extension bulletins | 1.Makoirpar Prastut Karib para Bibhinna Khadya Samagrir Prastut Pranali<br>2 .Makoirpar Upakarita aru Utkrista Pratin jukta Makoir unnat Krishi Paddhati<br>3.Banakranta Anchalor babe Jarurikalin Krishi Bebostha<br>4.Kharang Anchalor babe Jarurikalin Krishi Bebostha | Dr.C.K. Deka, P,Nath and B. Guha<br>Dr.C.K. Deka, M. Saikia, P,Nath and B. Guha<br>S.Bhagabati,S.Das,P.Nath,D.Dutta ,Dr C.K Deka,Dr B.Guha<br>S.Das,S.Bhagabati,P.Nath,D.Dutta ,Dr C.K Deka,Dr B.Guha | 1000<br>1000<br>1000<br>1000 |
| | 3. Impact and importance of Biopesticide<br>4. Safety measures to be taken while spraying chemical<br>5. Honey bee rearing | D.Dutta, L. C. Borah, D. Pathak, B. Guha<br>D.Dutta, S. Pathak, B. Guha<br>D.Dutta, U.K.Deka, B.Guha | 500<br>300<br>300 |
| Leaflets/folders | 1.Makoir Suji<br>2. Makoir Khichiri<br>3. Makoir Upma<br>4.Makoir Puri<br>5. Makoir Paratha<br>6.Pustikar Pani Pitha<br>7. Assam Mix | Dr.C.K. Deka, P,Nath , B. Guha and P Deka<br>Dr.C.K. Deka, P,Nath , B. Guha and P Deka<br>Dr.C.K. Deka, P,Nath , B. Guha and P Deka<br>Dr.C.K. Deka, P,Nath , B. Guha and P Deka<br>Dr.C.K. Deka, P,Nath , B. Guha and P Deka<br>Dr.C.K. Deka, P,Nath , B. Guha D.Dutta and P Deka<br>Dr.C.K. Deka, P,Nath , B. Guha D.Dutta and P Deka | 1000<br>1000<br>1000<br>1000<br>1000<br>1000<br>1000 |

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

**(C) Details of Electronic Media Produced**

| S. No. | Type of media (CD / VCD / DVD / Audio-Cassette) | Title of the programme | Number produced |
|---|---|---|---|
| 1 | VCD | Mushroom Production | 20 |

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

1. Introduced Sali rice varieties Gitesh in Nagaon district. The Gitesh Variety of rice was purchased from RARS, Titabor and RARS, North Lakhimpur and demonstrated this variety in the farmer's field under technology showcasing programme.
2. Introduced T-perch technology in the rice field to control insect pest of rice.
3. Introduced Honey bee box in the toria field (5-6 box/ bigha) for increased pollination

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

| S. No. | Crop / Enterprise | ITK Practiced | Purpose of ITK |
|---|---|---|---|
| 1 | Coconut and Arecanut | A fish net is hanged in the height of 6 to 7 feet from the ground. If Squirrel tries to go up in the plants then due to the net, they cannot pass through it. | For control of Squirrel in coconut and arecanut |

**3.10 Indicate the specific training need analysis tools/methodology followed for**

- Identification of courses for farmers/farm women
- Rural Youth
- Extension personnel

**3.11 Field activities**

i. Number of villages adopted

ii. No. of farm families selected

iii. No. of survey/PRA conducted : 1

**A. PRA Exercise:**

| Programme | Date | Venue | No. of beneficiary |
|---|---|---|---|
| PRA Exercise | 2.3.16 | Phuloguri | 28 |

