PROFORMA FOR ANNUAL REPORT OF KVKS, 2012-13

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, AAU, Kokrajhar, Telipara, Gossaigaon, Dist Kokrajhar, Pin.: 783360, Assam | 03669- 292704 | - | kvkkokrajhar@gmail.com |

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

| | | , | |
|---------------------------------------------------------|--------------|-----|-------------------|
| Address | Telephone | | E mail |
| | Office | FAX | |
| Assam Agricultural University, Jorhat- 785013, Assam | 0376-2340029 | - | kvk.aau@gmail.com |

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

| Name | Telephone / Contact | | | |
|------------------------|---------------------|------------|----------------------|--|
| | Residence | Mobile | Email | |
| Dr. Manoj Kumar Bhuyan | - | 9435084843 | pcmkbhuyan@gmail.com | |

1.4. Year of sanction: 1985

1.5. Staff Position (As on 31st March, 2013)

| SI. No | Sanctioned post | Name of the incumbent | Designation | Discipline | Pay Scale (Rs.) | Prese nt basic (Rs.) | Date of joinin g | Permane nt /Tempora ry | Catego ry (SC/ST / OBC/ Others) |
|-----------|---------------------------------|-----------------------------|---------------------------------|--------------------------|---------------------------------------------|-------------------------------|---------------------------|---------------------------------|------------------------------------------------|
| 1 | Programme Coordinator | Dr. M.K. Bhuyan | Programme Coordinator | Soil Science | 37400/ 67000/ - G.P. 9000/- | 52250 /- | 11- 08- 2011 | Permane nt | Gen |
| 2 | Subject Matter Specialist | Mrs S. Brahma | Subject Matter Specialist | Horticultur e | 15600/ 39,100 /- G.P. 6000/- | 24320 /- | 07- 11- 08 | Permane nt | ST |
| 3 | Subject Matter Specialist | Mr. C. R. Deka | Subject Matter Specialist | Agriculture Extension | 15600/ 39,100 /- G.P. 6000/- | 24320 /- | 07- 11- 08 | Permane nt | Gen |
| 4 | Subject Matter Specialist | Mr. M. U. Basumata ry | Subject Matter Specialist | Agronomy | 15600/ 39,100 /- G.P. 6000/- | 24320 /- | 29- 07- 09 | Permane nt | ST |

| 5 | Subject Matter Specialist | Dr. R. J. Deka | Subject Matter Specialist | Animal Science | 15600/ 39,100 /- G.P. 6000/- | 22250 /- | 06- 08- 11 | Permane nt | OBC |
|----|------------------------------------|--------------------------|----------------------------------------------|-------------------------|----------------------------------------------|-------------|------------------|---------------|-----|
| 6 | Subject Matter Specialist | - | - | - | - | - | - | - | - |
| 7 | Programme Assistant | Dr. R. B. Kayastha | Programme Assistant | Animal Science | 8000/- - 35000/ - G.P. 4900/- | 13290 /- | 04- 09- 11 | Permane nt | Gen |
| 8 | Computer Programmer | Mr. M. K. Haloi | Programme Assistant | Computer Application | 8000/- - 35000/ - G.P. 4900/- | 13290 /- | 13- 09- 11 | Permane nt | SC |
| 9 | Farm Manager | Mr. P.K. Das | Farm Manager | Entomolog y | 8000/- - 35000/ - G.P. 4900/- | 12900 /- | 12- 03- 12 | Permane nt | OBC |
| 10 | Accountant / Superintende nt | Mr. J. Bora | Accountant / Superintende nt | Accountan cy | 8000/- - 35000/ - G.P. 4900/- | 12900 /- | 22- 02- 12 | Permane nt | OBC |
| 11 | Stenographe r | Mr. M. Dutta | Stenographe r cum Computer Operator | - | 5200/- - 20200/ - G.P. 2800/- | 8000/- | 02- 04- 12 | Permane nt | Gen |
| 12 | Driver | Mr. S. Das | Driver | - | 5200/- - 20200/ - G.P 2200/- | 7400/- | 22- 02 12 | Permane nt | Gen |
| 13 | Driver | Mr. S. Ali Sk. | Driver | - | 5200/- - 20200/ - G.P 2200/- | 7400/- | 22- 02 12 | Permane nt | Gen |
| 14 | Supporting staff | Mr. R.N. Narzary | Watchman | - | 5200/- - 20200/ - G.P 2200/- | 11720 /- | 01- 11- 85 | Permane nt | ST |
| 15 | Supporting staff | Mr. D. Basumata ry | Kitchen Attendant | - | 5200/- - 20200/ - G.P 2200/- | 11720 /- | 15-11 -85 | Permanent | ST |

1.6. Total land with KVK (in ha)

| S. No. | Item | Area (ha) |
|--------|---------------------------|-----------|
| 1 | Under Buildings | 1.50 |
| 2. | Under Demonstration Units | 0.50 |
| 3. | Under Crops | 7.50 |
| 4. | Orchard/Agro-forestry | 1.50 |
| 5. | Others (specify) | - |

:

1.7. Infrastructural Development:

A) Buildings

| | | Source | Stage | | | | | |
|---------|----------------------------------------|---------|--------------------|------------------------------|----------------------|------------------|--------------------------|-------------------------------------|
| c | Name of | of | | Complete | | | Incomp | lete |
| No. | building | funding | Completion Date | Plinth area (Sq.m) | Expenditure (Rs.) | Starting Date | Plinth area (Sq.m) | Status of construction |
| 1. A | Administrative Building (Old) | ICAR | 1987-88 | 157.45 | 2.00 lakh | - | - | - |
| В | Administrative Building (New) | ICAR | - | 332 | 86.73 lakh | Feb, 2012 | | Under construction |
| 2. | Farmers Hostel | ICAR | 1987-88 | 910.10 | 14.00 lakh | - | - | Damaged, need major repairing |
| 3. | Staff Quarters | ICAR | 2003 | 132.76 | 5.98 lakh | - | - | Working |
| 4. | Demonstration Units | | | | | | | |
| А | Poultry unit | RKVY | 2010 | 45.00 | 2.19 lakh | | | Working |
| В | Piggery unit | RKVY | 2010 | 145.00 | 6.06 lkah | | | Working |
| С | Goatery Unit | RKVY | 2010 | | 1.32 lakh | | | Working |
| D | Display & demonstration unit | RKVY | - | 6 m in hexagonal shape | 4.48 lakh | | | 80% complete |
| E | Rice-fish vegetable farming unit | RKVY | 2010 | 224 running meter | 2.0 lakh | | | Working |
| F | Polyhouse | ATMA | 2011 | | 1.0 lakh | | | Working |
| G | Vermicompost unit | RKVY | 2010 | 50.0 | 1.12 lakh | | | Working |
| 5 | Fencing | ICAR | 1995 | 0.80km | 4.92 lakh | - | - | - |
| 6 | Composite fish farming | ICAR | 2012 | 5332 sq. m. | 5.94227 lakh | - | - | Working |

B) Vehicles

| Type of vehicle | Year of purchase | Cost (Rs.) | Total kms. Run | Present status |
|-----------------|------------------|------------------------------|----------------|-------------------|
| Jeep | 2006 | 490503.00/- | 87032 km | Running |
| Tractor | 2003 | Transferred from RARS, Diphu | 1002 km | Running Condition |

C) Equipments & AV aids

| Name of the equipment | Year of purchase | Cost (Rs.) | Present status |
|-----------------------|---------------------|------------|----------------|
| Amplifier | 1988 | 3202.00 | Repairable |
| Black Board | 1987 | 150.00 | Damaged |
| Calculator Machine | 1986 | 252.00 | Damaged |

| Camera | 1987 | 5544.00 | Repairable |
|---------------------------------------|-------------|-----------|-----------------|
| Desktop Computer | 2005 | 46206.00 | Working |
| Digital Camera | 2006 | 15080.00 | Working |
| Digital Camera (Sony) | 2010 | 19000.00 | Working |
| Duplicating Machine (Manual) | 1986 | 6708.26 | Damaged |
| Duplicating Machine (Automatic) | 1995 | 39050.00 | Repairable |
| Fax Machine (Brother) | 2010 | 15,190.00 | Working |
| Film Rewinder | 1988 | 179.20 | Repairable |
| Flash Gun | 1988 | 570.00 | Damaged |
| Generator | 1987 | 17360.00 | Demaged |
| Horn | 1988 | 358.00 | Working |
| Line Connecting Transformer | 1988 | 616.00 | Damaged |
| Microphone | 1988 | 1891.00 | Repairable |
| Microphone Stand | 1988 | 276.00 | Working |
| Photophone OHP | 1988 | 4256.00 | Damaged |
| Photophone Superlite Sound Projector | 1988 | 12152.00 | Repairable |
| Projection Screen | 1988 | 856.80 | Working |
| Projector Roll (Cinema) | 1988 | 196.00 | Damaged |
| Projector Screen | 1988 | 442.90 | Working |
| Slide Projector | 1988 | 4256.00 | Damaged |
| Television Set | 1988 | 10145.00 | Damaged |
| Xerox Machine (KM – 1635 MFP Printer) | 2007 | 50440.00 | Working |
| Xerox Machine (Kilburn) | 2010 | 101920.00 | Working |
| Digital Inverter (Electra – EEDI 800) | 2007 | 13540.00 | Battery damaged |
| LCD Projector | 2010 | 98331.00 | Damaged |
| UPS (Uniline-800VA FBLI UPS) | 2010 | 5964.00 | Working |
| Mechanized Grass Cutter | 2009 | 28000.00 | Working |
| Multi purpose power weeder | 2009 | 42078.00 | Working |
| Power paddy weeder | 2009 | 36254.00 | Working |
| Rice transplanter | 2009 | 188198.00 | Working |
| Earth Augar | 2009 | 56749.00 | Working |
| Water pumps (3 nos.) | 2009 & 2010 | 30,000.00 | Working |
| Seed cleaner | 2009 | 311012.00 | Working |
| Rotavator (2 nos.) | 2009 | 95805.00 | Working |
| Puddler | 2009 | 25896.00 | Working |
| Chaff cutter | 2009 | 15496.00 | Working |
| Voltage stabilizer | 2007 | 3999.00 | Working |
| Poly Sealing Machine | 2012 | 2838.00 | Working |
| Desktop Computer | 2010 | 27547.00 | Working |
| Balance | 2011 | 9591.00 | Working |
| BOD Incubator | 2011 | - | Working |
| Horizontal Leminar Flow | 2011 | - | Working |
| Ph meter | 2011 | 2270.00 | Working |
| Autoclave | 2011 | 93638.00 | Working |
| Hot Air Oven | 2011 | 36888.00 | Working |
| Incubator | 2012 | - | Working |
| Laminar Flow | 2012 | - | Working |
| Refrigerator | 2012 | 15990.00 | Working |

1.8. A). Details SAC meeting * conducted in the year: NIL

| SI.No. | Date | Name and Designation of Participants | Salient Recommendations | Action taken |
|--------|------|--------------------------------------|-------------------------|--------------|
| - | - | - | - | - |

* Attach a copy of SAC proceedings along with list of participants

2. DETAILS OF DISTRICT

| Z. I | Major farming systems/enterprises (based on the analysis made by the KVK) |
|-------|-------------------------------------------------------------------------------------|
| S. No | Farming system/enterprise |
| 1 | Agri + Horti + Dairy Cow + Goatery + Poultry + Duckery |
| 2 | Agri + Horti + Dairy Cow + Goatery + Piggery + Poultry + Duckery + Pigeon + Fishery |
| 3 | Agri + Horti + Dairy Cow + Piggery + Poultry |
| 4 | Agri + Horti + Dairy Cow + Buffalo + Piggery + Poultry + Duckery + Pigeon |
| 5 | Agri + Horti + Dairy Cow + Goatery + Poultry + Duckery + Fishery |

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

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

| S. No | Agro-climatic Zone | Characteristics |
|-------|-----------------------------------------|-----------------------------------------|
| 1. | Lower Brahmaputra Valley Zone (LBVZ) of | The climate is humid sub-tropical in |
| | Assam | nature characterised by warm – |
| | | humid summer cool – dry winter. The |
| | | monsoon months (June-September) |
| | | are wet receiving 65-70% of the total |
| | | rainfall while the winter months |
| | | (December-February) remain |
| | | virtually dry. The mean maximum |
| | | and minimum temperature varies |
| | | from 33-38°C and 8-10°C |
| | | respectively. |
| | Agro ecological situation | |
| | | Foot hills of Bhutan in northern part |
| a. | Foot hills old mountain valley | of the district. The soil is loamy to |
| | | clay, rich in organic matter |
| b. | Flood free riverine old alluvial plain | Plain areas, sandy to sandy loam |
| | | soil free from flood |
| | | Flood prone areas affected by river |
| С. | Flood prone riverine alluvial plain | Champabati, Gaurang, Saralbhang |
| | | and Sankosh |
| d. | Hills and hillocks | Hills and Hillocks areas, red clay soil |
| | | Marshy/Swampy land, water logging |
| e. | Beels | low lying areas and covered with |
| | | water hyacinth |

2.3 Soil type/s

| S. No | Soil type | Characteristics | Area in ha |
|-------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1 | Alfisols (mountain valley) | Soil is loamy to clay and built up alluvial materials washed down from the hills slope. Medium to heavy textured soil | 93658 |
| 2 | Inceptisols (old alluvium) | Soils are old riverine alluvial type. Sandy loam to loamy soil and free from flood | 162962 |
| 3 | Entisols (recent alluvium) | Soils are recent riverine alluvial plain. Sandy or | 20758 |

| | | loamy sand and light textured soil | |
|---|--------------------------|------------------------------------------------------------------------------------------------------------------------|-------|
| 4 | Ultisols (laterised red) | Old alluvial soils are found. The surface soils are generally red to reddish brown and acidic in nature | 37824 |

