



KRISHI VIGYAN KENDRA NEWSLETTER



JAINTIA HILLS, RYMPHUM, JOWAI
(Directorate of Agriculture, Government Of Meghalaya)

Volume 4

Issue No. 1

From the desk of the Programme Co-ordinator:

It is with deep joy that the Krishi Vigyan Kendra, Jaintia Hills is yet again publishing its annual newsletter. A newsletter definitely serves the purpose of highlighting activities and strategies of an institution and I firmly believe that this will hold true for the newsletter of KVK Jaintia Hills especially in its concern of strengthening the agricultural sector in the Jaintia Hills of Meghalaya.

KVK's are such institutions that bridges the divide of technology of the researchers with the farmers and with the mission of transferring such modest technologies to the farming community, the KVK's have diverse role of immense importance to play. I would like to quote Shri Sharad Pawar, Minister of Agriculture and Food Processing Industries, Government of India while inaugurating the 8th National Conference on KVK in which he states "India has emerged as a major player in international market and contributed immensely towards stabilization of world food prices and KVKs played a major role in this success". This implies the need of strengthening the KVK system in the country. To empower the farming community will definitely strengthen the economy of the country. Therefore, I am of the firm belief that the activities of the KVK's which includes On farm trials, Front line demonstrations, training activities etc will gradually help in transforming the agricultural sector by empowering the farming community. Technology dissemination through electronic print media and networking technology as initiated activities of the KVK's are effective and would definitely ensure rapid and timely information to the farmers.

I am of the firm belief that the farming community will find hope in the KVK'S system and I do sincerely anticipate a brighter agricultural economy through the efforts of those involved in this dynamic system.

I appreciate the Editorial team and I do look forward for constructive feedbacks from all stakeholders so that the KVK Jaintia Hills will actively live up to its mandates to serve the farming community to its very best.

Thanking You,

Faithfully Yours,
Sd/-
Shri. M J Syngkon,
Programme Co-ordinator,
KVK Jaintia Hills

Highlights of Extension Activities

Activities	No.	Beneficiaries
Method demonstration	21	557
Radio Talks	2	
Diagnostic Visits	104	227
Scientist visit to farmer's field	87	203
Farmer's visit to KVK	5	5
Group Discussion	40	506
Film Shows	1	30
Advisory helpline	90	159



STAFF POSITION OF KVK,JAINTIA HILLS

Sl. No.	Name	Designation
1	Shri. M J Syngkon	Programme Co-ordinator
2	Shri. P Kharumnuid	SMS– Extension
3	Smti. R W Rangad	SMS– Plant Protection
4	Smti. R Lyngdoh	SMS-Agronomy
5	Smti. B Kharbamon	SMS-Horticulture
6	Smti. J K Marak	SMS- Fisheries
7	Shri. M Kharbuli	Farm Manager
8	Smti. S Pohthmi	Programme Assistant (Computer)

ZPD VISIT

The Zonal Project Director, Dr A K Gogoi along with Dr. Sudipta Paul, Scientist visited the office of the Krishi Vigyan Kendra, Jaintia Hills at Jowai, Rymphum on the 14th May 2013.

During the visit major prospects on the functioning of the office were discussed. Other issues which were discussed were on the activities under taken by the KVK. Records on diverse areas maintained by the office were also examined.



TRAINING ACTIVITIES

Sl. No	Month	Target Group	No. of Trainings	No. of courses	Beneficiaries		
					Male	Female	Total
1	January	Farmers	5	3	49	52	101
2		Farm women	2	3		60	60
3	Feb	NIL	NIL	NIL	NIL	NIL	NIL
4	Mar	Farmers	2	1	11	21	32
5		Rural youth	1	1		30	30
6	April	Farmers	13	11	207	216	423
7		Farm women	4	4		114	114
8	May	Farmers	7	5	82	59	141
9		Farmers (Sponsored by NABARD)	2	7	17	27	44
10	July	Farmers	8	5	77	40	117
11	August	Farmers	4	4	75	60	135
12	September	Farmers	2	2	14	6	20
13	October	NIL	NIL	NIL	NIL	NIL	NIL
14	November	Farmers	10	7	111	137	248
	November	Farm women	1	1	15	15	30
15	December	Farmers	3	3	30	5	35
16	Total		54	57	688	942	1630

