**INDIAN COUNCIL OF AGRICULTURAL RESEARCH**
**Agricultural Technology Application Research Institute, Zone-III**
**Umiam, Meghalaya**
***Format for Annual Action Plan Formulation of KVKs 2021-22***

**Name of the KVK/District: KVK, Jaintia Hills**

**Present Staff Position in KVK:**

| Sl. No. | Name | Gender (M/F) | Category (General/OBC/SC/ST) | Designation | Discipline |
|---|---|---|---|---|---|
| 1. | Dr. Dodo Pasweth | M | ST | Senior Scientist & Head | Seed Science & Technology |
| 2. | Smti. B Kharbamon | F | ST | SMS | Horticulture |
| 3. | Smti. R Lyngdoh | F | ST | SMS | Agronomy |
| 4. | Smti.J.K.Marak | F | ST | SMS | Fisheries |
| 5. | Dr Rimiki Suchiang | M | ST | SMS | AH& Vet. |
| 6. | Dr Alethea Dympep | F | ST | SMS | Agril.Extension |
| 7. | Km. D.Lyngdoh | F | ST | Programme Assistant | Agriculture |
| 8. | Smti. S. Pohthmi | F | ST | Programme Assistant | Computer |
| 9. | Shri. M Kharbuli | M | ST | Farm Manager | Agriculture |
| 10. | Shri. Teibok Kharsyiemlieh | M | ST | Accountant / Superintendent | M.Com |
| 11. | SmtiWanbhahki Phawa | F | ST | Stenographer | Class XII |
| 12. | Shri.H.Nangtein | M | ST | Driver | Class XII |
| 13. | Shri. K Passah | M | ST | Driver | Class VIII |
| 14. | Shri. Urgentson Sukhlain | M | ST | Supporting staff | Class XII |
| 15. | Km.Ioowanlin Shylla | F | ST | Supporting staff | Class X |
| **Total : 15** | | | | | |

***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:Agronomy**

**Name of the concerned Subject Matter Specialist:** Smt.Risakaru Lyngdoh **Mobile No:** 8837325883 **E-mail address:** rlyngdoh12@gmail.com

| Mandated activities | Thematic Area | Details of Technology | Source and Year of release | Assess/Refine | Area (in Ha) | No. of trials | Location | Period and Duration | Number of beneficiaries | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | SC/ST | | | General | | | Grand Total |
| | | | | | | | | | M | F | Total | M | F | Total | |
| **On farm testing** | Varietal evaluation | **Performance evaluation of Potato varieties (*Kufri himalini, Kufri girdhari))***<br><br>**$T0_1$-** *Kufri himalini*<br>**$T0_2$-** *Kufri girdhari*<br><br>1. Seed rate: 25q /ha<br>2. Tuber treatment with trichoderma paste @ 10g/kg seeds<br>3. Spacing: R-R 60 cm, P-P 25cm ; Bund to bund spacing 90cm<br>4. FYM@12 tons/ ha<br>5. Sowing time : February<br>6. Harvesting time: May –June<br>7. Soldier @ 100g/50kg FYM for soil borne pest<br><br>**Farmer's practice**- Kufri jyoti | CPRS , Upper Shillong (2011) | 5 | 0.2 | 5 | Larnai, Niawkmai,Mulum, Wahiajer, Lumkhudung | Feb-May (4months) | 2 | 3 | 5 | - | - | - | 5 |

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| | Varietal evaluation | **Varietal Performance of fingermillets (Var. Mandua -348and Mandua -352)**<br><br>1. Seed rate: 10 kg /ha<br>2. Sowing time: June<br>3. Spacing: 25 X15cm<br>4. Seed treatment with *azatobacter* and PSB @200gm each /10 kg seeds<br>5. Duration 95-100 days<br><br>**Farmer's practice**- Local variety | ICAR-VPKAS, Almora (2012 ) | 10 | 1 | 10 | Khanduli, Samanong | May-Nov (7 months) | 2 | 8 | 10 | - | - | - | 10 |

