

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
Agricultural Technology Application Research Institute, Zone-III
Umiam, Meghalaya
Format for Annual Action Plan Formulation of KVKs 2020

Name of the KVK/District: Mamit

Present Staff Position in KVK:

| Sl. No. | Name | Gender (M/F) | Category (General/OBC/SC/ST) | Designation | Discipline |
|-------------------|-------------------------|-----------------|---------------------------------|---------------------------|------------------|
| 1. | Dr. Vanlalhruaia Hnamte | M | ST | Senior Scientist & Head | Agro-Forestry |
| 2. | Dr. C. Rinawma | M | ST | Subject Matter Specialist | Animal Science |
| 3. | Dr. Rohit Shukla | M | Gen | Subject Matter Specialist | Horticulture |
| 4. | Vanlalhruaia* | M | ST | Subject Matter Specialist | Plant Protection |
| 5. | Dr. Rebecca Lalmuanpuii | F | ST | Subject Matter Specialist | Agro-forestry |
| 6. | Rualthantluanga Pachuau | M | ST | Subject Matter Specialist | Fisheries |
| 7. | K. Zohmingliani | F | ST | Farm Manager | Agro-forestry |
| 8. | Biakhlupuii Chenkual | M | ST | Programme Assistant | Home Science |
| 9. | C. Ramdinsanga | M | ST | Programme Assistant | IT/Computer |
| 10. | Lalrinchhana Sailo | M | ST | Assistant | - |
| 11. | B.Laldinpuii | F | ST | Stenographer | - |
| 12. | Lalchuaailova | M | ST | Driver | - |
| 13. | Lalchungnunga | M | ST | Driver | - |
| 14. | P.C.Lalthanpuii | F | ST | Supporting staff | - |
| Total : 14 | | | | | |

**On study Leave*

Please furnish discipline-wise information in the given format pertaining to the mandated activities of your KVK targeted to be accomplished during 2017-18

Discipline: Horticulture

Name of the concerned Subject Matter Specialist: Dr. Rohit Shukla

Mobile No: 9436158902

E-mail address: roshuhort@gmail.com

| 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 | Varietal performance of multiple disease resistant tomato hybrid, Arka Abhed (H-397) for higher income Resistant to leaf curl, bacterial wilt, early & late blight | IIHR, Bangalore 2018-19 | A | 0.3 ha | 3 | Lengte, Daldaw k , Darlak | Rabi 2020 | 2 | 1 | 3 | | | | 3 |
| | | Varietal performance of French bean variety Zorin (MZFB-48) for nutritional security & higher production | ICAR RC NEH Mizoram Centre, Kolasib Mizoram 2018-19 | A | 0.3 ha | 3 | Lengte, Daldaw k , Rulpuihl m | Kharif & Rabi 2020 | 2 | 1 | 3 | | | | 3 |
| | Integrated Nutrient Management | Cultivation of garden pea by using organic source of nutrient Variety: <i>Pusa Pragati</i> Spacing :50cm X45 cm Seed rate: 80-100 kg/ha Seed treatment with @20g Rhiizobium culture/kg seeds | ICAR – NOFRI, Tadong , Gangtok Technologies | A | 0.3 ha | 3 | Saithah Rulpuihl m Darlak | Rabi 2020 | 2 | 1 | 3 | | | | 3 |

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|-------------------------|---|---|--|-------------|--------------|----------|---------------------------------|-------------------------|----|-------|---------|---|-------|-------------|--|
| | | Mixed in jaggy solution and dried in shade Manure application: Vermicompost@ 2.5 t/ha Land preparation: Minimum tillage operation. Plant protection : As per package of practise recommended with technology | for organic Manage ment of crops in Northea st India” Publish ed ICAR ATRI, zone VII Umiam , Meghal aya - 793103 2019 | | | | | | | | | | | | |
| | Integrated Weed Management | | | | | | | | | | | | | | |
| | Orchard Rejuvenation | | | | | | | | | | | | | | |
| | Post Harvest Processing/ Value Addition | | | | | | | | | | | | | | |
| | Canopy mgmt. | | | | | | | | | | | | | | |
| | Landscaping | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Mandated activities | Thematic Area | Technology/Crop/Croppi ng 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 Demo nstrati | Varietal evaluation | Popularization of tomato var. Arka Samrat for higher income | IIHR, Bangalore, 2016 | 15 | 5.0 | | Lengte, Daldawk, Darlak Saithah | Rab i20 20 | 12 | 3 | 15 | | | | |