TRAINING ACTIVITIES

TRAININGS CONDUCTED THROUGHOUT THE YEAR - AT A GLANCE

No. of Trainings-54

No. of courses-57

Beneficiaries-1630



ON FARM TRIALS (OFT's)

AGRONOMY

- ◆ Evaluation performance of Maize varieties against local variety
- ◆ Zero tillage pea in rice fallows



Evaluation performance of Maize varieties

HORTICULTURE

- ◆ Organic growing of ginger using Vermicompost (2.5t/ha)
- ◆ Performance of Banana var. Jahaji
- ◆ Integrated nutrient management in broccoli variety Aishwarya
- ◆ Product performance of bio formulations to increase yield of pea



Organic growing of ginger



Integrated nutrient management in broccoli variety Aishwarya



Product performance of bio formulations to increase yield of pea



Performance of Banana var. Jahaji

FISHERIES

Composite culture (Growth and assessment of Amur, Grass carp, Silver carp)



Composite culture

ON FARM TRIALS (OFT's)

PLANT PROTECTION

1. Management of Late blight of Potato with bio agent (*Trichoderma viridae*) @5ml/lt
2. Management of Bacterial wilt of Tomato by Streptocycline @0.2gms/lt
3. Management of Soft rot of Ginger by using Ridomil gold @ 2.5 gms/lt
4. Effect of bio control agent (*Trichoderma spp*) on Blast of Rice



Management of Bacterial wilt of Tomato



Management of Soft rot of Ginger



Management of Late blight of Potato

EXTENSION

- ◆ To evaluate the quality of SHGs in the Operational Villages
- ◆ To study the perception of potato farmers to climate change and its effects
- ◆ Adoption percentage of SRI by the farmers in the operational villages



Group meetings



FRONT LINE DEMONSTRATION (FLD's)

AGRONOMY

- ◆ System of Rice Intensification
- ◆ Construction of Jalkund to improve the rural livelihood
- ◆ Evaluation on the performance of Boro paddy



System of Rice Intensification



Training and pruning and nutrient management of Khasi mandarin

HORTICULTURE

- ◆ Training and pruning and nutrient management of Khasi mandarin
- ◆ Package and practices of Tomato var. Hybrid 17
- ◆ Package and practices of Turmeric var. Lakadong
- ◆ Intercropping of tomato with French bean



Package and practices of Turmeric var. Lakadong



Package and practices of Tomato var. Hybrid 17

FISHERIES

- ◆ Liming and manuring of pond
- ◆ Feeding management



Feeding management

FRONT LINE DEMONSTRATION (FLD's)

PLANT PROTECTION

- ◆ Management of stem borer and leaf roller in Paddy by augmentative release of *Trichogramma* egg parasitoids vis., *T.japonicum* and *T.chilonis* @ 50000- 100000/ha/10 days for 5 times starting from 30 DAT
- ◆ Management of Late blight of Tomato by using Dithane M-45 (Mancozeb) @2ml/lt
- ◆ Management of Gundhi bug in Paddy by ITK method
- ◆ Management of Citrus insect pests viz., aphids, leaf miner and scales by use of Monocrotophos @2ml/lt



