

ANNUAL REPORT

(April, 2010 to March, 2011)



**KRISHI VIGYAN KENDRA
ASSAM AGRICULTURAL UNIVERSITY
GOSSAINGAON, KOKRAJHAR
PIN – 783 360**

Name of the KVK : **Krishi Vigyan Kendra, Kokrajhar (Gossaigaon)**

Year of Establishment : 1985

Total area under Building, Road, etc. : 1.5 Ha

Total area under Farm : 9.5 Ha

Office Telephone No. : 03669-292704 (Office)

Fax No. :-

e-mail : : kvkkokrajhar@gmail.com

1. STAFF DETAILS (INCLUDING OFFICE STAFF)

| Sl. No. | Name in Full | Designation | Discipline | Year of joining in KVK system | Mobile No. | e-mail |
|---------|-----------------------------|---------------------------|---------------------------|-------------------------------|-------------|-------------------------------|
| 1. | Dr. Yogendra Prasad | Programme Coordinator | PlantPathology | 31.08.01 | 94351-27053 | dryogendraprasad@gmail.com |
| 2. | Dr. Manindra Nath Ray | Subject Matter Specialist | Veterinary Extension | 07.08.96 | 99545-20644 | |
| 3. | Dr. Bhabesh. Ch. Deka | -do- | Nematology | 10.11.08 | 94353-40387 | Bhabesh_ch_deka@yahoo.co.in |
| 4. | Mrs. Manashi Chakravarty | -do- | Soil Science | 07.11.08 | 99571-06378 | Uj1966@rediffmail.com |
| 5. | Mrs. Sanchita Brahma | -do- | Horticulture | 07.11.08 | 94355-24496 | brahma.sanchita@gmail.com |
| 6. | Mr. Chittaranjan Deka | -do- | Agril. Extension | 07.11.08 | 96785-12568 | chittasarthebari@gmail.com |
| 7. | Mr. Mahadev Uzir Basumatary | -do- | Agronomy | 15.12.08 | 94351-81473 | mahadevbasumatary@yahoo.in |
| 8. | Mrs. Deepanjali Brahma | Programme Assistant | Plant Breeding & Genetics | 17.03.09 | 94350-07920 | dwipanjali_brahma@yahoo.co.in |
| 9. | Mr. Subodh Ch. Choudhury | Account/Superintendent | | 11.12.06 | 99576-52939 | |

| | | | | | | |
|-----|---------------------------|------------------|--|----------|-------------|--|
| 10. | Mr. Azen Singh Borgoyari | Driver | | 18.02.06 | 970694660 | |
| 11. | Md. Azgar Ali | Driver | | 18.02.06 | 96787-95354 | |
| 12. | Mr. Rabindra Nath Narzary | Supporting staff | | 01.11.85 | 99571-32042 | |
| 13. | Mr. Digen Basumatary | -do- | | 15.11.85 | 99543-35055 | |

2. TOTAL NO. OF TRAINING CONDUCTED UNDER VARIOUS DISCIPLINE

| Sl. No. | Subjects | Sl. No. | Title of the training | Proposed target (as per Action Plan) | Target achieved | Details of participants | | | | Total | Remarks |
|---------|--------------------|---------|--|--------------------------------------|-----------------|-------------------------|---|--------|---|-------|---------|
| | | | | | | SC/ST | | Others | | | |
| | | | | | | M | F | M | F | | |
| A. | Practicing Farmers | | | | | | | | | | |
| | Agronomy | 1. | Scientific production technology of fodder crops | 9 | 9 | 17 | 0 | 8 | 0 | 25 | |
| | | 2. | System of rice intensification (SRI) in Sali Rice | | | 27 | 0 | 0 | 0 | 27 | |
| | | 3. | Organic rice farming | | | 10 | 0 | 7 | 8 | 25 | |
| | | 4. | Scientific production technology of Sali Rice | | | 11 | 0 | 13 | 2 | 26 | |
| | | 5. | Scientific production technology of kharif oilseed crops | | | 20 | 3 | 3 | 0 | 26 | |
| | | 6. | Scientific production technology of Rabi oilseed crops and Pulse crops | | | 0 | 0 | 16 | 9 | 25 | |
| | | 7. | General awareness of Quality Protein Maize (QPM) and its scientific production | | | 1 | 0 | 22 | 4 | 27 | |

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|--|--------------|----|---|----|----|----|----|----|---|----|--|
| | | | technology | | | | | | | | |
| | | 8. | Scientific production technology of Boro Rice | | | 10 | 0 | 18 | 0 | 28 | |
| | | 9. | Training on scientific Agro- forestry system | | | 18 | 5 | 3 | 0 | 26 | |
| | Horticulture | 1. | Scientific cultivation technology of arecanut. | 12 | 11 | 3 | 2 | 23 | 2 | 30 | |
| | | 2. | Scientific cultivation technology of betelvine. | | | 5 | 0 | 21 | 0 | 26 | |
| | | 3. | Scientific cultivation technology of sweet potato. | | | 3 | 21 | 1 | 0 | 25 | |
| | | 4. | Scientific cultivation techniques of chrysanthemum | | | 31 | 5 | 6 | 0 | 42 | |
| | | 5. | Processing of Pineapple and Assam Lemon for jam and squash making. | | | 0 | 26 | 0 | 5 | 31 | |
| | | 6. | Scientific cultivation practices of cabbage and cauliflower. | | | 0 | 0 | 27 | 0 | 27 | |
| | | 7. | Improved production technology of potato. | | | 8 | 0 | 15 | 3 | 26 | |
| | | 8. | Scientific cultivation technology of tomato and brinjal. | | | 10 | 4 | 6 | 5 | 25 | |
| | | 9. | Post-harvest handling and value addition of tomato and orange for sauce and squash making | | | 0 | 18 | 0 | 7 | 25 | |

| | | | | | | | | | | | |
|--|------------------|-----|---|---|---|----|----|----|---|----|--|
| | | 10. | Scientific production technology of okra and cucumber. | | | 4 | 0 | 22 | 0 | 26 | |
| | | 11. | Scientific cultivation technology of banana and pineapple | | | 0 | 0 | 25 | 0 | 25 | |
| | Animal Husbandry | 1. | Scientific pig farming | 8 | 8 | 25 | 0 | 0 | 0 | 25 | |
| | | 2. | Scientific dairy farm management | | | 0 | 0 | 23 | 3 | 26 | |
| | | 3. | Scientific goat farming | | | 0 | 25 | 0 | 0 | 25 | |
| | | 4. | Scientific pig farming | | | 11 | 14 | 0 | 0 | 25 | |
| | | 5. | Scientific broiler farming | | | 1 | 0 | 24 | 0 | 25 | |
| | | 6. | Prevention & control of poultry diseases | | | 0 | 0 | 20 | 5 | 25 | |
| | | 7. | Scientific poultry production | | | 0 | 0 | 20 | 5 | 25 | |
| | | 8. | Scientific dairy farm management | | | 1 | 0 | 18 | 6 | 25 | |
| | Fishery | | | | | | | | | | |
| | | | | | | | | | | | |
| | Home Science | | | | | | | | | | |
| | | | | | | | | | | | |
| | Sericulture | | | | | | | | | | |
| | | | | | | | | | | | |
| | Plant Pathology | 1. | Integrated disease management for ginger and turmeric | 8 | 8 | 22 | 0 | 12 | 0 | 34 | |
| | | 2. | Integrated disease management of Sali rice | | | 18 | 4 | 5 | 0 | 27 | |
| | | 3. | Integrated disease management for kharif oilseed crops (Sesamum & | | | 26 | 2 | 0 | 0 | 28 | |

| | | | | | | | | | | | |
|--|------------|----|---|---|---|----|---|----|---|----|--|
| | | | Groundnut) | | | | | | | | |
| | | 4. | Integrated disease management for blackgram and greengram | | | 24 | 2 | 0 | 0 | 26 | |
| | | 5. | Integrated disease management for Lentil and Pea | | | 26 | 0 | 0 | 0 | 26 | |
| | | 6. | Integrated disease management of Potato and Tomato | | | 23 | 0 | 3 | 0 | 26 | |
| | | 7. | Integrated disease management for Boro and Ahu rice | | | 20 | 3 | 8 | 0 | 31 | |
| | | 8. | Integrated disease management of Zinger and Turmeric | | | 25 | 3 | 2 | 0 | 30 | |
| | Entomology | 1. | Integrated insect pest management of Sali rice | 7 | 5 | 25 | 4 | 0 | 0 | 29 | |
| | | 2. | Integrated insect pest management of Cabbage and Cauliflower | | | 22 | 4 | 0 | 0 | 26 | |
| | | 3. | Integrated insect pest management of Brinjal | | | 0 | 0 | 26 | 0 | 26 | |
| | | 4. | Integrated insect pest management of Boro rice | | | 10 | 0 | 15 | 0 | 25 | |
| | | 5. | Integrated insect pest and disease management of Arecanut and betelvine | | | 0 | 0 | 25 | 0 | 25 | |
| | Apiary | | | | | | | | | | |

