**Indian Council of Agricultural Research**

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

**Umiam, Meghalaya**

***Format for Annual Action Plan Formulation of KVKs, Zone-III for 2018-19***

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

**Present Staff Position in KVK**

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| --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Name** | **Gender (M/F)** | **Category (General/OBC/SC/ST)** | **Designation** | **Discipline** | **Mobile No.**  |
| 1. | Dr.PijushKantiBiswas | M | Gen | Senior Scientist and Head | Horticulture | 9402343069 |
| 2. | RenbomoNgullie | M | ST | Subject Matter Specialist  | Horticulture  | 9436604002 |
| 3. | Dr.Rongsensusang | M | ST | Subject Matter Specialist  | Vety& AH | 9436605485 |
| 4. | Samuel Sangtam | M | ST | Subject Matter Specialist  | Agronomy | 9856580802 |
| 5. | Bendangjungla.I | F | ST | Subject Matter Specialist  | PB &G | 9436609608 |
| 6. | RoyusoNakro | M | ST | Subject Matter Specialist  | Agri. Extension | 9436605486 |
| 7. | Dr.RuopfuselhuoKehie | M | ST | Subject Matter Specialist  | Entomology | 9612945650 |
| 8. | Moainla | F | ST | Programme Assistant | Horticulture | 9856075444 |
| 9. | I.Tangitla | F | ST | Computer Programmer |  | 9612165507 |
| 10. | IlikaVachumi | F | ST | Farm Manager | Horticulture | 9436604003 |
| 11. | Meyatula | F | ST | Accountant / Superintendent |  | 9856744304 |
| 12. | Imosangla | F | ST | Stenographer |  | 9615297280 |
| 13. | Supongmeren | M | ST | Driver  |  | 8257009876 |
| 14. | Jongpongyanger | M | ST | Driver |  | 9862236420 |
| 15. | Imkonglemla | F | ST | Supporting staff |  | 8974851206 |
| 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 2018-19**

**Discipline:Agronomy**

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

**E-mailaddress: Samuel\_annar@yahoo.com**

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| **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 |  PaddyRCM -13  | ICAR, Imphal Centre,2015 | A | 0.75 | Aliba,, Longjang and Longsa | May to Nov | 3 | 3 | 6 | - | - | - | 6 |
| Seed Production |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Weed Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Water Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tillage Management/ Farm Machinery |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Farming System/ Integrated Crop Management |  MaizePusa composite -3 | IARI, New Delhi , 2005 | A | 0.75 | Yimchalu Yisemyong & Longkhum | April to August | 3 | 3 | 6 | - | - | - | 6 |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **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 | 1. Paddy – (CAU-RI)
2. Maize (RCM-76)
 | 1. ICAR, Imphal Center,2010

2.ICAR, Imphal center, 2008 | RainfedRainfed  | 63 |  Longjang, Aliba Longsa, Ungma | June to NovMarch to July | 63 | 23 | 86 |  |  |  | 86 |
| Integrated Weed Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Nutrient Management | Soybean (JS-335) | JNAU, Jabalpur | Rainfed | 2 | Longsa, Yimchalu | June to October | 2 | 4 | 6 |  |  |  | 6 |
| Integrated Water Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tillage Management/ Farm Machinery | Toria (TS-38 & 36)- Zero tillage after Jhum Paddy | AAU, 2007 | Rainfed | 2 | Longsa , Ungma | Nov to Feb. | 2 | 4 | 6 |  |  |  | 6 |
| Integrated Farming System/ Integrated Crop Management | Pea (Arkel) | - | Rainfed | 1 | Mopungchuket | Oct ot Feb. | 2 | 2 | 4 |  |  |  | 4 |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **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)SRI & Line sowing paddy cultivation (1)Cultivation of Soybean(2)Jhum Intensification (1)Cultivation of winter field crops (2) Post harvest technology (1) | 212122 | April and AugustMayJuneAugustOct and Nov.Sept andDec | 212122 | On and Off OffOffOff OffOff | 201520153020 | 301030102030 | 502550255050 | ------ | ------ | ------ | 502550255050 |  |
| Rural Youth | Vermi Composting (1) | 2 | May | 1 | Off | 10 | 15 | 25 | - | - | - | 25 |
| Extension Personnel | Oilseed production(1)Pulse Production (1) | 11 | SeptJune | 11 | OnOn | 64 | 48 | 1012 | -- | -- | -- | 1012 |
| Civil Society | Production of vermin-compost (2) | 1 | July | 1 | On | 5 | 20 | 25 | - | - | - | 25 |
| NGO (including school drop outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Vocational training programmes** | Farmer and Farm women |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rural Youth | Vermi - culture and composting (3) | 2 | September | 10 | On | 20 | 30 | 50 | - | - | - | 50 |
| Extension Personnel |  |  |  |  |  |  |  |  |  |  |  |  |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Sponsored training programmes** |  |  | **Sponsoring agency** |
| Farmer and Farm women | 1. SRI & Line sowing of Paddy (2)2. Organic farming (2)3. Pulses production(2)4. Oilseed production (2)5. Sequential cropping (2) | 11221 | MayJuneApril, August& OctJune & OctSeptember | 12321 | OffOffOffOffOn | 1520502515 | 1025502510 | 25451005025 | ----- | ----- | ----- | 25451005025 | DAO DAONFSMNMOOPATMA |
| Rural Youth |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Extension Personnel |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop outs) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Discipline: Horticulture**