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

| S. No | Crop | Area (ha) | Production (Qtl) | Productivity (Qtl /ha) |
|-------|----------------------|-----------|------------------|------------------------|
| 1 | Autumn Rice | 28744 | 24649 | 8.71 |
| 2 | Winter Paddy | 54496 | 69621 | 12.97 |
| 3 | Summer Paddy | 8110 | 15955 | 19.67 |
| 4 | Maize | 1150 | 598 | 5.20 |
| 5 | Wheat | 2123 | 2481 | 11.68 |
| 6 | Black Gram | 949 | 545 | 5.75 |
| 7 | Green Gram | 100 | 49 | 4.89 |
| 8 | Lentil | 826 | 403 | 4.88 |
| 9 | Pea | 340 | 180 | 5.31 |
| 10 | Rapeseed and Mustard | 18051 | 10229 | 5.67 |
| 11 | Niger | 995 | 496 | 5.00 |
| 12 | Sesamum | 710 | 421 | 5.92 |
| 13 | Linseed | 419 | 207 | 4.93 |
| 14 | Jute | 4953 | 57158 | 20.77 |
| 15 | Mesta | 1211 | 6621 | 9.85 |
| 16 | Banana | 1271 | 20165 | 158.66 |
| 17 | Pineapple | 311 | 4652 | 149.60 |
| 18 | Papaya | 383 | 5753 | 150.22 |
| 19 | Orange | 2 | 18 | 92.49 |
| 20 | Assam Lemon | 188 | 1380 | 77.40 |
| 21 | Jackfruit | 1513 | 10820 | 96.93 |
| 22 | Arecanut | 1991 | 23924 nos | 120 no/plant/year |
| 23 | Coconut | 435 | 4058550 nos | 80 no/plant/year |
| 24 | Potato | 2721 | 30139 | 110.77 |
| 25 | Colocasia | 1514 | 16654 | 110.00 |
| 26 | Tapioca | 736 | 3522 | 47.85 |
| 27 | Sweet Potato | 361 | 1373 | 38.04 |
| 28 | Kharif Vegetables | 2971 | 45097 | 151.80 |
| 29 | Rabi Vegetables | 4083 | 84648 | 207.31 |
| 30 | Chilli | 718 | 514 | 7.16 |
| 31 | Turmeric | 403 | 315 | 7.81 |
| 32 | Ginger | 615 | 4569 | 74.30 |
| 33 | Onion | 348 | 974 | 28.00 |
| 34 | Black Pepper | 44 | 73 | 16.50 |
| 35 | Coriander | 369 | 343 | 9.20 |

2.5. Weather data

| Month | Rainfall (mm) | Tempe | erature ^o C | Relative Humi | idity (%) |
|--------------|---------------|---------|------------------------|---------------|-----------|
| | | Maximum | Minimum | Max | Min |
| April,12 | 239.6 | 28.4 | 22.2 | 88.8 | 61.2 |
| May, 12 | 241.6 | 31.6 | 24.7 | 89.8 | 65.1 |
| June,12 | 1521.6 | 31.0 | 25.3 | 89.8 | 72.3 |
| July,12 | 932.8 | 30.2 | 25.4 | 91.0 | 78.5 |
| August, 12 | 306.9 | 32.0 | 25.9 | 90.0 | 72.3 |
| September,12 | 742.4 | 31.3 | 25.1 | 91.8 | 75.3 |
| October, 12 | 248.5 | 29.9 | 23.7 | 90.0 | 66.4 |
| November,12 | 0.0 | 27.8 | 19.0 | 90.8 | 59.7 |
| December,12 | 0.0 | 24.5 | 14.1 | 91.8 | 55.2 |
| January,13 | 0.0 | 19.5 | 10.6 | 93.7 | 61.4 |
| February,13 | 18.0 | 24.9 | 15.5 | 90.8 | 54.3 |
| March,13 | 11.2 | 27.7 | 19.0 | 90.1 | 44.6 |

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

| Category | Population | Production | Productivity |
|-------------------|------------|-----------------------|----------------------|
| Cattle | | | |
| Crossbred | 536 | | 6 Itrs/day/ Animal |
| | | 15,22,156 ltrs (Milk) | |
| Indigenous | 353253 | | 750 ml/day/Animal |
| Buffalo | 14983 | | 1.5 ltrs/day/Animal |
| Sheep | | | |
| Crossbred | - | - | - |
| Indigenous | 13686 | 14,84,350 kgs (Meat) | 8 kg/ Animal |
| Goats | 159979 | | 5 kg /animal |
| Pigs | 98970 | | |
| Crossbred | 32927 | | 60 kg /Animal |
| Indigenous | 66043 | | 30 kg / Animal |
| Rabbits | | | |
| Poultry | | | |
| Hens | 189999 | 4,51,800 Nos. | 160 Nos./ year/Bird |
| Desi | | | |
| Improved | | | |
| Ducks | 132610 | | 120 Nos. /year/ Bird |
| Turkey and others | - | - | - |

| Category | Area | Production | Productivity |
|----------|------------|-------------|----------------|
| Fish | | | |
| Marine | | | |
| Inland | 3197.87 ha | 30315.80 Qt | 948.00 kg / ha |
| Prawn | | | |
| Scampi | | | |
| Shrimp | | | |

| SI.No. | Taluk | Name of the block | Name of the village | Major crops & enterprises | Major problem identified | Identified Thrust Areas |
|--------|------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Gossaigaon | Matiajuri, Rangapara, Padmabil, Joyma, Kusumbil, Bhumka, Chakma, Bashbari, Babubil, Thuribari, Bhawraguri, Natunpara, Guwabari, Sagunhara, Choto Binnyakhata, Gambaribil, Kamalsing | Boro Rice and early Ahu, Lentil, Pea Linseed, Rapeseed Vegetables, Potato Flowers | i. Low productivity of Oilseeds and Pulses due to non-adoption of recommended varieties ii. Production problem in Potato | i. Popularisation of HYV of Summer and Boro rice ii. Introduction of high yielding Pulse and Oilseed varieties iii. Commercial potato and fruit production |
| 1 | | Hatidhura | Jacobpur, Fwilaguri, Majadabri, Kamandanga, Haripur, Tamahat, Simaltapu, Grahampur, Srirampur, Palashkandi | Rice, Maize, Rapeseed, Niger, Wheat, Vegetables, Goatery | i. Poor yield in Oilseeds and Pulses ii. Pest and Disease problem iii. Low productivity due to rearing of local breed of goat iv. Sandy and light textured soil | i.Popularisation of improved varieties of Oilseed and Pulse ii. Integrated Pest and Disease management iii. Improvement of productivity of Goatery iv. Soil health and fertility management |
| | Gossaigaon | Kachugaon | Ballamguri, Malaguri, Bhadiaguri, Ballimari, Jaymaguri, Dawaguri, Goladangi, Bajugaon, Jaraguri, Maktaigaon, Bhomrabil, Saraibil, Mothambil, Nasrabil, Borobadha, Burichattam, Haoriapet, Hashraobari, Hatigarh, Garufella, Sapkata, Gakulkata, Polashguri, Kachugaon | Rice, Maize, Vegetables, Rapeseed, Lentil, Pea, Buckwheat, Niger Beekeeping | i. Pre and Post Production problem in Vegetables ii. Poor fertility status of soil iii. Lack of scientific knowledge and skills about rearing of honey bee | i. Low volume – high value Vegetables ii. Soil health and fertility management iii. Commercial fruit production and processing iv. Popularisation of Beekeeping |

2.6 Details of Operational area / Villages (2012-13)

| 2 | Kokrajhar | Titaguri | Debargaon, Narabari, Gendrabil, Kunthaibari, Titaguri, Sukanjhara, Chandrapara, Simborgaon, Uttar Patgaon, Amguri, Jharbari, Ghoramari, Bhumki, Dakhin Karigaon, Dawkibari, Kakrighola, Nayekgaon, Bandarmari, Harighola, Harigaon, Bamungaon, Diplaibil, Salakati, Bandarchara, Chautaki, Bangaldoba | Piggery, Poultry, Aqua-farming, Sericulture, Agro- forestry, Winter vegetables, | i. Low production of meat and egg ii. Fish seed formulation, feeding technology and pond management iii. Poor quality and low yield of worm due to traditional rearing method iv. Dearth of scientific knowledge regarding agro-forestry plantation | i. Rearing of Pig and Poultry ii. Integrated Fish farming iii. Rearing of Eri, Muga and Silk worm iv. Agro-forestry plantation technology v. Spice production and value addition |
|---|-------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Dotma | Angthihara, Simlaguri, Batabari, Dotma, Barshijhora, Umanagar, Baldiapathan, Fakiragram, Saktiashram, Chithilaghop, Athiabari, Ghoshkata, Sikargaon, Laudanga, Dangarkuti, Bhalukmari, Puthimari, Lakhnabari, Ramfalbil, Serfanguri, Medhipara, Pratapkahat | Dairy, Piggery, Mushroom, Fruit preservation,Tailoring and Stitching | i. Low productivity and management problem in Dairy and Piggery ii. Lack of scientific knowledge about mushroom production iii. Storage problem of fruit iv. Lack of technical knowledge and skills regarding tailoring, stitching and knitting | i.Improvement of productivity of Dairy ii. Rearing of Pig iii. Production techniques of Mushroom iv. Processing of fruit v. Tailoring, Knitting and Embroidery techniques for women |
| 3 | Parbatjhora | Rupsi | Kajigaon, Manglajhora, Tipkai, Molandubi, Kurshakati | Ahu, Boro rice, Rapeseed, Potato, Summer vegetables | i. Low yield of Rice due to growing of local varieties ii. Production and management problem of vegetables and spices iii. Pest and Disease problem | i. Popularisation of HYV of Summer, Sali and Boro rice ii. Low volume – high value Vegetables iii. Spice production and value addition iv. Integrated Pest and Disease management |

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2012-13

| Discipline | OFT (Tee | chnology Asses | sment and | d Refinement) | FL | D (Oilseeds, Pu Crops/En | lses, Maiz terprises) | e, Other |
|---------------------|----------|----------------|-----------|---------------------|------|-----------------------------|--------------------------|--------------|
| | Numb | per of OFTs | Numbe | r of Farmers | Numb | per of FLDs | Numbe | r of Farmers |
| | Targets | Achievement | Targets | Targets Achievement | | Achievement | Targets | Achievement |
| Agronomy | 4 | 2 | 17 | 6 | 36 | 0 | 36 | 0 |
| Animal Husbandry | 6 | 3 | 22 | 7 | 2 | 7 | 3 | 6 |
| Horticulture | 2 | 2 | 8 | 7 | 1 | 1 | 5 | 5 |
| Soil Science | 6 | 1 | | 3 | 14 | 8 | 14 | 8 |

| Training (including sponsored, vocational and other train carried under Rainwater Harvesting Unit) | | | | | | | | Extensio | n Activities | ; | |
|-------------------------------------------------------------------------------------------------------|-----------|---------|------------|-----------|---------------------------|------------|----------------------|----------------------|--------------|---------------------------|--|
| | 3 | | | | | | | | 4 | | |
| Num | ber of Co | urses | | Nu Par | Number of Participants | | Number of activities | | Nu pai | Number of participants | |
| Clientele | Targets | Achie | vement | Targets | Achiev | ement | Targets | Achievement | Targets | Achievement | |
| Farmers | - | - | | - | - | | 1072 | 678 | 2546 | 5536 | |
| Rural youth | - | - | | - | - | | | | | | |
| Extn. | - | - | | - | - | | | | | | |
| Functionaries | | | | | | | | | | | |
| | | | | | | | | | | | |
| | Seed I | Product | tion (Qt.) | | | | | Planting mate | rial (Nos.) | | |
| | | 5 | | | | | 6 | | | | |
| Та | arget | | Achieve | ement | | Target Ach | | nievement | | | |
| Sali rice (var-Ranjit)-200 473. | | 473.8 | | - | | - | | | | | |
| Boro rice (VarKanalata)-50 | | 15.0 | | - | | - | | | | | |
| Buck wheat-1.5 | | | - | | - | | - | | | | |
| Nizer-0.5 | | | | - | | - | | - | | | |