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|--|---|---|------------------------|-----|-----|--|---------------------------------------|------------------------|---|---|----|--|--|--|
| | | Triple Disease Resistant (Leaf curl, bacterial wilt & early blight) | | | | | Rulpuihlum | | | | | | | |
| | Integrated Nutrient Management | Cultivation of okra by using organic source of nutrient Variety: <i>Kashi Kranti</i> Spacing :50cm X45 cm Seed rate: 800g /ha(10g /m ²) Seed treatment with bio- fertilizer slurry for at least 1 hour before sowing of seeds Manure application: Vermi compost 5t/ha with Rock phosphate 375kg/ha Land preparation: Minimum tillage operation. Pest management: As per package of practise recommended with technology | AAU, Jorhat 2015 | 10 | 2.0 | | Lengpui, Lengte, nghalchaw m | Kh arif 202 0 | 8 | 2 | 10 | | | |
| | Integrated Weed Management | | | | | | | | | | | | | |
| | Orchard Rejuvenation | | | | | | | | | | | | | |
| | Post Harvest Processing/ Value Addition | | | | | | | | | | | | | |
| | Canopy mgmt. | | | | | | | | | | | | | |
| | Landscaping | | | | | | | | | | | | | |
| | Mechanization | | | | | | | | | | | | | |
| | Any other (Protected | FLD on protected | Centre for | .10 | 0.2 | | Dialdawk, | 202 | 7 | 3 | 10 | | | |

| | cultivation) | cultivation of round the year vegetable cultivation. <ul style="list-style-type: none">• Cultivation inside Net house & low cost poly house• Crops,-Tomato-Cucumber-French bean, in sequences• Tomato – Arka Samrat (January – April)• Cucumber Local (May – August)• French bean Arka Anoop (September-December) | Protected Cultivation Technology (CPCT) IARI, New Delhi, 2013 | | ha | | W.Serzawl, Lengte , Nghalchawm | 0 Jan - Dec | | | | | | |
|---------------------------------------|-----------------------|---|---|---------------------------|---------------------|---------------|--------------------------------|-------------|-------|---------|---|-------|-------------|---------|
| | | | | | | | | | | | | | | |
| Mandated activities | Target group | Title of the training Programme and No. of Courses in bracket | No. of training progs | Period of the year | Durati on (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.Cultivation of Fruit crops (4) | 1 | January to Decemb er 2020 | 3 | Off | 15 | 10 | 25 | | | | 25 | |
| | | 2.Plant propagation techniques (3) | 1 | | 2 | On | 15 | 10 | 25 | | | | 25 | |
| | | 3.Nursery Management of horticultural crops (5) | 1 | | 3 | Off | 15 | 10 | 25 | | | | 25 | |
| | | 4.Protected cultivation of vegetable crops(6) | 1 | | 5 | On | 15 | 10 | 25 | | | | 25 | |
| | | 5. Good Agricultural practices for cultivation of vegetable crops (4) | 1 | | 3 | Off | 15 | 10 | 25 | | | | 25 | |
| | | | | | | | | | | | | | | |
| | Rural Youth | 1.Organic cultivation of horticultural crops (3) | 1 | January to | 3 | Off | 15 | 10 | 25 | | | | 25 | |

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|--------------------------------------|----------------------------------|---|---|------------------------------------|---|-----|----|----|----|--|--|--|----|--|
| | | 2. Protected cultivation of vegetable crops (6) | 1 | Decemb er 2020 | 5 | On | 15 | 10 | 25 | | | | 25 | |
| | | 3. Nursery Management of Horticulture crops(3) | 1 | | 3 | On | 15 | 10 | 25 | | | | 25 | |
| | Extension Personnel | 1. Organic cultivation of horticultural crops (3) | 1 | January to Decemb er 2020 | 2 | Off | 10 | 5 | 15 | | | | 15 | |
| | | 2. Good Agricultural practices for cultivation of Horticultural crops (4) | 1 | | 3 | On | 10 | 5 | 15 | | | | 15 | |
| | 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 | | | | | | | | | | | | | |
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Discipline: Animal Science