**Name of the concerned Subject Matter Specialist :** Renbomo Ngullie **Mobile No: 9436605485**

**E-mail** **address: ngullier8@gmail.com**

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| **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 trial on tomato var. Arka Rakshak | IIHR 2010 | Assess  | 0.5 | Longkhum, L u y on g |  | 1 | 1 | 2 | - | - | - | 2 |
| Performance trial on Chilli var. Arka Khyati and Tejasvani | IIHR 2011 | Assess  | 0.5 | Ungma |  | 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) |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |
| **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 | Demonstration of Off-season cabbage var.Summer Queen | IIHR 2011 | Cabbage | 2.0 | UngmaYisemyong |  | 4 | 2 | 6 | - | - | - | 6 |
| Integrated Nutrient Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Weed Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Orchard Rejuvenation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Post Harvest Processing/ Value Addition |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canopy mgmt. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Landscaping |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mechanization |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Any other (Pl. Specify) | Potato production through tuberlets |  | Potato | 2.0 | Longjang  |  | 2 | 3 | 5 | - | - | - | 5 |
|  |  | Scientific cultivation of Broccoli |  | Broccoli  | 2.5 | Ungma, Aliba, Luyong, Yimchalu |  | 2 |  6 | 8 | - | - | - |  8 |
|  |  | Demonstration on Tomato |  | Tomato  | 1.5 | Longkhum, Luyong |  | 1 | 2 | 3 |  |  |  | 3 |
|  |  | Demonstration on Chilli |  | Chilli | 1.0 | Ungma |  | 1 | 1 | 2 |  |  |  | 2 |
|  |  | FLD on Tomato |  | Capsicum  | 0.5 | Yimchalu |  | 0 | 1 | 1 |  |  |  | 1 |
|  |  | Demonstration on cabbage |  | Cabbage  | 2.0 | Longkhum, Luyong |  | 1 | 2 | 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 | Production technologies of pumpkin | 1 | April  | 1 | Off | 10 | 15 | 25 | - | - | - | 25 |  |
|  | Improved cultivation practices of Chilli. | 1 | April | 1 | Off  | 10 | 15 | 25 | - | - | - | 25 |
|  | Management of banana orchards | 1 | May | 1 |  Off | 12 | 13 | 25  | - | - | - | 25 |
|  | Production of low volume high value crops | 1 | May  | 1 | On  | 10 | 15 | 25 | - | - | - | 25 |
|  | Post harvest handling of Tomato | 2 | July/Dec | 2 | On | 23 | 27 | 50 | - | - | - | 50 |
|  | Processing and value addition of spices crops | 1 | August | 1 | Off  | 10 | 15 | 25 | - | - | - | 25 |
|  | Vegetable Nursery raising and management  | 2 | September | 2 | Off  | 20 | 30 | 50 | - | - | - | 50 |
|  | Training and pruning of orange trees | 1 | January  | 1 | Off  | 15 | 10 | 25 | - | - | - | 25 |
|  | Production technology Kiwi | 1 | February | 1 | Off | 11 | 14 | 25 | - | - | - | 25 |
|  | Package of practices of Arecanut. | 1 | March  | 1 | On  | 12 | 13 | 25 | - | - | - | 25 |
| Rural Youth | Protected cultivation of flowers | 1 | May  | 1 | Off  | 10 | 10 | 20 | - | - | - | 20 |
|  | Scientific production of planting materials  | 2 | August  | 2 | On/Off | 15 | 25 | 40 | - | - | - | 40 |
|  | Post Harvest Technology of flowers | 2 | Nov.  | 2 | On/Off  | 16 | 24 | 40 | - | - | - | 40 |
| Extension Personnel | Post harvest management of vegetables  | 1 | Dec. | 1 | On  | 10 | 10 | 20 | - | - | - | 20 |
| 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) | Processing and value addition of spices crops | 1 | Nov | 5 | On  | 13 | 17 | 30 |  |  |  | 30 |
| 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) |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**Discipline: Plant Protection (Entomology/ Plant Pathology/ Nematology)**