| Mandated activities | Thematic Area | Name of Technology demonstrated | Source and Year of release | Demon (No.) | Area (in Ha) | No.of demos | Location | Period and Duration | Number of beneficiaries | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | SC/ST | | | General | | | Grand Total |
| | | | | | | | | | M | F | Total | M | F | Total | |
| **Front Line Demonstration** | On and Off farm waste management | **Popularisation of on farm waste mangement through Vermicomposting method** | ICAR RC for NEHR, Umiam (2018) | 5 | 192 sq.ft/unit | 5 | Mulum, Larnai, Sohmynting, Moodymmai, Mukhla | July-Dec (6months) | 5 | - | 5 | - | - | - | 5 |
| | Integrated Weed Management | | | | | | | | | | | | | | |
| | Integrated Nutrient Management | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Integrated Water Management | | | | | | | | | | | | | | |
| | Tillage Management/ Farm Machinery | | | | | | | | | | | | | | |
| | Integrated Farming System/ Integrated Crop Management | | | | | | | | | | | | | | |
| | 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 | | | | | | Grand Total | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | SC/ST | | | General | | | | |
| | | | | | | | M | F | Total | M | F | Total | | |
| **On and Off campus training programmes** | Farmer and Farm women | Cropping System (1) | 8 | Jan-Dec | 4 | Off | 10 | 5 | 15 | - | - | - | 15 | |
| | | Biofertilizers and their uses (1) | | Jan-Dec | 4 | Off | 10 | 5 | 15 | - | - | - | 15 | |
| | | Soil Testing and Soil sampling (2) | | Jan-Dec | 4 | Off | 10 | 5 | 15 | - | - | - | 15 | |
| | | Integrated Farming System (2) | | Jan-Dec | 4 | Off | 10 | 5 | 15 | - | - | - | 15 | |
| | | Critical period of weed management (2) | | Jan-Dec | 4 | Off | 10 | 5 | 15 | - | - | - | 15 | |
| | | Millets and their advantages (2) | | Jan-Dec | 4 | Off | 10 | 5 | 15 | - | - | - | 15 | |
| | | Vermicomposting (1) | | Jan-Dec | 4 | Off | 10 | 5 | 15 | - | - | - | 15 | |

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| | | Berkeley composting (1) | | Jan-Dec | 4 | Off | 10 | 5 | 15 | - | - | - | 15 | |
| | Rural Youth | Vermicomposting (3) | 2 | Sept-Oct | 2 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | | Berkeley composting (3) | | Sept-Oct | 2 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | Extension Personnel | On and Off farm waste management ( 2) | 1 | Sept-Oct | 4 | On | 15 | 15 | 30 | - | - | - | 30 | |
| | | | | | | | | | | | | | | |
| **Vocational training programmes** | Rural Youth | Value addition in cereal (4) | 1 | Sept-Oct | 4 | On | 15 | 15 | 30 | - | - | - | 30 | |
| **Sponsored training programmes** | Farmer and Farm women | | | | | | | | | | | | | |
| | Rural Youth | | | | | | | | | | | | | |
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**Discipline:Horticulture**

**Name of the concerned Subject Matter Specialist:**Smt. Banylla Kharbamon **Mobile No:**9862802309 **E-mail address:** banyllakharbamon@gmail.com

| Mandated activities | Thematic Area | Details of Technology | Source and Year of release | Assess/Refine | Area (in ha.) | No.of trials | Location | Period and Duration | Number of beneficiaries/ trials | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | SC/ST | | | General | | | Grand Total |
| | | | | | | | | | M | F | Tot | M | F | Tot | |
| **On farm testing** | Production technology | **Single bud sprout planting technique of ginger**<br>1. One month before planting (March), the rhizome is cut into single bud piece weighing 4-6g<br>2. Treat single bud sprouts with *Trichoderma*<br>3. Plant the single bud sprouts in pro trays<br>4. Maintain the pro trays in shade net<br>5. Seedlings will be ready for transplanting after 30-40 days<br>**Farmers practice**<br>Large size planting materials | Indian Institute of Spices Research,Kerala (2014) | 5 | 0.5 | 5 | Mulum,Motyrchiah, Mookynden g,Ialong | Apr-Dec (9 months) | 4 | 1 | 5 | - | - | - | 5 |

| Mandated activities | Thematic Area | Name of Technology demonstarted | Source and Year of release | Crop/ cropping system | Area (in ha.) | No.of demos | Location | Period and Duration | Number of beneficiaries/ demon. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | SC/ST | | | General | | | Grand Total |
| | | | | | | | | | M | F | Tot | M | F | Tot | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Front Line Demonstration** | Production technology | **Popularization of Double row planting system of pineapple (var. Kew)** | ICAR NEHR, Umiam (2008) | Pineapple | 2 | 5 | Tuber shohshrieh, Kmaishnong | (Jan-Dec 12 months) | 5 | - | 5 | - | - | - | 5 |
| | Varietal evaluation | **Varietal performance of Guava varieties(*Megha Supreme, Megha Magenta & Megha Wonder)*** | ICAR NEHR, Umiam, 2010 | Guava | 2 | 5 | Umladang,Namdong,Sohmynting, Mulum | Aug-March (8 months) | 3 | 2 | 5 | - | - | - | 5 |
| | Varietal evaluation | **Varietal performance of low chilling peach varieties**<br><br>Peach var. *Partap* and var. *Flordasun* | ICAR NEHR, Umiam, 2010 | Peach | 2 | 5 | Lumkhudung, Shangpung, Mookyndeng | Aug-March (8 months) | 3 | 2 | 5 | - | - | - | 5 |

