**INDIAN COUNCIL OF AGRICULTURAL RESEARCH**

**Agricultural Technology Application Research Institute, Zone-VII**

**Umiam, Meghalaya**

***Format for Annual Action Plan Formulation of KVKs 2021-22***

**Name of the KVK/District: KVK Mokokchung**

**Present Staff Position in KVK:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Name** | **Gender (M/F)** | **Category (General/OBC/SC/ST)** | **Designation** | **Discipline** |
| 1. | Dr.Keviletsu Khate | M | ST | Senior Scientist and Head | Vety& AH |
| 2. | E.RenbomoNgullie | M | ST | Subject Matter Specialist | Horticulture |
| 3. | Dr.Rongsensusang | M | ST | Subject Matter Specialist | Vety& AH |
| 4. | K.SamuelSangtam | M | ST | Subject Matter Specialist | Agronomy |
| 5. | Imtilemla | F | ST | Subject Matter Specialist | Soil Science |
| 6. | Imtisenla | F | ST | Subject Matter Specialist | Agronomy |
| 7. | Dr.RuopfuselhuoKehie | M | ST | Subject Matter Specialist | Entomology |
| 8. | MoainlaLongkumer | F | ST | Programme Assistant | Horticulture |
| 9. | I.Tangitla | F | ST | Computer Programmer |  |
| 10. | IlikaV.Achumi | F | ST | Farm Manager | Horticulture |
| 11. | Keyilo | M | ST | Accountant / Superintendent |  |
| 12. | Imosangla | F | ST | Stenographer |  |
| 13. | Supongmeren | M | ST | Driver |  |
| 14. | Jongpongyanger | M | ST | Driver |  |
| 15 | Imkonglemla | F | ST | Supporting staff |  |
| 16 | Aotoshi | M | ST | Supporting staff |  |
| **Total** | **16** | | | | |

***Please furnish discipline-wise information in the given format pertaining to the mandated activities of your KVK targeted to be accomplished during 2021-22***

Discipline:Agronomy

Name of the concerned Subject Matter Specialist: K. Samuel Sangtam

Mobile No:9856580802

E-mailaddress: [Samuel\_annar@yahoo.com](mailto:Samuel_annar@yahoo.com)

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| **Mandated activities** | **Thematic Area** | | **Details of Technology** | | | | **Source and Year of release** | | | **Assess/Refine** | | | | **Area (in Ha)** | | **No of trial** | | | | **Location** | | | | | **Period and Duration** | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | |
| **SC/ST** | | | | | | | | | **General** | | | | | | | **Grand Total** |
| **M** | | | **F** | | | **Total** | | | **M** | | | **F** | **Total** | | |
| **On farm testing** | Varietal evaluation | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Seed Production | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Weed Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Nutrient Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Water Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Tillage Management/ Farm Machinery | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Farming System/ Integrated Crop Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Others (Pl. specify) | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
|  | | **Evaluation of millet under rainfed condition**  T1: Si A 3085  T2:Farmers practice (local) | | | | UAS, Dharwad, 2012 | | | A | | | | 0.7 Ha | | 3 | | | | Longsa, Longkhum  Ungma | | | | | April - July | | | 3 | | | 3 | | | 6 | | |  | | |  |  | | | 6 |
|  | | **Assessment of garden pea var. Arka priya**  T1: Arka priya  T2: Farmers practice | | | | IIHR, Bangalore, 2014 | | | A | | | | 0.75 | | 3 | | | | Longkhum  Yimchalu  Aliba | | | | | Sept. to Dec | | | 3 | | | 3 | | | 6 | | |  | | |  |  | | | 6 |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Mandated activities** | **Thematic Area** | | **Technology/Crop/Cropping system** | | **Source and Year of release** | | | | | | **Demon (No.)** | | | | **Area (in Ha)** | | | | **Location** | | | | **Period and Duration** | | | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | |
| **SC/ST** | | | | | | | | | **General** | | | | | | | **Grand Total** |
| **M** | | | **F** | | | **Total** | | | **M** | | | **F** | **Total** | | |
| **Front Line Demonstration** | Integrated Weed  Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Nutrient Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Water Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Tillage Management/ Farm Machinery | | Popularization of Toria var. TS 67 | | RARS, shillongoni, AAU, 2007 | | | | | | 4 | | | | 2 | | | | Luyong, Moalenden, Khanimu | | | | Oct to Feb. | | | | | 4 | | | 4 | | | 8 | | |  | | |  |  | | | 8 |
| Integrated Farming System/ Integrated Crop Management | | Demonstration on Pea (Arka Pramodh) | | IIHR Bangalore, 2010 | | | | | | 4 | | | | 2 | | | | Longkhum, Ungma | | | | Oct to Feb. | | | | | 4 | | | 4 | | | 8 | | |  | | |  |  | | | 8 |
| Others (Pl. specify) | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Seed Production | | Demonstration on soybean var. VL- 65 | | VPKAS, UK  2008 | | | | | | 3 | | | | 2 | | | | Longsa  Longkhum | | | | July – Oct | | | | | 3 | | | 3 | | | 6 | | |  | | |  |  | | | 6 |
| Popularisation of technologies (CAU R-1 | | Popularization of paddy var. CAU-R1 | | ICAR, Imphal Center,2010 | | | | | | 6 | | | | 5 | | | | Luyong, Longjang, | | | | June - Nov. | | | | | 6 | | | 6 | | | 12 | | |  | | |  |  | | | 12 |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Mandated activities** | | **Target group** | **Title of the training**  **Programme and No. of Courses in bracket** | | | **No. of training progs** | | | **Period of the year** | | | | **Duration (in days)** | | | | | **On/Off campus** | | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | | | | | **Remarks** | | |
| **SC/ST** | | | | | | | | **General** | | | | | | | | | **Grand Total** | | |
| **M** | | **F** | | **Total** | | | | **M** | | | **F** | | | **Total** | | |
| **On and Off campus training programmes** | | Farmer and Farm women | Cultivation of Pulses (2)  Line sowing paddy cultivation (1)  Cultivation of Soybean(2)  Cultivation of oilseeds and pulses  Post harvest technology (1) | | | 1  1  1  1  1 | | | April  May  June  Oct  August | | | | 1  1  1  1  1 | | | | | Off  Off  Off  Off  Off | | | | 10  15  10  10  12 | | 15  10  15  15  13 | | 25  25  25  25  25 | | | | -  -  -  -  - | | | -  -  -  -  - | | | -  -  -  -  - | | | 25  25  25  25  23 | | |  | | |
| Rural Youth | Vermi Composting (1) | | | 2 | | | April | | | | 3 | | | | | Off | | | | 10 | | 15 | | 25 | | | | - | | | - | | | - | | | 25 | | |
| Extension Personnel | Production of vermi-compost (2) | | | 2 | | | June/Dec | | | | 2 | | | | | On | | | | 11 | | 19 | | 30 | | | | - | | | - | | | - | | | 30 | | |
| Civil Society |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| NGO (including school drop outs) |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Others |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
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| **Vocational training programmes** | | Farmer and Farm women |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |  | | |
| Rural Youth |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Extension  Personnel |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Civil Society |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| NGO(including school drop outs) |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Others |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
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| **Sponsored training programmes** | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **Sponsoring agency** | |
| Farmer and Farm women | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Rural Youth | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Extension Personnel | | Post harvest technology (1) | | 1 | | Nov. | | | | 1 | | | | | On | | | | 13 | | | 17 | | | 30 | |  | | |  | | |  | | | 30 | | | | | ATMA | |
| Civil Society | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| NGO(including school drop-outs) | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Others (Pl. specify) | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |

Discipline: Horticulture

Name of the concerned Subject Matter Specialist :RenbomoNgullie

Mobile No: 9436605485

E-mailaddress: ngullier8@gmail.com

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| **Mandated activities** | **Thematic Area** | | **Details of Technology** | | | | **Source and Year of release** | | | **Assess/Refine** | | | | **Area (in Ha)** | | **No of trial** | | | | **Location** | | | | | **Period and Duration** | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | |
| **SC/ST** | | | | | | | | | **General** | | | | | | | **Grand Total** |
| **M** | | | **F** | | | **Total** | | | **M** | | | **F** | **Total** | | |
| **On farm testing** | Varietal evaluation | | **Performance evaluation of chilli var. Arka Khyati**.  T1: Arka Khyati, T2: Pusa Jwala, T3**:** Farmersvariety  Seed rate: 1kg/Ha  Seed treatment : 3g Mancozeb or Captan per Kg seed.  Sowing : April  Transplanting : 4-5 leaves stage  Spacing: 45X45 cm  Urea: SSP: MOP= 60:40:50 Kg/ha | | | | IIHR 2017 | | | Assess | | | | 0.75 | | 3 | | | | Longsa, Changtongya, Satsu | | | | | March-August | | | 1 | | | 2 | | | 3 | | | - | | | - | - | | | 3 |
| **Performance evaluation of tomato var. Arka Rakshak.**  T-1: Arka Rakshak, T-2: Rocky  T-3:Farmer’s variety  Seed treatment : Thiram or Captan @ 2.5g/kg of seed before sowing  400 – 500g seed is sufficient to raise seedlings for one hectare.  Sowing : September  Spacing : 60cm X 45cm  Fertilization: 80 – 100kg N, 80kg P and 60kg K. | | | | IIHR 2016 | | | Assess | | | | 0.75 | | 3 | | | | Akhoya, Longkhum | | | | | March-July | | | 1 | | | 2 | | | 3 | | |  | | |  |  | | | 3 |
| Seed Production | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Weed Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Nutrient Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Water Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Tillage Management/ Farm Machinery | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Farming System/ Integrated Crop Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Others (Pl. specify) | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
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| **Mandated activities** | **Thematic Area** | | **Technology/Crop/Cropping system** | | **Source and Year of release** | | | | | | **Demon (No.)** | | | | **Area (in Ha)** | | | | **Location** | | | | **Period and Duration** | | | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | |
| **SC/ST** | | | | | | | | | **General** | | | | | | | **Grand Total** |
| **M** | | | **F** | | | **Total** | | | **M** | | | **F** | **Total** | | |
| **Front Line Demonstration** | Integrated Weed  Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Nutrient Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Water Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Tillage Management/ Farm Machinery | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Farming System/ Integrated Crop Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Others (Pl. specify) | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
|  |  | | Rejuvenation of orange orchard | | ICAR Barapani 2015 | | | | | | 4 | | | | 2 | | | | Salulamang, Yajang,  Mangmetong | | | | Feb-Nov | | | | | 2 | | | 2 | | | 3 | | |  | | |  |  | | | 3 |
|  |  | | FLD on chilli variety Arka Meghana | | IIHR 2014 | | | | | | 4 | | | | 3 | | | | Mongsenyimti, Ungma, Longpa | | | | March-August | | | | | 3 | | | 3 | | | 6 | | | - | | | - | - | | | 6 |
|  |  | | Scientific cultivation of Broccoli | | ICAR 2016 | | | | | | 6 | | | | 3 | | | | Luyong, Satsu, Changtongya | | | | Sep-Dec | | | | | 3 | | | 3 | | | 6 | | | - | | | - | - | | | 6 |
|  |  | | FLD on Tomato variety Arka Samrat | | IIHR 2016 | | | | | | 4 | | | | 3 | | | | Longkhum, Longjang, Chungtia | | | | March-July | | | | | 3 | | | 3 | | | 6 | | |  | | |  |  | | | 6 |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Mandated activities** | | **Target group** | **Title of the training**  **Programme and No. of Courses in bracket** | | | **No. of training progs** | | | **Period of the year** | | | | **Duration (in days)** | | | | | **On/Off campus** | | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | | | | | **Remarks** | | |
| **SC/ST** | | | | | | | | **General** | | | | | | | | | **Grand Total** | | |
| **M** | | **F** | | **Total** | | | | **M** | | | **F** | | | **Total** | | |
| **On and Off campus training programmes** | | Farmer and Farm women | Improved cultivation practices of Chilli | | | 1 | | | February | | | | 1 | | | | | Off | | | | 12 | | 13 | | 25 | | | |  | | |  | | |  | | | 25 | | |  | | |
| Package of practices tomato. | | | 1 | | | March | | | | 1 | | | | | Off | | | | 11 | | 14 | | 25 | | | | - | | | - | | | - | | | 25 | | |
| Scientific Production technology of banana | | | 1 | | | April | | | | 1 | | | | | On | | | | 10 | | 15 | | 25 | | | | - | | | - | | | - | | | 25 | | |
| Mulching in chilli and tomato | | | 1 | | | May | | | | 1 | | | | | Off | | | | 12 | | 13 | | 25 | | | | - | | | - | | | - | | | 25 | | |
| Management of orange orchards | | | 1 | | | June | | | | 1 | | | | | Off | | | | 11 | | 14 | | 25 | | | | - | | | - | | | - | | | 25 | | |
| Vegetable Nursery raising and management | | | 2 | | | Aug/Sep | | | | 2 | | | | | Off | | | | 20 | | 30 | | 50 | | | | - | | | - | | | - | | | 50 | | |
| Improved Production technologies of potato | | | 1 | | | Oct | | | | 1 | | | | | Off | | | | 10 | | 15 | | 25 | | | | - | | | - | | | - | | | 25 | | |
| Processing and value addition of fruits | | | 1 | | | December | | | | 1 | | | | | On | | | | 10 | | 15 | | 25 | | | | - | | | - | | | - | | | 25 | | |
| Rural Youth | Nutritional gardening | | | 1 | | | April | | | | 1 | | | | | On | | | | 10 | | 10 | | 20 | | | | - | | | - | | | - | | | 20 | | |
| Scientific production of vegetable seedling | | | 1 | | | Sep. | | | | 2 | | | | | Off | | | | 9 | | 11 | | 20 | | | | - | | | - | | | - | | | 20 | | |
| Value addition of fruits | | | 1 | | | Nov | | | | 3 | | | | | On | | | | 8 | | 12 | | 20 | | | | - | | | - | | | - | | | 20 | | |
| Extension Personnel | Rejuvenation of old citrus orchard | | | 1 | | | March | | | | 1 | | | | | On | | | | 10 | | 10 | | 20 | | | | - | | | - | | | - | | | 20 | | |
| Mulching of vegetable crops | | | 1 | | | Sep | | | | 1 | | | | | On | | | | 10 | | 10 | | 20 | | | | - | | | - | | | - | | | 20 | | |
| Civil Society |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| NGO (including school drop outs) |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Others |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
|  | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Vocational training programmes** | | Farmer and Farm women |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |  | | |
| Rural Youth | Processing and value addition of fruits | | | 1 | | | November | | | | 7 | | | | | On | | | | 6 | | 9 | | 15 | | | |  | | |  | | |  | | | 15 | | |
| Extension  Personnel |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Civil Society |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| NGO(including school drop outs) |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Others |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Sponsored training programmes** | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **Sponsoring agency** | |
| Farmer and Farm women | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Rural Youth | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Extension Personnel | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Civil Society | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| NGO(including school drop-outs) | | Scientific cultivation practices of vegetables | | 1 | | October | | | | 2 | | | | | Off | | | | 12 | | | 15 | | | 27 | |  | | |  | | |  | | | 27 | | | | | DHO | |
| Others (Pl. specify) | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |

Discipline: Animal Science

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Mandated activities** | **Thematic Area** | | **Details of Technology** | | | | **Source and Year of release** | | | **Assess/Refine** | | | | **Area (in Ha)** | | **No of trial** | | | | **Location** | | | | | **Period and Duration** | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | |
| **SC/ST** | | | | | | | | | **General** | | | | | | | **Grand Total** |
| **M** | | | **F** | | | **Total** | | | **M** | | | **F** | **Total** | | |
| **On farm testing** | Breed introduction | | **Performance evaluation of White Perkin duck.**  White Perkin ducklings (2 weeks old) will be provided to participating farmers and production/ reproduction parameters will be recorded | | | |  | | | A | | | | 5 units | | 5 | | | | Yimchalu | | | | | July onwards1 year | | | 5 | | | - | | | 5 | | |  | | |  |  | | | 5 |
| Breed improvement | | **Assessment of Milk production of beetle cross with Assam local goat.**  Beetle cross with Assam local goats will be provided to selected farmers and milk production will be compared with the local goats | | | |  | | | A | | | | 5 units | | 5 | | | | Ungma | | | | | April onwards1 year | | | 5 | | | - | | | 5 | | |  | | |  |  | | | 5 |
| Feeding management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Healthcare | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Housing | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Processing/ Value addition | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Fodder production and quality enhancement | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Pasture management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
|  | Breed introduction | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
|  | Others (Pl. specify) | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Mandated activities** | **Thematic Area** | | **Technology/Crop/Cropping system** | | **Source and Year of release** | | | | | | **Demon (No.)** | | | | **Area (in Ha)** | | | | **Location** | | | | **Period and Duration** | | | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | |
| **SC/ST** | | | | | | | | | **General** | | | | | | | **Grand Total** |
| **M** | | | **F** | | | **Total** | | | **M** | | | **F** | **Total** | | |
| **Front Line Demonstration** | Breed introduction | | Demonstration on Vanaraja birds | | PD on Poultry-  2000 | | | | | | 12 | | | | 12 units | | | | Yisemyong | | | | July onwards  1 year | | | | | - | | | 12 | | | 12 | | |  | | |  |  | | | 12 |
| Breed improvement | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Feeding management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Healthcare | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Housing | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Processing/ Value addition | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Fodder production and quality enhancement | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Pasture management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Others (Pl. specify) | | Demonstration on Broiler breed VENCOB430Y | | Venkateshwara Hatcheries, 2015 | | | | | | 15 | | | | 15 units | | | | Yisemyong | | | | May onwards 6 months | | | | | - | | | 15 | | | 15 | | |  | | |  |  | | | 15 |
|  |  | | Low cost portable dummy sow with matting grunt voice system | | Division of livestock production, ICAR RC for NEH Region, Umiam  2014 | | | | | | 3 | | | | 3 units | | | | Aliba, Alichen, Mangmetong | | | | August onwards 1 year | | | | | 3 | | | - | | | 3 | | |  | | |  |  | | | 3 |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Mandated activities** | | **Target group** | **Title of the training**  **Programme and No. of Courses in bracket** | | | **No. of training progs** | | | **Period of the year** | | | | **Duration (in days)** | | | | | **On/Off campus** | | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | | | | | **Remarks** | | |
| **SC/ST** | | | | | | | | **General** | | | | | | | | | **Grand Total** | | |
| **M** | | **F** | | **Total** | | | | **M** | | | **F** | | | **Total** | | |
| **On and Off campus training programmes** | | Farmer and Farm women | Biosecurity measures for livestock health (1) | | | 1 | | | June | | | | 2 | | | | | Off | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |  | | |
| Feeding and nutrition for pigs (1) | | | 1 | | | Aug | | | | 2 | | | | | On | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Cold stress management for livestock (1) | | | 1 | | | Nov | | | | 1 | | | | | Off | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Technology options for improvement of backyard poultry (1) | | | 1 | | | Jan | | | | 1 | | | | | Off | | | | 5 | | 15 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Integration of livestock with other agri and allied enterprise (1) | | | 1 | | | Mar | | | | 2 | | | | | Off | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Rural Youth | Poultry Management (1) | | | 1 | | | May | | | | 7 | | | | | On | | | |  | | 15 | | 15 | | | |  | | |  | | |  | | | 15 | | |
| Livestock enterprises – Options for livelihood sustenance (1) | | | 1 | | | Sep | | | | 2 | | | | | Off | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Value addition of meat products (1) | | | 1 | | | Feb | | | | 3 | | | | | On | | | | 7 | | 8 | | 15 | | | |  | | |  | | |  | | | 15 | | |
| Extension Personnel | Precision Livestock Farming (1) | | | 1 | | | July | | | | 2 | | | | | Off | | | | 8 | | 7 | | 15 | | | |  | | |  | | |  | | | 15 | | |
| Advances in Livestock Diseases. (1) | | | 1 | | | Dec | | | | 1 | | | | | On | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Civil Society |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| NGO (including school drop outs) |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Others |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
|  | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Vocational training programmes** | | Farmer and Farm women |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |  | | |
| Rural Youth |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Extension  Personnel |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Civil Society |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| NGO(including school drop outs) |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Others |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Sponsored training programmes** | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **Sponsoring agency** | |
| Farmer and Farm women | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Rural Youth | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Extension Personnel | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Civil Society | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| NGO(including school drop-outs) | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Others (Pl. specify) | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |

Discipline: Plant Protection (Entomology/ Plant Pathology/ Nematology)