**Name of the concerned Subject Matter Specialist:** Dr. Ruopfȕselhou Kehie Mobile **No:** 9436609608/9862372925

**E-mail** **address:** abukehie11@gmail.com

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| **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 | Effect of Planting dates on the incidence of Cabbage Butterfly (*Pieris Brassicae*). | Department of Entomology, SASRD, Nagaland University, 2017 | Assessment | 1 | Longkong & Yimchalu | Oct ’18 – Feb ‘19 | 2 | 2 | 4 |  |  |  | 4 |
| Integrated Disease Mgmt |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Biological control (Insect/pest/ weeds etc) | Management of Tomato fruit-borer with Bio-agents:Spraying *Helicoverpa* NPV @ 250-300 Larval Equivalent (LE)/ha mixed with jiggery & 0.1% Teepol in 250 litres of water and sprayed in the evening hours | Bio-control Laboratory, Deptt. of Agriculture. Govt of Nagaland, (under pipeline) | Assessment | 1 | Longkhum & Khensa | April –July ’18  | 2 | 2 | 4 | - | - | - | 4 |
| Product evaluation (Efficacy) | Efficacy of diafenthiuron 310 g ai./ha against whitefly (*Bemisia tabaci)*on Soyabean. | Department of Entomology, SASRD, Nagaland University, 2017 | Assessment | 1 | Chungtia &Yisemyong | May – Sept ‘18 | 2 | 2 | 4 | - | - | - | 4 |
| 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integrated Disease Mgmt | Efficacy of imidacloprid 17.8 SL against pod bugs in Pigeon Pea | Department of Agricultural Entomology, College of Agriculture, Bijapur, Karnataka, 2016 | Monocropping | 2 | Yisemyong & Yimchalu | May –August ‘18 | 2 | 4 | 4 | - | - | - | 4 |
| Biological control (Insect/pest/ weeds etc) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Product evaluation (Efficacy) | Field Efficacy of Flubendiamide 39.35 SC @ 24g a.i/ha against Rice Leaf folder. | Department of Entomology, College of Agriculture, CAU, Imphal, Manipur, 2017 | Monocroping | 2 | Mongsenyimti & Kinunger  | June. –Nov. ‘18 | 3 | 3 | 6 | - | - | - | 6 |
| Beneficial insects |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other beneficial organisms |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Store grain pest |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **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. Management of Insect Pests Fruit borer in Tomato (1)2. Management of Insect pests in Oil seed Crop3. Management of Insect pests in Pigeon pea4.Training on IPM module against Insect Pests 1)5. Bio-intensive Integrated Pest Management in Cole Crops (1)6. Management of Insect Pests in Chilli (1)7. Post harvest management of Cereals against Stored pests (1) | 1111111 | May ‘18June‘18July ‘18August‘18Sept ‘18Dec ‘18Jan ‘19 | 1111111 | OffOffOffOffOffOffOff | 15151510151520 | 1015101010510 | 25302520202030 | ------- | ------- | ------- | 25302520252030 |  |
| Rural Youth | 1. Seasonal Management for Bee keeping (1)2. Strategies for a successful management of Rodent (1) | 11 | Sept. ‘18Oct. ‘18 | 11 | OffOn | 2020 | 1010 | 3030 | -- | -- | -- | 3030 |
| Extension Personnel | Pest Survey & Monitoring (1) | 1 | May‘18 | 1 | On | 20 | 10 | 30 | - | - | - | 30 |
| Civil Society | 1.Apiary management – a practical approach (1)2.Vermitechnology for organic Farming – a practical approach (1) | 11 | Nov ‘18Feb ‘19 | 11 | OffOff | 2020 | 1020 | 3040 | -- | -- | -- | 3040 |
| NGO(including school drop outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Vocational training programmes** | Farmer and Farm women | 1.Technique of Bee keeping (1) | 1 | April‘18 | 1 | Off | 20 | 10 | 30 | - | - | - | 30 |  |
| Rural Youth |  |  |  |  |  |  |  |  |  |  |  |  |
| Extension Personnel |  |  |  |  |  |  |  |  |  |  |  |  |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop-outs) |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Sponsored training programmes** |  | **Sponsoring agency** |
| Farmer and Farm women | IPM in Rice with special references to Biological control (1) | 1 | August ‘18 | 1 | Off | 20 | 10 | 30 | - | - | - | 30 | Deptt. Of Agriculture |
| Rural Youth | Cultivation and Management of Oyster Mushroom (1) | 1 | Jan. ‘19 | 1 | Off | 10 | 10 | 20 | - | - | - | 20 | NICRA |
| Extension Personnel |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Civil Society |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NGO(including school drop-outs) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**Discipline: Plant breeding**

