**Indian Council of Agricultural Research**

**Agricultural Technology Research Institute, Zone-III**

**Umiam, Meghalaya**

***Format for Annual Action Plan Formulation of KVKs, Zone-III for 2020***

**Name of the KVK/District: MOKOKCHUNG State: NAGALAND Host Organization: Dept. of Agriculture Govt. of Nagaland**

**Present Staff Position in KVK**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Name** | **Gender (M/F)** | **Category (General/OBC/SC/ST)** | **Designation** | **Discipline** |
| 1. | Dr.KeviletsuKhate | M | ST | Senior Scientist and Head | Vety& A.H |
| 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. | Bendangjungla.I | F | ST | Subject Matter Specialist  | PB &G |
| 6. | RuyosuNakro | M | ST | Subject Matter Specialist  | Agri. Extension |
| 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. | Meyatula | F | 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** |  |  |  |

Discipline:Agronomy

Name of the concerned Subject Matter Specialist: K. Samuel Sangtam.....Mobile No:9856580802

E-mailaddress: Samuel\_annar@yahoo.com

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Mandated activities** | **Thematic area** | **Name of Technology Assessed/ Refined (in Specific)** | **Source and Year of release** | **Assess/Refine** | **Area (in ha.)** | **Location** | **Period and Duration** | **Number of beneficiaries/ trials** |
| **SC/ST** | **General** | **Grand Total** |
| **M** | **F** | **Total** | **M** | **F** | **Total** |
| **On farm testing** | Varietal evaluation | Performance trial on soyabean under rainfedjhum conditionTech. :VL soya -63 characteristics : Suitable under rainfed condition. Moderate resistance against frog eye leaf spot, pod blight and leaf blightYield potential : 11.3 qt/ha (under rainfed) | VKPAS,Almora2010  | A | 0.5 | Longkhum, Yimchalu**,**  | June to October | 2 | 2 | 4 |  |  |  | 4 |
|  Integrated Crop Management | Sequential cropping of Mustard after jhum paddy.Tech.**:** NRCHB -101Characteristics**:** Early sown variety Duration:107 daysAv. Yield : 19.93 q/haProduction Conditions:Early Sown rainfed/irrigated | NRC-Rapeseed & Mustard, Bharatpur, 2009 | A | 0.5 | Longsa, Longkhum | Sept. to Jan. | 2 | 2 | 4 |  |  |  | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |
| **Mandated activities** | **Thematic Area** | **Name of Technology demonstrated** | **Source and Year of release** | **Crop/ cropping system** | **Area (in ha.)** | **Location** | **Period and Duration** | **Number of beneficiaries/demon.** |
| **SC/ST** | **General** | **Grand Total** |
| **M** | **F** | **Total** | **M** | **F** | **Total** |
| **Front Line Demonstration** | Varietal evaluation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seed Production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Weed Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient Management | Demonstration on Soybean Var. RVS-2001-04 | RVSKVV, Gwalior, 2010 | Rainfed | 1 | Mekhuli, Longsa | June to Nov | 2 | 4 | 6 |  |  |  | 6 |
| Integrated Water Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Crop Management | Toria sequential croppingTech. : TS-67 | RARS, shillongoni, AAU, 2007 | Rainfed | 2 | Luyong, Moalenden, Khanimu | Oct to Feb. | 4 | 4 | 8 |  |  |  | 8 |
| Integrated Farming System/ Integrated Crop Management | Demonstration on PeaTech. : Azad | - | Rainfed | 2 | Longkhum, Ungma | Oct ot Feb. | 4 | 4 | 8 |  |  |  | 8 |
| Others/ Popularisation of technologies (CAU R-1 and RCM -76) | 1. Demonstration on Paddy

Tech. : CAU-RI1. Demonstration on Maize
2. Tech. : RCM-76
 | 1. ICAR, Imphal Center,2010