| **Mandated activities** | **Target group** | **Title of the training Programme and No. of Courses** | **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 | Orchard management (4) | 1 | Jan-Dec | 4 | Off | 20 | 20 | 40 | - | - | - | 40 | |
| | | Package of practices of ginger | 1 | Jan- | 4 | Off | 30 | 30 | 60 | - | - | - | 60 | |

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| | | cultivation (4) | | Dec | | | | | | | | | | |
| | | Nutritional gardening (4) | 1 | Jan-Dec | 4 | Off | 25 | 25 | 50 | - | - | - | 50 | |
| | Rural Youth | Nursery management of horticultural crops (4) | 1 | Jan-Dec | 4 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | Extension Personnel | Pre and post harvest management of horticultural crops (2) | 1 | Oct-Feb | 4 | On | 15 | 15 | 30 | - | - | - | 30 | |
| | | | | | | | | | | | | | | |
| **Vocational training programmes** | Farmer and Farm women | | | | | | | | | | | | | |
| | Rural Youth | Value addition of horticultural crops (10) | 1 | Jan-Dec | 5 | On | 15 | 15 | 30 | - | - | - | 30 | |
| | Extension Personnel | | | | | | | | | | | | | |
| | Civil Society | | | | | | | | | | | | | |
| | NGO | | | | | | | | | | | | | |
| **Sponsored Training Programmes** | | | | | | | | | | | | | | **Sponsoring agency** |
| | Farmer and Farm women | Organic grower (15) | 1 | - | 21days | Off | 10 | 15 | 25 | - | - | - | 25 | ASCI (Proposed) |
| | Rural Youth | Nursery Management | 1 | 20th Jan,20 | 7 days | Off | 10 | 9 | 19 | - | - | - | 19 | STRY, MANAGE |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | (10) | | 21-27th,2021 | | | | | | | | | | (Completed) |
| | Extension Personnel | | | | | | | | | | | | | |
| | NGO(including school drop-outs) | | | | | | | | | | | | | |
| | Others (Pl. specify) | | | | | | | | | | | | | |

**Discipline:Animal Science**

**Name of the concerned Subject Matter Specialist:** Dr Rimiki Suchiang **Mobile No:** 7005033933 **E-mail address:** rimikisuchiang2013@gmail.com

| Mandated activities | Thematic Area | Details of Technology | Source and Year of release | Assess/ Refine | Area (in ha.) | No.of trials | Location | Period and Duration | Number of beneficiaries/ trials | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | SC/ST | | | General | | | Grand Total |
| | | | | | | | | | M | F | Total | M | F | Total | |
| **On farm testing** | Breed Introduction | **Introduction of "Lumsniang" Upgraded pig variety in Jaintia Hills district**<br>a) Better adaptability in hill ecosystem<br>b) Climatic resilient | Division of Livestock Production, ICAR RC for NEH, Umiam, 2017 | 5 | 5 units | 5 | Umladang, Niawkmai, Shangpung, Amlarem, Pamrakmai | June,2021-June,2022 | 3 | 2 | 5 | - | - | - | 5 |

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| | | traits including the body physiology suitable to hill ecosystem<br>c) Promising growth rate and feed conversion efficiency<br>d) Suitable and well adapted to low input tribal production systems<br>e) Good mothering ability | | | | | | | | | | | | | |

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| | | with higher litter size at the time of birth and weaning<br>f) Higher litter weight at birth as well as weaning<br>g) Good body condition of sow remain excellent up to 6th farrowing<br>h) Excellent carcass quality and consumer prefere | | | | | | | | | | | | | |