Management of Late blight of Tomato



Management of Citrus insect pests



Release of *Trichogramma* egg parasitoids

EXTENSION-PRA Activities



EXPOSURE TRIP

Date: 23rd April 2013



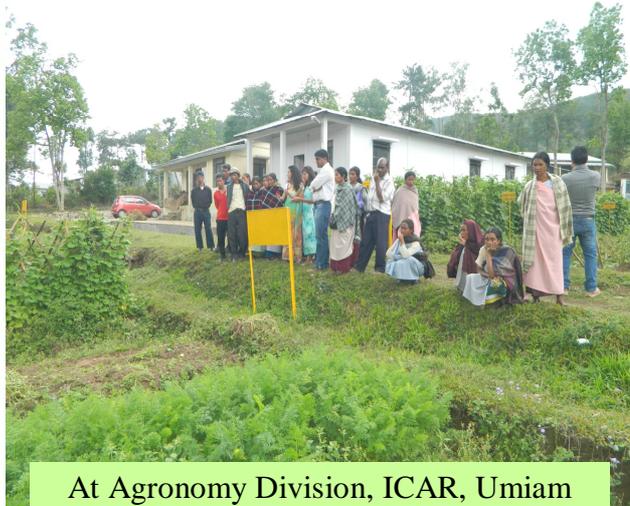
At Dewlieh Farm, Govt. of Meghalaya



At Farmer's polyhouse, Nongpoh
Anthurium cultivation.



At Horticulture Division, ICAR, Umiam



At Agronomy Division, ICAR, Umiam



At Dewlieh Farm, Govt. of Meghalaya

WORLD ENVIRONMENT DAY 2013

The office of the Krishi Vigyan Kendra, Jaintia Hills in collaboration with the Agricultural Technology Management Agency, Jowai celebrated the World Environment Day 2013 on the 5th June 2013 at the Farmer's Training Institute, Rymphum, Jowai under the theme, "Think, Eat and Save".

On this auspicious occasion, Shri A Laloo, Retd Inspector of Schools, Education Department, Govt. Of Meghalaya graced the function as the Chief Guest. The Chief Guest in his speech reminded the roles of the farming community in addressing environmental issues. The key note address was delivered by Smti. W C Pariat, PD ATMA. Other dignitaries who spoke at the function included Shri. D Challam, Research Officer, Shri. C Kynjing, Asst. Engineer, Water Resources, Shri. P Suting, Asst Engineer (Mechanical) and Smti. B Kharbamon, SMS Horticulture, KVK Jaintia Hills. All the speakers at this occasion highlighted about the issues of environmental degradation and its effects on farm activities. The speakers also encouraged the farmers to take up eco-friendly farming practices to ensure good production and high productivity in the long term. The function culminated with the tree plantation programme in and around the campus of the Farmer's Training Institute, Rymphum, Jowai. Tree saplings were distributed to all farmers who attended the programme for planting at their respective villages so that the importance of tree plantation can be disseminated to all villages. In all a total of fifty farmers participated at the function besides the official representatives from Agriculture and allied departments.



WORLD FOOD DAY 2013

The World Food Day 2013 was celebrated on the 18th December 2013 at the Farmer's Training Institute, Rymphum, Jowai under the universal theme "Sustainable Food System for Food security and Nutrition". The celebration was organized in a collaborative manner by the District Agricultural Office, West Jaintia Hills District, the Agricultural Technology Management Agency, Jowai and the office of the Krishi Vigyan Kendra, Jaintia Hills.

Shri. J K Passah, Retd District Agriculture Officer of the then Jaintia Hills District graced the celebration as the Chief Guest in the presence of distinguished officers from Agriculture and allied Departments along with the farmers. The programme was chaired by Shri M Tariang, District Agriculture Officer, West Jaintia Hills. Speeches were delivered by notable speakers on this occasion. Most of the speakers opined the need of developing sustainable food systems and they also urged the farmers to practice sustainable production systems so as to meet the challenges of food security and nutrition.

An Extempore Speech Competition among the farmers was also organized to mark the day's celebration. Prizes were given away to the winners of the competition.

The function ended with a vote of thanks from Shri. D Challam, Research Officer, Jowai

VOCATIONAL TRAINING FOR RURAL YOUTH

The office of the Krishi Vigyan Kendra, Jaintia Hills in collaboration with the office of the Nyebru Yuva Kendra Sangathan, Jowai has conducted a vocational training in aid of the rural unemployed youth on Vermicomposting from the 5th -9th March 2013 at Maitdien village community hall Jaintia hills. The training started with a welcome speech from the Chairman of the village, Shri Marbeit Lapasam. A total of 30 trainees participated in the training. Shri. G Dohling, The then programme Co-ordinator, Krishi Vigyan Kendra, Jaintia Hills spoke on the importance and objectives of such training programmes especially in respect of the rural youth for employment generation.