2.ICAR, Barapanicenter, 2008 | RainfedRainfed | 93 | Luyong, Longjang, Longkhum, Yimchalu, Longsa | June - Nov.April - August | 93 | 63 | 156 |  |  |  | 156 |
|  |
| **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 pulsesPost harvest technology (1) | 21211 | April and AugustMayJuneOct.Dec | 21211 | On and Off OffOffOffOff | 2015201012 | 3010301513 | 5025502525 | ----- | ----- | ----- | 5025502523 |  |
| Rural Youth | Vermi Composting (1) | 2 | April  | 3 | Off | 20 | 30 | 50 | - | - | - | 50 |
| Extension Personnel | Production of vermin-compost (2) | 1 | June | 3 | On | 5 | 20 | 25 | - | - | - | 25 |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO (including school drop outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |
| **Vocational training programmes** | Farmer and Farm women |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Youth |  |  |  |  |  |  |  |  |  |  |  |  |
| Extension Personnel |  |  |  |  |  |  |  |  |  |  |  |  |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |
|  |
| **Sponsored training programmes** |  |  | **Sponsoring agency** |
| Farmer and Farm women | 1. Organic farming (2) | 1 | June | 2 | Off | 12 | 8 | 20 | - | - | - | 20 | DAO |
| Rural Youth | Vermicomposting | 1 | May | 1 | Off | 10 | 10 | 20 | - | - | - | 20 | DAO |
| Extension Personnel |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Mandated activities** | **Thematic Area** | **Name of Technology**  | **Source and Year of release** | **Assess/Refine** | **Area (in ha.)** | **Location** | **Period and Duration** | **Number of beneficiaries/ trials** |
| **SC/ST** | **General** | **Grand Total** |
| **M** | **F** | **Total** | **M** | **F** | **Total** |
| **On farm testing** | Varietal evaluation | Performance evaluation on ladysfinger var. Arka Nikita | IIHR 2017 | Assess  | 0.25 | Kubza, Mopungchuket, Longkhum | May | 1 | 2 | 3 | - | - | - | 3 |
| Performance trial on Brinjal var. ArkaKeshav | IIHR 2013 | Assess  | 0.25 | Ungma, Mangkolong | May | 1 | 1 | 2 |  |  |  | 2 |
| Integrated Nutrient Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Weed Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Orchard Rejuvenation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Post -Harvest Processing/ Value Addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canopy mgmt. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Landscaping |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mechanization |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Any other (Pl. Specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |
| **Mandated activities** | **Thematic Area** | **Name of technology** | **Source and Year of release** | **Crop/ cropping system** | **Area (in ha.)** | **Location** | **Period and Duration** | **Number of beneficiaries/ demon.** |
| **SC/ST** | **General** | **Grand Total** |
| **M** | **F** | **Total** | **M** | **F** | **Total** |
| **Front Line Demonstration** | Varietal evaluation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Weed Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Orchard Rejuvenation | Rejuvenation of orange orchard |  | Orange  | 1.5 | Yisemyong, Kupza,Changtongya | April | 1 | 2 | 3 |  |  |  | 3 |
| Post- Harvest Processing/ Value Addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canopy mgmt. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Landscaping |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mechanization |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Any other (Pl. Specify) | FLD on chilli variety ArkaMeghana |  | Chilli | 3.0 | Longsa, Mopungchuket, Kinunger | April | 3 | 3 | 6 | - | - | - | 6 |
|  |  | Scientific cultivation of Broccoli |  | Broccoli  | 3.0 | Merangkong, Kinunger, Kupza,  | September | 3 |  3 | 6 | - | - | - |  6 |
|  |  | FLD on Tomato variety ArkaSamrat |  | Tomato  | 3.0 | Longkong, Mangkolong, Longkhum | April | 3 | 3 | 6 |  |  |  | 6 |
|  |  | Demonstration on improved cabbage variety BC 76 |  | Cabbage  | 2.5 | Luyong, Merangkong,Aliba | September | 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 | 1.Improved cultivation practices of ladysfinger2.Package of practices Chilli.3.Improved crop management practices of tomato4.Production technology of off season vegetable crops5.Management of orange orchards6.Vegetable Nursery raising and management 7.Improved Production technologies of potato8.Processing and value addition of fruits | 11121211 | April AprilMay May/ Aug.JuneSepOctDecember  | 11121211 | 0ffOff Off On/ Off OffOff OffOn  | 1110122411201010 | 1415132614301515 | 2525255025502525 |  |  |  | 2525255025502525 |  |
| Rural Youth | 1.Post Harvest management of vegetables2.Scientific production of planting materials 3.Value addition of fruits | 111 | July Sep.Nov | 223 | OnOnOn  | 1087 | 101213 | 202020 | --- | --- | --- | 202020 |
| Extension Personnel | 1.Mulching of vegetable crops2.Rejuvenation of old citrus orchard  | 11 | Sep Jan. | 11 | On On  | 1010 | 1010 | 2020 | -- | -- | -- | 2020 |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop-outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |
| **Vocational training programmes** | Farmer and Farm women |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Youth |  |  |  |  |  |  |  |  |  |  |  |  |
| Extension Personnel |  |  |  |  |  |  |  |  |  |  |  |  |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop-outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |
| **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 Mobile **No:**9436609608/9862372925

