



KRISHI VIGYAN KENDRA NEWSLETTER



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

Volume 3

Issue No.1

From the desk of the Programme Co-ordinator:

It is indeed an immense pleasure for me once again as the Programme Coordinator, KVK, Jaintia hills to bring here with to you this issue of our newsletter (Volume 3 Issue 1).

Agriculture is still the backbone of India's economy and today the country is facing challenges in this field as with other agricultural economies. The immediate challenge is to increase food production amidst increase land fragmentation, soaring human population and the most universal of all-climate change. To meet the demands of the growing population the agriculture sector has to ensure that the production process is aimed at productivity enhancement and this can be made possible only when the right package of practices are delivered to the farmers. Indian farmers are basically small and marginal farmers irrespective of region and this reality demands strong and dedicated extension services. This sector requires research based region specific approach that address the needs at the grass root levels. To undermine the local problems of the farming community will hinder the development of the sector. Therefore, a scientific and managerial approach towards the sector is a must.

The office of the Krishi Vigyan Kendra, Jaintia Hills with it's mandate to teach and learn by doing, since it's inception has sincerely attempted to understand the local needs of the farming community with a global thinking and local action attitude. The technological developments made in the agricultural sector have also confronted major challenges in ensuring that each and every farmer has access to such technologies. As such, the Krishi Vigyan Kendra, Jaintia Hills has been conducting regular On-Field Trials and Front Line Demonstrations. Training Programmes, in order to disseminate the new technologies has also been organized along with other line departments and organizations. Besides, technology dissemination through media and tele-communication like radio talks, text messages and paper publications like folders,etc has also been taken up.

I believe that this newsletter will not only reflect the activities & achievements of the Krishi Vigyan Kendra, Jaintia Hills but will also help realize what ought to be done in order to address the ever changing needs of the agricultural sector .



Yours faithfully,

Sd/-

(G.Dohling)

Programme Coordinator, KVK Jaintia Hills

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KVK Jaintia Hills is an innovative science based institution sponsored by the Indian Council Of Agricultural Research, New Delhi and was established by the Department of Agriculture, Govt. of Meghalaya as a host organization to carry forward the mandates of the KVK in the district by applying the principles of "Teaching by doing" and "Learning by doing".