**PRA Report of Village Phuloguri**

- Block : Raha
- Post Office : Phuloguri
- No. of households : 350
- Special feature of location : Chronially Flood affected
- Present cultivated area : >266ha
- Major soil types : clay loam(60%)
- Major crops : Rice ( Rajit, Swarna Sub, Bao), Toria (Local variety), Zute(Local), Blackgram(Local)Perennial Crops (Arecanut, betel leaf, mango)
- Agro climatic zone - Central Assam Brahmaputra Valley
- Major Cropping System**:**

  a) Mustard-Jute

  b) Rice-Blackgram

A. Various social Institutions / infrastructure existing in the village:

| Name of Existing Institution | No of Institution |
|---|---|
| L.P. School | 2 |
| ME School: | Nil |
| High School | 1 |
| College | Nil |
| Medical facilities(Hospital) | 1 |
| Namghar | 5 |
| Mandir | 1 |
| Vety dispensary | 1 |
| Market place | 3 |
| Cooperative Societies | 1 |
| Irrigation channel | 2 |
| Irrigation Office | 1 |
| Anganbadi centre | 5 |
| Community hall | 2 |
| SHGs | 20 |

B.Climatic Vulnerability:

a) Recurrent flood- Big flood in 1989 and 2014

b) Big thunders in 2005

c) Earthquake-Major earthquake in 1950,1986

d) Major occupation: Farming, Fishing

C.Problems faced by the farmers in cultivation:

1. Labour problem due to migration of people to outside Assam.
2. Flood problem due to which they can't grow Sali rice as chance crop.

3. Electricity Problem
4. Less faith in the variety supplied from outside.
5. Low market price of their produce.
6. Transportation problem.
7. Lack of irrigation facilities no horticultural crop can be grown
8. No Govt. Medical hospital is there

D. Need of the farmers:

1. Training and exposure visit (Capacity building)
2. ImprovedBao rice variety.
3. Modern scientific rearing of livestock.
4. Nutritional gardening (medicinal plant), livelihood security
5. Crop diversification

E. Intervention suggested:

* Scope to introduce HYV of Sali rice, Boro rice, pulses and oilseeds.
* Scope to introduce rice variety suitable for flood prone area.
* Proper training on improved cultivation practices of rice, oilseeds, pulses, vegetables etc.
* Training on plant protection measures and fertilizer application

**B. "Mera Gaon Mera Gaurav" Programme:**

| Programme | Date | Venue | No. of beneficiary |
|---|---|---|---|
| Farmers Scientists interaction | 30.11.15 | Dhemajigaon | 20 |
| Training on "Composite Fish Culture" | 13.01.16 | Dhemajigaon | 25 |
| Farmers Scientists interaction | 03.03.16 | Phulaguri | 19 |
| Training on "Crop Insurance Scheme" | 04.03.16 | Phuloguri | 28 |

### 3.12. Activities of Soil and Water Testing Laboratory NA

Status of establishment of Lab :

1. Year of establishment :
2. List of equipments purchased with amount :

| Sl. No | Name of the Equipment | Qty. | Cost |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| Total | | | |

### 3. Details of samples analyzed so far :

| Details | No. of Samples | No. of Farmers | No. of Villages | Amount ( In Rupees)realized |
|---|---|---|---|---|
| Soil Samples | 1250 | 1250 | 50 | - |
| Water Samples | - | - | - | - |
| Plant Samples | - | - | - | - |
| Petiole Samples | - | - | - | - |
| Total | 1250 | 1250 | 50 | - |

### 3.13. Details of SMS/ Voice Calls sent on various priority areas

| Message type | Crop | | Livestock | | Weather | | Marketing | | Awareness | | Other Ent. | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. of Message | No. of Beneficiary | No. of Message | No. of Beneficiary | No. of Message | No. of Beneficiary | No. of Message | No. of Beneficiary | No. of Message | No. of Beneficiary | No. of Message | No. of Beneficiary | No. of Message | No. of Beneficiary |
| Text only | 52 | 550 | 65 | 240 | 61 | 129 | 178 | 919 | 12 | 250 | 15 | 400 | 205 | 1569 |
| Total | 52 | 550 | 65 | 240 | 61 | 129 | 178 | 919 | 12 | 250 | 15 | 400 | 205 | 1569 |