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| | | nce in the region<br>i) Better disease resistance capacity | | | | | | | | | | | | | |
| | Improved housing system | **Low cost climate resilient environment-affinitive pig pen model (Refinement)**<br><br>**T 1**: Innovative integrated low-cost pigpen was designed and developed with locally available natural resources for high rainfall mid and high altitude temperate region in the context of climate variability. The | ICAR RC for NEH, Umiam, 2013 | 5 (Refined) | 5 units | 5 | Niawkmai, Latyrke,Wahiajier, Mootyrshiah, Nongkhroh | Oct-March (6 months) | 3 | 2 | 5 | - | - | - | 5 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | pig housing model was evaluated and compared with conventional concrete floor pig housing in term of micro-environment, physiological, adaption, performance, water use efficiency, animal welfare and behavior. The depth of the saw dust is kept at a height of 1 foot.<br><br>**T 0**: **Farmer's practice:** No management practices | | | | | | | | | | | | |
| | Housing | | | | | | | | | | | | | | |
| | Processing/ Value addition | | | | | | | | | | | | | | |
| | Fodder production and | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | quality enhancement | | | | | | | | | | | | | | | |
| | Pasture management | | | | | | | | | | | | | | | |
| | Others | | | | | | | | | | | | | | | |

| Mandated activities | Thematic Area | Name of Technology demonstrated | Source and Year of release | Livestock enterprise | Area (in ha.) | No.of demos. | Location | Period and Duration | Number of beneficiaries/ demon. | | | | | | Grand Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | SC/ST | | | General | | | |
| | | | | | | | | | M | F | Total | M | F | Total | |
| **Front Line Demonstration** | Improved housing system | **Innovative Egg Laying Cabin** | Genesis, ATARI | Poultry | 5 units | 5 | Sohmynting, Lad Mukhla, Rymbai, Shangpung, Lumkhudung | Feb,2021-Feb,2022 (12 months) | 4 | 1 | 5 | - | - | - | 5 |
| | Fodder production and quality enhancement | **Popularization of Fodder Grass (Guinea & Congo signal)** | IGFRI, Jhansi UP | Dairy | 6 units | 6 | Rymbai,NamdongA, Moobakhon,Mynso,Mulieh,Pynthorlangtein, Mustem,Mynsngat,Shangpung,Tongseng,Sohphoh,Saitsama,NamdongB,Sehlama,Raliang | June-Dec (7months) | 4 | 2 | 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 | | | | | | Grand Total | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | SC/ST | | | General | | | | |
| | | | | | | | M | F | Total | M | F | Total | | |

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| **On and Off campus training programmes** | Farmer and Farm women | Poultry Farming (4) | 1 | Jan-Dec | 4 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | | Piggery Farming (4) | 1 | Jan-Dec | 4 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | | Dairy Farming (4) | 1 | Jan-Dec | 4 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | | Integrated Farming System (4) | 1 | Jan-Dec | 4 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | Rural Youth | Poultry Farming (4) | 1 | Jan-Dec | 4 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | | Piggery Farming (4) | 1 | Jan-Dec | 4 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | | Duckery Farming(4) | 1 | Jan-Dec | 4 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | Extension Personnel | Future and Prospects of Animal Husbandry Sector in Meghalaya (4) | 1 | Oct-Feb | 4 | On | 15 | 15 | 30 | - | - | - | 30 | |
| | | Organic Livestock Production (4) | 1 | Oct-Feb | 4 | On | 15 | 15 | 30 | - | - | - | 30 | |
| | | | | | | | | | | | | | | | |
| **Vocational training** | Farmer and Farm women | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **programmes** | Rural Youth | Value addition of pork and chicken (4) | 1 | Jan-Dec | 4 | On | 15 | 15 | 30 | - | - | - | 30 | |
| | Extension Personnel | | | | | | | | | | | | | |
| | Civil Society | | | | | | | | | | | | | |
| | NGO(including school drop-outs) | | | | | | | | | | | | | |
| | Others (Pl. specify) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| **Sponsored training programmes** | | | | | | | | | | | | | | **Sponsoring agency** |
| | Farmer and Farm women | Small Poultry Grower (20) | 1 | 22nd Feb-22nd March,2021 | 29 days | Off | - | 25 | 25 | - | - | - | 25 | ASCI (Completed) |
| | Rural Youth | Poultry rearing and management (6) | 1 | 20th Jan,2021-28th Jan,2021 | 9 days | Off | 7 | 9 | 16 | - | - | - | 16 | STRY, MANAGE (Completed) |
| | | | | | | | | | | | | | | |