Name of the concerned Subject Matter Specialist: Dr. C. Rinawma

E-mail address: drcramz@gmail.com

Mobile No: +919436140777

| 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 | | | | | | Lengpui | April 2020– June 2021 | 2 | 1 | 3 | | | | 3 |
| | Breed improvement | Assessment of growth and performance of crossbreed (Duroc x Hampshire x Ghungru) pigs under local condition | NRC, Pig, Rani, ICAR, 2010 | Assessment | | 3 | | | | | | | | | |
| | Feeding management | | | | | | | | | | | | | | |
| | Healthcare | | | | | | | | | | | | | | |
| | Housing | | | | | | | | | | | | | | |
| | Processing/ Value addition | | | | | | | | | | | | | | |
| | Fodder production and quality enhancement | | | | | | | | | | | | | | |
| | Pasture management | | | | | | | | | | | | | | |
| | Others (Pl. specify) | Low Cost portable Dummy sow with mating grunt voice system | Division of Livestock Production, ICAR RC for NEH Region, | Assessment | | 3 | Lengpui | April 2020- February, 2021 | 2 | 1 | 3 | | | | 3 |

| | | | Uniam – 793103 2014 | | | | | | | | | | | | |
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| Mandated activities | Thematic Area | Technology/ Livestock enterprise | 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 | | | | | | | | | | | | | | |
| | Breed improvement | | | | | | | | | | | | | | |
| | Feeding management | Popularization on replacing Maize with Bakery Waste on the performance of growing crossbreed pigs | ICAR, NRC on Pig, 2016 | 5 | - | Lengpui | April 2020-Feb 2021 | | 5 | 5 | | | | | 5 |
| | | Supplementing yeast in layer diet during egg production. | Division of Livestock production, ICAR for NEH Region, Umiam, 2006 | 4 | | Lengpui | April 2020 – February 2021 | 2 | 2 | 4 | | | | | 4 |
| | Healthcare | | | | | | | | | | | | | | |
| | Housing | | | | | | | | | | | | | | |
| | Processing/ Value addition | | | | | | | | | | | | | | |
| | Fodder production and quality enhancement | | | | | | | | | | | | | | |

| | Pasture management | | | | | | | | | | | | | |
|---------------------------------------|----------------------------------|---|-----------------------|-------------------------|---------------------|-----------------|-------------------------|----|-------|---------|---|-------|-------------|---------|
| | 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 | Durati on (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 | Deworming and supplements routine in pigs | 7 | April to Decemb er 2020 | 1 | On & off campus | 140 | 70 | 210 | - | - | - | 210 | |
| | Rural Youth | Poultry production | 1 | April to Decemb er 2020 | 1 | On-campus | 15 | 10 | 25 | - | - | - | 25 | |
| | Extension Personnel | Integrated Pig and Fish farming | 7 | April to Decemb er 2020 | 1 | On-campus | 10 | 5 | 15 | - | - | - | 15 | |
| | Civil Society | Climate change affecting our day to day lives | 10 | May – Dec202 0 | 1 | On – Off Campus | 30 | 30 | 60 | - | - | - | 60 | |
| | NGO (including school drop outs) | Climate change: its adaptation and mitigations. | 5 | May – Dec202 0 | 1 | On-campus | 15 | 10 | 25 | - | - | - | 25 | |
| | Others | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Vocational training programmes | Farmer and Farm women | Layer Poultry Management | 10 | May– Dec.202 0 | 3 | Off campus | 50 | 50 | 100 | | | | 100 | |
| | Rural Youth | | | | | | | | | | | | | |
| | Extension Personnel | | | | | | | | | | | | | |
| | Civil Society | | | | | | | | | | | | | |
| | NGO(including | | | | | | | | | | | | | |

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| | school drop outs) | | | | | | | | | | | | | |
| | Others | | | | | | | | | | | | | |