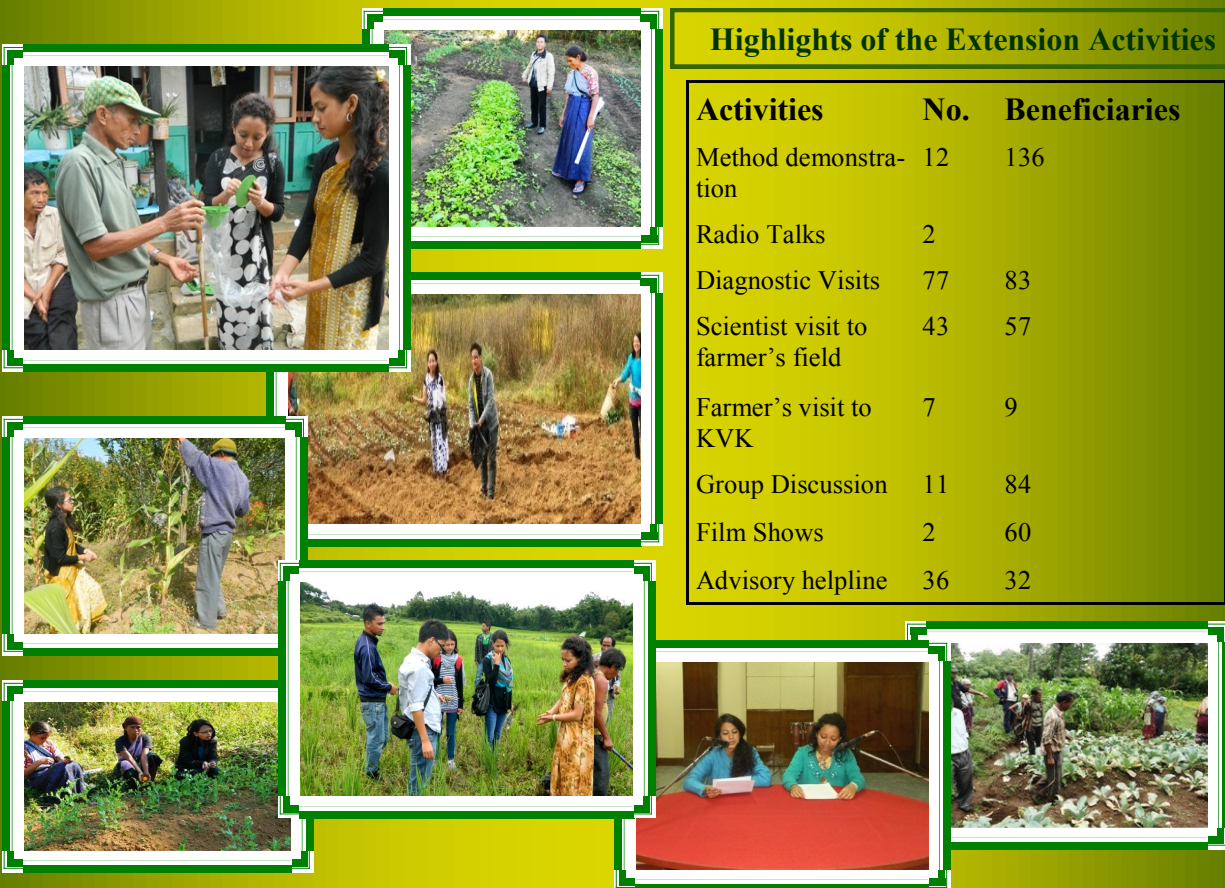


JAINTIA HILLS: Major Problems identified and priority

Sl.No	Major problem identified	Identified Thrust Areas
1.	Low production of crops as the farmers are still adopting the traditional practices of cultivation	Promotion for the adoption of the improved package of practices
2.	Productivity per unit area is low and declining due to mono cropping, imbalance application of fertilizers, non replacement of seeds etc	Diversification and intensification of existing farming system through introduction of improved variety, HYV or hybrid seeds and proven technology like multiple cropping etc.
3.	Pest and diseases incidence	Integrated Pest & Disease management practices
4.	Soil erosion and declining fertility of the soil due to acidity	Soil & water conservation measures, agronomic practices, organic farming, INM, Bio-fertilizers, crop rotation, liming etc
5.	Rain fed agriculture dependent on rain water and lack of conservation measures	Promotion for insitu conservation of water like dug out ponds, tanks, mulching etc
6.	Dearth of draught animal	Popularizing mechanization
7.	Local breed with slow weight gain, low eggs production, High mortality, low conception rate etc	Introduction of improved breed of livestock,
8.	Mostly marginal farmers having Low family income & lack in skills	Promotion for creating revolving fund & educating them on improved management practices etc.

Highlights of the Extension Activities

Activities	No.	Beneficiaries
Method demonstration	12	136
Radio Talks	2	
Diagnostic Visits	77	83
Scientist visit to farmer's field	43	57
Farmer's visit to KVK	7	9
Group Discussion	11	84
Film Shows	2	60
Advisory helpline	36	32



“Everything else can wait but not agriculture”- Pt. Nehru





STAFF POSITION OF KVK, JAINTIA HILLS

Sl. No.	Name	Designation
1	Shri. G Dohling	i/c 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	Shri. M Kharbuli	Farm Manager



Folder on Blast, Brown spot and sheath blight of rice

Folder Publication

1. Ka pyndoh jingtip halor “Ki jingpang Tram (Blast), Thohnei (Brown spot) bad Iapiong (Sheath blight) u jingthung Kba”
2. Ka pyndoh jingtip halor “ Ki lad jingiada na ka jingpynjulong u Khniang bannud (Stem borer ia u jingthung Kba”



Folder on Rice Stem Borer

EXHIBITION

KVK Jaintia Hills participated in an Exhibition organized by the Seng Khyndro Welfare Organization, Wahiajer in collaboration with the District Administration and Nehru Yuva Kendra, Jaintia Hills on the 18th December 2012 at Wahiajer. The exhibition was organized at the Youth Festival as part of the celebration to mark the Year of the Youth.

The exhibition provided the office of the KVK, Jaintia Hills an opportunity to create awareness about its activities and mandates. During the exhibition, 500 nos of folders were distributed besides other pamphlets.



Exhibition at Wahiajer

ZPD VISIT

The Zonal Project Director, Zone III, ICAR, Umiam visited the office of the Krishi Vigyan Kendra, Jowai at Rymphum, Jaintia Hills on the 05th September 2012.

During his visit, priority issues about the KVK campus and staffs were discussed. Besides discussions on the role and functions of the KVK staffs were appraised by the ZPD which provided moral boost and encouragement to the staffs.



TRAINING ACTIVITIES



Sl. No	Month	Target Group	No. of Trainings	No. of courses	Beneficiaries		
					Male	Female	Total
1	July	Farmers	2	1	12	18	30
2	August	Farmers	6	4	65	38	103
3	September	Farmers	10	7	82	50	132
4	October	Farmers	10	6	130	48	178
5	November	Farmers	4	2	38	22	60
	November	Farm women	2	2		60	60
6	December	Farmers	1	1	8	12	20
	December	Rural Youth	2	22	37	23	60
7	Total		37	45	372	271	643



“Training is a journey of opportunities for self awareness, self exploration and growth.”
D. Agochiya

ON FARM TRIALS (OFT's)

- SRI in Rice Var. Hybrid 6444
- Management of stem borer and leaf roller by augmentative release of *Trichogramma* egg parasitoids



- Use of botanicals to increase yield of pea variety *Azad P-1*, with botanicals GF-3, TF3, 596-L, 55591-L as seed treatment @ 8-10%
- Integrated nutrient management in broccoli variety *Aishwarya*



- Management of *Helicoverpa armigera* by using sex pheromones traps in Tomato @ 4/ha to monitor the initial attack of pest at time of flowering
- Soil application of neem cake @ 100g + *Trichoderma* @ 10g/ sq.m in nursery bed to reduce post emergence blight in tomato.