**E-mailaddress:**abukehie11@gmail.com

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Mandated activities** | **Thematic Area** | **Name of Technology**  | **Source and Year of release** | **Assess/Refine** | **Area (in ha.)** | **Location** | **Period and Duration** | **Number of beneficiaries/ trials** |
| **SC/ST** | **General** | **Grand Total** |
| **M** | **F** | **Total** | **M** | **F** | **Total** |
| **On farm testing** | Integrated Pest Mgmt |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Disease Mgmt | Management of Leaf curl disease in King ChilliFoliar spraying of Neem product ( Achook) @2ml/l 2-3 times at 10-15 days or installing yellow sticky traps @ 10 traps/ha plus foliar spraying of Imidacloprid 17.8SL @0.5ml/l 20-25 days after transplanting  | CAU, Imphal,2013  | Assessment | 1 | Alichen, Kupza, Yisemyong | May – August 2020 | 3 | 3 | 6 |  |  |  | 6 |
| Biological control (Insect/pest/ weeds etc) | Bio intensive IPM package for the pests of cabbage cropsTechnology :(a) Border plantation of mustard crops against Plutellaxyllostella (DBM)(b) 3 release of *Trichogrammachilonis*, T. Brassicae @ 100000/ha against DBM and T. pieridis(c) Mechanical collection of larvae of lepidopteran pests. (d) Spray Bt 1 kg/ha at 15 days interval and NSKE @ 5% against lepidopterean pests 10 days interval for 3 times | NBAIR, Bengaluru, 2015 | Assessment | 1 | Yimchalu, Khensa | Sept ‘20 | 2 | 2 | 4 |  |  |  | 4 |
| Product evaluation (Efficacy) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beneficial insects |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other beneficial organisms |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Store grain pest |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |
| **Mandated activities** | **Thematic Area** | **Name of Technology demonstrated** | **Source and Year of release** | **Crop/Cropping system** | **Area (in ha.)** | **Location** | **Period and Duration** | **Number of beneficiaries/ demon.**  |
| **SC/ST** | **General** | **Grand Total** |
| **M** | **F** | **Total** | **M** | **F** | **Total** |
| **Front Line Demonstration** | Integrated Pest Mgmt | Management of White grub in Potato1.Liming 2- 3 months before sowing @ 200-400 kgs/ha 2.Application of ash and Lanatacamara leaves at time of planting 3.Mixing Metarhiziumanisopliae and EPN in organic manure 15 days before sowing to be applied during planting of tubers and at earthing up and spray of Beauveriabassiana and NPV @5ml/lt water at vegetative stage  | NCIPM, New Delhi, 2010 | Potato | 2 | Alichen&Longjang | Oct’20  | 4 | 4 | 8 | - | - | - | 8 |
|  | 2. Management of fruit borers in Tomato-Seed treatment with Trichoderma 2.5g/kg seed-Foliar spray with neem formulation @ 2ml/l water-Release of Trichogrammabrassilliensis at 30 DAYS @ 50000 eggs/haThereafter 15 days interval | Directorate of Research, CAU, Imphal CAU, 2013 | Tomato | 1.5 | Longkhum,  | April-July | 3 | 3 | 6 |  |  |  | 6 |
| Integrated Disease Mgmt |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Disease Mgmt |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Biological control (Insect/pest/ weeds etc) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Product evaluation (Efficacy) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beneficial insects |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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.insect pest of Tomato and their management (1)2. Management of Insect Pests in Tomato (1)3. Integrated pest management of FAW in maize (1)4. Management of Insect pests in Potato (1)5. Biological Management of insect pest in cabbage (1) | 11111 | April ‘20May‘20June ‘20Sept ‘20Oct‘20 | 35332 | OffOffOffOffOff | 2025151515 | 1015101515 | 3040253015 | ----- | ----- | ----- | 3040253030 |  |
| Rural Youth | 1.Apairy Management (1)2.Cultivation and Management of Oyster Mushroom (1) | 11 | Nov. ‘20Dec ‘20 | 33 | OnOff | 2020 | 1010 | 3030 | -- | -- | -- | 3030 |
| Extension Personnel | 1.Strategies for a successful management of Rodent (1) | 1 | July ‘20 | 1 | On | 20 | 10 | 30 | - | - | - | 30 |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |
| **Vocational training programmes** | Farmer and Farm women |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Youth |  |  |  |  |  |  |  |  |  |  |  |  |
| Extension Personnel |  |  |  |  |  |  |  |  |  |  |  |  |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop-outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |
|  |
| **Sponsored training programmes** |  | **Sponsoring agency** |
| Farmer and Farm women |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Youth |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Extension Personnel |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Civil Society | 1.Cultivation and Management of Oyster Mushroom (1) | 1 | Nov. ‘20 | 3 | Off | 10 | 10 | 20 | - | - | - | 20 | NICRA |
| NGO(including school drop-outs) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |

**Discipline: Plant breeding**

**Name of the concerned Subject Matter Specialist: Bendangjungla.IMobileNo: 9436605486**

**E-mailaddress:bendangjungla14@gmail.com**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Mandated activities** | **Thematic Area** | **Name of the technology** | **Source and Year of release** | **Assess/Refine** | **Area (in ha.)** | **Location** | **Period and Duration** | **Number of respondents/ beneficiaries** |
| **SC/ST** | **General** | **Grand Total** |
| **M** | **F** | **Total** | **M** | **F** | **Total** |
| **On farm testing** | Varietal/hybrid evaluation | Performance evaluation on Cowpea UPC 628Performance evaluation on Pea ArkaAporva | GP Pant UAT Patnagar 2016IIHR2013 | AA | 0.751 | Kubza,MopungchuketKharMolong | May- August.Sept- Feb | 22 | 22 | 44 | -- | -- |  | 44 |
| Crop improvement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seed production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated crop management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Plant propagation |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |
| **Mandated activities** | **Thematic Area** | **Name of the technology** | **Source and Year of release** | **Crop/ Cropping system/ Enterprise** | **Area (in ha.)** | **Location** | **Period and Duration** | **Number of beneficiaries** |
| **SC/ST** | **General** | **Grand Total** |
| **M** | **F** | **Total** | **M** | **F** | **Total** |
| **Front Line Demonstration** | Varietal/hybrid evaluation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Crop improvement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seed production | Demonstration on seed production technology of off season cucumber | - | irrigated | 1 | KinungerKupza | Jan-Sept | 2 | 2 | 4 | - | - | - | 4 |
| Integrated crop management | Demonstration on Pea Arkapoorna | IIHR2008 | irrigated | 1 | Moalenden | Sep-Feb | 2 | 2 | 4 | - | - | - | 4 |
| Nursery management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Plant propagation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) | Demonstration on paddy Shashasarang | ICARBarapani 2013 | irrigated | 1 | KinungerAliba | Jun–Dec. | 2 | 2 | 4 | - | - | - | 4 |
|  |
| **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 paddyImproved cultivation practices of PeaNutrient managementImproved cultivation practices of cucumber Eco- friendly management of stored grain pest in paddy | 22111 | AugustJuneAprilMaySept.JuneOct. | 21111 | OffOffOffOffon | 2525111315 | 2525141210 | 5050252525 | ----- | ----- | ----- | 5050252525 |  |
| Rural Youth | Value addition in vegetablesImportance of soil health | 11 |  OctFeb | 21 | OnOff | 1010 | 1010 | 2020 | -- | -- | -- | 2020 |
| Extension Personnel | Eco- friendly management of stored grain pest in paddy Recent approaches in crop improvement | 11 | Nov July | 11 | Off on | 87 | 67 | 1414 | -- | -- | -- | 1414 |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop-outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |
| **Vocational training programmes** | Farmer and Farm women |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Youth |  |  |  |  |  |  |  |  |  |  |  |  |
| Extension Personnel |  |  |  |  |  |  |  |  |  |  |  |  |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop-outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |
| **Sponsored training programmes** |  | **Sponsoring agency** |
| Farmer and Farm women | Value addition in fruits | 1 | Nov | Off  | 12 | 13 | 25 | - | - | - | - | 25 | ATMA |
| Rural Youth |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Extension Personnel |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop-outs) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |

Discipline: Agricultural Extension

Name of the concerned Subject Matter Specialist: RuyosuNakro

Mobile No: 9612945650

E-mailaddress:nakroruyosu@gmail.com

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Mandated activities** | **Thematic Area** | **Technology/ Method/ Process/ Model** | **Source and Year of release** | **Assess/Refine** | **Area (in ha.)** | **Location** | **Period and Duration** | **Number of respondents/ beneficiaries** |
| **SC/ST** | **General** | **Grand Total** |
| **M** | **F** | **Total** | **M** | **F** | **Total** |
| **On farm testing** | Formation of Groups |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benchmark Survey (PRA etc) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Impact Assessment | 1. Impact assessment on Climate resilience technologies implemented by KVK,Mokokchung.
 |  | Assess |  | Aliba, Kinunger | June  | 20 | 10 | 30 |  |  |  | 30 |
| Technology Backstopping |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dissemination time/ Loss of technologies |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Coordination/ Convergence/ Linkages promoted/ created |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |
| **Mandated activities** | **Thematic Area** | **Technology/ Method/ Process/ Model** | **Source and Year of release** | **Crop/ Cropping system/ Enterprise** | **Area (in ha.)** | **Location** | **Period and Duration** | **Number of beneficiaries** |
| **SC/ST** | **General** | **Grand Total** |
| **M** | **F** | **Total** | **M** | **F** | **Total** |
| **Front Line Demonstration** | Formation of Groups |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benchmark Survey (PRA etc) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Impact Assessment | Popularization of chaff cutter in comparison with the local Machete in fodder preparation. | - | - | - | Yimchalu | Sept | 5 | 5 | 10 |  |  |  | 10 |
| Technology Backstopping |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dissemination time/ Loss of technologies |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Coordination/ Convergence/ Linkages promoted/ created |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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.Importance and role of ‘Farmers groups’ in addressing local agricultural issues2. Formation of farmers’ club and its operation.3.Mobilization of social capital in villages4.Farm leadership – its importance and role in technology adoption and dissemination5. Orientation on proper record keeping in SHGs6.Common problems of SHG members and their solutions | 111111 | AprilJuly JunMayNov.Oct. | 111111 | OffOffOffOnOffOff | 151513131012 | 101012121513 | 252525252525 |  |  |  | 252525252525 |  |