**Discipline:** **Fisheries**

**Name of the concerned Subject Matter Specialist:** Smt.Jeseama Marak **Mobile No:**730837635 **E-mail Address :**konkaljesmarak@gmail.com

| Mandated activities | Thematic Area | Details of Technology | Source and Year of release | Assess/ Refine | Area (in ha) | No. of trials | Location | Period and Duration | Number of beneficiaries | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | SC/ST | | | General | | | Grand Total |
| | | | | | | | | | M | F | Total | M | F | Total | |
| **On farm testing** | IFS Modules<br><br>(Muti-displicinary) | **Integrated fish-cum-poultry-cum-horticulture farming**<br>**$T0_1$-** Fish<br>**$T0_2$-** Fish+Livestock<br>**$T0_3$-** Fish+Livestock+Horticulture<br><br>**(a) Fishery component**<br>Stocking density: 10000 nos./ha<br>Stocking ratio: **Catla (2.5): Rohu (2): Mrigal (1): Silver carp (1.5): Grass carp (1): Amur Common carp(2)**<br>Application of lime@400kg/ha<br><br>**(b) Livestock component**<br>Poultry:<br>50-60 nos. of Vanaraja birds | ICAR-U mia m ,2013 | 3 | 1 | 3 | Nongryngkoh, Wahiajer, Namdong, | May-Feb (10 months) | 3 | - | 3 | - | - | - | 3 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | are reared in 0.1 hectare area under low cost feeding system<br><br>**(c) Horticulture component**<br><br>Vegetables in the surrounding area<br>Fruit trees (Guava) on the dyke | | | | | | | | | | | | | |
| | Nursery raising of carp fry | **Utilization of Jalkund for nursing of carp fry in Meghalaya**<br><br>❖ **Amur carp**<br>Stocking density:3lakh/ha, rearing period 10 weeks<br>( during May –July)<br><br>❖ **Labeo gonius**<br>Stocking density:3lakh/ha, rearing period 10 weeks<br>(during August –Dec) | ICAR ,Umiam, 2019 | 5 | 0.2 | 5 | Niriang, Mukhnang | July-Nov (3-5 months) | 3 | 2 | 5 | - | - | - | 5 |
| | | | | | | | | | | | | | | | |

| Mandated activities | Thematic Area | Name of Technology | Source and Year of release | Crop/Cropping system | Area (in ha) | No. of demos. | Location | Period and Duration | Number of beneficiaries/ demon. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | SC/ST | | | General | | | Grand Total |
| | | | | | | | | | M | F | Total | M | F | Total | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Front Line Demonstration** | IFS Modules (Muti-displicinary) | Integrated Pig-cum-fish-cum-horticulture farming | COF-CAU ,2013 | Fish, Pig,Vegetables and fruits | 1 | 10 | Mulum, Sohmynting, Wahiajer, Lyrnai, Shangpung, Namdong,Iooksi, Pynthorlangtein, Ummulong | May-Feb (10 months) | 5 | 5 | 10 | - | - | - | 10 |
| | Fish breeding | Common carp breeding and seed production in happa | ICAR ,Umiam, 2013 | Common carp | 0.5 | 8 | Nangbah, Wahiajer, Larnai, Amlarem | Feb-March (2 months) | 2 | 6 | 8 | - | - | - | 8 |

| **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 | Common carp breeding and seed production (5) | 1 | Jan-Dec | 4 | Off | 20 | 20 | 40 | - | - | - | 40 | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Composite Fish culture (5) | 1 | Jan-Dec | 4 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | | Scientific fish rearing and management practices (7) | 1 | Jan-Dec | 4 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | | Feeding management in composite fish culture (5) | 1 | Jan-Dec | 4 | Off | 20 | 20 | 40 | - | - | - | 40 | |
| | Rural Youth | Common carp breeding and seed production (8) | 1 | Jan-Dec | 5 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | | Value addition in fish (4) | 1 | Jan-Dec | 4 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | Extension Personnel | Carp breeding and seed production(8) | 1 | Oct-Feb | 5 | On | 15 | 15 | 30 | - | - | - | 30 | |
| | | | | | | | | | | | | | | |
| **atio nal trai ning pro gra mm** | Farmer and Farm women | | | | | | | | | | | | | |
| | Rural Youth | Post harvest | 1 | Jan- | 4 | On | 15 | 15 | 30 | - | - | - | 30 | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | technology and value addition of fish (8) | | Dec | | | | | | | | | | |
| | 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 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | NGO(including school drop-outs) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Others (Pl. specify) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | | | | | | | | | | | |

**Discipline: Agril. Extension**

**Name of the concerned Subject Matter Specialist:** Dr Alethea Dympep **Mobile No:**825905859 **E-mailaddress:**aletheadympep@gmail.com

| Mandated activities | Thematic Area | Technology/ Method/ Process/ Model | Source and Year of release | Assess/ Refine | Area (in ha.) | No. of trials | Location | Period and Duration | Number of respondents/ beneficiaries | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | SC/ST | | | General | | | Grand Total |
| | | | | | | | | | M | F | Total | M | F | Total | |
| **On farm testing** | Benchmark Survey (PRA etc) | **Value Chain Analysis of Ginger and Turmeric in West Jaintia Hills**<br>1. Survey and data collection<br>2. Purposive sampling<br>3. Value chain mapping<br>4. Identification of value addition activities | - | 90 | - | 90 samples | West Jaintia Hills | April -Aug | 50 | 40 | 90 | - | - | - | 90 |
| | Others (Explorable studies) | **Assessment of indigenous wild leafy vegetables traditionally consumed by the Jaintia tribal people**<br>(1) Documentation<br>(2) Questionnaire<br>(3) Formal and informal interactions | - | 60 | - | 60 samples | West Jaintia Hills | Sep-Dec | 30 | 30 | 60 | - | - | - | 60 |

| Mandated activities | Thematic Area | Technology/ Method/ Process/ | Source and | Crop/ Cropping | Area (in | No. of demos. | Location | Period and Duration | Number of beneficiaries | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | SC/ST | General | Grand |

| | | Model | Year of release | system/ Enterprise | ha.) | | | | M | F | Total | M | F | Total | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Benchmark Survey (PRA etc) | **Effect of group farming system *vs* individual farming system**<br>1) Determinants of decision-making to join group-farming cooperatives<br>2) Analyze the effect of membership of group-farming cooperatives on poverty status of the farmers.<br>3) Impact of membership in group-farming cooperatives on production and livelihood of the community | - | Turmeric cultivation, Poultry rearing | - | 120 samples (ARYA and PKVY beneficiaries) | West Jaintia Hills | Aug-Feb | 60 | 60 | 120 | - | - | - | 120 |
| | Technology Backstopping | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Dissemination time/ Loss of technologies | | | | | | | | | | | | | | | |
| | Coordination/ Convergence | | | | | | | | | | | | | | | |
| | Others | | | | | | | | | | | | | | | |

| 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 | | | | | | Grand Total | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | SC/ST | | | General | | | | |
| | | | | | | | M | F | Total | M | F | Total | | |
| **On and Off campus training programmes** | Farmer and Farm women | Training on formation of SHG (5) | 1 | Jan-Dec | 4 | Off | 30 | 30 | 60 | - | - | - | 60 | |
| | | State and Centrally sponsored Agricultural and rural development schemes (4) | 1 | Jan-Dec | 4 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | | Scope and importance of Agri-preneurship development (4) | 1 | Jan-Dec | 4 | Off | 15 | 15 | 30 | - | - | - | 30 | |
| | Rural Youth | Importance of value chain analysis in agriculture as a scope of entrepreneurship development for rural youth | 1 | Jan-Dec | 4 | Off | 25 | 25 | 50 | - | - | - | 50 | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | (8) | | | | | | | | | | | | |
| | | State and Centrally sponsored Agricultural and rural development schemes (4) | 1 | Jan-Dec | 2 | Off | 20 | 20 | 40 | - | - | - | 40 | |
| | Extension Personnel | Market-led Agricultural Extension (4) | 1 | Oct-Feb | 2 | On | 15 | 15 | 30 | - | - | - | 30 | |
| | | Importance of Farming Situation Based Extension (4) | 1 | Oct-Feb | 2 | On | 15 | 15 | 30 | - | - | - | 30 | |
| | | | | | | | | | | | | | | |
| **Vocational training programmes** | Farmer and Farm women | | | | | | | | | | | | | |
| | Rural Youth | | | | | | | | | | | | | |
| | Extension Personnel | | | | | | | | | | | | | |
| | Civil Society | | | | | | | | | | | | | |
| | NGO | | | | | | | | | | | | | |
| | Others | | | | | | | | | | | | | |
| **Sponsored training programmes** | | | | | | | | | | | | | | **Sponsoring agency** |
| | Farmer and Farm women | | | | | | | | | | | | | |
| | Rural Youth | Setting up of custom hiring | 1 | 25th Jan,20 | 7 | Off | 3 | 13 | 16 | - | - | - | 16 | STRY,MANAGE |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | agro service centres (15) | | 21-2nd Feb,2021 | | | | | | | | | | (Completed) |
| | Extn. Personnel | | | | | | | | | | | | | |
| | Civil Society | | | | | | | | | | | | | |
| | NGO | | | | | | | | | | | | | |
| | Others | | | | | | | | | | | | | |