| | | | | | | | | | | | |
|--|--------------|----|--|----|----|----|---|----|---|----|--|
| | | | | | | | | | | | |
| | | | | 11 | 10 | | | | | | |
| | Soil Science | 1. | Vermi compost production technology | | | 10 | 0 | 14 | 2 | 26 | |
| | | 2. | Soil fertility management for cultivation of Sali rice | | | 0 | 0 | 27 | 0 | 27 | |
| | | 3. | Soil fertility management for cultivation of Sesamum. | | | 19 | 6 | 0 | 0 | 25 | |
| | | 4. | Production and use of organic manure/compost for soil sustainability | | | 6 | 0 | 18 | 4 | 28 | |
| | | 5. | Soil testing for management of health and sustainable crop productivity. | | | 21 | 2 | 4 | 0 | 27 | |
| | | 6. | Integrated nutrient management in Cabbage and cauliflower. | | | 4 | 0 | 20 | 3 | 27 | |
| | | 7. | Soil fertility management for cultivation of Boro rice | | | 2 | 2 | 16 | 6 | 26 | |
| | | 8. | Soil testing for management of health and sustainable crop productivity. | | | 1 | 0 | 27 | 0 | 28 | |
| | | 9. | Production and use of organic manure/compost for soil sustainability | | | 12 | 0 | 13 | 0 | 25 | |

| | | | | | | | | | | | |
|-----------|--------------------------------------|-----|---|---|---|----|---|----|----|----|--|
| | | 10. | Soil fertility management for cultivation of ahu rice | | | 0 | 0 | 25 | 0 | 25 | |
| | Agril. Engg. | | | | | | | | | | |
| | | | | | | | | | | | |
| | Plant Breeding | 1. | Scientific rice seed production technology | 3 | 3 | 9 | 0 | 26 | 0 | 35 | |
| | | 2. | Scientific seed production technology of Blackgram | | | 20 | 5 | 0 | 0 | 25 | |
| | | 3. | Single cross hybrid maize seed production technology | | | 12 | 0 | 17 | 0 | 29 | |
| | | | | | | | | | | | |
| | Agril. Extension (Capacity Building) | 1. | Formation & management of SHGs | 3 | 1 | 0 | 0 | 32 | 0 | 32 | |
| | | | | | | | | | | | |
| B. | Rural Youth | | | | | | | | | | |
| | Agronomy | 1. | Scientific production technology of Kharif pulse crop (Blackgram & Greengram) | 4 | 3 | 8 | 2 | 14 | 1 | 25 | |
| | | 2. | Integrated farming system | | | 24 | 1 | 0 | 0 | 25 | |
| | | 3. | Scientific production technology of Ahi rice (Transplanted) | | | 33 | 0 | 0 | 0 | 33 | |
| | | | | | | | | | | | |
| | Horticulture | | | | | | | | | | |
| | | | | | | | | | | | |
| | Animal Husbandry | 1. | Scientific goat farming | 3 | 3 | 7 | 0 | 20 | 0 | 27 | |
| | | 2. | Scientific piggery management | | | 0 | 0 | 24 | 1 | 25 | |
| | | 3. | Scientific broiler | | | 0 | 0 | 14 | 11 | 25 | |

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|--|----------------------------|----|---|---|---|----|---|----|----|----|--|
| | | | farming | | | | | | | | |
| | | | | | | | | | | | |
| | Fishery | | | | | | | | | | |
| | | | | | | | | | | | |
| | Home Science | | | | | | | | | | |
| | | | | | | | | | | | |
| | Sericulture | 1. | Scientific rearing of Eri, Muga and Silk worm | | | 22 | 4 | 0 | 0 | 26 | |
| | | | | | | | | | | | |
| | Plant Pathology | 1. | Integrated disease management for Rapeseed and Linseed | 2 | 1 | 13 | 0 | 14 | 0 | 27 | |
| | | | | | | | | | | | |
| | Entomology | 1. | Integrated pest management of Cucumber, Ridge gourd and Ladies finger | 2 | 1 | 26 | 0 | 0 | 0 | 26 | |
| | | | | | | | | | | | |
| | Apiary | 1. | Bee Keeping for improvement for crop productivity | 2 | 1 | 4 | 0 | 23 | 0 | 27 | |
| | | | | | | | | | | | |
| | Soil Science | 1. | Green Manuring for sustainable soil health management and crop productivity | 1 | 1 | 1 | 0 | 31 | | 32 | |
| | | | | | | | | | | | |
| | Agril. Engg. | | | | | | | | | | |
| | | | | | | | | | | | |
| | Plant Breeding | | | | | | | | | | |
| | | | | | | | | | | | |
| | Agril. Extension (Capacity | 1. | Income generation activities for | 6 | 6 | 0 | 0 | 0 | 32 | 32 | |

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|---|------------------------------|----|--|--|--|----|----|----|---|----|--|
| | Building) | | empowerment of rural women | | | | | | | | |
| | | 2. | Leadership development for capacity building of NGOs/SGHs | | | 14 | 13 | 0 | 0 | 27 | |
| | | 3. | Leadership principles, importance and methodology for identification of local leader | | | 0 | 0 | 25 | 0 | 25 | |
| | | 4. | Entrepreneurship development among the rural youths | | | 1 | 0 | 24 | 0 | 25 | |
| | | 5. | Mobilization of social capital in villages | | | 25 | 0 | 0 | 0 | 25 | |
| | | 6. | Group dynamics and skills for group mobilization | | | 0 | 0 | 25 | 0 | 25 | |
| C | Extension Functionary | | | | | | | | | | |
| | Agronomy | | | | | | | | | | |
| | | | | | | | | | | | |
| | Horticulture | | | | | | | | | | |
| | | | | | | | | | | | |
| | Animal Husbandry | | | | | | | | | | |
| | | | | | | | | | | | |
| | Fishery | | | | | | | | | | |
| | | | | | | | | | | | |
| | Home Science | | | | | | | | | | |
| | | | | | | | | | | | |
| | Sericulture | | | | | | | | | | |
| | | | | | | | | | | | |
| | Plant Pathology | | | | | | | | | | |
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| | Entomology | 1. | Impact of climate change on insect pest dynamics and disease emergences and their management strategies | 1 | 1 | 10 | 0 | 16 | 0 | 26 | |
| | | | | | | | | | | | |
| | Apiary | | | | | | | | | | |
| | | | | | | | | | | | |
| | Soil Science | | | | | | | | | | |
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| | Agril. Engg. | | | | | | | | | | |
| | | | | | | | | | | | |
| | Plant Breeding | | | | | | | | | | |
| | | | | | | | | | | | |
| | Agril. Extension (Capacity building) | 1. | Participatory rural appraisal methods and agro-eco-system analysis | 3 | 1 | 0 | 0 | 24 | 1 | 25 | |
| | | | | | | | | | | | |
| D. | Any other | | | | | | | | | | |
| | Agronomy | | | | | | | | | | |
| | | | | | | | | | | | |
| | Horticulture | | | | | | | | | | |
| | | | | | | | | | | | |
| | Animal Husbandry | | | | | | | | | | |
| | | | | | | | | | | | |
| | Fishery | | | | | | | | | | |
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| | Home Science | | | | | | | | | | |
| | | | | | | | | | | | |
| | Sericulture | | | | | | | | | | |
| | | | | | | | | | | | |
| | Plant Pathology | | | | | | | | | | |
| | | | | | | | | | | | |
| | Entomology | | | | | | | | | | |

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| | | | | | | | | | | | |
| | Apiary | | | | | | | | | | |
| | | | | | | | | | | | |
| | Soil Science | | | | | | | | | | |
| | | | | | | | | | | | |
| | Agril. Engg. | | | | | | | | | | |
| | | | | | | | | | | | |
| | Plant Breeding | | | | | | | | | | |
| | | | | | | | | | | | |
| | Others | | | | | | | | | | |
| | | | | | | | | | | | |

3. SPONSORED TRAINING PROGRAMME :

| Sl. No. | Subject with title | Date of training | Category of participants | | | | | | Sponsoring organization |
|---------|---|------------------------|--------------------------|----|--------|--------|----|--------|---|
| | | | Male | | | Female | | | |
| | | | SC | ST | Others | SC | ST | Others | |
| 1. | Training on Medicinal plant | 7.06.2010 to 8.06.2010 | 5 | 20 | 10 | 4 | 11 | 20 | AAU, Jorhat |
| 2. | Training on biotechnology led organic production of horticultural crops | 28.12.10 to 29.12.10 | 25 | - | - | - | - | - | Department of Biotechnology, Govt. of India |
| 3. | Training on biotechnology led organic production of horticultural crops | 17.01.2011 to 18.01.11 | 25 | - | - | - | - | - | |
| 4. | Training on biotechnology led organic production of horticultural crops | 21.02.11 to 22.02.11 | 25 | - | - | - | - | - | |
| 5. | Training on biotechnology led organic production of horticultural crops | 7.03.11 to 8.03.11 | 27 | - | - | - | - | - | |

4. OTHER EXTENSION ACTIVITIES:

Field Days, Kisan Mela/Mahila Mandal/Ex. Trainees meet/Group Discussion/Multimedia Show etc.

