



KVK EAST KHASI HILLS NEWSLETTER



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FROM DIRECTOR'S DESK



It gives me immense pleasure to know that the Krishi Vigyan Kendra (KVK,) East Khasi Hills is bringing out the 4th Edition of its Newsletter (July-Dec 2011) which highlights the various achievements of the KKV during the 2nd quarter of the year 2011.

I am also happy to learn that the KVK East Khasi Hills, which is the first KVK being set up by the Department of Agriculture, Government of Meghalaya, has taken rapid strides towards extending frontline demonstrations, extension activities and technology dissemination to the farmers of the district within a very short span of time, with alacrity. I am sure that under your able leadership, the KVK will continue to march ahead and not rest on its laurels, but will continually toil until the farmers of the District in particular and the State in general, have reached full circle in the sphere of agricultural development.

I congratulate you and the team of dedicated Scientists, Staffs of the KVK for the valuable and yeoman service that is being rendered to the farmers of Meghalaya.

I wish you all continuing success in the days ahead.

(Shri. D.N.W. Momin)
Director of Agriculture
Meghalaya, Shillong

ACTIVITIES OF THE KVK

With the available resources our Centre strive its best in all possible ways to help the farming community .Various activities were undertaken for expansion of the agricultural operation in due course of time. Technical demonstration, field trials, trainings are being organized for the benefit of the farmers, extension functionaries and rural youth.

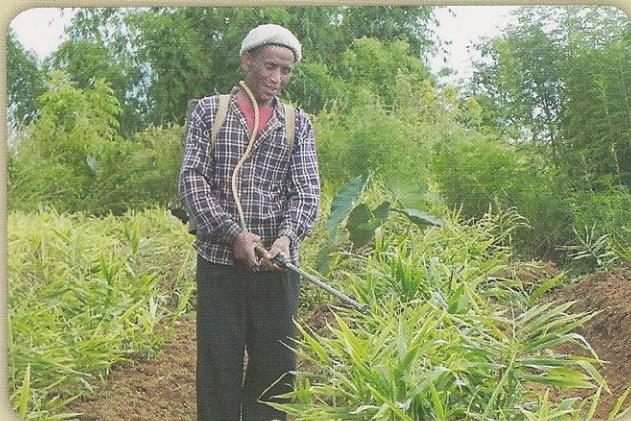
ON FARM TRIALS

On farm trials conducted on Pea crop at Kyiem village during pre-monsoon season showed encouraging results .The Centre decided to re- assess the varietal performance of Azad P-1 and the results of the use of botanicals during this season (Rabi).Both the trials were conducted at Nongpiur and Sadew villages .The trial on the introduction of an early variety Azad P-1 to escape rust and powdery mildew conducted at Nongpiur village during August,2011 showed encouraging results and great acceptance by the farmers. Whereas the results of the trials conducted on use of botanicals for increasing yield and popularization of variety (Azad P-1) conducted at Sadew village during November, 2011 are awaiting.



OFT on Azad P-1 at Sadew village

Another trial on the use of Bio-organic (GF1) to control soft rot disease of Ginger was conducted at Diengpasoh village. This formulation gave better growth, lustrous green leaves, more pseudo stems, and significantly higher yield than normal crop without its application.



Farmer spraying Bio-organic(GF1) formulation to ginger crop at Diengpasoh

Another trial on Tomato for controlling Bacterial wilt with Biofor Pf-2 was conducted at Diengpasoh village. The treated crop has less incidence of wilt as compare to untreated crop.



Tomato crop treated with BioforPf-2 at Diengpasoh village

Another trial on introduction and popularization of rabi onion variety Pusa Red for increasing cropping intensity

was conducted at Dangar, Diengpasoh, Ichamati and Sadew Villages. The results of these trials are awaiting.



Nursery raising of Onion crop at Sadew

Trial on lentil crop was also conducted at Dangar, Ichamat and Shella villages. The results are still awaiting.