Shri. S Syngkon, Agriculture Development Officer (Headquarter), DAO West Jaintia Hills was the resource person during the training programme. The resource person delivered a training lecture on the scope of vermicomposting

followed by a demonstration on Vermicompost technology. An interactive session with the participants was held after the programme. Film show on Vermicomposting was shown on the last day of the programme.

Leaflets on vermicomposting was distributed to all participants.



Scientific advisory committee Meeting 2013



Dr A K Gogoi, ZPD delivering a speech



Members deliberating at the SAC Meeting

FOLDER PUBLICATIONS

**KI JINGDUNA
BAPHER HA KA
JINGLONG JINGMAN
JONG U SOHSAW**



La pynbit pynbiang da i:
Ms. B. Kharbamon,
Subject Matter Specialist
(Horticulture)
Mr. M. Kharbuli,
Farm Manager
Krishi Vigyan Kendra
(KVK), Jaintia Hills

Physiological disorders of tomato

**"KA JINGPANG PYUT HA U SYING
BAD KI LAD BAN IADA IA
KA"**



La pynbit pynbiang da i:
Smt. R.W.Rangad
Subject Matter Specialist
(Plant Protection)

KRISHI VIGYAN KENDRA (KVK),
JAINTIA HILLS
DIRECTORATE OF AGRICULTURE
GOVERNMENT OF MEGHALAYA
RYMPHUM, JOWAI- 793150

Management of Soft rot of Ginger

**KA PYNDOH JINGTI
Halor**
*"Kiei kiba phi dei ba
leh shwa ban ri
Dohkha"*



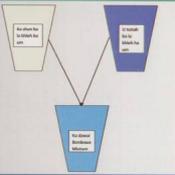
By Smti. Jaseema K. Marak
Subject Matter Specialist (Fisheries)

La pynmih bad pynsaphriang da:-
U PROGRAMME CO-ORDINATOR
KRISHI VIGYAN KENDRA (KVK)
JAINTIA HILLS
DIRECTORATE OF AGRICULTURE
GOVT. OF MEGHALAYA
RYMPHUM
JOWAI-793150

Basic steps to fish farming

Ka Pyndoh Jingtip
Halor

**"Ka dawai Bordeaux Mixture bad ka
jingpyndonkam ia ka"**



By:-Smt. R. W. Rangad
Subject Matter Specialist (Plant Protection)
KVK, Jaintia Hills

La pynmih bad pynsaphriang da :-
U Programme Coordinator ka
Krishi Vigyan Kendra(KVK), Jaintia Hills
Directorate Of Agriculture
Govt. Of Meghalaya

Bordeaux mixture and its uses

VERMICOMPOSTING

**Ka Kambah Jong
ki wieh**



La Pynbit pynbiang da I:
Ms. R. Lyngdoh
Subject Matter Specialist
(Agronomy)

KRISHI VIGYAN KENDRA (KVK),
JAINTIA HILLS
DIRECTORATE
OF
AGRICULTURE
GOVERNMENT
OF
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RYMPHUM, JOWAI- 793150

Vermicomposting

**KA RUKOM AI SBOH MARIANG
RYNGKAT BAD KA SBOH DAWAI**
U Jingthung u donkam



Ka suit bngng
kaba biang

Ka khyndew
kaba seisoh → Nitrogen
Ka sboh mariang → Phosphorus
Ka um → Potassium

La pynbit pynbiang da:-
Smt. B. Kharbamon
SMS (Horticulture)

La pynmih bad pynsaphriang da:-
U PROGRAMME CO-ORDINATOR
KRISHI VIGYAN KENDRA (KVK)
JAINTIA HILLS
DIRECTORATE OF AGRICULTURE
GOVT. OF MEGHALAYA
RYMPHUM
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Integrated Nutrient Management

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Book Post

From:

To,

**The Programme Co-ordinator,
Krishi Vigyan Kendra, Jaintia Hills
Rymphum, Jowai 793150
Meghalaya**