Name of the concerned Subject Matter Specialist:Dr.RuopfȕselhouKehie

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| **Mandated activities** | **Thematic Area** | | **Details of Technology** | | | | **Source and Year of release** | | | **Assess/Refine** | | | | **Area (in Ha)** | | **No of trial** | | | | **Location** | | | | | **Period and Duration** | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | |
| **SC/ST** | | | | | | | | | **General** | | | | | | | **Grand Total** |
| **M** | | | **F** | | | **Total** | | | **M** | | | **F** | **Total** | | |
| **On farm testing** | Integrated Pest Mgmt | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Product evaluation (Efficacy) | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Beneficial insects | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Other beneficial organisms | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Store grain pest | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Others (Pl. specify)  Biological control (Insect/pest/ weeds etc) | | **1.Management of Fruit fly in Cucumber.**  T1: Pheromone traps @ 25 trap/ha + Gur based poison bait trap: (50 ml malathion + 200 g gur + 2 litre water).  T2: Farmer's practices: without any application) | | | | CCSHAU, 2016 | | | A | | | | .5 | | 3 | | | | Aliba & Kinunger | | | | | Jan - April ‘21 | | | 3 | | | 3 | | | 6 | | |  | | |  |  | | | 6 |
|  |  | | **2.Organic management of Late blight in Tomato**  **i**. Spraying of Copper Oxychloride (COC) @ 0.25% (25 g /10 L of water  ii. Application of COC at the onset of diseases and at 7-10 days interval). | | | | ICAR – NOFRI, Tadong, Sikkim. 2015 | | | A | | | | .75 | | 3 | | | | Longkhum | | | | | Feb. – June ‘21 | | | 3 | | | 3 | | | 6 | | |  | | |  |  | | | 6 |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Mandated activities** | **Thematic Area** | | **Technology/Crop/Cropping system** | | **Source and Year of release** | | | | | | **Demon (No.)** | | | | **Area (in Ha)** | | | | **Location** | | | | **Period and Duration** | | | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | |
| **SC/ST** | | | | | | | | | **General** | | | | | | | **Grand Total** |
| **M** | | | **F** | | | **Total** | | | **M** | | | **F** | **Total** | | |
| **Front Line Demonstration** | Integrated Pest Mgmt | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Disease Mgmt | | Integrated Diseases Management of powdery mildew in Pea | | ICAR – NOFRI, Tadong, Sikkim. 2013 | | | | | | 8 | | | | 1.5 | | | | Mangmetong, Khensa, Alichen & Longjang | | | | Aug –Dec. ‘21 | | | | | 4 | | | 4 | | | 8 | | |  | | |  |  | | | 8 |
| Biological control (Insect/pest/ weeds etc) | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Product evaluation (Efficacy) | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Beneficial insects | | Popularization of Scientific Beekeeping | | ACRIP on Honey bee and Polinator,  2017 | | | | | | 4 | | | | 4 unit | | | | Kupza, Aliba,Yimchalu & Yisemyong | | | | Jan – Dec ‘20 | | | | | 18 | | | - | | | 18 | | |  | | |  |  | | | 18 |
| Other beneficial organisms | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Store grain pest | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Others (Pl. specify) |
| **Mandated activities** | | **Target group** | **Title of the training**  **Programme and No. of Courses in bracket** | | | **No. of training progs** | | | **Period of the year** | | | | **Duration (in days)** | | | | | **On/Off campus** | | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | | | | | **Remarks** | | |
| **SC/ST** | | | | | | | | **General** | | | | | | | | | **Grand Total** | | |
| **M** | | **F** | | **Total** | | | | **M** | | | **F** | | | **Total** | | |
| **On and Off campus training programmes** | | Farmer and Farm women | 1.Pests & Diseses of Citrus and their managrement (1)  2. Management of Insect Pests in Cucurbits (1)  3.Integrated Disease Management in Tomato  4. Integrated pest management of FAW in maize (1)  5. IDM in Pulses with special references to Pea | | | 1  1  1  1  1 | | | Jan. ‘21  Feb. ‘21  March ‘21  May ‘21  Aug. ‘21 | | | | 2  3  2  3  3 | | | | | Off  Off  Off  Off  Off | | | | 20  15  15  10  15 | | 20  15  15  15  15 | | 40  30  30  25  30 | | | | -  -  -  -  -- | | | -  -  -  -  - | | | -  -  -  -  - | | | 40  30  30  30  30 | | |  | | |
| Rural Youth | Seasonal management of Honey bee | | | 1 | | | April. ‘21 | | | | 3 | | | | | Off | | | | 30 | | - | | 30 | | | | - | | | - | | | - | | | 30 | | |
| Scientific mushroom cultivation (1) | | | 1 | | | Nov | | | | 1 | | | | | Off | | | | 7 | | 13 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Extension Personnel | Management of Fruit Fly | | | 1 | | | Sept ‘21 | | | | 1 | | | | | On | | | | 10 | | 10 | | 20 | | | | - | | | - | | | - | | | 20 | | |
| Civil Society |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| NGO (including school drop outs) |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Others |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
|  | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Vocational training programmes** | | Farmer and Farm women |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |  | | |
| Rural Youth |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Extension  Personnel |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Civil Society |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| NGO(including school drop outs) |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Others |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Sponsored training programmes** | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **Sponsoring agency** | |
| Farmer and Farm women | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Rural Youth | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Extension Personnel | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Civil Society | | Cultivation and Management of Oyster Mushroom (1) | | 1 | | Jan. ‘21 | | | | 2 | | | | | Off | | | | 10 | | | 10 | | | 20 | | - | | | - | | | - | | | 20 | | | | | NICRA | |
| NGO(including school drop-outs) | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Others (Pl. specify) | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |

Discipline: Soil Science

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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Mandated activities** | **Thematic Area** | | **Details of Technology** | | | | **Source and Year of release** | | | **Assess/Refine** | | | | **Area (in Ha)** | | **No of trial** | | | | **Location** | | | | | **Period and Duration** | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | |
| **SC/ST** | | | | | | | | | **General** | | | | | | | **Grand Total** |
| **M** | | | **F** | | | **Total** | | | **M** | | | **F** | **Total** | | |
| **On farm testing** | Varietal evaluation | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Seed Production | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Weed Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Nutrient Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Water Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Tillage Management/ Farm Machinery | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Farming System/ Integrated Crop Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Others (Pl. specify) | | **Bio-terracing technique for slow conversion of hill slopes into terraced land.**  Planting *cajanus cajan* hedgerows in double rows and planting vegetables in between the hedgerows | | | | ICAR –NER Umiam, Meghalaya  2017 | | | A | | | | 0.5 | | 3 | | | | Changtongya, Ongpangkong & Kobulong | | | | | June/July-Dec | | | 1 | | | 2 | | | 3 | | |  | | |  |  | | | 3 |
|  |  | | **Management of acidic soils using biochar.**  Biochar to be prepared from locally available weed biomass in 2x2x3 cubic feet pit and apply the same @ 5-10 tonnes per hectare | | | | ICAR Complex, Sikkim Centre  2016 | | | A | | | | 0.5 | | 3 | | | | Changtongya, Ongpangkong & Kobulong | | | | | July/Aug-Dec | | | 1 | | | 2 | | | 3 | | |  | | |  |  | | | 3 |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Mandated activities** | **Thematic Area** | | **Technology/Crop/Cropping system** | | **Source and Year of release** | | | | | | **Demon (No.)** | | | | **Area (in Ha)** | | | | **Location** | | | | **Period and Duration** | | | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | |
| **SC/ST** | | | | | | | | | **General** | | | | | | | **Grand Total** |
| **M** | | | **F** | | | **Total** | | | **M** | | | **F** | **Total** | | |
| **Front Line Demonstration** | Integrated Weed  Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Nutrient Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Water Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Tillage Management/ Farm Machinery | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Farming System/ Integrated Crop Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Others (Pl. specify) | | Popularization of biofertilizers to increase yield of soybean | | Biofertilizer Laboratory, Medziphema, 2008 | | | | | | 2 | | | | 1 | | | | Ongpangkong & Kobulong | | | | June/July-Nov | | | | | 5 | | | 5 | | | 10 | | |  | | |  |  | | | 10 |
|  |  | | Popularization of Green manuring in TRC | | ICAR -Tadong, Gangtok, 2008 | | | | | | 2 | | | | 2 | | | | Kobulong, Ongpangkong & Tzurangkong | | | | April-Nov | | | | | 9 | | | 3 | | | 12 | | |  | | |  |  | | | 12 |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Mandated activities** | | **Target group** | **Title of the training**  **Programme and No. of Courses in bracket** | | | **No. of training progs** | | | **Period of the year** | | | | **Duration (in days)** | | | | | **On/Off campus** | | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | | | | | **Remarks** | | |
| **SC/ST** | | | | | | | | **General** | | | | | | | | | **Grand Total** | | |
| **M** | | **F** | | **Total** | | | | **M** | | | **F** | | | **Total** | | |
| **On and Off campus training programmes** | | Farmer and Farm women | Advances in Soil fertility management in terrace rice cultivation | | | 1 | | | June’21, | | | | 1 | | | | | Off | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |  | | |
| Awareness of Soil& water conservation in Hill Agriculture | | | 1 | | | Oct’21, | | | | 1 | | | | | Off | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Importance of Integrated nutrient management in agriculture | | | 1 | | | Feb’21, | | | | 1 | | | | | Off | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Importance of crop rotation and best management practices for soil conservation | | | 1 | | | July’21, | | | | 1 | | | | | Off | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Preparation of Organic manures and fertilizers | | | 1 | | | Aug’21, | | | | 1 | | | | | Off | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Soil & water conservation technology for hill Agriculture | | | 1 | | | Nov-Dec’21, | | | | 1 | | | | | Off | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Rural Youth | Preparation of Organic manures and fertilizers | | | 1 | | | June | | | | 1 | | | | | On | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Extension Personnel | Advances in Soil fertility management in terrace rice cultivation | | | 1 | | | May | | | | 1 | | | | | On | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Civil Society |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| NGO (including school drop outs) |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Others |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
|  | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Vocational training programmes** | | Farmer and Farm women |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |  | | |
| Rural Youth |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Extension  Personnel |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Civil Society |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| NGO(including school drop outs) |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Others |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Sponsored training programmes** | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **Sponsoring agency** | |
| Farmer and Farm women | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Rural Youth | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Extension Personnel | | Integrated nutrient management | | 1 | | Aug. | | | | 1 | | | | | On | | | | 11 | | | 14 | | | 25 | |  | | |  | | |  | | | 25 | | | | | ATMA | |
| Civil Society | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| NGO(including school drop-outs) | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Others (Pl. specify) | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |

Discipline: Agronomy

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Mandated activities** | **Thematic Area** | | **Details of Technology** | | | | **Source and Year of release** | | | **Assess/Refine** | | | | **Area (in Ha)** | | **No of trial** | | | | **Location** | | | | | **Period and Duration** | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | |
| **SC/ST** | | | | | | | | | **General** | | | | | | | **Grand Total** |
| **M** | | | **F** | | | **Total** | | | **M** | | | **F** | **Total** | | |
| **On farm testing** | Varietal evaluation | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Seed Production | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Weed Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Nutrient Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Water Management | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Tillage Management/ Farm Machinery | | **Evaluation of Pea Under Zero Tillage.**  1. Pea will be sown after paddy in October  2. Pea will be sown @ 25x10cm spacing  3. 20cm standing stumble in lowland | | | | ICAR,Umaim, 2011 | | | A | | | | .5 | | 3 | | | | Changtongya block | | | | | Rabi,120days | | | 1 | | | 2 | | | 3 | | |  | | |  |  | | | 3 |
| Integrated Farming System/ Integrated Crop Management | | **Analysis of Maize – Beans inter-cropping system under organic system.**  1. Maize and beans will be sown during kharif season  2. Spacing : 50×20cm (Maize), 40×10cm (Beans) | | | | ICAR-Tadong,2015 | | | A | | | | .5 | | xx | | | | Longsa and Changtongya | | | | | Kharif 150days | | | - | | | 3 | | | 3 | | |  | | |  |  | | | 3 |
| Others (Pl. specify) | |  | | | |  | | |  | | | |  | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  | | |  |  | | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Mandated activities** | **Thematic Area** | | **Technology/Crop/Cropping system** | | **Source and Year of release** | | | | | | **Demon (No.)** | | | | **Area (in Ha)** | | | | **Location** | | | | **Period and Duration** | | | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | |
| **SC/ST** | | | | | | | | | **General** | | | | | | | **Grand Total** |
| **M** | | | **F** | | | **Total** | | | **M** | | | **F** | **Total** | | |
| **Front Line Demonstration** | Integrated Weed  Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Nutrient Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Water Management | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Tillage Management/ Farm Machinery | |  | |  | | | | | |  | | | |  | | | |  | | | |  | | | | |  | | |  | | |  | | |  | | |  |  | | |  |
| Integrated Farming System/ Integrated Crop Management | | Modified system of Rice intensification for higher productivity (SRI) | | ICAR,Umiam, 2010 | | | | | | 5 | | | | 2 | | | | Tuli | | | | Kharif,150 days | | | | | 2 | | | 3 | | | 5 | | |  | | |  |  | | | 5 |
| Others (Pl. specify) | | Popularization of Pea(var. Aman) | | IIPR,2016 | | | | | | 2 | | | | 2 | | | | Tuli and Changtongya | | | | Rabi,120 days | | | | | 4 | | | 4 | | | 8 | | |  | | |  |  | | | 8 |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Mandated activities** | | **Target group** | **Title of the training**  **Programme and No. of Courses in bracket** | | | **No. of training progs** | | | **Period of the year** | | | | **Duration (in days)** | | | | | **On/Off campus** | | | | **Number of beneficiaries** | | | | | | | | | | | | | | | | | | | | **Remarks** | | |
| **SC/ST** | | | | | | | | **General** | | | | | | | | | **Grand Total** | | |
| **M** | | **F** | | **Total** | | | | **M** | | | **F** | | | **Total** | | |
| **On and Off campus training programmes** | | Farmer and Farm women | 1.Training on kharif season crop  2.Training on rabi season crop  3.Training on oilseed production.  4.Training on pulses production. | | | 1  1  1  1 | | | March  Aug.  Oct.  April | | | | 1  1  1  1 | | | | | On  On  Off  Off | | | | 10  10  8  10 | | 15  10  15  15 | | 25  20  23  25 | | | |  | | |  | | |  | | | 25  20  23  25 | | |  | | |
| Rural Youth | Training on Integrated crop management | | | 1 | | | March | | | | 1 | | | | | On | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Extension Personnel | Training on Advances of integrated farming system | | | 1 | | | April | | | | 1 | | | | | On | | | | 10 | | 10 | | 20 | | | |  | | |  | | |  | | | 20 | | |