3.B. Abstract of interventions undertaken

| | | | | | | Interven | tions | | |
|----------|---------------------------------|---------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| S. No | Thrust area | Crop / Ente rpris e | ldentified problems | Title of OFT if any | Title of FLD if any | Title of Training if any | Title of trainin g for extensi on person nel if any | Extension activities | Supply of seeds, planting material s etc. |
| 1 | Varieta I perfor mance | fodde r | poor milk yield due to Shortage of green fodder | Performanc e Of Different Perennial Grass Grown Under Recommen ded Package Of Practices In Kokrajhar District | - | scientific productio n technolog y of fodder crops | - | Field visit and group discussion and demonstrati on | Use of rooted slips of setaria, hybrid napier, guinea etc. and fertilizer etc. |

| 2 | Integra ted farming system | Rice & Duck | Low income of farmer due to monocropping of Sali rice | Integrated Rice-Duck Farming System | - | - | - | Field visit and demonstrati ons | 150 nos of ducklins |
|---|-------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---|------------------------------------------|-------------------------------------------------------------------------------------|
| 3 | Vegeta ble produc tion | Fren ch bean | Low yield of local varieties of French bean | Performan ce assessmen t of French Bean variety- Arka Anoop | - | Training of the beneficiar ies on scientific productio n technolog y of French bean | - | Field visit, Monitoring | Seeds of French bean, Agro- Chemical and fertilizers |
| 4 | Fruit produc tion | Bana na | Lack of knowledge and awareness about denavelling practices in banana resulting in low bunch weight. | Enhancem ent of bunch size in banana by denavelling and post- shooting feeding of N, K and S through distal stalk and rachis | | Training of the beneficiar ies on scientific productio n technolog y banana | - | Field visit, Monitoring | Sulphate of Potash, Urea, FYM, polythene bag & plastic rope |
| 5 | Tuber produc tion | Potat o | Low yield of conventional tubers | - | potato Cultivation using TPS (92PT 27) | Training on productio n technolog y of TPS | - | Field visit, Monitoring, Field Day | TPS , fertilizers , agro- chemical s |
| 6 | Breed Improv ement | Lives tock | Slow growth rate of indigenous Pig | Introductio n of Artificial Inseminatio n in cross bred female Pig with Hampshire boar semen under backyard farming system. | - | Artificial Inseminat ion in Pig for better breeding manage ment | - | Field visit and demonstrat ion | Use of AI using Hampshi re Boar semen |

| 7 | | Poult ry | Low productivity of the indigenous ducks. | Introductio n of Broiler Ducks (Vigova Super-M) in backyard manageme ntal condition. | Production performan ce of Vanaraja birds in backyard under natural manageme ntal condition. | Backyard Poultry Farming- different breeds and Its scientific manage ment | - | Field visit and demonstrat ion | 50 nos. of Vigova Super – M duckling, and 100 nos of Vanaraja chicks |
|----|-------------------------------|---------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 8 | Feedin g Manag ement | Poult ry | Low productivity of the indigenous ducks. | Production performanc e of chara chemballi ducks in backyard under natural manageme ntal condition | - | Raising of Chara- chembali ducks in backyard condition | - | Field visit and demonstrat ion | 100 nos. of Chara chemballi ducklings |
| 9 | Health Manag ement | Lives tock | High mortality and malnutrition of Pig reared under backyard condition | - | Preventive health care manageme nt of Pig reared under backyard condition | Healthcar e manage ment of Livestock during rainy season | - | Field visit and demonstrat ion | Vaccines , medicine s and feed supplem ents |
| 10 | Soil health | Rice - Rape seed | Low use of chemical fertilizer and no use of indigenous azolla | Nitrogen manageme nt in rice- rice sequence | Nitrogen supplemen t through azolla in rice- rapeseed sequence | 1. Soil fertility manage ment for cultivatio n of Sali rice 2. Conventi onal method of azolla cultivatio n and its applicatio n | | Field visit and group discussion and demonstrati on | Seed, chemical fertilizers , pesticide s, polythen e for azolla |
| 11 | Soil microb es | Verm icom post | Low production of vermicompost due to poor quality earthworm | Vermicomp ost production technology | - | Productio n and use of bio inputs by farmer | - | Field visit, demonstrati on, field day | Earthwor m |

3.1 Achievements on technologies assessed and refined

| Thematic areas | Cereals | Oilseeds | Pulses | Commercial Crops | Vegetables | Fruits | Flower | Plantation crops | Tuber Crops | TOTAL |
|----------------------------------------------------|---------|----------|--------|---------------------|------------|--------|--------|---------------------|----------------|-------|
| Varietal Evaluation | - | - | - | - | 1 | - | - | - | 1 | 2 |
| Seed / Plant production | - | - | - | - | - | - | - | - | - | - |
| Weed Management | - | - | - | - | - | - | - | - | - | - |
| Integrated Crop Management | 1 | - | - | - | - | 1 | - | - | - | 2 |
| Integrated Nutrient Management | - | - | - | - | - | - | - | - | - | - |
| Integrated Farming System | 1 | - | - | - | - | - | - | - | - | 1 |
| Mushroom cultivation | - | - | - | - | - | - | - | - | - | - |
| Drudgery reduction | - | - | - | - | - | - | - | - | - | - |
| Farm machineries | - | - | - | - | - | - | - | - | - | - |
| Value addition | - | - | - | - | - | - | - | - | - | - |
| Integrated Pest Management | - | - | - | - | - | - | - | - | - | - |
| Integrated Disease Management | - | - | - | - | - | - | - | - | - | - |
| Resource conservation technology | - | - | - | - | - | - | - | - | - | - |
| Small Scale income generating enterprises | - | - | - | - | - | - | - | - | - | - |
| ΤΟΤΑΙ | 2 | - | - | - | 1 | 11 | - | - | 1 | 5 |

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

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

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

| Thematic areas | Cereals | Oilseeds | Pulses | Commercial Crops | Vegetables | Fruits | Flower | Plantation crops | Tuber Crops | TOTAL |
|--------------------------------------|---------|----------|--------|---------------------|------------|--------|--------|---------------------|----------------|-------|
| Varietal Evaluation | - | - | - | - | - | - | - | - | - | - |
| Seed / Plant production | - | - | - | - | - | - | - | - | - | - |
| Weed Management | - | - | - | - | - | - | - | - | - | - |
| Integrated Crop Management | - | - | - | - | - | - | - | - | - | - |
| Integrated Nutrient Management | - | - | - | - | - | - | - | - | - | - |

| | Integrated | - | - | - | - | - | _ | - | - | - | - |
|---|--------------|---|---|---|---|---|---|---|---|---|---|
| | Farming | | | | | | | | | | |
| | System | | | | | | | | | | |
| | Mushroom | - | - | - | - | - | - | - | - | - | - |
| | cultivation | | | | | | | | | | |
| | Drudgery | - | - | - | - | - | - | - | - | - | - |
| | reduction | | | | | | | | | | |
| | Farm | - | - | - | - | - | - | - | - | - | - |
| | machineries | | | | | | | | | | |
| | Post Harvest | - | - | - | - | - | - | - | - | - | - |
| | Technology | | | | | | | | | | |
| | Integrated | - | - | - | - | - | - | - | - | - | - |
| | Pest | | | | | | | | | | |
| | Management | | | | | | | | | | |
| | Integrated | - | - | - | - | - | - | - | - | - | - |
| | Disease | | | | | | | | | | |
| | Management | | | | | | | | | | |
| | Resource | - | - | - | - | - | - | - | - | - | - |
| | conservation | | | | | | | | | | |
| | technology | | | | | | | | | | |
| | Small Scale | - | - | - | _ | - | _ | - | - | - | _ |
| | income | | | | | | | | | | |
| | generating | | | | | | | | | | |
| ļ | enterprises | | | | | | | | | | |
| ļ | TOTAL | - | - | - | - | - | - | - | - | - | - |
| | | | | I | 1 | 1 | 1 | I | | 1 | |

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

| Thematic areas | Cattle | Poultry | Sheep | Goat | Piggery | Rabbitary | Fisheries | TOTAL |
|----------------------|--------|---------|-------|------|---------|-----------|-----------|-------|
| Evaluation of Breeds | - | 1 | - | - | 1 | - | - | 2 |
| Nutrition Management | - | - | - | - | - | - | - | - |
| Disease of | - | - | - | - | - | - | - | - |
| Management | | | | | | | | |
| Value Addition | - | - | - | - | - | - | - | - |
| Production and | - | 1 | - | - | - | - | - | 1 |
| Management | | | | | | | | |
| Feed and Fodder | - | - | - | - | - | - | - | - |
| Small Scale income | - | - | - | - | - | - | - | - |
| generating | | | | | | | | |
| enterprises | | | | | | | | |
| TOTAL | - | 2 | - | - | 1 | - | - | 3 |

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

| Thematic areas | Cattle | Poultry | Sheep | Goat | Piggery | Rabbitry | Fisheries | TOTAL |
|----------------------|--------|---------|-------|------|---------|----------|-----------|-------|
| Evaluation of Breeds | - | - | - | - | - | - | - | - |
| Nutrition Management | - | - | - | - | - | - | - | - |
| Disease of | - | - | - | - | - | - | - | - |
| Management | | | | | | | | |
| Value Addition | - | - | - | - | - | - | - | - |
| Production and | - | - | - | - | - | - | - | - |
| Management | | | | | | | | |
| Feed and Fodder | - | - | - | - | - | - | - | - |
| Small Scale income | - | - | - | - | - | - | - | - |
| generating | | | | | | | | |
| enterprises | | | | | | | | |
| TOTAL | - | - | - | - | - | - | - | - |

11). Results of On Farm Trials

| Title of OFT | Problem Diagnosed | Technology Assessed | 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 |
|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------|
| Nitrogen management in rice- rice sequence | Improper N management | 40:20:20:N:P2O5:K2O kg/ha + ZnSO4 (25kg/ha) + FYM (5t/ha) in sequence | 3 | Performance of Sali paddy under recommended fertilizer dose 17.07% better than farmers' practice. Boro paddy is at growing stage | The technology is useful as there is yield increase | Fertilizer dose may be enhanced | 1:2.29 |
| Performance of different Perennial Grass Grown Under Recommended Package Of Practices In Kokrajhar District | Poor milk yield due to shortage of green fodder | Growing of perennial grasses under recommended package of practices | 3 | The highest green fodder yield was recorded in setaria grass over the other perennial grass | The farmer are interested to adopt the technology | Rooted slips of fodders are not locally available | 2.5:1 |
| Integrated Rice- Duck Farming System | Low income of farmer due to monocropping of Sali rice | Integration of 150 nos ducks/0.4 ha in Sali rice without application of weedicide, pesticide and fertilizer | 3 | The farmer were impressed due to increased grain yield of Sali rice in rice – duck integrated farming system | The farmer are interested to adopt the technology | Ducklings are not available in time | 3.1 |
| Enhancement of Bunch Size in Babana | Lack of knowledge and awareness on denavelling practices | Application of 7.5 g urea + 7.5 g sulphate of potash + 500 g fresh cowdung in 100 ml water and applied to the denavelled end of banana bunch and covered with polythene bag | 3 | Yield= 58.51 t/ha (treated) = 32.43 t/ha (control) Bunch wt./plant= 25.80 kg (treated) =14.30 kg (Control) | Technology was accepted by the farmers as it significantly increases the bunch weight of banana | The technology is not yet common | 4.9 (Demo) 4.0 (Local check) |

| Performance assessment of French bean variety- Arka Anoop | Low yield of local variety | High yielding variety of French bean var- Arka Anup | 4 | Average green pod yield= 16.43 t/ha(high yielding) =9.63 t/ha (Local) | Farmers accepted the high yielding variety over local variety. | Seeds of Arka Anoop not locally available | 3.07 (Demo) 1.86 (Local check) |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------|
| Introduction of Artificial Insemination in cross bred female Pig with Hampshire boar semen under backyard farming system. | Slow growth rate of indigenous pigs. | Use of Artificial Insemination technology in field condition using Hampshire semen. | 2 | Successful AI has been done in two animals on 7/10/12 and 19/1/13 Date of furrowing of 1st animal: 31/1/13 No. of piglet born: 7 (3 M + 4 F) Av. Litter weight at birth: 1.4kg. | Farmer are interested to adopt the technology | Use of the technology is economical to the farmers | - |
| Introduction of Broiler Ducks (Vigova Super- M) in backyard managemental condition. | Low productivity of the indigenous ducks. | Vigova Super-M ducks as quality inputs | 2 | Laying started, in progess (Observation will be 72 weeks) | Farmers showed shift of preference from rearing of indigenous birds | Input is not readily available as per the demand | - |
| Production performance of chara chemballi ducks in backyard under natural managemental condition | Low productivity of the indigenous ducks. | chara chemballi ducks | 2 | Laying started, in progess (Observation will be 72 weeks) | Farmers showed shift of preference from rearing of indigenous birds | Input is not readily available as per the demand | - |

*Field crops – kg/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

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2012-13 and recommended for large scale adoption in the district

| S. No | Crop/ Enterprise | Technology demonstrated | Horizontal spread of technology | | | | | |
|----------|-----------------------------|------------------------------------------------------------------------------------------|---------------------------------|----|----------------|----|------------|----|
| | | | No. villages | of | No. farmers | of | Area ha | in |
| 1 | Poultry | Production and performance of Vanaraja Birds | 5 | | 45 | | | |
| 2 | Rape seed | Use of high yielding variety (TS-38) | 6 | | 52 | | 375 | |
| 3 | Spices (Turmeric) | Performance of Turmeric variety- Megha Turmeric-1 | 6 | | 10 | | 1.3 | |
| 4 | Tuber crop (Potato- TPS) | Potato cultivation Using TPS (92PT27) | 6 | | 10 | | 1.3 | |
| 5 | Rice- Rapeseed | 50% supplementation of recommended dose of N through azolla in rice, rests as recommeded | 4 | | 8 | | 3.5 | |

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

b. Details of FLDs implemented 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.)

| SI. No. | Crop | Thematic area | Technology Demonstrated | Season and year | n Area (ha) ar | | No. der | of farme monstratio | rs/ on | Reasons for shortfall in achievement | Farming situation (Rf/ Irrigated, Soil type, altitude, etc) | Sta N | atus of (Kg/ha | soil) K |
|------------|-------------------|------------------------|-------------------------------------------------------------------------------|-----------------------------------------|-------------------|--------|------------|------------------------|-----------|--------------------------------------------|-------------------------------------------------------------------------------|----------|-------------------|----------------|
| | | | | | Proposed | Actual | SC/ST | Others | Total | | , , , , , , , , , , , , , , , , , , , | | | |
| 1 | Potato (TPS) | Varietal Evaluation | TPS (92PT-27) | Rabi, 2012 | 0.65 | 0.65 | 5 | - | 5 | Nil | Rf, Sandy Ioam | М | L | L |
| 2 | Rice- Rapeseed | Soil health | 50% supplementation of recommended dose of N through azolla in | Kharif, 2012, Rabi 2012- 13 | 1.0 | 1.0 | 5 | - | 5 | Nil | Rainfed, Clay Ioam to sandy Ioam | M | L | М |

| | | | | | | | 18 | |
|--|----------------|--|--|--|--|--|----|--|
| | rice, rests as | | | | | | | |
| | recommeded | | | | | | | |