| Sl. No. | Topic | Proposed target | Target achieved | Date of organization | Location | Source of fund | Details of participants | | | | Total | Source of fund |
|---------|--------------------|-----------------|-----------------|----------------------|-------------------|----------------|-------------------------|----|--------|---|-------|----------------|
| | | | | | | | SC/ST | | Others | | | |
| | | | | | | | M | F | M | F | | |
| 1. | Field Day | 10 | 10 | 13.07.2010 | No. 1 Goladangi | ICAR | 20 | 3 | 7 | - | 30 | |
| | | | | 18.11.2010 | No. 1 Kadamguri | -do- | 3 | - | 23 | - | 26 | |
| | | | | 22.11.10 | Hasraoubari | -do- | - | - | 38 | - | 38 | |
| | | | | 24.11. 2010 | Hatigarh | -do- | - | - | 25 | - | 25 | |
| | | | | 27.11. 2010 | Deborgaon | -do- | 28 | 10 | 15 | 2 | 55 | |
| | | | | 30.11. 2010 | Malaguri | -do- | 24 | 4 | - | 2 | 30 | |
| | | | | 3.12. 2010 | Amlaiguri | -do- | 34 | 10 | 5 | 3 | 52 | |
| | | | | 19.02.2011 | Amlaiguri | -do- | 8 | - | 12 | - | 20 | |
| | | | | 2. 03. 2011 | Karigaon | -do- | 25 | - | - | - | 25 | |
| | 21.03.2011 | Hatigarh No. 1 | -do- | 2 | - | 18 | 2 | 22 | | | | |
| 2. | Kisan Mela | | | | | | | | | | | |
| 3. | Exposure Visit | | 2 | 13.11.2010 | Bhaoraguri area | ICAR | 1 | - | 24 | - | 25 | |
| | | | | 14.02.2011 | Simultapu Area | ICAR | 35 | 5 | 20 | - | 60 | |
| 4. | F.S. Interaction | | 1 | 13.07.2010 | Amlaiguri village | ICAR | 47 | 04 | - | - | 51 | |
| 5. | Animal health Camp | | | | | | | | | | | |
| 6. | Awareness camp | | 2 | 30.06.2010 | Kokrajhar | ICAR | 24 | - | 25 | 1 | 50 | |
| | | | | 30.03.2010 | KVK, Kokrajhar | ICAR | 15 | - | 35 | - | 50 | |
| 7. | Soil test camp | | 1 | 27-12-10 | Bhowraguri | ICAR | 35 | 03 | 10 | - | 48 | |
| 8. | PRA exercise | | | | | | | | | | | |

5 OFT:

| Sl. No. | Subject/Title | Source of Technology | Proposed target | Target achieved | No. of framers covered | Name of farmers | Name of location | Remarks on performance of technology | Assessment required/not required (mention specific area) | C:B ratio |
|---------|---|----------------------------|-----------------|-----------------|------------------------|---|--|---|--|-----------|
| 1. | Rice based relay cropping of pea | NATP, RRPS 34, AAU, Jorhat | 01 | 01 | 10 | 1. Sri Tikendra Narzary 2. Sri Ashok Basumatary 3. Sri Gopal Ch Basumatary 4. Sri Loba Basumatary 5. Sri Rupen Basumatary 6. Sri Aranjit Basumatary 7. Sri Rohini Narzary 8. Sri Bikhram Basumatary 9. Sri Kwrwm Basumatary 10. Sri Niken Basumatary | Kathalguri South Kashibari -do- -do- -do- -do- -do- -do- -do- Pakriguri Dolegaon | Application of fertilizers @ 10 kg N/ha & 20 kg P ₂ O ₅ /ha performed better result in terms of grain yield as compared to the farmers practice | Not required | 1:2.8 |
| 2. | Potash Management in lentil (Variety-B-77) (Soil Science) | RARS, Shillongoni, Nagaon | 01 | 01 | 10 | 1.Md Foysul Haque 2. Md. Safizul Haque 3. Kalipada Das 4. Swapan Das 5. Ranjit Das 6. Binoy Das | Ballamguri -Do- No.1 Baruapara Natunpara -Do- -Do- | Potash application @ 15kg/ha Performed better in terms of grain yield as compared to zero application of | Not required | 1: 5.0 |

| | | | | | | | | | | |
|----|---|---|----|----|----|--|--|---|--------------|------------------|
| | | | | | | 7. Ramanath Das 8. Gali Brahma 9. Md. Aziz Shekh 10. Waris Shekh | Boyatamari Thuribari Maktaigaon No.2 -Do- | potash practiced by the farmers. Hence the technology is accepted by the farmers. | | |
| 3. | Integrated Nutrient management in Rapeseed (Variety- TS-36) (Soil Science) | RARS, Shillongoni, Nagaon | 01 | 01 | 10 | 1 Manindra Ray 2. Sri Shymal Kr Ray 3. Santanu Biswas 4. Amal Biswas 5. Kirtinath Brahma 6. Anjit Brahma 7. Nirmal Basumatary 8. Kiran Basumatary 9. Aziz Shekh 10. Waris Shekh | Basantipur Basantipur Bhomrabill No.2 -Do- Malaguri -Do- -Do- -Do- -Do- Maktaigaon -Do- | Application of NPK @ 45: 22.5: 22.5 kg /ha along with Azotobacter and PSB biofertilizers as seed treatment @ 50g /kg seed showed better result in terms of grain yield as compared to farmers' practice. | Not required | 1: 4.08 |
| 4. | Varietal evaluation of brinjal variety (RCMBF-2 & RCMBF-3) | Division of Horticulture, ICAR Research Complex for NEH Region, Umiam | 01 | 01 | 5 | 1. Md. Abdul Haque Talukdar 2. Abdul Salem Sheikh 3. Sri Rishnu Narzary 4. Sri Biron Narzary 5. Sri Hari Charan Biswas | Bhomrabill No.2 Bhomrabill No.2 Dawaguri No.1 Dawaguri No.2 Bhomrabill No.2 | Farmers accepted the two high yielding variety of brinjal which showed better performance in terms of fruit yield compared to the local varieties at farmer's field. | Not required | 1: 4.6 1: 5.0 |

| | | | | | | | | | | |
|----|--|---|----|----|---|--|--|---|--------------|-----------------|
| 5. | Varietal evaluation of turmeric variety (Megha Turmeric-1) | Division of Horticulture, ICAR Research Complex for NEH Region, Umiam | 01 | 01 | 9 | 1. Sri Kirtinath Brahma. 2. Sri Nirmal Brahma 3. Sri Debnath Mushahary 4. Sri Nirmal Chandra Das 5. Md. Abdul Haque Talukdar 6. Md. Jiahur Rahman 7. Sri Niranjana Basumatary 8. Sri Pradip Biswas 9. Md. Samir Ali Sheikh | Malaguri Malaguri Maktaigaon No.1 Oxiguri, Grahampur Bhomrabill No.2 Gokulkhata No.2 Goladangi No.2 Bhomrabill No.2 Palashguri | Farmers accepted the high yielding variety of turmeric which showed better performance in terms of fresh rhizome yield and curcumin content compared to the local varieties at farmers field. | Not required | 1: 5.0 |
| 6. | Integrated pest management in <i>Olitorius</i> jute | RARS, Shillongani | 1 | 1 | 3 | 1. Sharpat Ali | 2 no Hasrawbari | Integrated pest management package with <i>Trichoderma viridae</i> @ 2.5 Kg/ha, Neem oil @ 5ml/lit & Endosulfan 35 EC @ 2 ml/lit showed better performance in comparison to Farmers practice. Farmers accept the technology | Not required | 1: 2.8 1:1.8 |
| 7. | Storage of wheat seeds/grains against stored grain pest | RARS, Shillongani | 1 | 1 | 3 | 1. Insan Ali 2. Khadimul Khan 3. Ali Hussain | Hasrawbari 2 No Poashguri Polashguri | Grain mixed with 6 g Black pepper seed and stored in air tight | Not required | 1:5.2 |

| | | | | | | | | | | |
|----|---|---|---|---|---|---|---|---|--------------|--------|
| | | | | | | | No.2 | in polybags is a simple technique against store grain pest. Farmers accept the techniques | | |
| 8. | Efficacy of biagents as seed treatment against Root-knot nematode in Lentil | AICRP on Plant Parasitic Nematode, Dept. of Nematology, AAU, Jorhat | 1 | 1 | 5 | 1. Dibakar Ray 2. Paul Soren 3. Nagen Daimary 4. Dipak Ray 5. Amar Basumatary | Hatigarh Karigaon Deborgaon Hatigarh Pakriguri | Farmers accepted the technology as seed treatment with Trichoderma and Pseudomonas @ 5gm/kg of seed | Not required | 1:2.35 |