| Rural Youth | 1.Orientation on few potential agri- allied micro enterprises2.Training on cultivation of oyster mushroom as an potential micro enterprise | 11 | Feb.Dec. | 11 | OnOff | 1515 | 1010 | 2525 |  |  |  | 2525 |
| Extension Personnel | 1.Entrepreneurs development 2.Programme planning | 11 | SeptJan. | 11 | OnOff | 68 | 88 | 1416 |  |  |  | 1416 |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop-outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |
| **Vocational training programmes** | Farmer and Farm women |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Youth |  |  |  |  |  |  |  |  |  |  |  |  |
| Extension Personnel |  |  |  |  |  |  |  |  |  |  |  |  |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop-outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |
| **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 of the KVK proposed for the year 2020**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 |  | 80 | 90 | 170 |  |  |  | 80 | 90 |
| Advisory services/ telephone talk | 50 | Jan -Dec |  | 100 | 100 | 200 |  |  |  | 100 | 100 |
| Training Manual | 5 | Jan -Dec |  |  |  |  |  |  |  |  |  |
| Celebration of Important days | 6 | Jan -Dec |  | 140 | 160 | 300 |  |  |  | 140 | 160 |
| Exhibition | 2 | Jan -Dec |  |  |  |  |  |  |  |  |  |
| Exposure visit |  |  |  |  |  |  |  |  |  |  |  |
| Extension literature (Leaflet/ folders/ Pamphlets) | 6 | Jan -Dec |  |  |  |  |  |  |  |  |  |
| Extension / technical bulletin | 1 | 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 | 1 | Jan -Dec |  | 10 | 15 | 25 |  |  |  | 10 | 15 |
| Farmers’ Seminar |  |  |  |  |  |  |  |  |  |  |  |
| Farmers’ visit to KVKs | 6 | Jan -Dec |  | 30 | 60 | 90 |  |  |  | 30 | 60 |
| Ex-trainees’ meet |  |  |  |  |  |  |  |  |  |  |  |
| Field day | 8 | Jan -Dec |  | 50 | 70 | 120 |  |  |  | 50 | 70 |
| Film show |  |  |  |  |  |  |  |  |  |  |  |
| Radio Talk | 96 | Jan -Dec |  |  |  |  |  |  |  |  |  |
| TV talk |  |  |  |  |  |  |  |  |  |  |  |
| KishanGoshthi |  |  |  |  |  |  |  |  |  |  |  |
| Group Meeting | 5 | Jan -Dec |  | 40 | 60 | 100 |  |  |  | 40 | 60 |
| KishanMela |  |  |  |  |  |  |  |  |  |  |  |
| Soil Health Camps | 1 | Jan -Dec |  | 15 | 25 | 40 |  |  |  | 15 | 25 |
| Animal Health Camps |  |  |  |  |  |  |  |  |  |  |  |
| Awareness campMobile Agro-Advisory (Messages/ Beneficiaries) | 300 | Jan -Dec |  | 1725 | 1835 | 3560 |  |  |  | 1725 | 1835 |
| Method demonstration | 7 | Jan -Dec |  | 35 | 35 | 70 |  |  |  | 35 | 35 |
| Scientists’ visit to farmers’ field | 40 | Jan -Dec |  | 80 | 70 | 150 |  |  |  | 80 | 70 |
| Workshop/ Seminar |  |  |  |  |  |  |  |  |  |  |  |
| Soil Testing | 95 | Jan -Dec |  | 50 | 45 | 95 |  |  |  | 50 | 45 |
| Water Testing |  |  |  |  |  |  |  |  |  |  |  |
| Plant Testing |  |  |  |  |  |  |  |  |  |  |  |
| Manure Testing |  |  |  |  |  |  |  |  |  |  |  |
| Any other (Pl. Specify) |  |  |  |  |  |  |  |  |  |  |  |