Performance of FLD

| | | De | emo Yi | eld | Yield | Data on p in rela techn demon | barameter tion to ology strated | Average N | Economic Im | pact | Patio | Technical Feedback on the Demonstrated Technology | Farmers' Reaction on specific Technologies |
|------------|----------------------------------------------------------|-------------|-------------|-------------|------------------------------|---------------------------------------------|--------------------------------------------|----------------------|---------------------------|--------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| SI. No. | Сгор | | Qtl/ha | | of local Check Qtl./ha | (Yield, I incidenc specifie Progra | Disease e, etc. as d in FLD amme) | (Profit) (Demo | Rs./ha) Local Check | Demo | Local Check | | |
| | | Н | L | Α | | Demo | Local | | | | | | |
| 1 | 2 | 7 | 8 | 9 | 10 | 12 | 13 | | | | | | |
| 1 | Potato (TPS) | 300 | 200 | 250 | 150 | 250 q/ha | 250 q/ha 150 q/ha 150 q/ha | | 58,174.88 | 4.59 | 1.94 | TPS recorded higher tuber yield and resistance to disease as compared to conventional potato tubers with a cost benefit ratio of 4.59 compared to 1.94 recorded by conventional tubers | Farmers accepted the TPS technology over conventional tubers |
| 2 | Rice- Rapeseed - <i>Sali</i> rice - Rapeseed | 5.40 7.7 | 4.20 6.8 | 50.3 7.3 | 43.5 q 6.5 q | 50.3 q 7.3 q | 43.5 q 6.5 q | 41360.00 20050.00 | 33200.00 16850.00 | 2.17 2.19 | 1.74 1.84 | 15.6% increase in yield of <i>Sali</i> rice and 17.28% increase in yield of rapeseed | As azolla is locally available farmers expressed eagerness to use azolla to supplement N for paddy |

NB: Attach few good action photographs with title at the back with pencil

Extension and Training activities under FLD

| SI.No. | Activity | No. of activities organised | Date | Number of participants | Remarks |
|--------|--------------------------------------|-----------------------------|----------|------------------------|---------|
| 1 | Field days | 1 | 25.3.13 | 40 | |
| 2 | Farmers Training | 1 | 08.01.13 | 27 | |
| 3 | Media coverage | | | | |
| 4 | Training for extension functionaries | | | | |

c. Details of FLD on Enterprises

(i) Farm Implements

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

| | | | | 19 |
|------|--|--|--|----|
| | | | | |
| | | | | |

* Field efficiency, labour saving etc.

(ii) Livestock Enterprises

| Enterprise | Breed | No. of farmers | No. of animals, poultry birds | Performance parameters / | * Data on parame to technology de | ter in relation monstrated | % change in the parameter | Remarks |
|------------|-------------------|----------------|----------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------|-------------|
| Livestock | Pig | 2 | etc. 2 | Growth rate and occurrence of disease | Pigs are in growing stage Av. Weaning wt.: 7 kg Av. Wt. at 5 months: 43 kg | Local check | - | In progress |
| Poultry | Vanaraja Birds | 4 | 100 birds | Weight gain in backyard, age at first lay, hens' egg production | Laying started (Observation will be made upto 72 weeks) Age at 1st Lay: 168 days | - | - | In progress |

* Milk production, meat production, egg production, reduction in disease incidence etc.

(iii) Other Enterprises

| Enterprise | Variaty/broad/Spacias/othera | No. of formore | No. of | Performance | Data on parame to technology d | eter in relation emonstrated | % change in the | Bomorko |
|---------------|-------------------------------|------------------|--------|--------------------------------------------------------------------------------------|-----------------------------------|---------------------------------|-----------------|-----------------------------------------------------------------------|
| Enterprise | variety/ breed/species/others | NO. OF TAILINEIS | Units | indicators | Demon. | Local check | parameter | Remarks |
| Mushroom | - | - | - | - | - | - | - | - |
| Apiary | - | - | - | - | - | - | - | - |
| Sericulture | - | - | - | - | - | - | - | - |
| Vermi compost | Eisenia foetida | 4 | 4 | Vermicompost yield Time of completion of composting | 4.5 q in 3 m ³ | 2.9q in 3 m ³ | 55.17 | 1 month saving in time of vermicomposting with <i>E foetida</i> |

Achievements on Training both on and Off Campus (Including the sponsored, vocational, FLD and trainings under Rainwater Harvesting Unit) :

| | No | o. of co | ourses | es Participants Others SC/ST Total | | | | | | | | | | | | | | | | | | |
|------------------------------------|------|----------|--------|---------------------------------------|-----|-----|------|----|-----|----|-----|-----|------|----|------|----|------------------|------------|------|----|-----|--------------|
| Thomatic area | | | | Others SC/ST Total | | | | | | | | | | | | | Grand | | | | | |
| Thematic area | On | Off | Total | Μ | ale | Fen | nale | To | tal | Μ | ale | Fer | nale | То | otal | M | <mark>ale</mark> | Fer | nale | To | tal | Total |
| | | | | On | Off | On | Off | On | Off | On | Off | On | Off | On | Off | On | Off | On | Off | On | Off | |
| (A) FARMERS & F | 'ARM | WOM | IEN | | | | | | | | | | | | | | | | | | | |
| I. Crop Production | | | | | | | | | | | | | | | | | | | | | | |
| Weed Management | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Resource Conservation | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Technologies | | | | | | | | | | | | | | | | | | | | | | |
| Cropping Systems | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Crop Diversification | - | 2 | 2 | - | 1 | - | - | - | 1 | - | 39 | - | 10 | - | 49 | - | 40 | - | 10 | - | 50 | 50 |
| Integrated Farming | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Water management | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Seed production | - | 1 | 1 | - | - | - | - | - | - | - | 21 | - | 4 | - | 25 | - | 21 | - | 4 | - | 25 | 25 |
| Nursery | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| management | | | | | | | | | | | | | | | | | | | | | | |
| Integrated Crop Management | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Fodder production | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Production of | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| organic inputs | | | | | | | | | | | | | | | | | | | | | | |
| II. Horticulture | | | | | | | | | | | | | | | | | | | | | | |
| a) Vegetable Crops | | | | | | | | | | | | | | | | | | | | | | |
| Production of low volume and high | - | 3 | 3 | - | 29 | - | - | - | 29 | - | 50 | - | 2 | - | 52 | - | 79 | - | 2 | - | 81 | 81 |
| value crops | | | | | | | | | | | | | | | | | | | | | | |
| Off-season | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| vegetables | | | | | | | | | | | | | | | | | | | | | | |
| Nursery raising | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Exotic vegetables like Broccoli | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Export potential vegetables | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Grading and standardization | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |

| Protective cultivation (Green Houses, Shade Net etc.) | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
|----------------------------------------------------------------|-----|---|---|---|---|---|---|---|---------|--------|-------|---|----|---|----|---|----|---|----|---|----|----|
| b) Fruits | | | | 1 | I | I | | | | | | | | | | | | | | | | |
| Training and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Pruning | | | | | | | | | | | | | | | | | | | | | | |
| Layout and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Management of | | | | | | | | | | | | | | | | | | | | | | |
| Orchards | | | | | | | | | | | | | | | | | | | | | | |
| Cultivation of Fruit | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Management of | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| young plants/orchards | | | | | | | | | | | | | | | | | | | | | | |
| Rejuvenation of | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| old orchards | | | | | | | | | | | | | | | | | | | | | | |
| Export potential | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| fruits | | | | | | | | | | | | | | | | | | | | | | |
| Micro irrigation | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| systems of | | | | | | | | | | | | | | | | | | | | | | |
| orchards | | | | | | | | | | | | | | | | | | | | | | |
| Plant propagation | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| c) Ornamental Plan | nte | | | | | | | | | | | | | | | | | | | | | |
| Nurserv | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Management | | | | | | | | | | | | | | | | | | | | | | |
| Management of | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| potted plants | | | | | | | | | | | | | | | | | | | | | | |
| Export potential of | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| ornamental plants | | | | | | | | | | | | | | | | | | | | | | |
| Propagation | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| techniques of | | | | | | | | | | | | | | | | | | | | | | |
| Ornamental Plants | | | | | | | | | | 1 | | | | | | | | | | | | |
| Dec 1 of a second | 1 | 1 | 1 | | 1 | | | | i) Plan | tation | crops | 1 | | 1 | | | 1 | | | r | 1 | |
| Management | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| technology | | | | | | | | | | | | | | | | | | | | | | |
| Processing and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| value addition | | | | | | | | | | | | | | | | | | | | | | |
| e) Tuber crops | ı | | | | 1 | 1 | 1 | ı | 1 | | ı | ı | 1 | | 1 | 1 | ۱ | 1 | 1 | | | |
| Production and | - | 2 | 2 | - | - | - | - | - | - | - | 30 | - | 23 | - | 53 | - | 30 | - | 23 | - | 53 | 53 |

| Management | | | | | | | | | | | | | | | | | | | | | | |
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| technology | | <u> </u> | ─── | ── | ── | ── | ┥──── | ' | | | | | | | | ─── | ─── | <u> </u> | ── | <u> </u> | ── | |
| Processing and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| value addition | | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | ' | | | | | | | | L | <u> </u> | <u> </u> | | | | |
| f) Spices | 1 | | | | | | | | 1 | | | 1 | r | r | | · | | | | | | |
| Production and | - | 1 | 1 | - | - | - | - | - | - | - | 26 | - | - | - | 26 | - | 26 | - | - | - | 26 | 26 |
| Management | | | | | | | | | | | | | | | | | | | | | | |
| technology | | | | | <u> </u> | <u> </u> | | | | | | | | | | L | | | | | | |
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| g) Medicinal and Ar | romati | ic Plan | its | . <u> </u> | <u> </u> | | | | | | | | | | | <u> </u> | | | | | | |
| Nursery | | | | | | | | | | | | | | | | | | | | | | |
| management | | | | | | | | | | | | | | | | | | | | | | |
| Production and | | | | | | | | | | | | | | | | | | | | | | |
| management | - | 1 | 1 | - | - | - | - | - | - | - | 11 | - | 14 | - | 25 | - | 11 | - | 14 | - | 25 | 25 |
| technology | | | | | | | | | | | | | | | | | | | | | | |
| Post harvest | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| technology and | | | | | | | | | | | | | | | | | | | | | | |
| value addition | | | | | | | | | | | | | | | | | | | | | | |
| III Soil Health and | Fertili | ty Mar | nagement | , | | | | | | | | | | | | | | | | | | |
| Soil fertility | | 4 | 4 | | 2 | | 24 | | 24 | | 70 | | 1 | | 70 | | 01 | | 22 | | 102 | 102 |
| management | - | 4 | 4 | - | 3 | - | 21 | - | 24 | - | /0 | - | | - | 79 | - | 01 | - | 22 | - | 103 | 103 |
| Soil and Water | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Conservation | | | | | | | | | | | | | | | | | | | | | | |
| Integrated Nutrient | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Management | | | | | | | | | | | | | | | | | | | | | | |
| Production and use | | 2 | 2 | | 27 | | | | 27 | | 24 | | | | 24 | | 51 | | | | 51 | 51 |
| of organic inputs | - | 2 | 2 | - | 21 | - | - | - | 21 | - | 24 | - | - | - | 24 | - | 51 | - | - | - | 51 | 51 |
| Management of | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Problematic soils | | | | | | | | | | | | | | | | | | | | | | |
| Micro nutrient | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| deficiency in crops | | | | | | | | | | | | | | | | | | | | | | |
| Nutrient Use | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Efficiency | | | | | | | | | | | | | | | | | | | | | | |
| Soil and Water | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Testing | | | | | | | | | | | | | | | | | | | | | | |
| IV Livestock Produ | ction a | and M | anagemer | nt | 4 | | | | | | | 1 | | | | | | 1 | 1 | | | |
| Dairy Management | - | 1 | 1 | - | 24 | - | - | - | 24 | - | - | - | - | - | 1 | - | 25 | - | - | - | 25 | 25 |
| Poultry | | | | - | - | - | 51 | - | 51 | - | 20 | - | 5 | - | 25 | - | 20 | - | 51 | - | 76 | 76 |
| Management | - | 3 | 3 | | | | • | | • | | | | • | | | | | | • | | | |
| Piggery | - | 3 | 3 | - | 3 | - | - | - | 3 | - | 73 | - | - | - | 73 | - | 76 | - | - | - | 76 | 76 |
| | | | | 1 | | 1 | 1 | 1 1 | | 1 | | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | | |

| Management | | | | | | | | | | | | | | | | | | | | | | |
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| Goat | | 4 | 1 | - | - | - | 13 | - | 13 | - | - | - | 10 | - | 10 | - | - | - | 23 | - | 23 | 23 |
| Management | - | | 1 | | | | | | | | | | | | | | | | | | | |
| Rabbit | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Management | | | | | | | | | | | | | | | | | | | | | | |
| Disease | | | 0 | - | 16 | - | 10 | - | 26 | - | 25 | - | - | - | 25 | - | 41 | - | 10 | - | 51 | 51 |
| Management | - | 2 | 2 | | | | | | | | | | | | | | | | | | | |
| Farm management | - | 1 | 1 | - | 6 | - | 18 | - | 24 | - | 1 | - | - | - | 1 | - | 7 | - | 18 | - | 25 | 25 |
| Feed management | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Production of | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| quality animal | | | | | | | | | | | | | | | | | | | | | | |
| products | | | | | | | | | | | | | | | | | | | | | | |
| V Home Science/W | omen | empow | verment | | | | | | | | | | | | | | | | | | | |
| Household food | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| security by kitchen | | | | | | | | | | | | | | | | | | | | | | |
| gardening and | | | | | | | | | | | | | | | | | | | | | | |
| nutrition gardening | | | | | | | | | | | | | | | | | | | | | | |
| Design and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| development of | | | | | | | | | | | | | | | | | | | | | | |
| low/minimum cost | | | | | | | | | | | | | | | | | | | | | | |
| diet | | | | | | | | | | | | | | | | | | | | | | |
| Designing and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| development for | | | | | | | | | | | | | | | | | | | | | | |
| high nutrient | | | | | | | | | | | | | | | | | | | | | | |
| efficiency diet | | | | | | | | | | | | | | | | | | | | | | |
| Minimization of | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| nutrient loss in | | | | | | | | | | | | | | | | | | | | | | |
| processing | | | | | | | | | | | | | | | | | | | | | | |
| Gender | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| mainstreaming | | | | | | | | | | | | | | | | | | | | | | |
| through SHGs | | | | | | | | | | | | | | | | | | | | | | |
| Storage loss | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| minimization | | | | | | | | | | | | | | | | | | | | | | |
| techniques | | | | | | | | | | | | | | | | | | | | | | |
| Value addition | - | 1 | 1 | - | - | - | - | - | - | - | - | - | 27 | - | 27 | - | - | - | 27 | - | 27 | 27 |
| Income generation | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| activities for | | | | | | | | | | | | | | | | | | | | | | |
| empowerment of | | | | | | | | | | | | | | | | | | | | | | |
| rural Women | | | | | | | | | | | | | | | | | | | | | | |
| Location specific | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| drudgery reduction | | | | | | | | | | | | | | | | | | | | | | |