6. FRONTLINE DEMONSTRATION (FLD):

| Sl. No. | Crop | Variety | Area (ha) | No. proposed | Target achieved | No. of framers | | Critical input supplied | Date of sowing/ transplanting | Date of harvesting | Yield (q/ha) | Farmer's yield (q/ha) | Remarks (if any) |
|---------|---------------------|---------|-----------|--------------|-----------------|----------------|--------|--|-------------------------------|----------------------|--------------|-----------------------|--------------------------|
| | | | | | | SC/ST | Others | | | | | | |
| 1. | Oilseeds (Rapeseed) | TS 36 | 5.0 | 18 | 18 | 8 | 10 | 1. Seed 2. Urea 3. SSP 4. MOP | 16.11.10 to 18.11.10 | 25.02.11 to 28.02.11 | 10.5 | 6.8 | 54.41% increase in yield |
| 2 | Oilseeds (Sesamum) | ST 1683 | 5.0 | 19 | 19 | 7 | 12 | 1. Seed 2. Urea 3. SSP 4. MOP | 02.09.10 to 05.09.10 | 23.11.10 to 25.11.10 | 8.2 | 5.0 | 64 % increase in yield |
| 3. | Pulses (Lentil) | B 77 | 5.0 | 12 | 12 | 5 | 7 | 1. Seed 2. Urea 3. SSP 4. MOP | 18.11.10 to 20.11.10 | 15.03.11 to 18.03.11 | 9.62 | 6.55 | 46.87% increase in yield |
| 4. | Pulses (Blackgram) | PU 19 | 5.0 | 27 | 27 | 10 | 17 | 1. Seed 2. Urea 3. SSP 4. MOP | 3. 9.10 to 5. 09.10 | 28.11.10 to 30.11.10 | 9.30 | 6.20 | 50% increase in yield |

| | | | | | | | | | | | | | |
|-----|-----------------------|--------------|------|----|----|---|----|---|--|---|-------|-------|--|
| 5. | Pulses (Blackgram) | P.U.-31 | 1.3 | 01 | 01 | 5 | 5 | 1. Seed 2. Urea 3. SSP 4. MOP 5. Bavistin | 05-09-10 To 08-09-10 | 25.11.2010 to 30-11-10 | 10.8 | 8.0 | 35 % increased in grain yield |
| 6. | Jute | Tarun | 1.3 | 01 | 01 | 5 | 5 | 1. Seed 2. Urea 3. SSP 4. MOP 5. Bavistin 6. Azotobacter 7. PSB | 13-04-10 to 17-04-10 | 20-08-10 to 25-08-10 | 29 | 22 | 31.8% increased in fibre yield |
| 7. | Sali Rice | Ranjit | 1.04 | 08 | 08 | 2 | 6 | 1. Seed 2. Urea 3. SSP 4. MOP | 15.06.10 to 16.06.10 and 13.07.10 to 17.07.10 | 25.11.10 to 30.11.10 | 53.62 | 43.12 | 24.32% increase in yield (72.9% reduction in pest infestation) |
| 8. | Tomato | Avinash 2 | 0.13 | 10 | 10 | 2 | 8 | 1. Seed 2. Urea 3. SSP 4. MOP 5. Biofor pf | 4.10.10 to 5.10.10 and 6.11.10 to 8.11.10 | 25.01.11 to 6.02.11 and 21.02.11 to 03.03.11 | 750.0 | 350.0 | 53.3% increase in yield (73.44 reduction in pest infestation) |
| 9.. | Oat | Kent | 1.33 | 10 | 10 | - | 10 | 1. Seed 2. Urea 3. SSP 4. MOP | 25-12-2010 to 06-01-2011 | 15.03.2011 to 20.03.2011 | 400.0 | 300 | 33.3% increase in yield |

7. FARM PRODUCTION PROGRAMME

| Sl. No. | Crop(variety)/Animal (breed)/Fish, etc. | Area under production | Qty. Produced | Qty sold | Qty unso.ld | Qty damaged | Total revenue (Rs.) |
|---------|---|-----------------------|---------------|-------------|-------------|-------------|---------------------|
| 1. | Bamboo | 0.13 | 58 clumps | 58 clumps | New shoots | | 25000.00 |
| 2. | Litchi | | | 1 no tree | | | 400.00 |
| 3. | Pinepapple | | | 223 nos | | | 1784.00 |
| 4. | Jackfruit | 30 plants | | 3000 kg | | | 6000.00 |
| 5. | Maize | | | 1.5 q | | | 1125.00 |
| 6. | Mesta stick | | | 800 bundles | | | 3200.00 |
| 7. | Tree | | | 5 woods | | | 14650.00 |
| 8. | Citrus (Assam Lemon) | | | 100 nos | | | 50.00 |
| 9. | Coconut | | | 50 nos | | | 400.00 |
| 10. | Rice straw | | | 4 cart | | | 800.00 |

8. SEED/PLANING MATERIAL PRODUCTION PROGRAMME

| Sl. No. | Name of crop | Variety | Area under production programme | Type of seed produced (Breeder seed/certified seed/Foundation seed) | Qty produced | Qty sold | Sold to organization/farmers | Amount received (Rs.) |
|---------|--------------|----------------|---------------------------------|---|---------------------|----------|------------------------------|-----------------------|
| 1. | Sali Rice | Ranjit | 1.5 ha | Foundation | 35.00 q | | | |
| 2. | Sali Rice | Mahsuri | 0.5 ha | Foundation | 5.00 q | | | |
| 3. | Sali Rice | Swarna Mahsuri | 0.5 ha | Foundation | 5.00 q | | | |
| 4. | Boro Rice | Swarnabh | 0.5 | Certified | Yet to be harvested | | | |
| 5. | Ahu Rice | Banglami | 0.5 ha | Certified | 6.00 q | 6.00 q | Farmers | 4800.00 |
| 6. | Mesta | HC 583 | 1.5 ha | Certified | 4.00 q | | | |
| 7. | Sesamum | | | Foundation | 30 kg | | | |
| 8. | Blackgram | SB 121 | | Foundation | 50 kg | | | |
| 9. | Blackgram | PU 19 | | Certified | 50 kg | | | |
| 10. | Toria | TS-36 | 0.25 ha | Foundation | 1.0 | | | |
| 11. | Toria | TS-38 | 0.25 ha | Foundation | 1.0 | | | |
| 12. | Niger | NG-1 | 0.5 ha | Certified | 2.25 | | | |

| | | | | | | | | |
|-----|------------------|------------------|---------|-----------|----------|----------|---------|---------|
| 13. | Buckwheat | Local | 2.0 ha | Certified | 7.7 | | | |
| 14. | Zinger | Local | 0.03 ha | Certified | 20 kg | 20 kg | Farmers | 700.00 |
| 15. | Turmeric | Tall Clone | 0.13 ha | Certified | 2.5 q | 1.5 q | Farmers | 3000.00 |
| 16. | Grass | Napier | | | 1000 nos | 1000 nos | Farmers | 250.00 |
| 17. | Grass | Para | | | 1000 nos | 1000 nos | Farmers | 250.00 |
| 18. | Pineapple sucker | Kew | | | 1000 nos | | | |
| 19. | Banana | Malbhog | | | 500 nos | 350 nos | NGO | 1750.00 |
| 20. | Citrus | Assam lemon | | | 500 nos | | | |
| 21. | Blackpepper | Karimunda | - | | 100 nos | | | |
| 22. | Blackpepper | Paniyur 1 | - | | 100 nos | | | |
| 23. | Brinjal | Pusa Purple Long | - | | 500 nos | 500 nos | Farmers | 250.00 |
| 24. | Cabbage | Golden acre | - | | 500 nos | 500 nos | Farmers | 250.00 |
| 25. | Cauliflower | Pusa Snowball | | | 500 nos | 500 nos | Farmers | 250.00 |
| 26. | Tomato | Avinash 2 | - | | 250 nos | 250 nos | Farmers | 125.00 |
| 27. | Knolkhol | | - | | 1000 nos | 1000 nos | Farmers | 500.00 |
| 28. | Chillies | Surjamukhi | - | | 500 nos | 500 nos | Farmers | 250.00 |
| 29. | Musanda | Local | - | | 500 nos | 500 nos | Farmers | 2500.00 |
| 30. | Gerberra | | | | 250 nos | 250 nos | Farmers | 1250.00 |
| 31. | Tuberoase | | | | 250 nos | 250 nos | Farmers | 1250.00 |
| 32. | Marigold | | | | 250 nos | 250 nos | Farmers | 500.00 |