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| Sponsored training programmes | | | | | | | | | | | | | | Sponsoring agency |
| | Farmer and Farm women | IGNOU (DWM and CPF) | 10 | May – Dec.2020 | 20 | On and Off campus | 8 | 2 | 10 | | | | 10 | IGNOU |
| | Rural Youth | | | | | | | | | | | | | |
| | Extension Personnel | | | | | | | | | | | | | |
| | Civil Society | | | | | | | | | | | | | |
| | NGO(including school drop-outs) | | | | | | | | | | | | | |
| | Others (Pl. specify) | | | | | | | | | | | | | |

Discipline: Fishery**Name of the concerned Subject Matter Specialist: Rualthantluanga Pachuau****Mobile No: 9612311668****E-mail Address : peace.pachuau@gmail.com**

| Mandated activities | Thematic Area | Name 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 | Pond management | | | | | | | | | | | | | | |
| | Fish breeding | Introduction to breeding of Ornamental fishes. Species: Gold fish (<i>carassius auratus</i>) Guppy (<i>Poecia raticulata</i>) Angel Fish (<i>Pterophyllum</i> ssp) Technology 1.Procurement of Ornamental Fishes 2. Practicing different breeding and rearing techniques | CIFE, Mumbai.2004 | Assessment | | 3 | Lengpui | January-December, 2020 | 3 | - | 3 | | | | 3 |
| | Feeding management | | | | | | | | | | | | | | |
| | Diseases management | | | | | | | | | | | | | | |
| | Post harvest processing/ Value addition | | | | | | | | | | | | | | |

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|--|-------------|--|--|------------|--|---|-------------------------|------------------------|---|---|---|--|--|--|---|
| | IFS Modules | | | | | | | | | | | | | | |
| | Others | Introduction / Incorporation of Silver barb <i>Puntius gonionotus</i> (bleeker) in feed-based carp polyculture system to increase farm production. Technology <ul style="list-style-type: none">Stocking density 10000 fingerlings /ha at 40:30:30 ratioProcurement of species Introduction of species in indigenous | College of Fisheries, CAU, Lembucherra, 2014 | assessment | | 3 | Lengpui, lengte, Darlak | January-December, 2020 | 2 | 1 | 3 | | | | 3 |
| | | | | | | | | | | | | | | | |

| Mandated activities | Thematic Area | Name of Technology | Source and Year of release | Demon (No.) | 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 | Pond management | | | | | | | | | | | | | |
| | Fish breeding | | | | | | | | | | | | | |
| | Feeding management | Food and feeding management of Major carps (IMC & EMC) to increase fish production. i. Survey and procurement of locally available feed | CAU, Lembucherra, 2013 | 20 | | Lengpui, Lengte, Darlak | January-December, 2020 | 7 | 3 | 10 | | | | 10 |

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| | | ii. materials Formulation of feeds Demonstrating different types of feeding practice | | | | | | | | | | | | |
| | Diseases management | | | | | | | | | | | | | |
| | Post harvest processing/ Value addition | | | | | | | | | | | | | |
| | IFS | Demonstration on Fisheries based IFS of Fisheries, Animal Husbandry and Horticulture | ICAR, kolasib , 2010 | 2 | - | Lengpui, Darlak | 2020 | 1 | 1 | 2 | | | | 2 |
| | Others (Pl. specify) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Mandated activities | Target group | Title of the training Programme and No. of Courses in bracket | No. of training programme | 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 | Pre & post stocking management of fish culture ponds | 2 | January-Dec, 2020 | 3 | On | 30 | 14 | 44 | | | | 44 | |
| | | Composite fish culture | 2 | January-Dec, 2020 | 2 | On | 25 | 14 | 39 | | | | 39 | |
| | | paddy cum fish culture | 1 | January-Dec, | 2 | On | 30 | 14 | 44 | | | | 44 | |

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|--------------------------------|---------------------------------|--------------------------|---|------------------------|---|----------|----|----|----|--|--|--|----|--|
| | | | | 2020 | | | | | | | | | | |
| | | integrated fish farming | 2 | January-Dec, 2020 | 3 | On & Off | 25 | 14 | 39 | | | | 39 | |
| | | Water quality management | 2 | January-Dec, 2020 | 3 | On & Off | 30 | 14 | 44 | | | | 44 | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | Rural Youth | Ornamental fish breeding | 1 | January-Dec, 2020 | 3 | On | 15 | 10 | 25 | | | | 25 | |
| | | | | | | | | | | | | | | |
| | Extension Personnel | Water Quality management | 1 | January-December, 2020 | 3 | On | 7 | 3 | 10 | | | | 10 | |
| | Civil Society | | | | | | | | | | | | | |
| | NGO(including school drop-outs) | | | | | | | | | | | | | |
| | Others | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Vocational training programmes | Farmer and Farm women | | | | | | | | | | | | | |
| | Rural Youth | | | | | | | | | | | | | |
| | Extension Personnel | | | | | | | | | | | | | |
| | Civil Society | | | | | | | | | | | | | |