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| technologies | | | | | | | | | | | | | | | | | | | | | | |
| Rural Crafts | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Women and child | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| care | | | | | | | | | | | | | | | | | | | | | | |
| VI Agril. Engineeri | ng | | | | | | | | | | | | | | | | | | | | | |
| Installation and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| maintenance of | | | | | | | | | | | | | | | | | | | | | | |
| micro irrigation | | | | | | | | | | | | | | | | | | | | | | |
| systems | | | | | | | | | | | | | | | | | | | | | | |
| Use of Plastics in | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| farming practices | | | | | | | | | | | | | | | | | | | | | | |
| Production of small | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| tools and | | | | | | | | | | | | | | | | | | | | | | |
| implements | | | | | | | | | | | | | | | | | | | | | | |
| Repair and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| maintenance of | | | | | | | | | | | | | | | | | | | | | | |
| farm machinery | | | | | | | | | | | | | | | | | | | | | | |
| and implements | | | | | | | | | | | | | | | | | | | | | | |
| Small scale | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| processing and | | | | | | | | | | | | | | | | | | | | | | |
| value addition | | | | | | | | | | | | | | | | | | | | | | |
| Post Harvest | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Technology | | | | | | | | | | | | | | | | | | | | | | |
| VII Plant Protection | n | 1 | 1 | 1 | | 1 | | 1 | | | | | | r | | | | | | | | |
| Integrated Pest | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Management | | | | | | | | | | | | | | | | | | | | | | |
| Integrated Disease | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Management | | | | | | | | | | | | | | | | | | | | | | |
| Bio-control of | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| pests and diseases | | | | | | | | | | | | | | | | | | | | | | |
| Production of bio | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| control agents and | | | | | | | | | | | | | | | | | | | | | | |
| bio pesticides | | | | | | | | | | | | | | | | | | | | | | |
| VIII Fisheries | 1 | | 1 | | 1 | 1 | 1 | | 1 | | 1 | 1 | | | | 1 | 1 | 1 | | 1 | 1 | 1 |
| Integrated fish | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| farming | | | | | | | | | | | | | | | | | | | | | | |
| Carp breeding and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| hatchery | | | | | | | | | | | | | | | | | | | | | | |
| management | <u> </u> | | | | | | | | | | | | | | | <u> </u> | | <u> </u> | | | | |
| Carp fry and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| fingerling rearing | | | | 1 | | 1 | 1 | 1 | | I | | 1 | I | | | | | | I | | 1 | |

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| Composite fish culture | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Hatcherv | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| management and | | | | | | | | | | | | | | | | | | | | | | |
| culture of | | | | | | | | | | | | | | | | | | | | | | |
| freshwater prawn | | | | | | | | | | | | | | | | | | | | | | |
| Breeding and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | _ |
| culture of | | | | | | | | | | | | | | | | | | | | | | |
| ornamental fishes | | | | | | | | | | | | | | | | | | | | | | |
| Portable plastic | - | _ | - | | - I | - | _ | - I | - | _ | - I | | - I | - I | - | | - | - I | - | _ | - | _ |
| corn hatchery | | | | | | | | | | | | | | | | | | | | | | |
| Pan culture of fish | _ | _ | | - | | _ | | | | _ | | | _ | | | | _ | | | _ | _ | |
| and proven | _ | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | _ | - |
| Shrima forming | | | | | | | | | | | | | | | | | | | | | | |
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| Edible öyster | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Dearl sultan | | | | - | | | - | | | | - | | | | | | | | | | | |
| Find the second | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Fish processing | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| and value addition | I | | | | | | | | | | | | | | | | | | | | | |
| IX Production of In | puts a | t site | | 1 | 1 | | | | | | | 1 | 1 | | | | 1 | | | | | 1 |
| Seed Production | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Planting material | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| production | | | | | | | | | | | | | | | | | | | | | | |
| Bio-agents | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| production | | | | | | | | | | | | | | | | | | | | | | |
| Bio-pesticides | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| production | | | | | | | | | | | | | | | | | | | | | | |
| Bio-fertilizer | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| production | | | | | | | | | | | | | | | | | | | | | | |
| Vermi-compost | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| production | | | | | | | | | | | | | | | | | | | | | | |
| Organic manures | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| production | | | | | | | | | | | | | | | | | | | | | | |
| Production of fry | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| and fingerlings | | | | | | | | | | | | | | | | | | | | | | |
| Production of Bee- | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| colonies and wax | | | | | | | | | | | | | | | | | | | | | | |
| sheets | | | | | | | | | | | | | | | | | | | | | | |
| Small tools and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| implements | | | | | | | | | | | | | | | | | | | | | | |
| Production of | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |

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| livestock feed and | | | | | | | | | | | | | | | | | | | | | | |
| fodder | | | | | | | | | | | | | | | | | | | | | | |
| Production of Fish feed | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| X Capacity Building | g and (| Group | Dynamic | s | | | | | | | • | | | | | | | | | | | • |
| Leadership | | | | | | | | | | | | | | | | | | | | | | |
| development | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Group dynamics | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Formation and | | | | | | | | | | | | | | | | | | | | | | |
| Management of SHGs | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Mobilization of | - | ر د | 3 | _ | 28 | - | 31 | - | 59 | - | 27 | - | Δ | - | 31 | - | 55 | - | 35 | - | 90 | 90 |
| social capital | | Ŭ | Ŭ | | 20 | | 01 | | 00 | | 21 | | - | | 01 | | 00 | | 00 | | 50 | |
| Entrepreneurial | | | | | | | | | | | | | | | | | | | | | | |
| development of | - | 1 | 1 | - | - | - | 27 | - | 27 | - | - | - | - | - | - | - | - | - | 27 | - | 27 | 27 |
| farmers/youths | | | | | | | | | | | | | | | | | | | | | | |
| WTO and IPR | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| 1ssues | | | | | | | | | | | | | | | | | | | | | | |
| AI Agro-forestry | | | | I | 1 | | | | | | | | | | | | 1 | | 1 | | 1 | |
| Production | - | 1 | 1 | - | - | - | - | - | - | - | 11 | - | 15 | - | 26 | - | 11 | - | 15 | - | 26 | 26 |
| Nursoru | | | | | | | | | | | | | | | | | | | | | | |
| management | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Integrated Farming | - | - | _ | - | - | - | - | - | - | - | _ | | - | - | _ | - | - | - | - | - | - | _ |
| Systems | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | - | 33 | 33 | - | 137 | - | 171 | - | 308 | - | 436 | - | 115 | - | 552 | - | 574 | - | 281 | - | 860 | 860 |
| (B) RURAL YOUT | H | | | | | | 1 | | | | | | | | | | | | | | | |
| Mushroom | | | | | | | | | | | 10 | | 4.0 | | 05 | | 10 | | 10 | | 0.5 | 0.5 |
| Production | - | 1 | 1 | - | - | - | - | - | - | - | 13 | - | 12 | - | 25 | - | 13 | - | 12 | - | 25 | 25 |
| Bee-keeping | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Integrated farming | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Seed production | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Production of | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| organic inputs | | | | | | | | | | | | | | | | | | | | | | |
| Integrated Farming | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Planting material | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| production | | | | | | | | | | | | | | | | | | | | | | |
| Vermi-culture | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Sericulture | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Protected cultivation of | - | 1 | 1 | - | 2 | - | - | - | 2 | - | 18 | - | 5 | - | 23 | - | 20 | - | 5 | - | 25 | 25 |

| vegetable crops | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|----|---|---|---|----|---|----|---|---|---|----|---|----|---|---|---|----|----|
| Commercial fruit | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| production | | | | | | | | | | | | | | | | | | | | | | |
| Repair and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| maintenance of | | | | | | | | | | | | | | | | | | | | | | |
| farm machinery | | | | | | | | | | | | | | | | | | | | | | |
| and implements | | | | | | | | | | | | | | | | | | | | | | |
| Nursery | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Management of | | | | | | | | | | | | | | | | | | | | | | |
| Horticulture crops | | | | | | | | | | | | | | | | | | | | | | |
| Training and | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| pruning of orchards | | | | | | | | | | | | | | | | | | | | | | |
| Value addition | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Production of | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| quality animal | | | | | | | | | | | | | | | | | | | | | | |
| products | | | | | | | | | | | | | | | | | | | | | | |
| Dairying | - | 1 | 1 | - | - | - | - | - | - | - | 19 | - | 7 | - | 26 | - | 19 | - | 7 | - | 26 | 26 |
| Fodder | | 1 | 1 | - | 13 | - | - | - | 13 | - | 12 | - | - | - | 12 | - | 25 | - | - | - | 25 | 25 |
| Management | - | 1 | I | | | | | | | | | | | | | | | | | | | |
| Farm Management | - | 1 | 1 | - | - | - | - | - | - | - | 21 | - | 8 | - | 29 | - | 21 | - | 8 | - | 29 | 29 |
| Sheep and goat | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| rearing | | | | | | | | | | | | | | | | | | | | | | |
| Quail farming | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Piggery | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Rabbit farming | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Poultry production | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Ornamental | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| fisheries | | | | | | | | | | | | | | | | | | | | | | |
| Para vets | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Para extension | _ | 1 | 1 | _ | 17 | _ | 2 | _ | 19 | _ | 3 | - | 3 | - | 6 | - | 20 | - | 5 | _ | 25 | 25 |
| workers | | 1 | ' | | | | 2 | | 15 | | 9 | | 5 | | U | | 20 | | 5 | | 20 | 20 |
| Entrepreneurial | | | | | | | | | | | | | | | | | | | | | | |
| development of | - | 1 | 1 | - | 12 | - | 6 | | 18 | - | 7 | - | - | - | 7 | - | 19 | - | 6 | - | 25 | 25 |
| farmers/youths | | | | | | | | | | | | | | | | | | | | | | |
| Group Dynamics | - | 1 | 1 | - | - | - | - | - | - | - | 18 | - | 7 | - | 25 | - | 18 | - | 7 | - | 25 | 25 |
| Composite fish | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| culture | | | | | | | | | | | | | | | | | | | | | | |
| Freshwater prawn | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| culture | | | | | | | | | | | | | | | | | | | | | | |
| Shrimp farming | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Pearl culture | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | | | | | | | | =0 |
|------------------------------------------------|--------------|-----|---|---|----|---|---|---|----|---|-----|---|----|---|-----|---|-----|---|----|---|-----|-----|
| Cold water fisheries | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Fish harvest and processing technology | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Fry and fingerling | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Small scale processing | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Post Harvest Technology | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Tailoring and Stitching | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Rural Crafts | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | _ | 8 | 8 | - | 44 | _ | 8 | - | 52 | - | 111 | - | 42 | - | 153 | - | 155 | - | 50 | - | 205 | 205 |
| | | | | | | | | | | | | | | | | | | | | | | |
| (C) EXTENSION P | <u>'ERSO</u> | NNE | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | | 1 | 1 | 1 | 1 |
| Productivity enhancement in field groups | - | 1 | 1 | - | 18 | - | - | - | 18 | - | 13 | - | 1 | - | 14 | - | 31 | - | 1 | - | 32 | 32 |
| Integrated Pest Management | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Integrated Nutrient management | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Rejuvenation of old orchards | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Protected cultivation technology | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Formation and Management of SHGs | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Group Dynamics and farmers organization | - | 1 | 1 | - | 16 | - | - | - | 16 | - | 13 | - | 1 | - | 14 | - | 29 | - | 1 | - | 30 | 30 |
| Information networking among farmers | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Capacity building for ICT application | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | | | | | | | | = |
|----------------------------------------------------------------|---|---|---|---|----|---|---|---|----|---|----|---|---|---|----|---|----|---|---|---|----|----|
| Care and maintenance of farm machinery and implements | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| WTO and IPR issues | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Management in farm animals | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Livestock feed and fodder production | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Household food security | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Women and Child care | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Low cost and nutrient efficient diet designing | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| Production and use of organic inputs | - | - | - | - | - | - | - | - | - | - | - | | I | I | - | - | - | I | - | - | - | - |
| Gender mainstreaming through SHGs | - | _ | - | - | _ | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - |
| TOTAL | - | 2 | 2 | - | 34 | - | - | - | 34 | - | 26 | - | 2 | - | 28 | - | 60 | - | 2 | - | 62 | 62 |