9. DETAILS OF INVOLVEMENT IN RAWEP/FWEP/RHWEP: NIL

10. SOIL TESTING LABORATORY STATUS (MONTH-WISE)

| Month | No. of sample received with date | No. of sample analysed with date | Farmer's name | Name of place/village from where soil sample was collected | pH of the sample | Major elements analyzed Kg/ha | | | Name of the scientists associated with analysis | Remarks, if any |
|------------|----------------------------------|----------------------------------|----------------------|--|------------------|----------------------------------|-------|--------|---|-----------------|
| | | | | | | N | P | K | | |
| Apr,2010 | 3(29-04-10) | 3 (2-05-10) | 1. Sikandar Ali | Matiapara No.1 | 5.7 | 295.5 | 16.7 | 282.2 | Mrs. Manashi Chakravarty | |
| | | | 2. Dibakar Ray | Hatigarh No.1 | 5.3 | 339.0 | 26.88 | 241.9 | | |
| | | | 3. Sharbat Ali | Hasrewbari | 5.2 | 302.52 | 14.56 | 147.84 | | |
| May, 2010 | | | | | | | | | | |
| June, 2010 | | | | | | | | | | |
| July, 2010 | 11(10-07-10 , 17-07-10) | 11(25-07-10) | 1. Hanifuddin Mullah | Goladangi No.2 | 5.0 | 425.5 | 12.2 | 210.7 | | |
| | | | 2 Biron Basumatary | -Do- | 4.9 | 410.6 | 10.9 | 198.2 | | |
| | | | 3. Niren Ray | Bhomrabil No.1 | 5.1 | 350.0 | 18.4 | 170.7 | | |
| | | | 4. Manindra Nath Ray | Basantipur | 5.0 | 539.4 | 24.4 | 168.5 | | |
| | | | 5. Shymal Kr Ray | -Do- | 5.1 | 535.2 | 15.1 | 159.2 | | |
| | | | 6. Majibor Rahman | Serfanguri | 4.9 | 365.2 | 11.6 | 181.3 | | |
| | | | 7. Nirmal Basumatary | Malaguri | 5.0 | 325.6 | 17.6 | 228.7 | | |
| | | | 8. Kirtinath Brahma | Malaguri | 5.1 | 350.5 | 18.1 | 230.6 | | |
| | | | 9. Bishnu Das | Dolgaon | 5.2 | 345.7 | 20.2 | 170.5 | | |
| | | | 10. Parimal Das | Dolgaon | 5.0 | 340.6 | 19.4 | 192.6 | | |
| | | | 11.Amzad Ali | Onthaibari | 5.2 | 310.0 | 15.38 | 215.04 | | |
| August, | 20 (3-08-10, | 20 (15-08-10) | 1. Sankar | Kadamguri | 4.8 | 371.5 | 22.6 | 141.2 | | |

| | | | | | | | | | | |
|------|----------|--|---------------|------------|-----|--------|------|--------|--|--|
| 2010 | 5-08-10) | | Basumatary | | | | | | | |
| | | | 2. Raja | -do- | 4.9 | 312.2 | 18.6 | 142.7 | | |
| | | | Basumatary | | | | | | | |
| | | | 3. Milan | Bhomrabil | 5.2 | 382.7 | 12.5 | 221.6 | | |
| | | | Chandra | | | | | | | |
| | | | Biswas | | | | | | | |
| | | | 4. Abdul | Naisapara | 5.2 | 370.2 | 19.6 | 230.7 | | |
| | | | Razzaque | | | | | | | |
| | | | 5. Upendra | Kapragaon | 5.6 | 313.2 | 11.6 | 123.5 | | |
| | | | Brahma | | | | | | | |
| | | | 6. Khutiram | -do- | 5.7 | 275.2 | 10.5 | 119.3 | | |
| | | | Brahma | | | | | | | |
| | | | 7. Abdul | Bhomrabil | 5.0 | 381.6 | 17.9 | 275.4 | | |
| | | | Haque | | | | | | | |
| | | | Talukdar | | | | | | | |
| | | | 8. Nikendra | Lucidbil | 5.1 | 313.2 | 21.8 | 280.4 | | |
| | | | nath Brahma | | | | | | | |
| | | | 9. Malsing | -do- | 5.2 | 330.69 | 38.4 | 218.5 | | |
| | | | Narzary | | | | | | | |
| | | | 10. Biron | Goladangi | 4.8 | 414.50 | 20.4 | 219.2 | | |
| | | | Basumatary | | | | | | | |
| | | | 11.Durga | Kadamguri | 5.1 | 318.0 | 20.0 | 154.5 | | |
| | | | Basumatary | | | | | | | |
| | | | 12. Amal | Bhomrabil | 5.2 | 365.2 | 14.5 | 140.7 | | |
| | | | Chandra | | | | | | | |
| | | | Biswas | | | | | | | |
| | | | 13. Abdul | Bajugaon | 6.0 | 510.4 | 18.2 | 304.1 | | |
| | | | Aziz Sk | | | | | | | |
| | | | 14. Manindra | Basantipur | 4.8 | 545.2 | 30.6 | 140.5 | | |
| | | | Nath Ray | | | | | | | |
| | | | 15. Nimai Das | Oxiguri | 5.5 | 520.2 | 27.5 | 304.12 | | |
| | | | 16. Ananta | Goladangi | 4.6 | 320.7 | 20.6 | 138.4 | | |
| | | | Narzary | | | | | | | |
| | | | 17. Debnath | Maktaigaon | 5.1 | 420.6 | 30.5 | 134.4 | | |
| | | | Mushahary | | | | | | | |
| | | | 18. Moden | Sahajuri | 4.7 | 335.1 | 17.0 | 192.6 | | |

| | | | | | | | | | | |
|--------------------|--|--|--|---|---|--|---|---|--------------------------------|--|
| | | | Basumatary 19. Kirtinath Brahma 20. Nirmal Brahma | Malaguri Malaguri | 5.1 5.0 | 320.6 350.2 | 21.4 25.6 | 210.4 230.7 | | |
| September, 2010 | 17 (10.09.09, 14-09-10, 15- 09-10, 16-09- 10) | 17 (20.10.09) (Samples are termit crust, earthworm cast, river bed soil, burnt soil, soil used as soap) | 1. Sribas Biswas 2. . Sribas Biswas 3. Sribas Biswas 4. Rabin Basumatary 5. Student of Gossaigaon higher secondary school 6. -do- 7. -do- 8. -do- 9. -do- 10. -do- 11. Abdul rasid Bhuyan 12. -do- 13. Enus Ali 14. -do- 15. -do- 16. -do- 17. -do- | Grahampur -Do- -Do- Kachugaon Gossaigaon -do- -do- -do- -do- -do- Khasiabari Raimona Howeriapet -do- -do- -do- -do- -do- | 6.46 5.35 5.47 5.20 5.91 6.73 6.2 9.82 5.18 4.86 5.4 5.5 5.35 5.50 6.36 6.85 7.42 | - - - 1210 249.4 375.56 498.4 - 199.59 - 129.5 335.7 - - - - - | 15.68 11.2 26.88 66.6 58.99 253.86 151.32 46.17 57.43 51.29 92.62 102.59 53.86 192.36 35.94 23.14 - | 3454 8960 6720 221.76 302.4 450.24 1747.0 640.0 235.2 2553.6 60.48 87.36 107.52 67.2 40.8 - - | Mrs. Manashi Chakravarty | |

| | | | | | | | | | | |
|----------------|------------------------|---------------|--|--|--|--|--|--|--------------------------|--|
| October, 2010 | 2 (06-09-10) | 2 (10-09-10) | 1. Monowar Hussain 2. Babulal Soren | | 4.9 5.3 | 276.8 450.34 | 28.07 25.15 | 364.68 376.32 | | |
| November, 2010 | 3 (15-11-10, 26.11.10) | 3 (30.11.10) | 1. Rabin Basumatary 2. Ashok Basumatary 3. Bikram Basumatary | Kachugaon Khasiabari Khasiabari | 5.0 4.85 4.7 | 59.79 325.17 319.40 | 107.7 15.35 20.2 | 215.04 141.12 127.68 | Mrs. Manashi Chakravarty | |
| December, 2010 | 2 (5-12-10) | 2 (31-12.10) | 1. Maniram Basumatary 2. -do- | Deborgaon -do- | 5.1 4.8 | 450.34 373.31 | 51.7 69.2 | 94.0 517.4 | -do- | |
| Jan, 2011 | 1 (08-01-11) | 12-01-110 | Abdul Kalam Sk | Kachakhama | 4.9 | 229.8 | 79.5 | 282.24 | -do- | |
| Feb, 2011 | 20 (12-02-11) | 20 (21-02-11) | 1. Manindra Nath Ray 2. Shaymal Kr Ray 3. Shantanu Biswas 4. Amal Biswas 5. Kirtinath Brahma 6. Anjib Brahma 7. Nirmal Basumatary 8. Kiran Basumatary 9. Abdul Aziz Shiekh 10. Waris Shiekh | Basantipur -Do- Bhomrabil -Do- Malaguri -Do- -Do- -Do- No.1 Maktaigaon -Do- | 5.1 5.0 5.2 5.2 5.1 5.1 5.2 5.2 6.0 6.0 | 318.5 366.2 410.6 421.5 450.6 341.0 298.0 287.5 515.6 517.2 | 16.5 14.1 22.6 24.5 21.2 19.8 20.5 25.1 22.0 20.4 | 220.4 205.6 180.4 176.4 129.2 127.6 211.7 219.6 224.5 220.8 | -do- | |

| | | | | | | | | | | |
|-------|--|--|-----------------------|------------|-----|-------|------|-------|--|--|
| | | | 11. Abdul Aziz Shiekh | -Do- | 6.1 | 540.2 | 25.1 | 226.4 | | |
| | | | 12. Waris Shiekh | Maktaigaon | 6.0 | 527.6 | 22.4 | 222.5 | | |
| | | | 13. Fayzul Haque | Ballamguri | 5.2 | 312.4 | 15.2 | 181.7 | | |
| | | | 14. Safijul Haque | -Do- | 5.1 | 510.8 | 13.7 | 180.5 | | |
| | | | 15. Kalipada Das | Baruapara | 5.4 | 290.6 | 16.1 | 150.2 | | |
| | | | 16. Swapan Das | Natunpara | 5.2 | 322.4 | 17.9 | 175.8 | | |
| | | | 17. Roma Nath Das | -Do- | 5.6 | 350.6 | 15.4 | 210.5 | | |
| | | | 18. Ranjit Das | -Do- | 5.1 | 313.4 | 11.6 | 207.4 | | |
| | | | 19. Gali Brahma | Boyatamari | 5.0 | 340.9 | 12.2 | 280.1 | | |
| | | | 20. Binay Das | Thuribari | 5.0 | 308.6 | 11.8 | 190.5 | | |
| March | | | | | | | | | | |