| Oilseed and pulses production | | | 1 | | | Sep | | | | 1 | | | | | On | | | | 10 | | 15 | | 25 | | | |  | | |  | | |  | | | 25 | | |
| Civil Society |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| NGO (including school drop outs) |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Others |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
|  | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Vocational training programmes** | | Farmer and Farm women |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |  | | |
| Rural Youth |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Extension  Personnel |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Civil Society |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| NGO(including school drop outs) |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
| Others |  | | |  | | |  | | | |  | | | | |  | | | |  | |  | |  | | | |  | | |  | | |  | | |  | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Sponsored training programmes** | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **Sponsoring agency** | |
| Farmer and Farm women | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Rural Youth | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Extension Personnel | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Civil Society | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| NGO(including school drop-outs) | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |
| Others (Pl. specify) | |  | |  | |  | | | |  | | | | |  | | | |  | | |  | | |  | |  | | |  | | |  | | |  | | | | |  | |

**EXTENSION ACTIVITIES PROPOSED FOR THE YEAR 2021-22**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Specific activity** | **No. of activities** | **Period of the year** | **Duration (in days)** | **Number of beneficiaries (No.)** | | | | | | | |
| **SC/ST** | | | **General** | | | **Grand Total** | |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** |
| Diagnostic visit | 30 | Jan-Dec | 30 | 98 | 112 | 210 |  |  |  | 98 | 112 |
| Advisory services/ telephone talk | 40 | Jan-Dec | 30 | 200 | 280 | 480 |  |  |  | 200 | 280 |
| Training Manual | 3 | Jan-Dec |  |  |  |  |  |  |  |  |  |
| Celebration of Important days | 6 | Jan-Dec | 6 | 80 | 100 | 180 |  |  |  | 80 | 100 |
| Exhibition | 2 | Jan-Dec | 2 |  |  |  |  |  |  |  |  |
| Exposure visit |  |  |  |  |  |  |  |  |  |  |  |
| Extension literature (Leaflet/ folders/ Pamphlets) | 6 | Jan-Dec |  |  |  |  |  |  |  |  |  |
| Extension / technical bulletin | 2 | Jan-Dec |  |  |  |  |  |  |  |  |  |
| News letter | 2 | Jan-Dec |  |  |  |  |  |  |  |  |  |
| News paper coverage | 6 | Jan-Dec |  |  |  |  |  |  |  |  |  |
| Research publications | 3 | Jan-Dec |  |  |  |  |  |  |  |  |  |
| Success stories/ Case studies | 2 | Jan-Dec |  |  |  |  |  |  |  |  |  |
| Farm Science Clubs’ Convenors meet |  |  |  |  |  |  |  |  |  |  |  |
| Farmers’ Seminar | 2 | Jan-Dec | 2 | 30 | 35 | 65 |  |  |  | 30 | 35 |
| Farmers’ visit to KVKs | 3 | Jan-Dec | 3 | 25 | 35 | 60 |  |  |  | 25 | 35 |
| Ex-trainees’ meet |  |  |  |  |  |  |  |  |  |  |  |
| Field day | 12 | Jan-Dec | 12 | 90 | 120 | 210 |  |  |  | 90 | 120 |
| Film show | 2 | Jan-Dec | 2 | 45 | 45 | 90 |  |  |  | 45 | 45 |
| Radio Talk | 10 | Jan-Dec |  |  |  |  |  |  |  |  |  |
| TV talk |  |  |  |  |  |  |  |  |  |  |  |
| KishanGoshthi |  |  |  |  |  |  |  |  |  |  |  |
| Group Meeting | 9 | Jan-Dec | 9 | 60 | 60 | 120 |  |  |  | 60 | 60 |
| KishanMela |  |  |  |  |  |  |  |  |  |  |  |
| Soil Health Camps | 3 | Jan-Dec | 3 | 25 | 35 | 60 |  |  |  | 25 | 35 |
| Animal Health Camps | 4 | Jan-Dec | 4 | 50 | 65 | 115 |  |  |  | 50 | 65 |
| Awareness camp  Mobile Agro-Advisory (Messages/ Beneficiaries) | 25 | Jan-Dec | 25 | 1685 | 1955 | 3640 |  |  |  | 1685 | 1955 |
| Method demonstration | 7 | Jan-Dec | 7 | 50 | 55 | 105 |  |  |  | 50 | 55 |
| Scientists’ visit to farmers’ field | 35 | Jan-Dec | 35 | 80 | 90 | 170 |  |  |  | 80 | 90 |
| Workshop/ Seminar |  |  |  |  |  |  |  |  |  |  |  |
| Soil Testing | 200 | Jan-Dec |  |  |  |  |  |  |  |  |  |
| Water Testing |  |  |  |  |  |  |  |  |  |  |  |
| Plant Testing |  |  |  |  |  |  |  |  |  |  |  |
| Manure Testing |  |  |  |  |  |  |  |  |  |  |  |
| Any other (Pl. Specify) |  |  |  |  |  |  |  |  |  |  |  |