(D) Vocational training programmes for Rural Youth

| Crop / | Date | Training title* | Identified Thrust Area | Duration | No | o. of Participa | ints | Sel | f employed after | training | Number of persons employed else where |
|------------|------|-----------------|---------------------------|----------|------|-----------------|-------|------------------|--------------------|----------------------------------|------------------------------------------------|
| Enterprise | | | | (days) | Male | Female | Total | Type of units | Number of units | Number of persons employed | |
| - | - | - | - | - | - | - | - | - | - | - | - |

*training title should specify the major technology /skill transferred

(E) Sponsored Training Programmes

| | | | | | | | | No. of Participants | | | | | | | | Amount | | |
|-----------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------|--------------------|----------------------|-------------------------------------------------|---------------------|--------|-------|------|--------|-------|------|--------|--------|---------------------------------------------|------------------------------|
| SI. No | Date | Title | Discipline | Thematic area | Duration (days) | Client (PF/RY/EF) | No. of courses | | Others | | | SC/ST | | | Total | | Sponsoring Agency | of fund received (Rs.) |
| | | | | | | | | Male | Female | Total | Male | Female | Total | Male | Female | Total | | |
| 1 | 17- 19/7/12 | Livelihood in watershed under IWLP | Multi Discipline | Livelihood management | 3 days | PF/RY/RW | 8 nos of courses & 1 Exposure Visit | 1 | 16 | 17 | 3 | 46 | 49 | 4 | 62 | 66 | Dept. of Soil Conservation, Kokrajhar | |
| 2 | 20/7/12 8-9 Oct ,12 | Livelihood in watershed under IWLP | Multi Discipline | Livelihood management | 3 days | PF/RY/RW | 8 nos of courses & 1 Exposure Visit | 2 | 5 | 7 | 16 | 20 | 36 | 18 | 25 | 43 | Dept. of Soil Conservation, Kokrajhar | |
| 3 | 10-12 Oct, 12 | Livelihood in watershed under IWLP | Multi Discipline | Livelihood management | 3 days | PF/RY/RW | 8 nos of courses & 1 Exposure Visit | - | 4 | 4 | 16 | 21 | 37 | 16 | 25 | 41 | Dept. of Soil Conservation, Kokrajhar | |
| 4 | 13-15 Oct, 12 | Livelihood in watershed under IWLP | Multi Discipline | Livelihood management | 3 days | PF/RY/RW | 8 nos of courses & 1 Exposure Visit | - | - | - | 11 | 29 | 40 | 11 | 29 | 40 | Dept. of Soil Conservation, Kokrajhar | |
| 5 | 13- 15/03/13 | Development of entrepreneurship among backward population of Tepioca growing areas of Assam through post harvest management | Bio Chemistry | Entrepreneurship Development | 3 days | RY | 6 nos of course & 3 nos of Practical | - | - | - | 10 | 4 | 14 | 10 | 4 | 14 | AICRP on Tuber Crops, AAU, Jorhat | |
| Total | - | - | - | - | - | - | - | 3 | 25 | 28 | 56 | 120 | 176 | 59 | 145 | 204 | | |

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)

| Sl. No. | | Purpose/ | | | | | | | Partic | ipants | | | | | |
|---------|---------------------|----------------|------------|------|-------------|-------|------|---------------|--------|--------|-------------|--------|------|------------|-------|
| | Nature of Extension | topic and Date | No. of | Far | mers (Oth | ers) | SC/ | /ST (Farm | ers) | Exte | ension Offi | icials | (| Grand Tota | al |
| | Activity | | activities | | (I) | | | (II) | | | (III) | | | (I+II+III) | r. |
| | | | | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1. | Field Day | 20.12.12 | 1 | 1 | - | 1 | 41 | 12 | 53 | - | - | - | 42 | 12 | 54 |
| | | 29.12.12 | 1 | 24 | 29 | 43 | 5 | 8 | 13 | - | - | - | 29 | 37 | 66 |
| | | 06.12.12 | 1 | 3 | - | 3 | 32 | 32 | 64 | - | - | - | 35 | 32 | 67 |

| | | | | | | | | | | | | | | | <u> </u> |
|-----|-------------------------------------------|--------------------------------------------------------|-----|------|-----|------|------|--------|-------------|----------|-------------|-------|------|------|----------|
| | | 24.02.13 | 1 | - | - | - | 63 | 11 | 74 | - | - | - | 63 | 11 | 74 |
| | | 13.03.13 | 1 | - | - | - | 32 | 8 | 40 | - | - | - | 32 | 8 | 40 |
| | | 25.03.13 | 1 | - | - | - | 31 | 9 | 40 | - | - | - | 31 | 9 | 40 |
| 2. | Diagnostic visits | - | 64 | 14 | 13 | 27 | 29 | 8 | 37 | - | - | - | 43 | 21 | 64 |
| 3. | Advisory Services | | 74 | 14 | 22 | 36 | 27 | 11 | 38 | - | - | - | 41 | 33 | 74 |
| 4. | Lectures delivered as resource persons | - | 30 | - | - | - | - | - | - | - | - | - | - | - | - |
| 5. | Farmers Visit to KVK | - | 239 | 51 | 14 | 65 | 147 | 27 | 174 | - | - | - | 198 | 41 | 239 |
| 6. | Newspaper Coverage | - | 2 | | | | | | | | | | | | |
| 7. | Scientist visit to farmers field | - | 106 | 62 | 11 | 73 | 18 | 15 | 33 | - | - | - | 80 | 25 | 106 |
| 8. | SMS Service | - | 121 | 1505 | 240 | 1745 | 1806 | 460 | 2266 | - | - | - | 3311 | 700 | 4011 |
| 9. | Voice message service | | 4 | 60 | 20 | 80 | 64 | 36 | 100 | - | - | - | 124 | 56 | 180 |
| 10. | Exposure visit | 19.07.12 | 1 | 1 | 16 | 17 | 46 | 3 | 49 | - | - | - | 47 | 19 | 66 |
| | | 09.10.12 | 1 | 2 | 5 | 7 | 16 | 20 | 36 | - | - | - | 18 | 25 | 43 |
| | | 12.10.12 | 1 | - | 4 | 4 | 16 | 21 | 37 | - | - | - | 16 | 25 | 41 |
| | | 15.10.12 | 1 | - | - | - | 11 | 29 | 40 | - | - | - | 11 | 29 | 40 |
| 11. | PRA Exercise | 09.01.13 | 1 | 3 | - | 3 | 24 | - | 24 | - | - | - | 27 | - | 27 |
| 12. | Celebration of World Food Day | 16.10.12 | 1 | 17 | 3 | 20 | 1 | 1 | 2 | - | - | - | 18 | 4 | 22 |
| 13. | Celebration of Stack Holders Day | 12.03.13 | 1 | - | - | - | - | - | - | - | - | - | - | - | 50 |
| 14. | Benchmark Survey | - | 1 | | | | | Alread | ly out of 3 | 4 family | 13 has surv | veyed | | | |
| 15. | SHG Conveners meet | 29.11.12 14.3.13 | 2 | - | 11 | 11 | 4 | 7 | 11 | - | - | - | 4 | 18 | 22 |
| 16. | Group meeting | 04.07.12 20.9.12 13.10.12 12.11.12 9.12.12 | 5 | 20 | 4 | 24 | 18 | 8 | 26 | - | - | - | 38 | 12 | 50 |
| 17. | Workshop | 16.10.12 12.03.13 | 2 | 35 | 5 | 40 | 30 | 10 | 40 | - | - | - | 65 | 15 | 80 |
| 18. | Extension literature | | 11 | | | | | | | | | | | | 1 |
| 19. | Farmers Seminar | 20.11.12 8.11.12 | 2 | 15 | 10 | 25 | 20 | 5 | 25 | - | - | - | 35 | 15 | 50 |
| 20. | Method Demonstration | | 2 | 6 | 5 | 11 | 12 | 7 | 19 | - | - | - | 18 | 12 | 30 |
| | Grand Total | | 678 | 1833 | 502 | 2245 | 2493 | 748 | 3241 | - | - | - | 4326 | 1160 | 5536 |

* Example for guidance only

3.5 Production and supply of Technological products during 2012-13

SEED MATERIALS

| Major g | roup/class | Сгор | Variety | Quantity (qt) | Value (Rs.) | Provided to | No. of Farmers/Other Agencies |
|------------------|--------------|-----------------|---------|-----------------|-------------|-------------|----------------------------------------------|
| CEREALS | | Buckwheat | Local | 0.96 qt | - | | - |
| | | Sali Rice | | 41.5 qt | - | Tec | hnology Showcasing 30 qt |
| OILSEEDS | | Rapeseed | TS-38 | 1.31 qt | - | | - |
| | | Sesamum | ST-1863 | 0.36 qt | - | | - |
| PULSES | | - | - | - | - | | - |
| VEGETABLES | | - | - | - | - | | - |
| FLOWER CROPS | | - | - | - | - | | - |
| OTHERS (Specify) | | Mesta | HC-583 | 0.24 qt | - | | - |
| | | | | SUMMARY | | | |
| Sl. No. | I | Major group/cla | ss | Quantity (qtl.) | Value | e (Rs.) | Provided to No. of Farmers/Other Agencies |
| 1 | CEREALS | | | 42.46 | | - | - |
| 2 | OILSEEDS | | | 1.67 | | - | - |
| 3 | PULSES | | | - | | - | - |
| 4 | VEGETABLES | | | - | | - | _ |
| 5 | FLOWER CROPS | | | - | | - | - |
| 6 | OTHERS | | | 0.24 | | - | - |
| | TOTA | L | | 44 37 | | | |

PLANTING MATERIALS

| Major group/class | Crop | Variety | Quantity (Nos.) | Value (Rs.) | Provided to No. of Farmers |
|-------------------|-------------|------------------|-----------------|-------------|----------------------------|
| FRUITS | Banana | Malbhog | 100 nos. | - | - |
| | Assam lemon | Seedless | 100 nos. | - | - |
| | Pineapple | Kew | 500 nos. | - | - |
| | Arecanut | Local | 100 nos. | - | - |
| SPICES | Turmeric | Megha turmeric 1 | 0.40 qt | - | - |
| VEGETABLES | - | - | - | - | - |
| FOREST SPECIES | - | - | - | - | - |
| ORNAMENTAL CROPS | Gerbera | Red Gem | 50 nos. | - | - |
| | Mussenda | Local | 100 nos | | |
| | Sysnthemum | Hybrid | 50 nos | | |
| PLANTATION CROPS | - | - | _ | - | - |
| Others (specify) | - | - | - | - | - |

SUMMARY

| Sl. No. | Major group/class | Quantity (Nos.) | Value (Rs.) | Provided to |
|---------|-------------------|-----------------|-------------|----------------|
| | | | | No. of Farmers |
| 1 | FRUITS | 800 | | |
| 2 | VEGETABLES | - | | |
| 3 | SPICES | 0.40 qt | | |
| 4 | FOREST SPECIES | - | | |
| 5 | ORNAMENTAL CROPS | 200 | | |
| 6 | PLANTATION CROPS | - | | |
| 7 | OTHERS | - | | |
| | TOTAL | 1000 | | |

BIO PRODUCTS

| Major group/class | Product Name | Species | Qua | ntity | Value (Rs.) | Provided to No. of |
|-------------------|--------------|-----------------|-----|-------|-------------|--------------------|
| | | | No | (kg) | | Farmers |
| | | | | | | |
| BIOAGENTS | - | - | - | - | - | - |
| BIOFERTILIZERS | | | | | | |
| 1. | Vermicompost | Eisenia foetida | - | 1160 | 11600.00 | 2.6 qt |
| BIO PESTICIDES | | | | | | |
| 1 | Trichoderma | Trichoderma Spp | - | 100 | - | - |

SUMMARY

| Sl. No. | Product Name | Species | Qua | ntity | Value (Da) | Provided to No. of Farmers |
|---------|-----------------|-----------------|-----|-------|-------------|-------------------------------|
| | | | Nos | (kg) | value (Ks.) | |
| 1 | BIOAGENTS | | | | | |
| 2 | BIO FERTILIZERS | Eisenia foetida | - | 1160 | 11600.00 | 2.6 qt |
| 3 | BIO PESTICIDE | Trichoderma Spp | - | 100 | - | - |
| | TOTAL | - | - | 1260 | 11600.00 | |

LIVESTOCK

| Sl. No. | Туре | Breed | Quantity | | Value (Rs.) | Provided to No. of Farmers |
|----------------------|--------|---------------|----------|-----|-------------|----------------------------|
| | | | (Nos | Kgs | | |
| | | | | | | |
| Cattle | - | - | - | - | - | - |
| SHEEP AND GOAT | • | - | - | - | - | - |
| POULTRY | • | - | - | - | - | - |
| FISHERIES | - | - | - | - | - | - |
| Others (Specify) Pig | Piglet | Hampshire x T | 23 | - | 56600.00 | 4 nos |
| | | & D | | | | |

SUMMARY

| | | | Qua | ntity | | | |
|---------|--------------|----------------------|-----|-------|-------------|----------------------------|--|
| Sl. No. | Туре | Breed | Nos | Kgs | Value (Rs.) | Provided to No. of Farmers | |
| 1 | CATTLE | - | - | - | - | - | |
| 2 | SHEEP & GOAT | - | - | - | - | - | |
| 3 | POULTRY | - | - | - | - | - | |
| 4 | FISHERIES | - | - | - | - | - | |
| 5 | OTHERS | Hampshire x T & D | 23 | - | 56600.00 | 3 nos | |
| | TOTAL | - | 23 | - | 56600.00 | 4 | |