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| | 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: Agro-forestry

Name of the concerned Subject Matter Specialist: Dr. Rebecca Lalmuanpuii

Mobile No: 9612319368

E-mail address: kvkmamit@gmail.com

| Mandated activities | Thematic Area | Name of Technology | Source and Year of release | Assess/Refine | Area (in ha.) | No. of trial | Location | Period and Duration | Number of beneficiaries/ trials | | | | | | |
|---------------------|--|--|---|---------------|---------------|--------------|--------------------------|-------------------------|---------------------------------|---|-------|---------|---|-------|-------------|
| | | | | | | | | | SC/ST | | | General | | | Grand Total |
| | | | | | | | | | M | F | Total | M | F | Total | |
| On farm testing | Introduction of MPTs in existing Systems | | | | | | | | | | | | | | |
| | Introduction of MPTs in newly Developed Systems | | | | | | | | | | | | | | |
| | Introduction of high value crops/ livestock in different systems | | | | | | | | | | | | | | |
| | Reclamation of degraded area with MPTs etc. | | | | | | | | | | | | | | |
| | Introduction of bio-fuel species/ tress | | | | | | | | | | | | | | |
| | Canopy Management (Pruning/ Topping) | | | | | | | | | | | | | | |
| | Secondary forestry diversification (Bamboo/ Broomgrass etc.) | Introduction of Scientific cultivation of Bamboo species in an abandoned jhum land for | KFRI, Peechi, Thiruvananthapuram, Uravu, Wynad, IWST, Bangalore, 2014 | A | 1.5 | 3 | Hmunpui, Daldawk, Lengte | June, 2020 – July, 2021 | 03 | 0 | 03 | - | - | - | 03 |

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|--|--|--|--|---|-----|---|--------------------------|----------------------------|----|---|----|---|---|---|----|
| | | enhancing economic production and afforestation of abandoned jhum land. (<i>Dendrocalamus brandisii</i> & <i>Dendrocalamus hamiltonii</i> as Local check) <i>Dendrocalamus longispatus</i> & <i>D. hamiltonii</i> - On- Going | | | | | | | | | | | | | |
| | Any other (Raised & Sunken bed Technology) | Introduction of Raised & Sunken bed technology and Relay cropping technology for crop diversification and productivity enhancement | Division of Crop Production (Agronomy), ICAR Research Complex for NEH Region, Barapani, Umiam, Meghalaya, 2012 | A | 1.5 | 3 | Lengpui, Daldawk, Darlak | May, 2020 – February, 2021 | 03 | 0 | 03 | - | - | - | 03 |

| Mandated activities | Thematic Area | Name of Technology/ Crop/Cropping system | Source and Year of release | Demon (No.) | 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 | Introduction of MPTs in existing Systems | | | | | | | | | | | | | |
| | Introduction of MPTs in newly Developed Systems | | | | | | | | | | | | | |
| | Introduction of high value crops/ livestock in different systems | Intercropping of Arecanut with Mizo | Assam Agricultural | 10 | 2.0 | Daldawk, W. Serzawl, Lengte, | May, 2020 – April, 2021 | 07 | 03 | 10 | - | - | - | 10 |

| | | | | | | | | | | | | | | |
|--|--|---------------------------------------|--|----|-----|---|---------------------|----|----|----|---|---|---|----|
| | | Bird's Eye Chilli on hill slope | Universit y, jorhat, Assam, 2015 | | | Nghalchawm, Darlak | | | | | | | | |
| | Reclamation of degraded area with MPTs etc. | | | | | | | | | | | | | |
| | Introduction of bio-fuel species/ tress | | | | | | | | | | | | | |
| | Canopy Management (Pruning/ Topping) | Canopy Management in Tree Bean | ICAR- NEH Region, Kolasib 2013 | 10 | 2.0 | Dialdawk, Lengpui, Lengte, Nghalchawm, | February, 2020 - | 08 | 02 | 10 | - | - | - | 10 |
| | Secondary forestry diversification (Bamboo/ Broomgrass etc.) | | | | | | | | | | | | | |
| | Any other | | | | | | | | | | | | | |