### 3.14 Contingency planning for 2015-16

**a. Crop based Contingency planning**

| Contingency (Drought/ Flood/ Cyclone/ Any other please specify) | Proposed Measure | Proposed Area (In ha.) to be covered | Number of beneficiaries proposed to be covered | | |
|---|---|---|---|---|---|
| | | | General | SC/ST | Total |
| Drought | Introduction of new variety or crop<br>1. Introduction of New variety GITESH | 10 ha | 15 | 10 | 25 |
| | Introduction of Resource Conservation Technologies<br>1. SRI Technique in Sali rice<br>2. Direct seeding of Sali rice | 6 ha<br>5ha | 8<br>10 | 4<br>5 | 12<br>15 |
| Flood | Distribution of seeds and planting materials<br>1. Free distribution of rice seedlings after flood | 5 ha | 10 | 8 | 18 |

**a. Livestock based Contingency planning NIL**

| Contingency (Drought/ Flood/ Cyclone/ Any other please specify) | Number of birds/ animals to be distributed | No. of programmes to be undertaken | No. of camps to be organized | Proposed number of animals/ birds to be covered through camps | Number of beneficiaries proposed to be covered | | |
|---|---|---|---|---|---|---|---|
| | | | | | General | SC/ST | Total |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

### 4.0. IMPACT

### 4.1. Impact of KVK activities (Not to be restricted for reporting period only)

| Name of specific technology/skill transferred | No. of participants | % of adoption | Change in income (Rs.) | |
|---|---|---|---|---|
| | | | Before (Rs./Unit) | After (Rs./Unit) |
| Gerbera – Red Gem ,Red Monarch | - | Gaining popularity day by day | - | - |

| | | | | |
|---|---|---|---|---|
| Training and Prunning in Assam Lemon | - | Gaining popularity day by day | - | - |
| Fertilizer Application in Coconut and Arecanut | - | 20% | - | - |
| Gladiolus | - | Gaining popularity day by day | - | - |
| Popularize vegetable crop Broccoli | - | 8% | - | - |

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

**4.2. Cases of large scale adoption**
**(Please furnish detailed information for each case)**

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

## 5.0. LINKAGES ESTABLISHED

**5.1 Functional linkage with different organizations**

| Name of organization | Nature of linkage |
|---|---|
| Coconut Development Board | Involved in Training and Method Demonstration |
| Dept. of Agriculture, Nagaon | 1. Attended Zonal Workshop<br>2. Involved in RADP programme |
| ATMA, Nagaon | KVK is member of ATMA (AMC & GB) for planning, implementation, monitoring and evaluation of programmes |
| Assam State Seed Certification Agency (ASSCA) | Certification of Seeds under Technology Showcasing |
| SIRD, Amoni | 1. Providing Resource Persons for Capacity Building Programmes<br>2. Technology backstopping |
| Assam Seed Corporation | KVK sales seed to ASC |
| Village Council and Social Mission, (NGO) | Providing Resource Persons for Capacity Building Programmes |
| IFFCO, Nagaon | Involved in Training and other programmes |
| NABARD, Nagaon | Involved in Training and other programmes |

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

**5.2 List special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies during 2015-16 NA**

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

### 5.3 Details of linkage with ATMA NA

a) Is ATMA implemented in your district Yes/No

| Sl. No. | Programme | Nature of linkage | Remarks |
|---|---|---|---|
| | | | |

### 5.4 Give details of programmes implemented under National Horticultural Mission NA

| S. No. | Programme | Nature of linkage | Constraints if any |
|---|---|---|---|
| | | | |

