



KRISHI VIGYAN KENDRA NEWSLETTER JAINTIA HILLS (Directorate of Agriculture, Govt. of Meghalaya)



Volume VIII

January– December 2017

Issue No 1

From the desk of the Senior Scientist & Head:

It is a matter of great pleasure for me and my entire team to bring to you this annual issue of our newsletter for the period from January to December 2017. This publication reflects the activities and interventions taken up by KVK Jaintia Hills during this period.

This year marks the year of commitment, as pioneered by our Honourable Prime Minister; to commit ourselves towards a new and better India. The Union Government has committed and resolved to double the farmers income by 2022 through its seven point strategy and as such the KVK 's have a massive role to play in this regard. The need as of now is a sheer commitment to attain the desired goal and surely to double the farmers income will eventually pave the way to an improved and better economy.

I take this opportunity on behalf of my entire team to acknowledge the support and mentor of the Director, ICAR Research Complex for NEHR, Umiam; Director, ATARI Zone VII and the Director of Agriculture, Govt. of Meghalaya. I also appreciate the sincere cooperation of the other line departments and organizations in the district and look forward for your cooperation and coordination to work in tandem to uplift and improve the livelihood of the farming community. I also would specially thanks our farmer friends who have been the driving force in instilling in us a sense of direction and purpose to serve the farming community.

May the sincere efforts of all those involved in this dynamic process of transforming the agriculture scenario be acknowledged through the myriads of development towards a self sufficient agricultural economy.

Let us all commit to double the farmers income by 2022.

Thanking You,

**Sd/-
Shri. M J Syngkon
Senior Scientist & Head
KVK Jaintia Hills**

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Seven-point Strategy to double farmers' income by 2022

******** *This is an extract from the literature published during the celebration of the New India Movement issued by the Ministry of Agriculture and Farmers' Welfare*

It is challenging to provide food to the weaker sections of the society in the remotest areas of the country with difficult geographical conditions and economic disparities in a country like India. However, the favourable policies, beneficial schemes of the government and their effective implementation during the year 2015, 2016 & 2017, have made it possible with a remarkable success. Under the able guidance of Hon'ble Prime Minister, Shri Narendra Modi it has been for the first time that a strategic planning has been done to double the income of our farmers. Several schemes have been launched for this purpose at the national level. Through them, the farmers are being made aware of new agriculture technologies and other avenues which could pave way for doubling their incomes. It may be appropriate to mention here that to promote effective and judicious use of water, techniques like drip irrigation and sprinkle irrigation have been developed which are being popularized up to the farmer's fields. National level Programmes like Pradhan Mantri Krishi Sinchai Yojana (PMKSY) is being implemented which aims at 'More crop Per Drop'. Schemes like 'Swasth Dhara- Khet Hara' have been launched to maintain the soil health fertility where in Soil Health Cards are being issued to the farmers. With the initiative of the current Government, a new scheme Pradhan Mantri Fasal Bima Yojana has been launched across the country overcoming the inherent deficiencies of National Agricultural Insurance Scheme. This is the largest investment in the agricultural sector to reduce the possible risks of this sector.

Hon'ble Prime Minister, Shri Narendra Modi has emphasised on 'bringing 'Sadabahar Kranti' (Evergreen Revolution) to combat the challenges of agricultural sector. Keeping this in view, for the first time, Rashtriya Gokul Mission has been launched to develop and conserve Indigenous Breeds of cows. After achieving Food Security, the focus now is to achieve nutritional security for which, the government is emphasizing on science and technological interventions. Simultaneously, in a move to link farmers with online facilities to enable them to sell their produce anywhere in the country at the best price through click of a button and to learn the prices of agricultural produce in different mandis, 585 mandis are being linked with e-NAM portal. The Government is also committed to enhancing the capabilities of farmers decide the prices of their agricultural produce, for which the importance is being given to cashless transactions. Today, India is going through a digital and mobile revolutions with mobile penetration being right up to village level. A beginning to link information technology with the agriculture sector has already been made. Mobile and the internet are helping in maintaining two way communications between the government and the farmers. In view of the growing importance of mobile and internet for agriculture, the government has launched many websites, portals, phone services, mobile apps and agriculture SMS services. Through Kisan Suvidha App, farmers are getting information on weather conditions, input dealers, market price, plant protection along with appropriate advisories. To address the dilemma of crop damage due to natural calamities and vagaries of weather, the revolutionary Bhuvan App has been launched to learn and assess the damages caused by the hailstorm. The farmers can seek solutions to their agriculture related problems through a toll-free telephone no.18001801551 while sitting at home.