| Mandated activities | Target group | Title of the training Programme and No. of Courses in bracket | No. of traini g | Period of the year | Duratio n (in days) | On/Off campus | Number of beneficiaries | | | | | | | Remarks |
|---------------------------------------|-----------------------|--|-----------------|------------------------------|---------------------|---------------|-------------------------|----|-----|---------|---|-------|-------------|--|
| | | | | | | | SC/ST | | | General | | | Grand Total | |
| | | | | | | | M | F | Tot | M | F | Total | | |
| On and Off campus training programmes | Farmer and Farm women | 1. Training on Cultivation and management of Bamboo (03) | 03 | January 2020 – December 2020 | 03 | On & Off | 15 | 05 | 25 | - | - | - | 25 | The titles of the training are tentative and subject to alteration on the convenient of the targeted group |
| | | 2. Training on Canopy management with special reference to Tree Bean (03) | 03 | | 03 | On & Off | 18 | 07 | 25 | - | - | - | 25 | |
| | | 3. Training on the importance of Raised & Sunken bed technology & Relay cropping | 02 | 02 | On & off | 17 | 08 | 25 | - | - | - | 25 | | |
| | | | 02 | 02 | On & Off | 15 | 10 | 25 | - | - | - | 25 | | |

| | | | | | | | | | | | | | | |
|--|-------------|--|----------------------------------|--------------------------------|----------------------------------|--|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------------|--|
| | | system (02) 4. Training on Intercropping with special reference to Arecanut & Mizo Bird's eye chilli (2) 5. Training on The importance and Role of Trees on Hilly slope (02) 6. Training on Safety usage and handling on Agriculture chemicals (03) | 02 03 | | 02 03 | On & Off On & Off | 15 15 | 10 10 | 25 25 | - - | - - | - - | 25 25 | |
| | Rural Youth | 1. Training on Safety usage and handling on Agriculture chemicals (01) 2. Training on Cultivation of Mushroom (02) 3. Training on the importance and Role of Trees on Hilly slope for afforestation (02) 4. Agroforestry: An alternative to jhum cultivation (02) 5. Different Agroforestry system (02) 6. ICAR Three tier system for | 01 02 02 02 02 02 | January, 2020 – December, 2020 | 02 02 02 02 02 02 | On On & Off On & off On & Off On & Off On & Off | 05 10 10 12 12 10 | 05 10 05 11 10 10 | 10 20 15 23 22 20 | - - - - - - | - - - - - - | - - - - - - | 10 20 15 23 22 20 | |

| | | | | | | | | | | | | | | |
|--------------------------------|---------------------------------|---|----|-----------------|----|----------|----|----|----|---|---|---|----|----------------------------|
| | | 7. permanent farming (02) Integrated farming system (02) | 02 | | 02 | On & Off | 15 | 15 | 30 | - | - | - | 30 | |
| | Extn. Personnel | 1. Training on Mushroom cultivation (01) | 01 | October, 2020 | 01 | On | 10 | 05 | 15 | - | - | - | 15 | |
| | | 2. Training on Handling of Agri. Chemicals (01) | 01 | June, 2020 | 01 | Off | 10 | 05 | 15 | - | - | - | 15 | |
| | Civil Society | | | | | | | | | | | | | |
| | NGO(including school drop-outs) | | | | | | | | | | | | | |
| | Others (Pl. specify) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Vocational training programmes | Farmer and Farm women | 1. Training on Cultivation of Mushroom | 01 | September, 2020 | 07 | On | 15 | 10 | 25 | - | - | - | 25 | |
| | Rural Youth | | | | | | | | | | | | | |
| | Extn. Personnel | | | | | | | | | | | | | |
| | Civil Society | | | | | | | | | | | | | |
| | NGO(school drop-outs) | | | | | | | | | | | | | |
| | Others (Pl. specify) | | | | | | | | | | | | | |
| Sponsored training programmes | | | | | | | | | | | | | | Sponsoring agency |
| | Farmer and Farm women | | | | | | | | | | | | | |
| | Rural Youth | 1. Training on Vermicomposting (01) | 01 | May, 2020 | 01 | On | 20 | 15 | 35 | - | - | - | 35 | DAO, Mamit district, Mamit |

| | | | | | | | | | | | | | | |
|--|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | Extension Personnel | | | | | | | | | | | | | |
| | Civil Society | | | | | | | | | | | | | |
| | NGO | | | | | | | | | | | | | |