11. PUBLICATION OF BULLETIN/LEAFLETS, ETC.

| Sl. No. | Year of publication | Name of the scientist | Title of bulletin/leaflet | Medium of publication (Assamese/Bengali/English) |
|---------|---------------------|--|---|--|
| 1. | 2010 | M. Chakravarty, S. Brahma, C. R. Deka and M. U. Basumatary | Green manuring for management of soil fertility | Assamese |
| 2. | 2010 | M. Chakravarty, S. Brahma, C. R. Deka and M. U. Basumatary | Soil fertility management in Sali rice | Assamese |
| 3. | 2010 | M. Chakravarty | Importance of soil testing (leaflet) | Assamese |
| 4. | 2010 | M. Chakravarty | Collection of soil sample for soil testing | Assamese |
| 5. | 2010 | M. Chakravarty | Soil fertility management in Boro rice. | Assamese |

| | | | | |
|-----|------|---|--|----------|
| | | | | |
| 6. | 2010 | S. Brahma, Y. Prasad, M. Chakravarty, C.R. Deka | Commercial Cultivation of okra | Assamese |
| 7. | 2010 | S. Brahma, Y. Prasad, M. Chakravarty, C.R. Deka | Improved cultivation practices of banana | Assamese |
| 8. | 2010 | S. Brahma, Y. Prasad, M. Chakravarty, C.R. Deka | Nursery raising techniques of cole crops. | Assamese |
| 9. | 2010 | S. Brahma, Y. Prasad, M. Chakravarty, C.R. Deka | Layout and management of model kitchen garden | Assamese |
| 10. | 2010 | S. Brahma | Integrated nutrient management in coconut and arecanut (Leaflet) | Assamese |
| 11. | 2010 | S. Brahma | Nursery raising techniques, care and management of coconut and arecanut seedlings in the nursery bed (Leaflet) | Assamese |
| 12. | 2010 | B. C. Deka and N. Dutta | <i>Dhanar pradhan rog samuhar susanghata niyantran babyastha</i> | Assamese |
| 13. | 2010 | B. C. Deka, K. Roy and N. Dutta | <i>Rasayanik kitnasak babyaharat labalaga sabadhanata</i> | Assamese |
| 14. | 2010 | N. Dutta, B. C. Deka, B. K. Barua, S. P. Saikia and M. Tudu | <i>SRI paddhatire dhan kheti</i> | Assamese |
| 15. | 2010 | C. R. Deka, S. Brahma, Y. Prasad, M. Chakravarty & M. U. Basumatary | <i>Cultivation practices of edible Bamboo</i> | Assamese |
| 16. | 2010 | C. R. Deka, S. Brahma, Y. Prasad, M. Chakravarty & M. U. Basumatary | <i>Role of KVK in establishment of rural organization and agricultural extension</i> | Assamese |

12. TECHNOLOGY SHOWCASING

| Period/ Season | Crop | Area (ha) | No. of farmers | Yield (qt/ha) | | | Name of the line departments involved | Remarks |
|-------------------|---------------------------|-----------|-------------------|------------------------|--------|---------|---|--------------------------|
| | | | | Highest | Lowest | Average | | |
| Kharif | Sali Rice | 100 ha | 210 | 60.0 | 42.0 | 51.0 | Dept. of Agriculture, DAO , Kokrajhar | Certified seed- 400 t |
| Rabi | Rape seed (Var, TS-46) | 20 ha | 28 | 13.5 | 7.5 | 10.5 | Dept. of Agriculture, DAO , Kokrajhar | 200 qt |
| | Lentil (var. PL- 406) | 1 ha | 2 | 9.0 | 5.0 | 7.0 | Dept. of Agriculture, DAO , Kokrajhar | 7.0 qt |
| | Boro rice (Swarnabh) | 8 | 12 | Yet to be harvested | - | - | Dept. of Agriculture, DAO , Kokrajhar | |
| Summer | Ahu rice (Luit) | 5.0 | 15 | -do- | - | - | Dept. of Agriculture, DAO , Kokrajhar | |

13. STATUS OF SAC MEETINGS:

| No. of SAC conducted | Date of meeting | Name of line departments who attended the SAC meeting | No. of members attended the SAC meeting |
|-------------------------|-----------------|--|--|
| 1 (One) | 09.03.2011 | 1. Dept. of Agriculture, BTC, Kokrajhar | 21 |
| | | 2. Dept. of Horticulture, BTC, Kokrajhar | |
| | | 3. Dept. of Soil Conservation, BTC, Kokrajhar | |
| | | 4. Dept. of Sericulture, BTC, Kokrajhar | |
| | | 5. Dept. of Fishery, BTC, Kokrajhar | |
| | | 6. DDM, NABARD, Kokrajhar | |
| | | 7. All India Radio, Kokrajhar | |
| | | 8. NGO- Luthern World Service, Kachugaon Branch | |
| | | 9. District President, Pathar Parisalana Samittee, Kokrajhar | |
| | | 10. DICC, Kokrajhar | |
| | | 11. Farmers and farm women representatives | |

14. RKVY ACTIVITIES

A.

| List of equipment/animal produced under RKVY | Year of purchase | Remarks |
|---|------------------|-----------------------------|
| Chaff cutter | 2009 | Working |
| Chemical balance | 2007 | Working (Soil Testing Lab.) |
| Conductivity bridge | 2007 | Working (Soil Testing Lab.) |
| Cultivator | 2009 | Working |
| Disc harrow | 2009 | Working |
| Disc plough | 2009 | working |
| Earth Augar | 2009 | Working |
| Small hand tools (shovel, kudal, axe, secutures, khurpi, rack, sickle, kataris, grass cutter etc) | 2010 | Working |
| Knapsack power duster | 2010 | Working |
| Knapsack sprayer (Brass) | 2010 | Working |
| M.B. Plough | 2009 | Working |
| Mechanized grass cutter | 2009 | Working |
| Mechanized Grass Cutter | 2009 | Working |
| Motorized Knapsack sprayer | 2009 | Working |
| Multi purpose power weeder | 2009 | Working |
| Paddle operated paddy thresher | 2010 | Working |
| Paddy Transplanter | 2009 | Working |
| Power paddy weeder | 2009 | Working |
| Power sprayer | 2009 | Working |
| Power tiller | 2009 | Working |
| Puddler | 2009 | Working |
| Rotavator | 2009 | Working |
| Seed cleaner & | 2009 | Working |

| | | |
|----------------------|------------|---------|
| accessories | | |
| Short rotary | 2009 | Working |
| Sprinkler irrigation | 2010 | Working |
| Water pump | 2009, 2010 | Working |
| Wheel burrows | 2010 | Working |

B.

| Name of demonstration unit established | Year of start | Remarks |
|--|---------------|-----------|
| Goatery | 2009 | Working |
| Piggery | 2010 | Working |
| Poultry | 2010 | Working |
| Vermicompost Unit | 2010 | Working |
| Display & Demonstration Unit | 2010 | Completed |
| Rice-Fish-vegetable farming Unit | 2011 | -do- |
| Polyhouse | 2011 | -do- |

C.

| Infrastructure developed under RKVY | Year of start | Remarks |
|-------------------------------------|---------------|-----------|
| Implement shed | 2009 | Working |
| Chowkider shed | 2009 | Working |
| Goatery | 2009 | Working |
| Piggery | 2010 | Working |
| Poultry | 2010 | Working |
| Vermicompost Unit | 2010 | Working |
| Display & Demonstration Unit | 2010 | Completed |
| Residential store | 2011 | -do- |
| Deep Tube Well | 2011 | -do- |
| Seed Cleaner house | 2011 | -do- |
| Farm Approach Road | 2011 | -do- |

| | | |
|----------------------------------|------|------|
| Rice-Fish-vegetable farming Unit | 2011 | -do- |
| Polyhouse | 2011 | -do- |