**ACTIVITY CALENDAR OF THE KVK (MONTH-WISE TARGET TO BE COMPLETED) FOR THE YEAR 2021-22**

**KVK: Mokokchung**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Activity/ Month | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | Total |
| **OFT (No.s.)** | | | | | | | | | | | | | |
| Number of Technologies | 1 | 2 | 4 | 4 | - | - | 1 | - | 1 | 1 | - | - | 14 |
| Number of Trials | 6 | 12 | 12 | 17 | - | - | 5 | - | 6 | 3 | - | - | 61 |
| Area (ha)/ items (no.) | 0.5 | 1.5 | 1.8 | 2.25,  5 units | - | - | 5 units | - | 0.75 | 0.5 | - | - | 7.3 ha,  10 units |
| **FLD (Nos.)** | | | | | | | | | | | | | |
| Number | 1 |  | 2 | 1 | 2 | 2 | 3 | 2 | 2 | 3 |  |  | 18 |
| Area(ha)/ items (no.) | 4 units |  | 6 | 2 | 2,  15 units | 6 | 4,  12 units | 1.5,  3 units | 5.5 | 6 |  |  | 33 ha,  34 units |
| **Training programme** | | | | | | | | | | | | | |
| **Farmer** | | | | | | | | | | | | | |
| No. of course | 2 | 3 | 4 | 3 | 3 | 4 | 1 | 5 | 2 | 4 | 2 | 1 | 34 |
| No. of participants | 60 | 75 | 100 | 75 | 75 | 90 | 20 | 120 | 45 | 93 | 40 | 25 | 818 |
| **Rural Youth** | | | | | | | | | | | | | |
| No. of course |  | 1 | 1 | 3 | 1 | 1 |  |  | 2 |  | 2 |  | 11 |
| No. Of participants |  | 15 | 20 | 75 | 15 | 20 |  |  | 40 |  | 40 |  | 225 |
| **Ext. Personnel** | | | | | | | | | | | | | |
| No. of course |  |  | 2 |  | 1 | 1 | 1 |  | 3 |  |  | 2 | 10 |
| No. Of participants |  |  | 40 |  | 20 | 15 | 15 |  | 65 |  |  | 35 | 190 |
| **Sponsored programmes** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No. of course | 1 |  |  |  | 1 |  |  | 1 |  | 1 | 1 |  | 5 |
| No. Of participants | 20 |  |  |  | 15 |  |  | 25 |  | 27 | 30 |  | 117 |
| **Extension Activities/ programmes** | | | | | | | | | | | | | |
| No. of activities | 6 | 8 | 10 | 13 | 15 | 14 | 10 | 14 | 11 | 14 | 7 | 8 | 130 |
| No. of beneficiaries | 240 | 336 | 435 | 546 | 648 | 560 | 413 | 574 | 462 | 560 | 287 | 344 | 5405 |
| Seeds production (tonnes) |  |  |  |  |  |  |  | 0.51 |  |  |  | 1.0 | 1.51 |
| Planting materials (Nos. in Lakh) |  |  |  | 10000 |  |  |  |  |  | 10000 | 6000 |  | 26000 |
| Livestock strains (No. in lakh) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fingerlings (No. in lakh) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bio-agents/ products (tonnes) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bio-fertilizers/ Vermicompost etc. (in Tonnes) |  |  |  | 0.25 |  |  | 0.3 |  |  |  | 0.3 |  | 0.85 |
| Soil , Water, Plant, Manures Testing  (No. of samples to be tested) | 20 | 20 | 20 | 15 | 25 | 25 | 30 | 25 | 25 |  | 25 | 10 | 240 |
| Soil , Water, Plant, Manures Testing  (No. of farmers benefitted) | 20 | 20 | 20 | 15 | 25 | 25 | 30 | 25 | 25 |  | 25 | 10 | 240 |
| Soil , Water, Plant, Manures Testing  (No. of villages covered) | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 2 | 2 |  | 2 | 1 | 18 |
| Mobile Agro-Advisory (No. of Messages) | 10 | 11 | 21 | 15 | 20 | 25 | 20 | 21 | 15 | 20 | 15 | 12 | 205 |
| Mobile Agro-Advisory (No. of Farmers) | 250 | 275 | 525 | 375 | 500 | 625 | 500 | 525 | 375 | 500 | 375 | 300 | 5125 |

Senior Scientist & Head

KVK,Mokokchung