EXTENSION ACTIVITIES 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 | 40 | Jan- Dec | 40 | 125 | 70 | 195 | - | - | - | 125 | 70 |
| Advisory services/ telephone talk | 60 | Jan- Dec | 60 | 1500 | 1000 | 2500 | - | - | - | 1500 | 1000 |
| Training Manual | 4 | Jan- Dec | - | 130 | 70 | 200 | - | - | - | 130 | 70 |
| Celebration of Important days | 6 | Jan- Dec | 6 | 125 | 75 | 200 | - | - | - | 125 | 75 |
| Exhibition | 1 | October | 1 | 120 | 100 | 220 | - | - | - | 120 | 100 |
| Exposure visit | 2 | Jan- Dec | 3 | 30 | 10 | 40 | - | - | - | 30 | 10 |
| Extension literature (Leaflet/ folders/ Pamphlets) | 8 | Jan- Dec | - | 2500 | 1500 | 4000 | - | - | - | 2500 | 1500 |
| Extension / technical bulletin | 2 | Jan- Dec | - | 130 | 70 | 200 | - | - | - | 130 | 70 |
| News letter | - | - | - | - | - | - | - | - | - | - | - |
| News paper coverage | 5 | Jan- Dec | - | - | - | - | - | - | - | - | - |
| Research publications | 2 | Jan- Dec | - | - | - | - | - | - | - | - | - |
| Success stories/ Case studies | 4 | Jan- Dec | - | - | - | - | - | - | - | - | - |
| Farm Science Clubs' Convenors meet | - | - | - | - | - | - | - | - | - | - | - |
| Farmers' Seminar | 2 | Jan- Dec | - | 60 | 40 | 100 | - | - | - | 60 | 40 |
| Farmers' visit to KVKs | 500 | Jan- Dec | - | 300 | 200 | 500 | | | | 300 | 200 |
| Ex-trainees' meet | - | - | - | - | - | - | - | - | - | - | - |
| Field day | 4 | Jan- Dec | 4 | 80 | 80 | 160 | - | - | - | 80 | 80 |

| | | | | | | | | | | | |
|---|------|-----------|-----|-----|-----|------|---|---|---|-----|-----|
| Film show | 15 | Jan- Dec | 15 | 220 | 160 | 380 | - | - | - | 220 | 160 |
| Radio Talk | 4 | Jan- Dec | - | - | - | - | - | - | - | | |
| TV talk | 2 | Jan- Dec | - | - | - | - | - | - | - | | |
| Kisan Gosthi | 1 | Jan- Dec. | 1 | 20 | 10 | 30 | - | - | - | 20 | 10 |
| Group Meeting | 10 | Jan- Dec. | 10 | 150 | 100 | 250 | - | - | - | 150 | 100 |
| Kisan Mela | 1 | Jan- Dec. | 1 | 200 | 100 | 300 | - | - | - | 200 | 100 |
| Soil Health Camps | 1 | Jan- Dec. | 1 | 70 | 30 | 100 | - | - | - | 70 | 30 |
| Animal Health Camps | 2 | Jan- Dec. | 2 | 140 | 60 | 200 | - | - | - | 140 | 60 |
| Awareness camp Mobile Agro-Advisory (Messages/ Beneficiaries) | 1500 | Jan- Dec. | - | 800 | 700 | 1500 | - | - | - | 800 | 700 |
| Method demonstration | 10 | Jan- Dec. | 10 | 90 | 60 | 150 | - | - | - | 90 | 60 |
| Scientists' visit to farmers' field | 90 | Jan- Dec. | 90 | 120 | 80 | 200 | - | - | - | 120 | 80 |
| Workshop/ Seminar | 2 | Jan- Dec. | 2 | - | - | - | - | - | - | - | - |
| Soil Testing | 250 | Jan- Dec | 100 | 200 | 50 | 250 | - | - | - | 200 | 50 |
| Water Testing | 50 | Jan- Dec | 20 | 40 | 10 | 50 | - | - | - | 40 | 10 |
| Plant Testing | - | - | - | - | - | - | - | - | - | - | - |
| Manure Testing | - | - | - | - | - | - | - | - | - | - | - |
| Any other (Pl. Specify) | - | - | - | - | - | - | - | - | - | - | - |