**Activity Calendar of the KVK (Month-wise target to be completed) for the year 2020**

**KVK:Mokokchung**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity/ Month** | **Jan** | **Feb** | **Mar** | **Apr** | **May**  | **June**  | **July**  | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Total** |
| **OFT (Nos.)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. Number of Technologies
 |  |  |  |  | 4 | 1 | 1 |  | 3 |  |  |  | 9 |
| 1. Number of Trials
 |  |  |  |  | 12 | 3 |  |  | 9 |  |  |  | 24 |
| 1. Area (ha)/ items (no.)
 |  |  |  |  | 2.25 | 0.5 | 30 nos |  | 2.5 |  |  |  | 5.25 (30nos.) |
| **FLD (Nos.)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. Number
 | 1 |  |  | 5 |  | 3 |  |  | 4 | 3 |  |  | 16 |
| 1. Area(ha)/ items (no.)
 | 1 |  |  | 12 |  | 11 |  |  | 6.5 (8 nos) | 6 |  |  | 36.5 (8nos) |
| **Training programme** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. **Farmer**
 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. No. of course
 |  |  |  | 6 | 6 | 7 | 1 | 3 | 4 | 5 | 1 | 2 | 35 |
| 1. No. Of participants
 |  |  |  | 155 | 160 | 175 | 25 | 50 | 100 | 130 | 25 | 50 | 870 |
| 1. **Rural Youth**
 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. No. of course
 |  | 2 |  | 1 |  |  | 1 |  | 1 | 1 | 2 | 2 | 10 |
| 1. No. Of participants
 |  | 45 |  | 25 |  |  | 20 |  | 20 | 20 | 50 | 55 | 235 |
| 1. **Ext. Personnel**
 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. No. of course
 | 2 |  |  |  |  | 1 | 2 |  | 2 |  | 1 |  | 8 |
| 1. No. Of participants
 | 36 |  |  |  |  | 25 | 44 |  | 34 |  | 14 |  | 153 |
| **Extension Activities/ programmes** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. No. of activities
 | 35 | 30 | 55 | 65 | 50 | 55 | 45 | 45 | 48 | 50 | 45 | 40 | 563 |
| 1. No. of beneficiaries
 | 280 | 240 | 440 | 520 | 400 | 440 | 360 | 360 | 384 | 400 | 360 | 320 | 4504 |
| **Seeds production (tonnes)** | - | - | 0.1 | - | 0.002 | - | - | 0.1 | - | 0.2 |  | 0.5 | 0.902 |
| **Planting materials (Nos. in lakh)** |  |  |  |  | 0.030 |  |  |  |  | 0.04 |  |  | 0.070 |
| **Livestock strains (No. in lakh)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Fingerlings (No. in lakh))** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Bio-agents/ products (tonnes)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Bio-fertilizers/ Vermicompost etc. (in Tonnes)** |  |  |  |  |  | 0.01 |  |  |  |  | 0.01 |  | 0.02 |
| **Soil , Water, Plant, Manures Testing (No. of samples to be tested)** | Soil-Water-Plant-Manures- | 8 | 7 | 8 | 10 | 10 | 8 | 8 | 10 | 10 | 8 | 8 | Soil-95Water-Plant-Manures- |
| **Soil , Water, Plant, Manures Testing (No. of farmers benefitted)** | Soil-Water-Plant-Manures- | 8 | 7 | 8 | 10 | 10 | 8 | 8 | 10 | 10 | 8 | 8 | Soil-95Water-Plant-Manures- |
| **Soil , Water, Plant, Manures Testing (No. of villages covered)** | Soil- 5Water-Plant-Manures- |  |  |  |  |  |  |  |  |  |  |  | Soil-5Water-Plant-Manures- |
| **Mobile Agro-Advisory (No. of Messages)** | 70 | 71 | 72 | 71 | 70 | 71 | 71 | 70 | 71 | 70 | 70 | 71 | 848 |
| **Mobile Agro-Advisory (No. of Farmers)** | 280 | 296 | 305 | 285 | 280 | 291 | 295 | 320 | 317 | 291 | 291 | 320 | 3571 |

Senior Scientist & Head

KVK,Mokokchung