**Name of the concerned Subject Matter Specialist: Bendangjungla.IMobile No: 9436605486**

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

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| **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 trial on cauliflower DC-31Performance trial on Pea KTS | ACRIP Vegetable crops2014IIHR | AA | 11 | YimchaluMoalenden | Sept –MarchSept- 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 Cowpea var. TrigunaDemonstration on Bitter gourd var. Palee | RARSKayamkulam 2010IIHR | RainfedRainfed | 11 | ChungtiaWatiyim | KharifKharif | 11 | 11 | 22 | -- | -- | -- | 22 |
| Integrated crop management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nursery management | Tomato var. ArkaRakshak | IIHR 2010 | Rainfed | 0.25 | Longkhum | Kharif | 1 | 1 | 2 | - | - | - | 2 |
| Plant propagation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Others (Pl. specify) | Demonstration on Maize var. HQPM-5Demonstration on Tapioca var. Shree Shaya | HAU2011CTCRI | RainfedRainfed | 11 | LongkhumSabangya | KharifKharif | 22 | 22 | 44 | -- | -- | -- | 44 |
|  |
| **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 cowpeaImproved cultivation practices of MaizeImproved cultivation practices of PeaNutrient management | 2211 | May JuneAprilMaySept.June | 2111 | OffOffOffOff | 26351113 | 25251411 | 50602524 | ----- | ---- | ---- | 50602524 |  |
| Rural Youth | Value addition in vegetablesImportance of soil health | 21 |  Oct-Feb.Dec. | 21 | OnOff | 3112 | 1812 | 4924 | -- | -- | -- | 4924 |
| Extension Personnel | Seed storage |  |  |  | 1 | July | 1 | 14 | - | - | - | 14 |
| Civil Society | PPVR | 1 | April | 1 | 0ff | 20 | 10 | 30 | - | - | - | 30 |
| 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 | Integrated crop management | 1 | may | 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 MobileNo: 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 | Introduction of chaff cutter and comparison with the local Machete in fodder production | Central Institute of Agricultural Engineering(CIAE) Bhopal  | Assess |  | Longpha | Jun-Dec | 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 | Demonstration on tubular maize sheller in reducing drudgery of maize farmers | Central Institute of Agricultural Engineering(CIAE) Bhopal  |  |  |  | Nov-Feb | 15 | 25 | 40 |  |  |  | 40 |
| 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. Farm leadership – its importance and role intechnology adoption and dissemination2.Group dynamics3.Mobilization of social capital in villages4.Information networking among farmers5. 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.Rural crafts2.Agri-Bussiness Opportunities for uplifting the socio-economic status of rural youth | 11 | Feb.Dec. | 11 | OnOff | 1515 | 1010 | 2525 |  |  |  | 2525 |