### 5.5 Nature of linkage with National Fisheries Development Board NA

| S. No. | Programme | Nature of linkage | Remarks |
|---|---|---|---|
| | | | |

## 6. PERFORMANCE OF INFRASTRUCTURE IN KVK DURING 2015-16

### 6.1 Performance of demonstration units (other than instructional farm)

| Sl. No. | Demo Unit | Year of estd. | Area | Details of production | | | Amount (Rs.) | | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Variety | Produce | Qty. | Cost of inputs | Gross income | |
| 1 | Goatery | | | Beetal | 3 | 3 | - | - | Rearing for breeding purpose |

**6.2 Performance of instructional farm (Crops) including seed production**

| Name of the crop | Date of sowing | Date of harvest | Area (ha) | Details of production | | | Amount (Rs.) | | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Variety | Type of Produce | Qty. | Cost of inputs | Gross income | |
| Cereals | | | | | | | | | |
| Sali Rice | 13.06.15 | 18.11.15 | 2.0 | Bahadur | Foundation seed | 90.0q | 38188.00 | | Stock is ready for sale |
| Sali Rice | 13.06.15 | 25.11.15 | 2.0 | Gitesh | Foundation seed | 35.0q | | | |
| Boro Rice | 24.12.14 | 08.06.15 | 0.5 | Swarnabh | Certified seed | 2.5 q | 5284.00 | 3630.00 | Remaining stock to be sold as non seed |
| Pulses | | | | | | | | | |
| Green gram | 19.09.15 | 15.12.15 | 1.0 | Pratap | Foundation seed | 1.7 Q | 5929.00 | 20400.00 | Damaged due to rain |
| Black gram | 18.09.15 | 16.12.15 | 1.0 | PU-31 | Foundation seed | 1.17Q | 5929.00 | 14040.00 | Damaged due to rain |
| Green gram | 15.02.16 | - | 1.0 | Pratap | Foundation seed | - | - | - | On going |
| Black gram | 29.02.16 | - | 1.0 | PU-31 | Foundation seed | - | - | - | On going |
| Dhaincha | 20.03.15 | 10.11.15 | 0.26 | S.acculata | TL | 2.04 Q | | 11700.00 | |
| Dhaincha | 29.03.16 | - | 0.52 | S.acculata | TL | - | - | - | On going |
| Oilseeds | | | | | | | | | |
| Toria | 2.11.15 | 15.02.16 | 3.0 | TS -38 | Foundation seed | 18.0 q | 13650.00 | | Stock is ready to sale |
| Linseed | 11.11.15 | 01.04.16 | 0.5 | Shekhar | Foundation Seed | - | - | - | Threshing continue |
| Spices & Plantation crops | | | | | | | | | |
| Turmeric | 20.04.15 | 10.01.16 | 0.026 | Megha turmeric 1 | TL | 4.0 | 5000.00 | - | Stock is readt to sale |

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

| Sl. No. | Name of the Product | Qty | Amount (Rs.) | | Remarks |
|---|---|---|---|---|---|
| | | | Cost of inputs | Gross income | |
| 1 | Biofertilizer | 126.0 kg | - | 6440.00 | |
| 2 | Bioveer | 135.0 kg | - | 3545.00 | |

**6.4 Performance of instructional farm (livestock and fisheries production)**

| Sl. No | Name of the animal / bird / aquatics | Details of production | | | Amount (Rs.) | | Remarks |
|---|---|---|---|---|---|---|---|
| | | Breed/ species | Type of Produce | Qty. | Cost of inputs | Gross income | |
| 1 | Goat | Beetal | - | 3 | - | - | Rearing for breeding purpose |

**6.5 Rainwater Harvesting NA**

**Training programmes conducted by using Rainwater Harvesting Demonstration Unit**

| Date | Title of the training course | Client (PF/RY/EF) | No. of Courses | No. of Participants including SC/ST | | | No. of SC/ST Participants | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Male | Female | Total | Male | Female | Total |
| | | | | | | | | | |