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In a planned move to double the income of our farmers by 2022, the Government is focussing on its '**seven-point strategies**' to convert these initiatives into "Sankalp se Siddhi"

- **Focus on Irrigation along with adequate resource building**
- **Increase Production through Improved Seeds, Planting Materials, Organic Farming and Soil Health Card**
- **Strengthening warehousing and cold chain facilities to curb post-harvest losses**
- **Value addition through food processing**
- **Overcoming deficiencies in agriculture marketing through e-NAM.**
- **Work on institutional loan to reduce risk and growth of agriculture sector**
- **Allied activities of agriculture like Dairy development, Poultry, Beekeeping, Fisheries, Agro-forestry and Integrated Farming System**

Highlights of Extension Activities:

<i>Sl. No</i>	<i>Particulars</i>	<i>No. of activities</i>	<i>No. of partners</i>
1	Field Days	20	169
2	Diagnostic visit	105	196
3	Scientist visit to farmer's field	141	827
4	Farmers visit to KVK	190	190
5	Method demonstration	52	928
6	Group discussion	37	648
7	Advisory /helpline service	82	195
8	Radio Talk	2	
9	Lecture delivered	21`	529
10	Film Show	16	1019
11	Awareness program	3	114
12	Farmers scientist interaction	4	100
13	Newspaper coverage	4	

*Radio Talk**Field Day**Method Demonstrations**Film Show**Diagnostic Visits**Awareness Programme**Group Discussions**Lecture Delivered**Scientists visit to farmers' field*

TRAINING ACTIVITIES

Training is a mandated activity of the KVK's, providing the farmers with an opportunity for both knowledge and skill development. Regular training has been imparted on the felt needs of the farming community.

Altogether, 49 trainings covering 85 different courses has been imparted for the benefit of 1793 farmers.



Training for School Children on Nutritional Garden



Training for Farmers

Training Activities: At a glance

Sl. No	Month	Target group	No. of Courses	No. of Trainings	Beneficiaries		Total
					M	F	
1	January	Farmers	9	3	20	22	42
2	February	Farmers	2	1	7	18	25
		Rural Youth	4	2	22	21	43
3	March	Farmers	3	3	58	111	169
4	April	Farmers	5	3	51	43	94
5	May	Farmers	15	6	148	188	336
		Farm women	1	1		25	25
		School Children	1	1	68	49	117
6.	June	Farmers	10	4	73	97	170
7.	July	Farmers	7	4	76	105	181
8.	August	Farmers	10	4	26	62	88
9.	September	Farmers	4	3	16	76	92
10.	October	Farmers	4	3	73	109	182
11.	November	Farmers	6	4	19	54	73
12.	December	Farmers	4	7	74	82	156
Total			85	49	731	1062	1793

SKILL TRAINING PROGRAMMES

Training programmes designed for skill development and enhancement has been organized by KVK Jaintia Hills to ensure that such trainees are equipped with the knowledge and skill to take up employment opportunities in agriculture based vocations. The trainees include the farmers, farm women and rural youth from different operational villages in the district. A brief highlight of the training programmes conducted is tabulated as below:

Sl. No	Thematic area of the Skill Training Programme	No. of participants
1	Mushroom cultivation	25
2	Nursery raising of horticultural crops	21
3	Vermicomposting	22
4	Scientific bee keeping	60
5	Baby corn production techniques	98
Total		226



CAPACITY BUILDING PROGRAMME SPONSORED BY: NATIONAL FISHERIES DEVELOPMENT BOARD (NFDB)

Capacity Building Programme for Rural Youth on Integrated Fish Farming– The programme is aimed at enhancing the knowledge, skills and attitude of unemployed Rural Youth and develop entrepreneurship skills and to generate employment. A total no of 25 (twenty five) participants (Rural Youth) attended the training. The Programme was emphasized on learning through active participation. The duration of the programme lasted for 4 days and encompasses (3) days of lecture cum Discussion using Audio Visual Aids, Method Demonstration and (1) day Field Visits from the 20th Feb 2017 to the 23rd Feb 2017.