| Extension Personnel | 1. .Capacity building for using of ICT tools2.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 2018-19**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 | 40 | April-Mar |  | 110 | 142 | 252 |  |  |  | 110 | 142 |
| Advisory services/ telephone talk | 40 | April-Mar |  | 120 | 55 | 175 |  |  |  | 12o | 55 |
| Training Manual | 4 | April-Mar |  |  |  | - |  |  |  |  |  |
| Celebration of Important days | 8 | April-Mar |  | 168 | 140 | 308 |  |  |  | 168 | 140 |
| Exhibition | 4 | April-Mar |  | 250 | 300 | 550 |  |  |  | 250 | 300 |
| Exposure visit | 2 | April-Mar |  | 30 | 25 | 55 |  |  |  | 30 | 25 |
| Extension literature (Leaflet/ folders/ Pamphlets) | 10 | April-Mar |  |  |  | - |  |  |  |  |  |
| Extension / technical bulletin | 1 | April-Mar |  |  |  | - |  |  |  |  |  |
| News letter | 2 | April-Mar |  |  |  | - |  |  |  |  |  |
| News paper coverage | 8 | April-Mar |  |  |  | - |  |  |  |  |  |
| Research publications | 3 | April-Mar |  |  |  | - |  |  |  |  |  |
| Success stories/ Case studies | 1 | April-Mar |  |  |  | - |  |  |  |  |  |
| Farm Science Clubs’ Convenors meet | 2 | April-Mar |  | 10 | 10 | 20 |  |  |  | 10 | 10 |
| Farmers’ Seminar | 1 | April-Mar |  | 50 | 50 | 100 |  |  |  | 50 | 50 |
| Farmers’ visit to KVKs | 3 | April-Mar |  | 60 | 80 | 140 |  |  |  | 60 | 80 |
| Ex-trainees’ meet | 1 | April-Mar |  | 15 | 10 | 25 |  |  |  | 15 | 10 |
| Field day | 10 | April-Mar |  | 200 | 150 | 350 |  |  |  | 200 | 150 |
| Film show | 2 | April-Mar |  | 60 | 30 | 90 |  |  |  | 60 | 30 |
| Radio Talk | 5 | April-Mar |  |  |  | - |  |  |  |  |  |
| TV talk |  |  |  |  |  | - |  |  |  |  |  |
| KishanGoshthi |  |  |  |  |  | - |  |  |  |  |  |
| Group Meeting | 20 | April-Mar |  | 100 | 155 | 255 |  |  |  | 100 | 155 |
| KishanMela |  |  |  |  |  | - |  |  |  |  |  |
|  Soil Health Camps | 1 | April-Mar |  | 30 | 25 | 55 |  |  |  | 30 | 25 |
| Animal Health Camps | 3 | April-Mar |  | 150 | 150 | 300 |  |  |  | 150 | 150 |
| Awareness camp Mobile Agro-Advisory (Messages/ Beneficiaries) | 60 | April-Mar |  | 8600 | 4000 | 12600 |  |  |  | 8600 | 4000 |
| Method demonstration | 13 | April-Mar |  | 200 | 150 | 350 |  |  |  | 200 | 150 |
| Scientists’ visit to farmers’ field | 44 | April-Mar |  | 100 | 50 | 150 |  |  |  | 100 | 50 |
| Workshop/ Seminar |  |  |  |  |  | - |  |  |  |  |  |
| Soil Testing | 600 | April-Mar |  | 400 | 200 | 600 |  |  |  | 400 | 200 |
| Water Testing |  |  |  |  |  |  |  |  |  |  |  |
| Plant Testing |  |  |  |  |  |  |  |  |  |  |  |
| Manure Testing |  |  |  |  |  |  |  |  |  |  |  |
| Any other (Pl. Specify) |  |  |  |  |  |  |  |  |  |  |  |