**6.6. Utilization of hostel facilities (Month-Wise) during 2015-16 NA**

Accommodation available (No. of beds) :

| Months | Title of the training course/Purpose of stay | Duration of Training | No. of trainees stayed | Trainee days (days stayed) | Reason for short fall (if any) |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| Total | | | | | |
| Grand total | | | | | |

Note: (Duration of the training course X No. of trainees)=Trainee days

## 7. FINANCIAL PERFORMANCE

### 7.1 Details of KVK Bank accounts

| Bank account | Name of the bank | Location/ Branch | Account Number |
|---|---|---|---|
| With Host Institute | SBI | Jorhat | 10253820770 |
| With KVK | SBI | Nagaon | 10965237291 |
| Revolving Fund | SBI | Nagaon | 30620713843 |

### 7.2 Utilization of funds under FLD on Maize *(Rs. In Lakhs) if applicable NA*

| Item | Released by ICAR/ZPD | | Expenditure | | Unspent balance as on 31st March, 2015 |
|---|---|---|---|---|---|
| | Year | Year | Year | Year | |
| Inputs | | | | | |
| Extension activities | | | | | |
| TA/DA/POL etc. | | | | | |
| **TOTAL** | | | | | |

### 7.3 Utilization of KVK funds during the year 2015 -16

| S. No. | Particulars | Sanctioned (in Lakh) | Released (in Lakh) | Expenditure (in Lakh) |
|---|---|---|---|---|
| A. Recurring Contingencies | | | | |
| 1 | Pay & Allowances | 86.00 | Available at Host Institute | 85.58 |

| | | | | |
|---|---|---|---|---|
| 2 | Traveling allowances | 1.80 | Available at Host Institute | 1.66 |
| 3 | Contingencies | | | |
| *A* | Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines) | | | 1.48 |
| *B* | POL, repair of vehicles, tractor and equipments | 3.02 | Available at Host Institute | 1.34 |
| *C* | Meals/refreshment for trainees | | | 1.67 |
| *D* | Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training) | | | 0.89 |
| *E* | Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year) | | | 0.87 |
| *F* | On farm testing (on need based, location specific and newly generated information in the major production systems of the area) | | | 0.61 |
| *G* | Training of extension functionaries | | | 3.43 |
| *H* | Maintenance of buildings/farm | | | 3.73 |
| *I* | Establishment of Soil, Plant & Water Testing Laboratory | | Available at Host Institute | |
| *J* | Library | 12.08 | | |
| TOTAL (A) | | 102.90 | | 101.26 |
| B. Non-Recurring Contingencies | | | | |
| 1 | Works | 0.00 | | |
| 2 | Equipments including SWTL & Furniture | 4.00 | | |
| a | Computer with accessories | 2.50 | | |
| b | Furniture and furnishing | 1.50 | Available at host Institute | Available at host Institute |
| 3 | Vehicle (Four wheeler/Two wheeler, please specify) | 0.00 | | |
| 4 | Library (Purchase of assets like books & journals) | 0.00 | | |
| TOTAL (B) | | 4.00 | - | - |
| C. REVOLVING FUND | | - | - | - |
| GRAND TOTAL (A+B+C) | | 106.90 | - | 101.26 |

**7.4 Status of Revolving Fund (Rs. in lakhs) for last three years**

| Year | Opening balance as on 1st April | Income during the year | Expenditure during the year | Net balance in hand as on 1st April of each year |
|---|---|---|---|---|
| April 2013 to March 2014 | 4.16674 | 4.03775 | 5.75830 | 2.44619 |
| April 2014 to March 2015 | 2.44619 | 4.68957 | 3.04097 | 4.09479 |
| April 2015 to March 2016 | 1,66125 | 5,00716 | 4,23804 | 4,01912 |

**8.0 Please include information which has not been reflected above.**

**(Write in detail)**

**8.1 Constraints**

(a) Administrative

(b) Financial

(c) Technical

(N. Deka)
Programme Coordinator
KVK, Nagaon