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

(A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.): Nil

(B) Literature developed/published

| Item | Title | Authors name | Number of copies |
|-------------------|-----------------------------------------|----------------------------------------|------------------|
| Research papers | Existing knowledge level of the rural | Deka, C.R. | - |
| | women about scientifically validated | Das, M.D. | |
| | production technologies of | Bora, A. | |
| | Norticultural crops | , K (L D D | |
| | indigenous esttle in Kekraiber district | Kayastha, R.B., | |
| | of Assam | Deka, R.J. | |
| | Response of capsicum to different | Bramha, S.; Phookan, D.B.; | - |
| | plant density under polyhouse and | Kachari, M.: Hazarika, T.K. | |
| | open condition | ······································ | |
| | Performance of broccoli (Brassica | Bramha, S.; Phookan, D.B. | • |
| | oleracea 1. var. Italica pienk) as | | |
| | and K fertilizers under naturally | | |
| | ventilated polyhouse (Abstract) | | |
| | Irrigation management in | Brahma S | - |
| | horticultural crops | Diumin, S. | |
| | Indigenous wild Medicinal Plant | Basumatary, M.U. | - |
| | conservation in BTAD area | | |
| Total | 6 | | |
| Technical reports | District Contingency Plan | Dr. M.K. Bhyan | = |
| | | Mrs. S. Brahma | |
| | | Mr. M.U. Basumatray | |
| | | Mr. C.R. Deka | |
| | | Dr. R.J. Deka | |
| | | DI. R.D. Rayasına Mr. M.K. Haloj | |
| Popular articles | | | _ |
| Leaflets/folders | Udvogi aru Udvogmukhita: Niti aru | Mr C R Deka | 50 |
| | iar byabaharik dix samuh | Dr. M.K. Bhuvan | |
| | | Dr. R.J. Deka | |
| | | Dr. R.B. Kayastha | |
| | Krishixetratr unnayanat krishak | Mr. C.R. Deka | 50 |
| | sanghar bhumika | Dr. M.K. Bhuyan | |

| | | Dr. R.J. Deka | |
|-------------|----------------------------------------|---------------------|------------------|
| | | Dr. R.B. Kayastha | |
| | Vanaraja- dual purpose birds for | Dr. R.J.Deka | 50 |
| | rural & tribal community | Dr. R.B. Kayastha | |
| | | Dr. M.K. Bhuyan | |
| | Artificial Insemination in pig- | Dr. R.B. Kayastha | 50 |
| | usefulness & its economic | Dr. R.J.Deka | |
| | considerations | Dr. M.K. Bhuyan | |
| | Pond side livestock farming | Dr. R.J.Deka | 50 |
| | | Dr. M.K. Bhuyan | |
| | Practical handbook on poultry | Dr. R.J.Deka | 50 |
| | diseases | Dr. M.K. Bhuyan | |
| | Scientific cultivation of Tepioca | Mrs. S. Brahma | <mark>50</mark> |
| | (Poor mans bread) | Dr. M.K. Bhuyan | |
| | | Mr. M.U. Basumatary | |
| | Improved production technology of | Mrs. S. Brahma | <mark>50</mark> |
| | Cucumber | Dr. M.K. Bhuyan | |
| | | Mr. M.U. Basumatary | |
| | Multistoried cropping in horticultural | Mrs. S. Brahma | <mark>50</mark> |
| | crops | Dr. M.K. Bhuyan | |
| | | Mr. M.U. Basumatary | |
| | Scientific production technology of | Mr. M.U. Basumatary | <mark>50</mark> |
| | Ahu rice | Mrs. S. Brahma | |
| | | Dr. M. K. Bhuyan | |
| | Improved cultivation practices of | Mr. M.U. Basumatary | <mark>50</mark> |
| | Fodder crops | Mrs. S. Brahma | |
| | | Dr. M. K. Bhuyan | |
| Total | 11 | | 550 |
| Grand TOTAL | 18 | | <mark>550</mark> |

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

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

Success story of Mr. Ananta Brahma of Hogmabill, Kokrajhar District

Ananta Brahma is an educated and experience young farmer of Hogmabil area under Dotma Development Block of Kokrajhar District. The main crop grown by him was rice, mustard, maize and vegetables. Further he has an unit of 2nos. of female and 1 male Ghungroo Pigs reared in the backyard. He used to rear the Pigs for piglet production. The productivity of his Pigs were 9-10 piglets/animal/ furrowing and used to sale the piglets (at the age of two months) in the local market @ Rs. 1500/- per piglet. He observed that there is increase demand of quality piglets in the market. He became interested to enlarge his pig farm to a scientific and commercial unit. But due to lack of sufficient capital and technical know how of scientific pig farming, he was unable to take up the enterprise.

Meanwhile, in the early 2012 he attended an awareness programme organized by KVK, Kokrajhar in association with Deptt. of A.H. & Vety., Kokrajhar District in Dotma. After attending the awareness programme along with the other farmers, he expressed his interest for scientific Pig farming for quality Piglet production on commercial basis. Accordingly, he was given training on scientific management of Pig by the Scientists of KVK, Kokrajhar. A team of scientist of KVK, Kokrajahr also visited his place provided valuable suggestion for starting scientific Pig farming. Mr. Brahma then approached the local Bank branch for financial assistance to start the activity.

In May, 2012, the Bank provided him a subsidized loan for scientific pig farming sponsored by DRDA, Kokrajhar. He constructed a Pig sty with 10 chambers. He was guided by Scientists of KVK, Kokrajhar to visit the Pig farms under College of Veterinary Science, AAU, Khanapara to gather a comprehensive knowledge on scientific pig farming. He also purchased 3 nos. of female Hampshire and 3 nos. of female T & D cross piglet and 1 Hampshire male Piglet for breeding purpose. KVK, Kokrajhar with support from National Research Centre on Pig, Rani successfully introduces artificial insemination of Pig for the first time in field condition in Assam.

KVK, Kokrajhar undertook OFT and FLD on different aspect on scientific pig farming. Under direct supervision and guidance from the KVK Scientist Mr. Brahma was successfully running the activity. Understanding the profitability from the livestock farming the also purchased a Jersey cow with a new born female calf. He has also started cultivation of hybrid Napier and Barseem. Mr. Ananta Brahma was also selected for an exposure visit cum training programme on Planning and Management of Dairy Farms at National Dairy Research Institute, Karnal, Haryana which was sponsored by State Institute of Rural Development, Assam, Guwahati.

With the proper application of his gained knowledge and improve skill he is able to run the pig farm successfully. The willingness to learn new things and to adopt new technologies made Mr. Brahma a role model for the educated unemployed youths of Dotma area of Kokrajhar District.

| Sl. | Name of the Enterprise | Area/ Nos. | Income |
|-------|----------------------------|-------------------|---------------|
| No. | | | |
| 1 | Pig farm | 65 nos. of Piglet | Rs. 130000.00 |
| 2 | Dairy Farming | 1200 li.t milk | Rs. 42000.00 |
| 3 | Rice | 3.5 ha | Rs. 110000.00 |
| 4 | Maize | 1 ha | Rs. 54000.00 |
| 5 | Agro forestry - vegetables | 1 ha. | Rs. 85000.00 |
| | | | Rs. 421000.00 |
| Total | | | |

Annual income of Mr. Ananta Brahma from his different farm component:

2. Mr. Pronoy Kumar NarzaryAn agricultural leader in the village of Hogmabil

Mr. Pronoy Kumar Narzary son of Mr. Kameleswar Narzay of village Hogmabil, P.O.: Hogmabil under Dotma Development Block of Kokrajhar District is now 28 years old. His educational qualification is twelve standard. After completion of his school education, he was interested to accompany his father for cultivation instead of searching job opportunities in Govt. sector. He started to learn ploughing at the age

of 18-20 years. His family was having 9 ha. of land and he had been practicing traditional cultivation of different crops. They never thinks about commercialization of agriculture by using scientific cultivation method.

During 2011, the KVK, Kokrajhar organized a training cum awareness programme related to modern agricultural development in Dotma of Kokrajhar District. After attending the training programme he came to know, that the KVK, Kokrajhar is imparting training, OFT and FLD for the benefit of the farming community. He then decided to take advice and suggestion for scientific agricultural practices from the Scientists of the KVK. Gaining experience from scientific Rice and Rape seed cultivation he started seed production of these crops under Technology Showcasing Programme of KVK Kokrajhar. With the guidance of Scientists of KVK he cultivated Sali Rice (Ranjit) on 50 bighs and Rape seed 10 bighas of land. He produced a total of 350 quintals of rice and 13 quintals of rapeseed on his field. After successful production of rice, he was also selected for cultivation of Rape seed under technology showcasing programme of KVK, Kokrajhar.

After successful cultivation of Rice and Rape seed he showed his willingness to adopt new technologies and scientific cultivation practices to grow horticultural crops and other agricultural enterprises. The KVK Scientists then suggested him to undergo more training on different discipline like agronomy, horticulture, soil science, plant protection, fishery, animal science etc. Thus he gathered vast scientific knowledge from such training programme. Moreover, for improving his skill, several OFTs and FLDs were conducted in the fields of Mr Pranay Narzary under direct supervision of Scientists of KVK, Kokrajhar. With the proper application of his gained knowledge and improved skill he could enhance his agricultural production to a greater extent.

| Sl. No. | Name of the enterprise | Area/ nos. | Income (Rs.) | | | |
|----------------------------------------|---------------------------------------|------------|---------------|--|--|--|
| 1 | Field crops (Kharif & Rabi)- Rice | 50 bighas | Rs. 280000.00 | | | |
| 2 | Oil seed (Rape seed) | 10 bighas | Rs. 50000.00 | | | |
| 3 | Horticultural crops (Vegetables) | 10 bighas | Rs. 40000.00 | | | |
| 4 | Fishery | 3 bighas | Rs. 22000.00 | | | |
| 5 | Livestock (Piggery, Poultry, Goatery) | - | Rs. 20000.00 | | | |
| 6 | Agro foresty (Bamboo, arecanut) | 4 bighas | Rs. 15000.00 | | | |
| | Total Rs. 427000.00 | | | | | |
| Rupees Four Lakh Twenty Thousand only. | | | | | | |

At present the income from different enterprises adopted by Mr. Pranay Narzary is shown below:

Now Mr. Pranay Narzary is a successful farmer and become an agricultural leader in the village and the nearby farmers used to visit him for taking advice and suggestion for good agricultural practices.

- 3.8 Give details of innovative methodology/technology developed and used for Transfer of Technology during the year: NIL
- 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 / Ente | erprise | ITK Pra | actice | d | Pur | pose of ITK |
|--------|-------------|---------|---------|--------|---|-----|-------------|
| | | | | | | | |

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

- Identification of courses for farmers/farm women

PRA techniques, SAC meeting, ZREAC meeting, Farmers visit to KVK, Bimonthly Zonal Workshop, Interaction with extension functionaries, Discussion with district and primary Pathar Parichalana Samiti (PPS), All Bodoland Farmers Association (DuBAA), etc.

- Rural Youth

PRA techniques, SAC meeting, ZREAC meeting, Farmers visit to KVK, Bimonthly Zonal Workshop, Discussion with district and primary Pathar Parichalana Samiti (PPS), All Bodoland Farmers Association (DuBAA), Extension Functionaries, Youth organizations, NGOs, SHGs etc

- In-service personnel

Bimonthly Zonal Workshop, SAC meeting, ZREAC meeting, Interaction with extension functionaries, PRA techniques, Interaction with youth organizations, NGOs, SHGs etc.

3.11 Field activities

- i. Number of villages adopted: 02 nos
- ii. No. of farm families selected: 40 nos
- iii. No. of survey/PRA conducted :01 no

3.12. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab

- 1. Year of establishment : 2009
- 2. List of equipments purchased with amount :

| SI. No | Name of the Equipment | Qty. | Cost |
|--------|---------------------------------------------------|--------|-------------|
| 1 | Spectrophotometer | 1 No | 23,488.00 |
| 2 | Flame photometer | 1 No | 22,490.00 |
| 3 | PH Meter | 1 No | 7,384.00 |
| 4 | Conductivity Bridge | 1 No | 8,673.00 |
| 5 | Physical Balance (5 Kg capacity) | 1 No | 4,500.00 |
| 6 | Physical Balance (2.5 Kg capacity) | 1 No | 3,000.00 |
| 7 | Chemical Balance | 1 No | 32,500.00 |
| 8 | Shaker | 1 No | 16,500.00 |
| 9 | Rotary Shaker | 1 No | 19,800.00 |
| 10 | Refrigerator | 1 No | 14,062.00 |
| 11 | Hot Plate | 1 No | 3,000.00 |
| 12 | Oven | 1 No | 18,960.00 |
| 13 | Grinder | 1 No | 15,750.00 |
| 14 | Double Water Distillation Apparatus | 1 No | 27,800.00 |
| 15 | Water Distillation Still | 1 No | 9,970.00 |
| 16 | Electronic Automatic KEL PLUS Digestion System | 1 No | 80,497.00 |
| 17 | Electronic KEL PLUS Automatic Distillation System | 1 No | 1,50,110.00 |
| Total | | 17 nos | 308,374.00 |

3. Details of samples analyzed so far

| Details | No. of Samples | No. of Farmers | No. of Villages | Amount realized |
|-----------------|----------------|----------------|-----------------|-----------------|
| Soil Samples | 36 | 36 | 15 | |
| Water Samples | - | - | - | 3600.00 |
| Plant Samples | - | - | - | - |
| Petiole Samples | - | - | - | - |
| Total | 36 | 36 | 15 | 3600.00 |

:

<u>4.0 IMPACT</u>

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

| Name of specific technology/skill transferred | No. of participants | % of adoption | Change in income (Rs.) | |
|-----------------------------------------------|---------------------|---------------|------------------------|------------------|
| | | | Before (Rs./Unit) | After (Rs./Unit) |
| Summer vegetables cultivation techniques | 260 | 83 | 28700/ha | 53500/ha |
| Cole crops production technology | 190 | 63 | 34000/ha | 47000/ha |
| Nursery techniques | 110 | 52 | 74000/ha | 114000/ha |
| Mushroom production technology | 325 | 32 | - | 18000/Season |
| Fertilizer application in Boro rice | 165 | 65 | 8000/ha | 10000/ha |
| Improved variety of Rapeseed | 200 | 54 | 8000/ha | 18000/ha |

| Improved cultivation of Potato | 135 | 75 | 19000/ha | 27000/ha |
|---------------------------------------------|-----|----|--------------|------------|
| Improved method of Banana plantation | 210 | 81 | 10000/ha | 180000/ha |
| Broiler farming | 95 | 72 | 2500/month | 5000/month |
| Composite Fish farming | 56 | 30 | 35000/ha | 75000/ha |
| HYV in Sali rice (Ranjit) | 800 | 92 | 20000/ha | 31000/ha |
| Control of shoot and fruit borer in Brinjal | 135 | 45 | 6000/ha | 9000/ha |
| Control of fruit scaring beetle in Banana | 210 | 69 | 50000/ha | 66000/ha |
| Techniques for preparation of Vermi compost | 135 | 29 | - | 35000/year |
| Rearing of Pig | 215 | 65 | 4500/pig | 6500/pig |
| Rearing of Duck | 80 | 16 | 110 egg/duck | 180 egg/ck |

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

4.2.