**Activity Calendar of the KVK (Month-wise target to be completed) for the year 2018-19**

**KVK:Mokokchung**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity/ Month** | **Apr** | **May**  | **June**  | **July**  | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| **OFT (Nos.)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. Number of Technologies
 | 3 | 1 | 2 |  | 1 | 2 | 1 |  |  |  |  |  | 10 |
| 1. Number of Trials
 | 15 | 3 | 6 |  | 4 | 4 | 4 |  |  |  |  |  | 36 |
| 1. Area (ha)/ items (no.)
 | 6.5ha | 2 ha | 2.5ha/30 nos |  | 1.5 | 2.5 | 0.5 ha |  |  |  |  |  | 15.5ha./30 nos. |
| **FLD (Nos.)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. Number
 | 4 | 5 | 5 |  | 1 |  |  | 5 |  |  |  |  | 20 |
| 1. Area(ha)/ items (no.)
 | 8.5 Ha | 12.5 Ha.  | 10 Ha.40nos |  | 1.5 ha. |  |  | 12 ha |  |  |  |  | 44.5 ha/ 40 nos |
| **Training programme** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. **Farmer**
 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. No. of course
 | 6 | 7 | 8 | 4 | 6 | 7 | 4 | 3 | 3 | 3 | 2 | 1 | 54 |
| 1. No. Of participants
 | 150 | 175 | 199 | 104 | 158 | 175 | 100 | 75 | 70 | 75 | 55 | 25 | 1361 |
| 1. **Rural Youth**
 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. No. of course
 | - | 3 |  |  | 3 | 3 | 2 | 3 | 2 |  | 2 | - | 18 |
| 1. No. Of participants
 | - | 65 |  |  | 60 | 80 | 54 | 60 | 50 |  | 49 | - | 418 |
| 1. **Ext. Personnel**
 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. No. of course
 | 1 |  | 3 | 1 | - | 1 | 1 |  | 1 | 1 | - | - | 9 |
| 1. No. Of participants
 | 30 |  | 49 | 14 | - | 10 | 20 |  | 20 | 16 | - | - | 159 |
| **Extension Activities/ programmes** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. No. of activities
 | 22 | 24 | 23 | 27 | 24 | 20 | 26 | 25 | 25 | 23 | 24 | 25 | 288 |
| 1. No. of beneficiaries
 | 1288 | 1200 | 1290 | 1436 | 1330 | 1158 | 1485 | 1424 | 1370 | 1250 | 1380 | 1164 | **15775** |
| **Seeds production (tonnes)** | - | - | - | - | - | - | - | 17 | 12 | - | 11 | - | 40 |
| **Planting materials (Nos. in lakh)** |  |  | 0.5 |  |  |  | 0.15 |  |  |  |  |  | 0.20 |
| **Livestock strains (No. in lakh)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Fingerlings (No. in lakh))** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Bio-agents/ products (tonnes)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Bio-fertilizers/ Vermicompost etc. (in Tonnes)** |  |  |  |  |  | 0.5 |  |  |  |  | 0.3 |  | 0.8 |
| **Soil , Water, Plant, Manures Testing (No. of samples to be tested)** | Soil-Water-Plant-Manures- |  |  |  |  |  |  |  |  |  |  |  | Soil-Water-Plant-Manures- |
| **Soil , Water, Plant, Manures Testing (No. of farmers benefitted)** | Soil-Water-Plant-Manures- |  |  |  |  |  |  |  |  |  |  |  | Soil-Water-Plant-Manures- |
| **Soil , Water, Plant, Manures Testing (No. of villages covered)** | Soil-Water-Plant-Manures- |  |  |  |  |  |  |  |  |  |  |  | Soil-Water-Plant-Manures- |
| **Mobile Agro-Advisory (No. of Messages)** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 60 |
| **Mobile Agro-Advisory (No. of Farmers)** | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 12600 |