# EXTENSION ACTIVITIES PROPOSED FOR THE YEAR 2021-22

| Specific activity | No. of activities | Period of the year | Duration (in days) | Number of beneficiaries (No.) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | SC/ST | | | General | | | Grand Total | |
| | | | | M | F | Total | M | F | Total | M | F |
| Diagnostic visit | 40 | April,2021-March,2022 | 1 | 20 | 20 | 40 | - | - | - | 20 | 20 |
| Advisory services/ telephone talk | 144 | April,2021-March,2022 | 1 | 72 | 72 | 144 | - | - | - | 72 | 72 |
| Celebration of Important days | 4 | i. World Environment Day<br>ii. World Food Day<br>iii. World Soil Day<br>iv. World Milk Day | 4 | 50 | 50 | 100 | | | | 50 | 50 |
| Exhibition | 1 | April,2021-March,2022 | 1 | 50 | 50 | 100 | - | - | - | 50 | 50 |
| Exposure visit | 3 | April,2021-March,2022 | 1 | 10 | 10 | 20 | - | - | - | 10 | 10 |
| Extension literature (Leaflet/ folders/ Pamphlets) | 12 | April,2021-March,2022 | - | - | - | 5000 | | | | | |
| Extension / technical bulletin | | | | | | | | | | | |
| News letter | 1 | April,2021-March,2022 | - | - | - | 1000 | | | | | |
| News paper coverage | 10 | April,2021-March,2022 | - | | | | | | | | |
| Research publications | | | | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Success stories/ Case studies | 5 | April,2021-March,2022 | - | - | - | 1000 | | | | | |
| Farm Science Clubs' Convenors meet | | | | | | | | | | | |
| Farmers' Seminar | 1 | April,2021-March,2022 | 1 | 50 | 50 | 100 | - | - | - | 50 | 50 |
| Farmers' visit to KVKs | 1 | April,2021-March,2022 | 1 | 100 | 100 | 200 | - | - | - | 100 | 100 |
| Ex-trainees' meet | | | | | | | | | | | |
| Field day | 11 | April,2021-March,2022 | 1 | 20 | 20 | 40 | - | - | - | 20 | 20 |
| Film show | 10 | April,2021-March,2022 | 1 | 120 | 120 | 240 | - | - | - | 120 | 120 |
| Radio Talk | 12 | April,2021-March,2022 | 1 | | | | | | | | |
| TV talk | | | | | | | | | | | |
| KisanGosthi | | | | | | | | | | | |
| Group Meeting | 15 | April,2021-March,2022 | 1 | 75 | 75 | 150 | - | - | - | 75 | 75 |
| Kisan Mela | | | | | | | | | | | |
| Soil Health Camps | | | | | | | | | | | |
| Animal Health Camps | 2 | April,2021-March,2022 | 1 | 50 | 50 | 100 | - | - | - | 50 | 50 |
| Awareness camp<br>Mobile Agro-Advisory (Messages/ Beneficiaries) | 1 | April,2021-March,2022 | 1 | 50 | 50 | 100 | - | - | - | 50 | 50 |
| Method demonstration | 24 | April,2021-March,2022 | 1 | 50 | 50 | 100 | - | - | - | 50 | 50 |
| Scientists' visit to farmers' field | 60 | April,2021-March,2022 | 1 | 30 | 30 | 60 | - | - | - | 30 | 30 |
| Workshop/ Seminar | | | | | | | | | | | |
| Soil Testing | 1 | April,2021-March,2022 | 1 | 250 | 250 | 500 | - | - | - | 250 | 250 |
| **Total** | **358** | | | | | | | | | **997** | **997** |