Capacity Building Programme for Farmer and Farm Women On Post harvest technology in Fisheries- A total no of 25 (twenty five) participants (Farmer and Farm Women) attended the training. The Programme was emphasized on learning through active participation. The 3 (Three) days Capacity Building Programme for Farmer and Farm Women on Integrated Fish Farming is for 3 days encompassing three (3) days of lecture & method demonstration from Resource person and SMS of KVK Jaintia Hills. The Participants were given practical class on how to prepare fish mince and mince-based products viz., Fish finger & Fish ball. Fish pickle preparation, packaging and marketing.



EXPOSURE VISIT SPONSORED BY NABARD

The office of the Krishi Vigyan Kendra, Jaintia Hills through the financial assistance of NABARD, Regional Office, Shillong conducted an Exposure trip for 18 farmers of West Jaintia Hills District who are enrolled in different Farmers Clubs to Jorhat, Assam from the 7th-10th March 2017. The main objective of the trip was to enable farmers to be exposed and learn about new and improved technologies in the field of agriculture. During the programme, special emphasis was made on approaches in organic farming and agricultural vocations such as vermi composting, apiculture, processing and packaging of locally available underutilized medicinal plants, fruits etc. During the exposure trip, the farmers were taken to Chitraklekha Vermi Village on the 8th March 2017 where most of the farmers have adopted vermicomposting as a subsidiary occupation. A visit was also made to a school where students are actively involved in vermi-composting through the assistance of Farm Connect. The farmers learned about low cost production of vermicompost and vermiwash and the importance of involving the children in farm based activities. A visit was also made to farmers who are adopting nutritional gardening, cultivation of medicinal plants etc. On the 9th March 2017, the farmers were taken to MD's Organic Farm, Jorhat. Various facets of organic farming were observed here. These include bio intensive raised beds, vertical cultivation of vegetables, nursery raising of vegetables, Azolla cultivation, vermicomposting, dairy farming, the use of locally available plants in pest and disease management. In the afternoon, the farmers were taken to Charaimarai Village, Golaghat for visiting a farmer-entrepreneur who practices the cultivation, processing and packaging of locally available medicinal plants. On the 10th March 2017, the farmers were taken to the Biofertilizer unit and Apiculture unit, Assam Agriculture University, Jorhat. At the Biofertilizer Unit, farmers learned about Azolla cultivation and composting techniques using Azolla while at the apiculture unit, farmers learned about the importance of bees in the ecosystem and also the scientific approaches in beekeeping. In a nutshell, it was observed that the exposure trip provided the farmers new ideas and have also gained much knowledge on various approaches of organic farming and also on certain agricultural vocations which may be taken up for entrepreneurship.



Exposure Trip to Jorhat, Assam (Dt. 07th-09th March 2017)

TRAINING CUM AWARENESS PROGRAMME ON PPVFRA

A one day training cum Awareness Programme on Protection of Plant Varieties and Farmers Rights Act was organized by the KVK Jaintia Hills on the 21st March 2017 at the Horticulture Hub Thadlaskein. The programme was financially supported by the Protection of Plant Varieties & Farmer Right Authority, New Delhi.

The inaugural programme was chaired by Shri.M J Syngkon, Sr. Scientist & Head, KVK Jaintia Hills and was inaugurated by Shri L. Laloo, District Agriculture Officer, West Jaintia Hills District, Jowai. Other dignitaries present at the programme were Dr.A.K. Misra, Principal Scientist and Officer in Charge, NBPGR (ICAR), Umiam, Meghalaya, Smt B.M. Majaw, District Horticulture Officer, West Jaintia Hills District, Jowai, Shri. T. Thangkiew, District Development Manager, West Jaintia Hills District, Jowai NABARD and Smt.J.Sohliya, Research Officer, West Jaintia Hills District, Jowai. The key note address was delivered by Smti. R W Rangad, SMS Plant Protection.