- Evaluation on the performance of maize (Super 36) against local variety.



FRONT LINE DEMONSTRATION (FLD)

- Management of Citrus Trunk borer by application of Bordeaux Mixture with 3g of Carbaryl and injecting of Monocrotophos (0.2%)
- Package and practices of potato cultivation
- Training and pruning and nutrient management of Khasi mandarin
- System of Rice Intensification (SRI)



Trainings & Conferences attended

- SMS (Plant Protection) participated in a training programme on “ Entrepreneurship Development in Agriculture and Allied sectors in North East Region” at IIE, Guwahati on the 7th & 8th August 2012.
- SMS (Plant Protection & SMS (Agronomy) participated in a training programme on “ Rural & Agricultural Entrepreneurship Development (Research, preparation and submission of detailed project report)” at ETPL Skill Development Centre, Dhankheti, Shillong from the 27th –31st August 2012.
- SMS (Extension) participated in a training programme on “ Awareness & Interaction on farmers club & ACABC Schemes at Agricultural Directorate, Shillong.
- SMS (Extension) & SMS (Agronomy) participated in a training programme on “ Unleashing human excellence– A Comprehensive approach to behavioral management” with IBIS Solution at Agricultural Directorate, Shillong.
- SMS (Extension) attended the 7th National Conference on KVK, 2012 at PAU, Ludhiana on behalf of the Programme Co-ordinator from the 20th– 22nd November 2012.
- SMS (Extension) attended the training on Operationalization of Extension Reforms from the 6th– 8th. November 2012 at the Agricultural Directorate, Shillong.
- SMS (Horticulture) attended the training on Entrepreneurship Development of Vegetable Growers from the 17th– 24th November 2012 at C.A.U, Umiam.
- SMS (Plant Protection) attended the training on “ Supply Chain Management of Horticultural crops” from the 21st– 28th November 2012 at ICAR, Umiam.
- All SMS’s attended 1 day training on Intelligent Advisory Service for the farmers at Upper Shillong

Cultivators of the earth are the most valuable citizens. They are the most vigorous, the most independent, the most virtuous, and they are tied to their country and wedded to its liberty and interests by the most lasting bands."

- Thomas Jefferson

WORLD FOOD DAY 2012

The World Food Day 2012 was celebrated in a collaborative manner with the District Agricultural Office, Jowai, the Agriculture Technology Management Agency, Jaintia Hills and the office of the Krishi Vigyan Kendra, Jaintia Hills under the theme “Agricultural Co-operatives: Key to feeding the world” at the Farmer’s Training Institute, Rymphum, Jowai on the 16th October 2012.

The Deputy Commissioner of the then Jaintia Hills District, Shri P.S Dkhar, graced the occasion as the Chief Guest. The Programme was chaired by the District Agricultural Officer, Shri. M Tariang. The key note address was delivered by Smti. W. C Pariat, Project Director ATMA and speeches were delivered by Shri. Y. Shylla, District Horticulture Officer, Jowai, Shri. G Dohling, Programme Co-ordinator, KVK, Shri. S Lyngdoh, Project Director MRDS, Wahngambah and Shri. S Rymbui, Superintendent of Fishery, Jowai besides the Chief Guest.

The celebration also saw the enthusiastic participation of the farmers from various parts of the district. An extempore speech competition was held for the farmers and prizes were given to the best speakers during the celebration.



Vocational Training for the Rural Unemployed Youth

As a means to motivate the rural youths to take up self employment in agricultural vocations, the office of the KVK, Jowai organized two vocational trainings for the Rural Youth under the district in collaboration with the Nehru Yuva Kendra Sangathan (NYKS), Jowai.



A 5 days training programme was organized on “ Mushroom Cultivation” at Mookyndur Sports, Social and Cultural Club, Jaintia Hills from 3rd –7th December 2012. The training was attended by 30 participants. Smti. T Shylla, Asst. DiR.(Hort.), Govt. of Meghalaya was the resource person during the programme. A film show was shown based on “Bamboo Drip Irrigation”. Mushroom spawn was distributed to all the participants.



A 5 days training programme was organized on “ Value addition of horticultural crops for Rural Youth” at Sohkh Mission L.P School, Amlarem, Jaintia Hills from 10th-14th December 2012. The training was attended by 30 participants. A film show was shown based on “Off season vegetable cultivation”. Pamphlets on Preparation of squash, marmalade and pickles were distributed to the youth.





Published By:

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Book Post

To,

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