15. EMPLOYMENT GENERATION ACTIVITIES ORGANIZED FOR UNEMPLOYED YOUTH/WOMEN/ENTREPRENEURS

| Sl. No. | Area of activities | No. of rural youth/women attended | No. of rural youth/women adopted | Address of unit with date of start | Area/capacity of the unit | Annual income from unit (Rs.) | Remarks |
|---------|------------------------------|-----------------------------------|----------------------------------|--|---|---|---------|
| 1. | Vermicompost | 28 | 5 | 1. Mr. Ranjit Das, Baruapara No.1, July, 2010 2. Milan Jyoti SHG, Mahendrapur, August, 2010 3. Yunus Ali Seikh, Moamari, August, 2010 4. Anita Das, Bhowraguri, July, 2010. 5. Nitai Das, Gossaigaon, June, 2010 | 8ft x 4ft x 3ft -do- -do- -do- -do- | 30,000-35,000 -do- -do- -do- -do- | |
| 2. | Off-season vegetable product | | | | | | |
| 3. | Off-season flower product | | | | | | |
| 4. | Broiler production | 18 | 3 | 1.Mr. Nibaran Das, 1 No. Sarfenguri village Gossaigaon, 2010 | 100 Nos of birds | 10,000 | |

| | | | | | | | |
|----|---------------------|----|---|---|--|---|--|
| | | | | 2. Mr. Pulak Hangsa, 1 No. Sarfenguri village, Sept, 2010 3. Mr. Pranab Kr. Narzary, Dhauliguri, June, 2010. | 100 Nos of birds 600 Nos | 10,000 80,000 | |
| 5. | Pig production | 25 | 4 | 1. Mr. Ananta Ray, West Dimalgaon, 2010 2. Mr. Mantu Barman, Batapura village, 2010 3. Mr. Dibakar Ray, Hatigarh Village, 2010 4. Ranjit Roy, Rajapara village, 2010 | 50 Nos of Pig 4 Nos 20 Nos 25 Nos | 4,00000 20,000 1,50,000 1,70,000 | |
| 6. | Fish production | 27 | 3 | 1. Mr. Bhuban Das, Bhwaraguri, 2. Prafulla Ray, Hatigarh 3. Chandra Goyary, Aminkata | 0.27 ha 0.53 ha 0.53 ha | 64,000 1,30,000 1,50,000 | |
| 7. | Mushroom production | 27 | 4 | 1. Ranjali SHG, Serfenguri, | 5 kg fresh Oyster | 90,000 | |

| | | | | | | | |
|----|----------------------|----|---|---|---|----------|--|
| | | | | November, 2010 | Mushroom per day for 6 months | | |
| | | | | 2. Schedule cast SHG, Moinaguri, November, 2010 | -do- | 90,000 | |
| | | | | 3. Anjali SHG, Dharampur, Kokrajhar, October, 2010 | 5 kg fresh Oyster Mushroom per day for 7 months | 1,05,000 | |
| | | | | 4. Bithurai SHG, Ramfalbil, December, 2010 | 10 kg fresh Oyster Mushroom per day for 5months | 1,50,000 | |
| 8. | Horticulture nursery | 30 | 6 | 1. Aziz Sheikh, Maktaigaon village, September, 2010 | Vegetable seedlings-7000 Nos. | 21,000 | |
| | | | | 2. Ranjit Das, Bhowraguri, August, 2010 | Flowers seedlings-50,000 Nos. | 1,50,000 | |
| | | | | 3. Akhil Sarkar, Bhowraguri, Sept, 2010 | Vegetable seedlings-15,000 Nos. | 45,000 | |
| | | | | 4. Madan Biswas, Kusumbil, Oct, 2010 | Flowers seedlings-10,000 | 30,000 | |

| | | | | | | | |
|-----|----------------|----|---|--|-------------------------------------|---------------------------------------|--|
| | | | | 5. Tanu Biswas, Kusumbil, Oct, 2010 | -do- | 30,000 | |
| | | | | 6. Tapash Biswas, Kusumbil, Oct, 2010 | -do- | 30,000 | |
| 9. | Cattle farming | 13 | 3 | 1. Mr. Madhusudan Ray, Tengapara village, 2010 2. Mr. Nagen Debnath, Bhabanipur village, 2010 3. Mr. Durga Narzary, Bagansali village, 2010 | 60 Nos 70 Nos 100 Nos | 4,00000 5,00000 8,00000 | |
| 10. | Goatery | 7 | 2 | 1. Md. Ajijur Rahman, Tamarhat, 2010 2. Mr. Dambeshwar Roy, Bhotgaon village, 2010 | 12 Nos 50 Nos | 18,000 38,000 | |

16. SUCCESS STORY WITH ECONOMIC DETAILS (Achievement, photo, paper cutting)

Model farmer – Mr. Manoranjan Narzary

Mr. Manoranjan Narzary aged 46 Years, S/o Late Mapen Narzary of village Kujrabguri under Dotma Dev. Block in Kokrajhar district graduated himself from Kokrajhar college in 1990. At that time, he inherited 5.87 ha of cultivable land as paternal property. He observed that his father's income was meager from the land he was cultivating. His income was not adequate to meet both ends of the family. From his student life he was observing that it was very difficult to manage a white collar job. Under such circumstances, just after graduation he decided to engage himself in scientific agriculture. Instead of his father's traditional cultivation, he thought of modern cultivation. He was encouraged to take up such venturesome task by some farmers of neighboring state west Bengal when he visited some of his relatives. For the first time, he started horticultural farming by cultivating hybrid tomato, cabbage, cauliflower etc.. This first venture earned him a good profit and since then, he did not have to look back. Incidentally he noticed a success story in a leading daily which depicted nicely the key of success of a young ordinary farmer of Gossaigaon having comparatively low land holding. This particular farmer got assistance from KVK, Gossaigaon. These stimulated Mr. Narzary to take up more activities on modern agricultural farming. After reading the success in the news paper he hurriedly visited KVK, Gossaigaon where he sought suggestion from KVK, scientist for enhancing income by utilizing his vast land. A discussion was held between Mr. Narzary and scientists of KVK of different discipline . Few days later, a team of scientist of KVK, Gossaigaon visited the home of Mr. Narzary. The scientists of KVK, saw tremendous potentialities of Mr. Narzary and took the challenge to convert Mr. Narzary, a model farmer of Kokrajhar district.

The KVK, Gossaigaon undertook Front Line Demonstration in the field of Mr. Narzary on rice varieties of Ranjit, Luit, Swarna Mashuri. Simultaneously several On Farm Trials like Biofertilizers in rice and biological control in brinjal were conducted in the land of Mr. Narzary under the direct supervision of KVK, scientists. The results were encouraging and Mr Narzary also participated in various training programmes conducted by KVK, Kokrajhar. Getting himself well trained, he started integrated farming in his land and shifted completely to scientific farming instead of his father's traditional farming. He started rice cultivation (Ahu rice) in 2.13 ha of land and kharif rice in 6.66 ha of land. Moreover, he cultivates Rapeseed and lentil in 5.33 ha of land. From this also, he could earn a lot. Since then, he is running a Integrated farming with horticultural crops, rice, Agro-forestry, poultry, fisheries, cattle, goat and piggyery. etc.

The rice varieties which he is cultivating are Ranjit, Swarna Mashuri, local Joha rice, Phulpakhri, Parimal etc. In 0.26 ha fishery, he is rearing Rohu, common carp, Mrigal, Catla, Grass carp, Chinese carp etc. Moreover, he is running a broiler farm of 200 capacity, 10 nos. of local goat and 3 nos. of pig of cross breed. He is managing 0.53 ha of agro-forestry including 0.26 ha arecanut, and 0.26 ha bamboo plantation. In addition to this, he owns a tractor, one power pump set and a spray machine. From his increased income and he could purchase 1.46 ha of land from the neighbours.

At present, his annual income is more than 4.0 lakhs and he constantly engage 4 labours in his field. Thus, Mr. Narzary has become a model farmer. People from distant and nearby places used to visit his farm and take advice and suggestion.

An unemployed man becomes a successful dairy farm

Sri Nagen Debnath aged 55 years S/o of Late Deben debnath of Bhabanipur area Titaguri of Kokrajhar town is now a successful dairy farmer. But behind his success, there lies a sad and pathetic story. Mr Debnath lost his father at the age of 9 years. He did not see the door of any educational Institution due to abject poverty of the family. He had no other alternative but to engage himself in agricultural land of 0.4 ha along with his mother and other family members. But this was not sufficient to meet both ends of the family. The members of the family did not get two square meals a day. The land of 0.4 ha was too meager to produce the required quantity of crops and other agricultural produce for the family. Days were passing and Mr. Debnath was growing, sharing the day- to- day sufferings of the family members. At a time, he entered from his childhood to youth and thought deeply for enhancing the income of the family. For this, he first started contract farming in neighbour's land. This could give him a slight release on economic front. Along with this, he reared bullocks and cows for ploughing and milch purpose. The Kokrajhar town was expanding day- by- day and the demand of milk in the town was also increasing. This caught the notice of Mr. Debnath. From earlier he was rearing dairy cows of local breed. One fine morning, he visited Veterinary Hospital in Titaguri and sought the suggestion from the veterinary Assistant surgeon working in that hospital as to how to increase milk production of his local cow. The veterinary surgeon felt very happy and enlightened Mr. Debnath about artificial Insemination and Accordingly Mr. Debnath brought one of his cows in heat for A.I. The result was fortunately a female calf which at time became a cow with higher milk productivity. This greatly encouraged Mr. Debnath. Along with the contract farming, he was expanding his dairy farm, but faced problems in the management sector. Very often the cows of his farm fell sick and some times a few calves suddenly died. Mr. Debnath was at a loss as to whether to continue his dairy farm or not. At that time, Veterinary Assistant Surgeon (VAS) of Kokrajhar Vet. Hospital suggested him to visit KVK in Gossaigaon. Accordingly, he visited KVK,

Gossaigaon, Telipara. The veterinary scientist of KVK, Gossaigaon and programme coordinator held a discussion with Mr. Debnath. They suggested him to undergo a training Programme to be conducted by KVK. Accordingly he participated in the training programme on “Scientific dairy management” of two days duration. After that Mr. Debnath went back and constructed a scientific dairy house and started dairy farm with renewed vigour. More over, the KVK, Gossaigaon conducted FLD on oat cultivation. All these helped Mr. Debnath to enrich his knowledge on scientific dairy farming and to increase the income from it. Now Mr. Debnath is practising his existing dairy farm for about 25 years. The cows in his farm include cross bred Jursey, Red Sindhi and Holeisten frisien. The total herd strength is 41. The cross bred cows give on an average 8-10 lit of milk whereas pure bred cows give 18- 20 lit of milk daily.