During the technical session, two lectures were delivered. Dr.A.K. Misra, Principal Scientist and Officer in Charge, NBPGR (ICAR), Umiam, Meghalaya delivered a lecture on the importance and need of conserving local germplasms and also on the significance of the PPVFR Act in this regard. Shri. T.Thangkiew, District Development Manager, West Jaintia Hills District, Jowai NABARD delivered a lecture on the Pradhan Mantri Fasal Bima Yojana. A farmer scientist interaction was facilitated during the programme.

Altogether, 103 farmers participated in the programme.

The programme ended with a vote of thanks from Shri. M Kharbuli, Farm Manager, KVK Jaintia Hills.



MEETING OF THE SCIENTIFIC ADVISORY COMMITTEE (SAC)

The meeting of the Scientific Advisory committee was convened on the 27th March 2017 at the office of the KVK Jaintia Hills, Rymphum, Jowai. The meeting was chaired by Shri. L Laloo, District Agriculture Officer, WJHD, Jowai in the presence of members from agriculture and allied departments along with farmers representatives. The meeting reviewed the activities undertaken by the KVK during the year 2016-17 and also approved the plan of action for the year 2017-18.



WORLD ENVIRONMENT DAY 2017

The World Environment Day 2017 was celebrated on the 5th June 2017 at Nongkynrih Village under the theme “Connecting People to nature”. The guest speaker at the celebration was Shri. K D Kharkongor. Speaking at the celebration, the speaker encouraged the practice of organic agriculture and promotion of ITK's. The celebration was attended by the farmers, school students and villagers of the village.



WORLD HONEY BEE DAY 2017

The office of the Krishi Vigyan Kendra Jaintia Hills participated at the observation of the World Honey Bee Day on 19th August 2017 at the Integrated Agriculture Training Centre, (IATC) 7th Mile, Upper Shillong organized by the Directorate of Horticulture, Meghalaya and Meghalaya Small Farmer's Agri Business Consortium, (MgSFAC). The theme of the observation was “Bee Keeping for Livelihood and Sustainable Development”. Along with the District Horticulture Office, West Jaintia Hills District, the office of KVK Jaintia Hills facilitated the participation of bee keepers of the district and also put up a stall for sale of honey produced from the district. The event was inaugurated by Shri. R.V. Lyngdoh, Hon'ble Minister of Arts & Culture, Soil & Water Conservation & Urban Affairs, Government of Meghalaya.



SANKALP SE SIDDHI 2017

A programme on ‘Sankalp Se Siddhi’ – New India movement (2017-2022) was organized by Krishi Vigyan Kendra, Jaintia Hills on the 25th August 2017 with a pledge for building a new India by doubling farmers' income by year 2022 based on ‘Seven-point strategies’ at Shangpung Pohshnong Auditorium Hall, Shangpung. The Chief Guest at the occasion was Shri. Vincent Pala, Member of Parliament, Shillong Parliamentary Constituency. Others present at the programme were Shri K M Lytan, Local MDC, Shri. D M Wahlang, ADC West Jaintia Hills District and officials from agriculture and allied departments. The Chief Guest in his speech encouraged the farmers to take up improved and sustainable agriculture practices for safe and healthy foods. During the programme, an expert talk on agriculture was also delivered by Shri. H Rymbai, Scientist Horticulture Division, ICAR for NEHR, Umiam.

A pledge to resolve towards a New India by 2022 was also administered by the Chief Guest.



SWACHHATA HI SEVA 2017

As part of National Sanitation campaign 'Swachhata Hi Seva', Krishi Vigyan Kendra (KVK), Jaintia Hills observed the campaign from the 15th Sept 2017– 2nd Oct 2017. The Officers & Staffs of the Krishi Vigyan Kendra Jaintia Hills conducted a Cleaning drive on the 23rd September 2017 which was held at the Niawkmai Village, West Jaintia Hills along with the local people including the headman, teachers and 30 nos. of school children. White washing and cleaning of school toilets were a part of the activity. On the 25th September 2017 a cleaning drive at the Market place at Ladthlaboh, West Jaintia Hills was conducted and 20 nos. of dustbins donated by the employees of the office was distributed to the shopkeepers. The local people including the headman and members of the Local Dorbar Shnong also participated. On the 26th September 2017 a cleaning drive at the lalong Tourist Spot, West Jaintia Hills was conducted along with the members of the lalong Tourism Cooperative Society where Bamboo Baskets to be used as dustbin, provided by the employees of the office were placed in around the vicinity of the tourist spot.