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

| 1 | Adoption of HYV of Boro Rice – Joymati, Kanaklata & swarnav | Area increased – 55 % |
|----|-------------------------------------------------------------|-------------------------|
| 2 | Adoption of HYV of Rapeseed – TS – 36, TS – 38 & TS-46 | Increase in area – 45 % |
| 3 | Commercial cultivation of Banana variety – Malbhog | Increase in area – 55 % |
| 4 | Adoption of control measures for late blight of Potato | Adoption – 87 % |
| 5 | Adoption of Broiler farming | Adoption – 25% |
| 6 | Adoption of Piggery farming | Adoption – 52 % |
| 7 | Adoption of cultivation of Oyster mushroom | Adoption – 42 % |
| 8 | Adoption of Fish farming | Adoption – 34 % |
| 9 | Adoption of Vanaraja bird farming | Adoption – 14 % |
| 10 | Adoption of duck farming | Adoption – 8 % |

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

| SI. Name of the specific technology/skill transferred | | No. of participant | % of adoption | Changes in | income (Rs.) |
|-------------------------------------------------------|-----------------------------------------------------|--------------------|---------------|--------------|------------------|
| No. | Name of the specific technology/skill transience | | | Before | After |
| 1 | HYV in Boro rice (Joymati & Kanaklata & swarnav) | 60 | 20 | Rs. 22500/ha | Rs. 37000/ha |
| 3 | Production technology of Milky mushroom | 60 | 22 | - | Rs. 15000/Sesaon |
| 4 | Improved variety of Rapeseed (TS 36, TS-38 & TS 46) | 110 | 71 | Rs. 7000/ha | Rs. 15000/ha |

| 5 | Improved method of Banana production | 60 | 35 | Rs. 75000/ha | Rs. 160000/ha |
|----|----------------------------------------------|-----|----|---------------|----------------|
| 6 | Integrated Fish farming | 25 | 10 | Rs. 50000/ha | Rs. 80000/ha |
| 7 | Management of fruit scaring beetle in Banana | 51 | 50 | Rs. 40000/ha | Rs. 80000/ha |
| 8 | Vermi-compost production techniques | 60 | 20 | - | Rs. 35000/Year |
| 9 | Rearing of Pig | 120 | 60 | Rs. 2000/Pig | Rs. 6000/Pig |
| 10 | Nursery management of Horticultural crops | 25 | 15 | Rs. 50000/ha | Rs. 135000/ha |
| 11 | Goatery management | 80 | 25 | Rs. 1500/goat | Rs. 2200/goat |
| 12 | Poultry management | 200 | 70 | 110 egg/duck | 180 egg/ck |

5.0 LINKAGES

5.1 Functional linkage with different organizations

| Name of organization | Nature of linkage |
|------------------------------------------------|-------------------------------------------------------------------------------|
| 1. Department of Agriculture, Kokrajhar | Training, Diagnostics visit, Reviewing departmental projects, Beneficiary |
| | selection |
| 2. Department of AH & Vety., Kokrajhar | Training organization, selection of cluster of farmers |
| 3. Dept. of Fishery, Kokrajhar | Training |
| 4. Department of Soil Conservation, Kokrajhar | Integrated Water shed management Project, Training |
| 5. NABARD, Kokrajhar | Training, Farmers group formation |
| 6. SIRD, Assam | Backyard rearing of Chara Chembelli ducks for women empowerment, |
| | Exposure visit |
| 7. National Research Centre on Pig, ICAR, Rani | Artificial Insemination of Pig in Kokrajhar District |
| 8. IIT, Kanpur | Voice message service |
| 9. Discovery Club, Kokrajhar | Livelihood promotion through integrated farming system (NAIP) |
| 10. LWS, Gossaigaon | Resource person |
| 11. Wild Life Trust of India | Community development initiative through alternative livelihood in the fringe |
| | areas of Manas Tiger Reserve |
| 12. NERSWN | Guidance, resource person, preparation of work plan |
| 13. Socio Economic Development | Guidance, resource person, preparation of work plan |
| 14. Gana Chetana Samaj | Guidance, resource person, preparation of work plan |

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

| Name of the scheme | Date/ Month of initiation | Funding agency | Amount (Rs.) |
|-----------------------------------------------------|---------------------------|----------------|--------------|
| DBT led organic farming in the North Eastern Region | Since 2010-11 | ICAR | 961228.00 |

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

| S. No. | Programme | Nature of linkage | Remarks |
|--------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------|
| 1 | Identification of problems and constraints faced by different socio-economic groups and farmers | Collaboration in Field survey, PRA, Group meeting & training | - |
| 2 | Strategy for research and extension programme | Cooperation in preparation of integrated SREP | - |
| 3 | Demonstration | Scientific Advisory Service, Diagnostic visit | - |
| 4 | Training | As resource person | - |
| 5 | Farmers Scientist Interaction | As resource Person | - |

5.4 Give details of programmes implemented under National Horticultural Mission

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

5.5 Nature of linkage with National Fisheries Development Board

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

| a b | | | Details of production Amount (Rs.) | | | | | nt (Rs.) | |
|------------|----------------------------------------|---------------|------------------------------------|-----------------------------|--------------|-----------------------------------------------|----------------|-------------------|---------|
| SI. NO. | Demo Unit | Year of estt. | Area | Variety | Produce | Qty. | Cost of inputs | Gross income | Remarks |
| 1 | Piggery | 2010 | 145 sq m | Hampshire & T&D | Piglets | 36 nos | - | 56600.00 | - |
| 2 | Poultry | 2010 | 45 s m | Vanaraja | Eggs & meat | 1026 nos egg & 2.25 kg meat | - | 5130.00 315.00 | - |
| 3 | Goatery | 2010 | - | Beetle cross & Sirohi | Kids | 12 | - | - | - |
| 4 | Vermicompost | 2010 | 50 sq m | Eichornia Foetida | Vermicompost | 11.6 q | - | 11600.00 | - |
| 5 | Rice-fish vegetable farming unit | 2010 | 224 r m | - | - | - | - | - | - |

6.2 Performance of instructional farm (Crops) including seed production

| Name | Date of sowing | | | Details of production | | Amount (Rs.) | | | |
|-------------|----------------|-----------------|------------|-----------------------|-----------------|--------------|----------------|--------------|---------|
| Of the crop | | Date of harvest | Are (ha | Variety | Type of Produce | Qty. | Cost of inputs | Gross income | Remarks |
| Cereals | - | - | - | - | - | - | - | - | - |
| Rice | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |
| Pulses | - | - | - | - | - | - | - | - | - |
| Pigeonpea | - | - | - | - | - | - | - | - | - |
| Oilseeds | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |
| Fibers | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |

| Spices & Plantation crops | | | | | | | | | | |
|---------------------------|------------------|---|---|---|---|---|---|---|---|--|
| | - | - | - | - | - | - | - | - | - | |
| Floriculture | - | - | - | - | - | - | - | - | - | |
| | - | - | - | - | - | - | - | - | - | |
| Fruits | - | - | - | - | - | - | - | - | - | |
| | - | - | - | - | - | - | - | - | - | |
| Vegetables | - | - | - | - | - | - | - | - | - | |
| | - | - | - | - | - | - | - | - | - | |
| Others (specify) | Others (specify) | | | | | | | | | |
| | - | - | - | - | - | - | - | - | - | |
| | - | - | - | - | - | - | - | - | - | |

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

| SI. | | | Amou | | |
|-------------------------|---|-----|----------------|--------------|---------|
| No. Name of the Product | | Qty | Cost of inputs | Gross income | Remarks |
| - | - | - | - | - | - |

6.4 Performance of instructional farm (livestock and fisheries production)

| SI. Name | | Details of production | | | Amou | | |
|----------|------------------------------------|-----------------------|-----------------|------|----------------|--------------|---------|
| No | of the animal / bird / aquatics | Breed | Type of Produce | Qty. | Cost of inputs | Gross income | Remarks |
| - | - | - | - | - | - | - | - |

6.5 Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

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

6.5 Utilization of hostel facilities (Month Wise):

Accommodation available (No. of beds) : Nil

| 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) |
|---------------------------|-------------------------------------------------------|----------------------------|------------------------------|-------------------------------------|--------------------------------|
| April, 12 to March, 13 | - | - | Nil | Nil | - |
| Total | - | - | Nil | Nil | - |
| Grand total | - | - | Nil | Nil | - |

(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 | Account Number |
|---------------------|------------------|------------|----------------|
| With Host Institute | SBI | Jorhat | 10253820770 |
| With KVK | SBI | Gossaigaon | 11378641024 |

7.2 Utilization of funds under FLD on Maize (*Rs. In Lakhs*)

| | Released by ICAR/ZPD | | Expenditure | | | |
|----------------------|-------------------------|---------|-------------|---------|----------------------------------------------------|--|
| ltem | 2009- 10 | 2010–11 | 2011- 12 | 2012-13 | Unspent balance as on 31 st March, 2013 | |
| Inputs | 0.23725 | 0.21960 | Nil | Nil | 0.3868 | |
| Extension activities | | | | | | |
| TA/DA/POL etc. | | | | | | |
| TOTAL | 0.23725 | 0.21960 | Nil | Nil | 0.3868 | |

7.3 Utilization of KVK funds during the year 2012 -13

| S. No. | Particulars | Sanctioned (in Lakh) | Released (in Lakh) | Expenditure (in Lakh) |
|-----------|---------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------|--------------------------|
| A. Re | curring Contingencies | | | |
| 1 | Pay & Allowances | 50.00 | 54.98913 | 54.98913 |
| 2 | Traveling allowances | 1.75 | 1.05609 | 1.05452 |
| 3 | Contingencies | - | | |
| Α | Stationery, telephone, postage and other expenditure | | | |
| | on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines) | 1.60 | | |
| В | POL, repair of vehicles, tractor and equipments | | | |
| С | Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained) | | | |
| D | Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training) | | 7.53486 | 7.53486 |
| E | Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year) | 6.40 | | |
| F | On farm testing (on need based, location specific and | | | |
| | newly generated information in the major production | | | |
| - | systems of the area) | | | |
| G | Training of extension functionaries | | | |
| Н | Maintenance of buildings | | | |

| 1 | Establishment of Soil, Plant & Water Testing Laboratory | | | |
|-------|---------------------------------------------------------|--------|----------|----------|
| J | Library | | | |
| | TOTAL (A) | 59.75 | 63.58008 | 63.58008 |
| B. No | n-Recurring Contingencies | | | |
| 1 | Works | 46.96 | - | - |
| 2 | Equipments including SWTL & Furniture | 0.00 | 0.00 | 0.00 |
| 3 | Vehicle (Four wheeler/Two wheeler, please specify) | 0.00 | 0.00 | 0.00 |
| 4 | Library (Purchase of assets like books & journals) | 0.00 | 0.00 | 0.00 |
| | TOTAL (B) | 46.96 | 0.00 | 0.00 |
| C. RE | | 0.50 | 1.17159 | 1.17159 |
| | GRAND TOTAL (A+B+C) | 107.21 | 64.75167 | 64.75167 |

7.4 Status of revolving fund (Rs. in lakhs) for last three years

| Year | Opening balance as on 1 st April | Income during the year | Expenditure during the year | Net balance in hand as on 1 st April of each year |
|--------------------------|---------------------------------------------------|------------------------------|-----------------------------|--------------------------------------------------------------------|
| April 2010 to March 2011 | 1.28708 | 1.62258 | 2.12783 | 0.78183 |
| April 2011 to March 2012 | 0.78183 | 1.93347 | 1.04488 | 1.67042 |
| April 2012 to March 2013 | 1.67042 | 0.85455 | 1.17159 | 1.35338 |

8.0 Please include information which has not been reflected above (write in detail).

8.1 Constraints

a. Administrative

- 1. Long distance from the head quarter (600 km) with poor transport and communication facility
- 2. On-campus vocational training could not conducted due to lack of proper hostel facilities

b. Financial

- 1. Provision of funds for Traveling Allowance for trainees
- 2. Fund allocation under recurring contingency is insufficient in view of continuous price escalation.
- 4. Non-availability of funds in time for FLD hampers technology dissemination process and reduces KVK's impact
- 5. Procedures for release of fund should be more simplified
- 6. Budget should be provided timely so that fund can be utilized properly
- 7. More fund for infrastructure development
- 8. More fund for TA/DA for the Scientists and Staffs
- c. Technical
- 1. Lowest speed of the existing internet facility.
- 2. Lack of STW and Godown hinders the farm activities of KVK

3. Deplorable office furnitures and inadequate space for sitting arrangement leads to poor working environment and low zeal of scientists

4. Lack of cupboard and shelves for systematic arrangement of the materials in the soil testing laboratory of the KVK.

5. Frequent power cut hampers the official work.