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

**KVK: Jaintia, Hills**

| Activity/ Month | April | May | June | July | Aug | Sep | Oct | Nov | Dec | Jan | Feb | March | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **OFT (Nos.)** | | | | | | | | | | | | | |
| **i.** Number of Technologies | 4 | 5 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 5 | 5 | 6 | - |
| i. Number of Trials | 15 | 39 | 57 | 47 | 34 | 41 | 43 | 44 | 41 | 21 | 21 | 26 | - |
| ii. Area (ha)/ items (no.) | 2.8 | 4.1 | 7.36 | 7.11 | 9.11 | 11.11 | 13.11 | 14.11 | 15.1 | 5.6 | 15.6 | 15.65 | - |
| **FLD (Nos.)** | | | | | | | | | | | | | |
| i. Number | 17 | 18 | 19 | 19 | 30 | 29 | 29 | 29 | 29 | 30 | 30 | 30 | - |
| ii. Area(ha)/ items (no.) | 6.5 | 8 | 24 | 18 | 40 | 53 | 56 | 46 | 46 | 46.5 | 41.5 | 31.5 | - |
| **Training programme** | | | | | | | | | | | | | |
| **Farmer** | | | | | | | | | | | | | |
| i. No. of course | 6 | 5 | 6 | 9 | 8 | 10 | 13 | 10 | 9 | 12 | 11 | 4 | **103** |
| ii. No. of participants | 40 | 40 | 40 | 41 | 43 | 42 | 72 | 72 | 57 | 55 | 60 | 30 | **592** |
| **Rural Youth** | | | | | | | | | | | | | |
| i. No. of course | 1 | 1 | 2 | 5 | 8 | 7 | 7 | 6 | 6 | 1 | 1 | 15 | **60** |
| ii. No. Of participants | 10 | 10 | 10 | 55 | 55 | 40 | 40 | 40 | 40 | 10 | 10 | 70 | **390** |
| **Ext. Personnel** | | | | | | | | | | | | | |
| i. No. of course | - | - | - | - | 4 | - | 4 | 4 | 4 | 2 | 10 | - | **28** |
| ii. No. Of participants | - | - | - | - | 45 | - | 35 | 35 | 25 | 10 | 60 | - | **210** |
| **Extension Activities/ programmes** | | | | | | | | | | | | | |
| i. No. of activities | 35 | 30 | 30 | 25 | 25 | 23 | 30 | 35 | 30 | 30 | 30 | 35 | **358** |
| ii. No. of beneficiaries | 100 | 120 | 120 | 190 | 59 | 55 | 180 | 250 | 230 | 230 | 230 | 230 | **1994** |
| **Publications** | | | | | | | | | | | | | |
| i. Agronomy | | | | | | | | | 2 | 1 | | | **3** |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| a)<br>b)<br>c) | 1.Seed Bank,<br>2. Soil Testing<br>.3. Soil Health Card ) | | | | | | | | | | | | |
| ii. | Horticulture | | | | | | 2<br>(Orchard management of peach<br>&<br>Orchard management of guava) | | | | | | | **2** |
| iii. | Animal Science | | | 2<br>(Pamphlet on clean milk production)<br>&<br>(Importance | 1<br>(Vaccination schedule for pig, poultry and cattle) | 1<br>(Fodder cultivation) | - | 1<br>(Integrated Farming system) | 1<br>(Winter management of pigs) | - | 1<br>(Computation of livestock and poultry feeds) | | | **7** |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | of milk for health benefit ) | | | | | | | | | | |
| **Seeds production (tonnes)** | | | | | | | | | 2q (Frenchbean)<br>40 q (Maize ) | | | 2q (paddy)<br>0.5q (fingermillet)<br>2q (pea) | **46.5q** |
| **Planting materials (Nos. in Lakh)** | | | | | | | | | | 5000 nos brocolli seedlings& 5000 nos. Cabbage seedlings | | 1t ginger& 1t turmeric | **2t (spices) & 10,000 nos.vegetable seedlings** |
| **Livestock strains (No. in lakh)** | | | 80 | 80 | 80 | 80 | 50 | 50 | 130 | 150 | 150 | 150 | **1000 nos. Vanaraja birds** |
| | | | 5 | 5 | 5 | 5 | 6 | 8 | 8 | 8 | - | - | **50 nos. piglets (Hampshire&HDK-75 )** |
| **Fingerlings (No. in lakh)** | - | - | - | - | 7500 | 8500 | 9000 | - | - | - | - | - | **25000 nos** |
| **Bio-agents/ products (tonnes)** | | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Bio-fertilizers/ Vermicompost etc. (in Tonnes)** | | | | | | | | 1250 kg | | | | 1250 kg | **2500 kg** |
| **Soil , Water, Plant, Manures Testing (No. of samples to be tested)** | - | - | - | - | - | - | - | 10 | 10 | 10 | 10 | 10 | **50** |
| **Soil , Water, Plant, Manures Testing (No. of farmers benefitted)** | - | - | - | - | - | - | - | 100 | 100 | 100 | 100 | 100 | **500** |
| **Soil , Water, Plant, Manures Testing (No. of villages covered)** | - | - | - | - | - | - | 1 | 2 | 2 | 2 | 2 | 1 | **10** |
| **Mobile Agro-Advisory (No. of Messages)** | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | **53** |
| **Mobile Agro-Advisory (No. of Farmers)** | 400 | 400 | 450 | 500 | 500 | 500 | 500 | 450 | 450 | 400 | 450 | 400 | **5400** |