Activities during "Swachhta Hi Seva" 2017

MAHILA KISAN DIVAS 2017

The office of the Krishi Vigyan Kendra Jaintia Hills observed the Mahila Kisan Divas on the 15th October 2017 at the NICRA Village Umjalsiaw. The main objective of the programme is to empower farm women and also acknowledge their contributions towards the farming sector.

During the programme, two farm women were honoured for their contributions towards agriculture.

Smti. B Majaw, District Horticulture Officer, West Jaintia Hills District graced the function as the Chief Guest. Smti. W C Pariat, Project Director ATMA was also present at the occasion besides the local headmen and farm women.

An extempore speech competition was organized among the farm women and prizes were given to the winners.



WORLD FOOD DAY 2017

The office of the Krishi Vigyan Kendra Jaintia Hills in collaboration with the District Agriculture Office, Jowai, Agriculture Technology Management Agency (ATMA), WJHD observed the World Food Day on the 16th October 2017 at FTI, Rymphum, Jowai under the theme, "Change the future of migration invest in food security and rural development".

Shri. L. Laloo, District Agriculture Officer chaired the programme in the presence of Shri. D.M. Wahlang ADC West Jaintia Hills as the Chief Guest. Other dignitaries present at the function were Shri. R. Rymbui Superintendent of Fisheries, Smti. M. Kharbudon DAHVO, Jowai, Shri.B. P. Marweñ ASCO (Cash Crop), Shri.M. J Syngkon, Senior Scientist and Head KVK, Jowai and Smti. W C Pariat, Project Director ATMA besides other officials.



WORLD SOIL DAY 2017

As part of the observance of World Soil Day, the office of the Research Officer, WJHD and Krishi Vigyan Kendra Jaintia Hills, in collaboration with the District Agriculture Office, Jowai, Agriculture Technology Management Agency (ATMA), WJHD Department of Agriculture, Meghalaya organized a programme under the theme: "Caring for the Planet starts from the Ground", on the 5th December 2017 at Tpe-pale Dorbar Hall Jowai, West Jaintia Hills.

Shri A.A Shullai, Chief Executive Member, JHADC Jowai graced the occasion as the Chief Guest and delivered the Inaugural Speech. The programme started with a welcome speech from Smt S. Passah, District Agriculture Officer, WJHD. The key note address was delivered by Smt J. S. Sohliya, Agriculture Research Office, WJHD. Others who spoke at the programme were Shri R Langstieh, Joint Director(R&T), Shri D Lamare, Divisional Soil and Water Conservation Officer (T), WJHD and Shri D Lamar, ADA, Jowai, WJHD

Soil Health Cards were distributed to the farmers during the programme. Altogether 178 farmers attended the programme. A film show was also aired during the programme. The programme ended with a Vote of thanks from Smti P Kharkongor, Sub Divisional Agriculture Officer



World Soil Day 2017

FRONT LINE DEMONSTRATIONS (FLD'S)

• AGRONOMY

Technology demonstrated	Remarks
Paddy cum fish culture	Performing well
In-situ soil moisture conservation through zero tillage practices in lentil (HUL 57 variety)	Ongoing
Low-cost micro-rainwater harvesting technology to improve the rural livelihood	Ongoing
IFS (Vermicomposting)	Ongoing



Paddy cum fish cul-



Low-cost micro-rainwater harvesting technology to improve the rural livelihood

• HORTICULTURE

Technology demonstrated	Remarks
Improved Package of practices of pineapple cultivation	The crop is performing well
Integrated farming system (Fish + livestock + vegetables+ fruits)	It helps the farmers to minimize the cost of production and it is a sustainable farming system
Vegetable based cropping system Tomato- Broccoli	Farmers could utilize their land and resources to the maximum with continuous returns
Vertical cropping (bottle gourd/chow chow + ginger)	Proper utilization of land and resources with less effect on the yield of component crops
Integrated Nutrient Management of turmeric (Vermicompost + cowdung manure + bio-inoculation with Azotobacter and PSB)	The farmers have accepted that it is a better technology for nutrient management as compared to their practice