He grows oat and maize for fodder. He also stores paddy straw for lean season. Now, his son also helps him in dairy farming. And thus, he could expand his agricultural contract farming where he grows rice of Ranjit, Bahadur, Keteki joha, and Mahsuri variety in 4.0 ha of land. Moreover, he cultivates Rapeseed, Maize each in 0.67 ha of land. Regarding vegetable crops, he grows Ridge gourd, Pumpkin, Ladies finger, Potato, Tomato and Brinjal. Besides these, Mr. Debnath runs a rice mill near his house. His total annual income is more than 5.0 lakhs. Thus, from his abject poverty, in his childhood Mr. Debnath has become a successful dairy farmer.

17. DETAIL PROGRAMME REPORT OF WORKS UNDER DPP (Details of residential quarters, office building, threshing floor, fencing, farmers’ hostel, etc.)

| Sl. No. | Particular | Year of Completion | Plinth Area (Sq Mts.) | Cost | Present Status | Remarks (if any) |
|---------|----------------------|--------------------|-----------------------|--------------|------------------------|------------------|
| 1. | Admin. Building | 1987-88 | 157.45 | 2,00,000.00 | Needs extension | From ICAR |
| 2. | Farmer's Hostel | 1987-88 | 910.1 | 14,00,000.00 | Needs major renovation | do |
| 3. | Staff Quarters (PC) | 2003 | 132.76 | 5,98,000.00 | Working | do |
| 4. | Fencing | 1995 | 0.80km | 4,92,000.00 | Needs renovation | do |
| 5. | Threshing floor | 2005 | 225 | 1,31,103.00 | Working | do |
| 6. | Implement shed | 2009-10 | 172 | 10,88,619.00 | Working | From RKVY |
| 7. | Chowkider shed | 2009-10 | 11.5 | do | Working | do |
| 8. | Seed storage | 2010-11 | 58.5 | 4,00,000.00 | Completed | do |
| 9. | Water supply | 2010-11 | 8000 lit | 4,79,368.00 | Completed | do |
| 10. | Seed Cleaner shed | 2010-11 | 27 | 2,79,500.00 | Completed | do |
| 11. | Farm electrification | 2010-11 | | 2,23,833.00 | Completed | do |

| | | | | | | |
|-----|-----------------------|---------|--------|-------------|-----------|----|
| 12. | Farm approach road | 2010-11 | 120 m | 1,04,800.00 | Working | do |
| 13. | Farm road development | 2010-11 | 1000 m | 1,77,191.00 | Completed | do |

18. TRAINING/SEMINAR/WORKSHOP ATTENDED BY KVK SCIENTISTS WITHIN/OUTSIDE STATE

| Sl. No. | Name of Scientist | Name of Training | Organized by | Place/Venue | Date/Period |
|---------|---------------------|--|--|---|--|
| 1. | Mrs. S. Brahma | Advanced training course on “Wild and Underutilized Fruits” | Regional Centre, NAEB (Ministry of Environment and Forests, GOI) | Dr. Y.S.Parmer University of Horticulture and Forestry, Solan, HP | 22 nd July 2010 to 11 th August 2010 |
| 2. | Mrs. S. Brahma | Production Management and Post-Harvest Technology of major Spices in Assam | CPCRI, Kahikuchi, Guwahati | SIRD, Kahikuchi, Guwahati | 3 rd to 4 th March, 2011 |
| 3 | M.U. Basumatary | State Level workshop on Strategies on Quality Seed Production | AAU, Jorhat | AAU, Jorhat | |
| 4. | Dr. B. C. Deka | Agri Entrepreneurship Development | MANAGE, Hyderabad | IIE, Guwahati | 13 – 17, September 2010 |
| 5. | Dr. B. C. Deka | Biotechnology led organic production of horticultural crops | ICAR Research Complex for NEH region, Umiam | Umiam, Meghalaya | 18 – 20, October 2010 |
| 6. | Dr. B. C. Deka | Biotechnology led organic farming in North Eastern Region | ICAR Research Complex for NEH region, Umiam | Umiam, Meghalaya | 2 nd March 2011 |
| 7. | Mrs. M. Chakravorty | Promotion of group led farming and group led extension | EEI, Jorhat | EEI, Jorhat | 9 th to 14 th August, 2010 |

19. RADIO TALK/TV PROGRAMME: NIL

| Sl. No. | Title of the topic | Date of broadcast | Radio station (like Guwahati/Dibrugarh/Jorhat, etc.), TV Station (Guwahati/Dibrugarh) | Name of scientist who delivered/participated |
|---------|--------------------|-------------------|---|--|
| | | | | |

20. PUBLICATION OF SCIENTIFIC PAPER/POPULAR ARTICLE/ETC. BY KVK SCIENTISTS

| Sl. No. | Title of the paper/ article | Name of scientist(s) in bibliographical manner | Year of publication | Name of journal/ Newspaper | Vol. No. (Issue No.):pages [e.g. 88 (4):104-107] |
|---------|--|--|---------------------|---|---|
| 1. | Cellulose amendment on the development of Azotobacter population density. | Dr. U. J. Sarma and Mrs. M. Chakravarty | 2010 | Advances in Plant Science | 23 (II) :759 |
| 2. | Residual effect of Rhizobium inoculated pea crop on yield of Lady's finger | Dr. U. J. Sarma and Mrs. M. Chakravarty | 2010 | Advances in Plant Science | 23 (II) :651-652 |
| 3. | Involvement of rural women of Assam in horticultural crops for sustainable horticultural development | C. R. Deka, M. D. Das and D. Nath | 2010 | The Indian Psychological review | 74(4):255-260 |
| 4. | Correlates of knowledge level of dairy farmers in the Kamrup District of Assam | M. N. Ray, K. K. Saharia and C. R. Deka | 2010 | The Asian Journal of Psychology and Education | 44 (1-2): 17-22 |
| 5. | Crop residues for Sustainable Soil Productivity. | Dr. U. J. Sarma and Mrs. M. Chakravarty, | July, 2010 | Agrobios Newsletter | IX, (2): 20 |
| 6. | Role of Potassium in crop production (Assamese) | Mrs. M. chakravarty and Dr. U. J. Sarma | 2010 | Dainik Agradoot | 25 th August issue, 2010 |
| 7. | Testing of agricultural soils (Assamese) | Mrs. M. Chakravarty and Dr. U. J. Sarma | 2010 | Mithinga (The Nature) outhpiece of Kokrajhar District NCSC. | 25 th August,2010 25 th August,2010 2 : 54-57 |
| 8. | Soil –A living system | Dr. U. J. Sarma and Mrs. M. Chakravarty | 2010 | Mithinga (The Nature) An Annual Multilingual 25 th August,2010Mouthpiece of Kokrajhar District NCSC. | 25 th August,2010 2 : 7-10 |
| 9. | Climate change and soil productivity | Dr. U. J. Sarma and Mrs. M. Chakravarty | 2010 | Agrobios Newsletter | IX (6): 27-28 |
| 10. | SRI- A successful method of rice cultivation | Mrs. M. Chakravarty | 2010 | Prantik | 16 th November issue, 2010 |
| 11. | Vegetative propagation and cultivation techniques of chrysanthemum | Mrs. S. Brahma | 2010 | Saar Batori-A quarterly Agriculture Megazine published from FAI, Calcutta | October-December issue, 2010 |
| 12. | Multistoried cropping in horticultural | Mrs. S. Brahma | 2010 | Ghare Pathare-A monthly | October, 2010 |

| | | | | | |
|-----|---|--|------|---|------------------------------------|
| | crops | | | agriculture newsletter published from AAU, Jorhat | |
| 13. | Neem Tree-Gift of nature | Mrs. S. Brahma and Mr. Kishore Basumatary | 2011 | Assamese Daily “Dainik Agradoot” | 27 th April, 2011 |
| 14. | Improved technology for cultivation of Niger (Oilseed crops) | Mr. Chittaranjan Deka | 2010 | Assamese Daily “Dainik Agradoot” | 1 st December, 2010 |
| 15. | Cultivation of Mesta- A profitable crop enterprise | Mr. Chittaranjan Deka | 2010 | Assamese Daily “Dainik Agradoot” | 29 th December, 2010 |
| 16. | SRI- A wonderful technique for rice cultivation | M.U. Basumatary | 2011 | Souvenir of All Bodo Students Union (ABSU), Kokrajhar | 2-4th Feb., 2011 |
| 17. | Paribartita jalabayu aru patharat keet patangar upadrab | Dr. B. C. Deka | 2010 | Dainik Agradoot | 12th May 2010 |
| 18. | Jaibabristrita susanghata saisyā surakhya babasthyapana | Dr. B. C. Deka | 2010 | Dainik Agradoot | 11th August 2010 |

Programme Coordinator

KVK