ACTIVITY CALENDAR OF THE KVK (MONTH-WISE TARGET TO BE COMPLETED) FOR THE YEAR 2020
KVK: Mamit

| Activity/ Month | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Total |
|--|-----|------|------|------|-------|-----|------|------|------|-----|------|-----|-----------------|
| OFT (No.s.) | | | | | | | | | | | | | |
| i. Number of Technologies | 5 | 7 | 7 | 7 | 7 | 7 | 10 | 10 | 10 | 10 | 10 | 5 | 11 |
| i. Number of Trials | 15 | 21 | 21 | 21 | 21 | 21 | 30 | 30 | 30 | 30 | 30 | 15 | 33 |
| ii. Area (ha)/ items (no.) | 0.3 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 1.5 | 3.3 |
| FLD (Nos.) | | | | | | | | | | | | | |
| i. Number | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 5 | 9 |
| ii. Area(ha)/ items (no.) | 0.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 7.2 | 7.2 | 7.2 | 7.2 | 9.2 | 2.2 | 11.6(89) |
| Training programme | | | | | | | | | | | | | |
| Farmer | | | | | | | | | | | | | |
| i. No. of course | 1 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 26 |
| ii. No. of participants | 25 | 80 | 80 | 80 | 80 | 75 | 50 | 50 | 50 | 50 | 25 | 25 | 670 |
| Rural Youth | | | | | | | | | | | | | |
| i. No. of course | 2 | 1 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | | | 23 |
| ii. No. Of participants | 40 | 25 | 55 | 55 | 55 | 55 | 40 | 40 | 40 | 50 | | | 455 |
| Ext. Personnel | | | | | | | | | | | | | |
| i. No. of course | | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | 8 |
| ii. No. Of participants | | | 15 | 10 | 10 | 10 | 15 | 10 | | 15 | 15 | | 100 |
| Extension Activities/ programmes | | | | | | | | | | | | | |
| i. No. of activities | 217 | 221 | 140 | 256 | 242 | 172 | 248 | 275 | 182 | 154 | 240 | 258 | 2605 |
| ii. No. of beneficiaries | 960 | 1129 | 1003 | 840 | 964 | 960 | 1400 | 1200 | 1110 | 789 | 1102 | 942 | 12399 |
| Seeds production (tonnes) | | | | | | | 14.2 | | | | 2.01 | | 16.21 |
| Planting materials (Nos. in Lakh) | | | | 0.03 | 0.012 | | 0.43 | 0.02 | | | | | 0.492 |
| Livestock strains (No. in lakh) | | | | | 0.002 | | | | | | | | 0.002 |
| Fingerlings (No. in lakh) | | | | 0.05 | | | | | | | | | 0.05 |

| | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Bio-agents/ products (tonnes) | | | | | | | | | | | | | |
| Bio-fertilizers/ Vermicompost etc. (in Tonnes) | | | 1 | | | | 1 | | | | 0.5 | | 2.5 |
| Soil , Water, Plant, Manures Testing (No. of samples to be tested) | | | 20 | 20 | 20 | 50 | 50 | 50 | 50 | 50 | 50 | | 360 |
| Soil , Water, Plant, Manures Testing (No. of farmers benefitted) | | | | | | | | | | | | | |
| Soil , Water, Plant, Manures Testing (No. of villages covered) | | | 20 | 20 | 20 | 50 | 50 | 50 | 50 | 50 | 50 | | 360 |
| Mobile Agro-Advisory (No. of Messages) | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 60 | 58 | 58 | 58 | 698 |
| Mobile Agro-Advisory (No. of Farmers) | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 5400 |