Package of practices of pineapple cultivation
Nongkhroh



IFS (Fish + livestock + vegetables+ fruits)
Sohphoh



Vegetable based cropping system Tomato- Broccoli
Wahiajer



Lyrnai



Vertical cropping
Sohphoh



INM of turmeric
Umladang

• PLANT PROTECTION

Technology demonstrated	Remarks
Monitoring and management of fruit flies by installing fruit flies traps(Cue -lure) @ 4 nos/acre in Chow- chow/ Squash/Chayote	The farmers have easily mass trapped the male fruit flies population by using this technology thereby reducing their numbers in the coming years. The intervention has resulted in higher yield to the farmers. Thus, there has been an extensive effort to promote and adopt this new technology of pest management.
All year round production of Oyster mushroom (<i>Pleurotus</i> spp)	This technology has given an additional income to the farmers and at the same time they can effectively use the paddy straws for cultivating mushroom without wasting the naturally available resources. This technology is gaining popularity among the farmers as it is very easy and also eco-friendly at the same time.
Scientific beekeeping	This technology together with the Vocational training imparted to the farmers and rural un-employed youth has resulted in additional income as the beekeepers can harvest the honey two to three times in a year as compared to traditional beekeeping where they get to harvest only once in a year.



Management of fruit flies in Chow- chow
Nongkynrih



Sohphoh



All year round production of Oyster mushroom
Namdong A



Scientific beekeeping
Mukhap

FISHERIES

Technology demonstrated	Remarks
Pond Management -Application of lime@ 400kg/ha Feeding @ 3% kg body weight	The farmers are receptive to this technology and requires wider dissemination
Composite fish culture –Performance of Amur carp in composite fish culture	Performed well
Paddy cum fish culture (Fish sp. amur carp and local common carp)	The intervention of Rice –cum-fish culture has resulted in improving income of those farmers who adopted this technology. Upscaling of this technology in the district is recommended
IFS-Fisheries cum livestock+horticultural crops	It provides sustainable income to the farmers and optimizes resource utilization



Pond Management

Sohphoh



Umladang



**Composite fish culture
Distribution and Release of Fingerlings**



Paddy cum fish culture
Sahsniang



IFS (Fish + livestock + vegetables+ fruits)
Sohphoh

ON FIELD TRIALS (OFT'S)

AGRONOMY

Technology assessed	Remarks
Varietal performance of Paddy variety CAU R1.	The technology was accepted and appreciated by the farmers



Varietal performance of Paddy variety CAU R1

HORTICULTURE

Technology Assessed	Remarks
Canopy management of Peach	The fruit trees did not yield good response because it's the 1 st year of pruning
Varietal evaluation of Guava Varieties RCGH- 1, RCGH- 4, RCGH- 7, Allahabad Safeda	Survival rate is high
Varietal evaluation of Peach varieties Pratap, Flordasun	It's the 1 st year of planting and it has adapted well to the local conditions
Evaluation of performance of Khasi Mandarin soft wood grafted plants	Survival rate is high and performing well
Temperature tolerant pea var. in ginger/turmeric fallow land	Planting of pea in fallow land completed



Canopy management of Peach
Niriang



Layout of guava orchard
Umladang



Layout of Khasi mandarin orchard—*Amlarem*



Temperature tolerant pea var. in ginger/turmeric fallow land



• PLANT PROTECTION

Technology Assessed	Remarks
Monitoring and management of fruit flies by installing fruit fly traps (ME) @ 4 nos/acre in Peach and use of EPN <i>Heterorhabditis indica</i> with <i>Metarhizium anisopliae</i> for soil treatment <u>Refinement:</u> Pruning in mid -October, application of Bordeaux paste, manuring together with bio-pesticides and use of bait traps using molasses	Due to species complex this technology has been refined by treating the soil with <i>Heterorhabditis indica</i> with <i>Metarhizium anisopliae</i> in addition to using bait spray along with the fruit fly lure (ME). Pruning has also been initiated in the orchard to promote better yield and application of Bordeaux paste was also done. By using this technology the farmers can easily mass trapped the male fruit flies population thereby reducing their population in the years to come
Management of white grub in Potato (Var. Kufri Jyoti) by mixing <i>Metarhizium anisopliae</i> and EPN in organic manure 15 days before sowing to be applied during planting of tubers and at earthing up <u>Refinement:</u> Liming in the month of November, application of ash and <i>Lanata camara</i> leaves at time of planting and spray of <i>Beauveria bassiana</i> at vegetative stage	White grub is a severe pest of Jaintia Hills and it is very difficult for the farmers to manage the pest organically but not impossible if they adopt new technologies which can be refined according to the location specific needs.



Management of fruit flies in Peach—*Nangbah*



Sohphoh



Management of white grub in Potato
Umjalisiaw



Pynthorwah

• FISHERIES

Technology Assessed	Remarks
Composite fish culture- Evaluation of performance of amur carp in composite fish culture (From Sept 2017 Evaluation of performance of pengba sp. in composite fish culture has been taken up)	Performed well and has been taken up for demonstration



Harvesting of Amur carp



Distribution of fingerlings– Pengba sp



OTHER ACTIVITIES

- Attended workshop on Meghalaya- the role of post harvest supply chain, logistics and opportunities thereof at MAMETI, 5TH Mile; Upper Shillong on the 10th February 2017
- Participated in the Regional Workshop on Implementation of Central Schemes and Training Planning of EEI, NER and SAMETI's of NE states at MAMETI, 5TH Mile; Upper Shillong on the 24TH-25TH February 2017
- Attended Training of Trainers on Integrated Farming Systems organized by State Institute of Rural Development, Nongstder, Meghalaya from the 12th-16th June 2017
- KVK Jaintia Hills participated in National Seminar on Nutrition Sensitive Agriculture at ICAR RC for NEHR, Umiam held on the 23rd- 24TH-June 2017
- Farm Manager attended the National Review Workshop of KVK's working in tribal areas held at NASC, New Delhi on the 7th-8th June 2017
- Senior scientist and Head and SMS Horticulture Attended Annual Workshop of NICRA project at Khanapara on 10th-11th July 2017
- SMS Fisheries Attended one day workshop on High Yield Technologies for Organic farming organized By Agrinos Company and State agriculture Dept at BATC, Upper Shillong on 25.07.2017
- Interface meeting for Doubling farmers Income by 2022 organized by ATARI in collaboration with DAO, Meghalaya on the 22th Aug 2017
- Attended Training on Mobile app at NIC, Shillong on the 28.09.17
- Participated in 4days training (19-22.09.17) on "Extension Skills for implementation for major Agricultural Development Schemes at MAMETI, Shillong
- Participated at the Focus Group Workshop on iTEAMS at IATC, Upper Shillong on the 17.10.2017
- Participated in the launching of Livestock Mission by the Chief Minister, Govt. of Meghalaya in Laskein on the 26.10.2017
- Attended Workshop on Potential, Prospects and Strategies for Doubling of Farmer's Income at Khanapara, AAU from the 9th-11th.11.2017
- SMS Horticulture participated in the Workshop on "Marketing strategies of horticulture crops in Meghalaya" at ICAR, Umiam on the 27.11.2017

- Participated in the exhibition organized by District Horticulture Office, WJHD -06.12.17
- Attended the Workshop on Farmers' Right and Agro biodiversity Exhibition –Organized by PPVFRA and AAU 14.12.17
- Exhibition & Seminar on Theme- Organic production of horticultural crops organized by the office of the District Horticulture Officer East Jaintia hills district (65Males, 42 Females, Total- 107)



National Seminar on Nutrition Sensitive Agriculture



Interface meeting for Doubling farmers Income by 2022



CM Meghalaya addressing the gathering at the Focus Group Workshop on iTEAMS



Exhibition stall jointly arranged by the DAO, WJHD and KVK



Workshop on Potential, Prospects and Strategies for Doubling of Farmer's Income

Launching of Livestock Mission by the Chief Minister, Govt. of Meghalaya



Workshop on Farmers' Right and Agro biodiversity



Farmers Scientist Interaction with Dr A Bholeroa on Climate Change and Agriculture



Exhibition organized by District Horticulture Office, WJHD, Jowai



Exhibition & Seminar on Theme- Organic production of horticultural crops organized by the office of the District Horticulture Officer East Jaintia hills district, Khliehriat



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