Trial on Lentil at Dangar Village

FRONT LINE DEMONSTRATION

Based on the proven technologies available, the Centre decided to take up demonstrations on selected operational villages. Front line demonstration on ginger crop was conducted at Diengpasoh village for popularization of HYV and

disease resistant variety Nadia. The variety showed great acceptance by the farmers as there were significant fivefold increase in yield in comparison to local variety.



Standing crop of Ginger Var. Nadia at Diengpasoh

In maize crop, front line demonstration of maize var. Dekalb Allrounder and Navjot Composite intercropping with French bean var. (Sel 9) were conducted at Sadew and Diengpasoh villages. The farmers appreciated the cropping pattern as they can earn double income from both crops.



Maize var. Navjot intercropping with French bean at Sadew village

Demonstration on use of pheromone trap for controlling fruit borer of Tomato was conducted at Diengpasoh and Nongpiur villages. Farmers have shown willingness to use the trap in the next cropping season.



Demonstration on use of Pheromone trap on tomato crop at Nongpiur village



Demonstration on use of Pheromone trap on tomato crop at Diengpasoh village

A new variety of Pea crop(Imported Pea) was also introduced at Sadew village mainly as pulse crop.

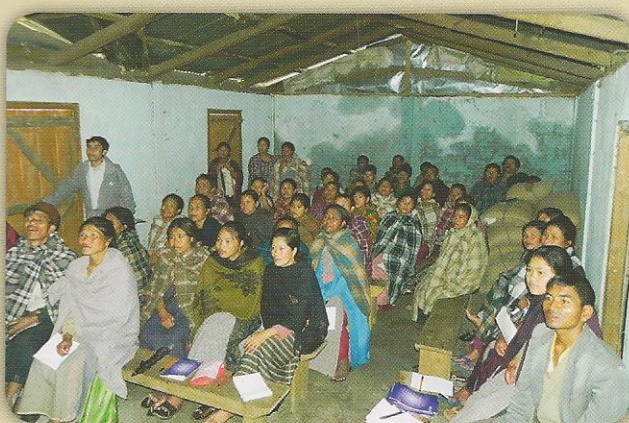
FARMERS TRAINING CONDUCTED

A total of twenty eight (28)nos of off campus training programme were

conducted by the Centre. A total of g six hundred and eighty six (686) farmers comprising of three hundred and fifteen (315) males and three hundred and seventy one (371) females attended the training programmes.



Training programme at Shilliangum



Training programme at Thynroit



Training programme at Mawsynram

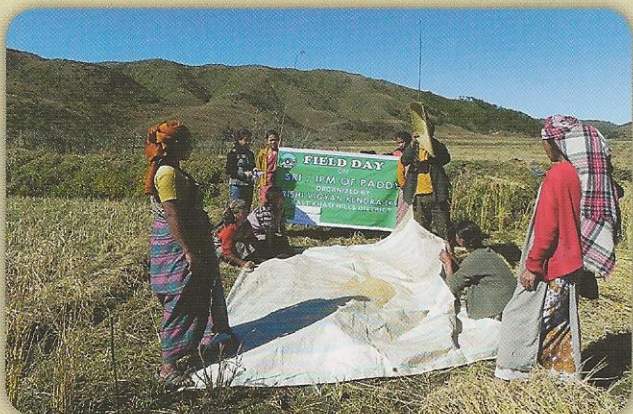
OTHER EXTENSION ACTIVITIES

- a. Field Day:** The Centre conducted a total of Six (6) nos. of 'field day' on the topic SRI, IPM, Use of Bio-organic formulation for controlling Soft rot of Ginger and Popularization of the Ginger var. Nadia. A total of hundred and ten (110) nos. of farmers participated in the programme.



Field day at Diengpasoh for SRI & IPM

- b. Diagnostic Visit:** SMS's of the Centre conducted 12 diagnostic visit to farmers' fields with the objective of helping to rectify farmers' field problems. A total no of 4.5 ha has been covered with ninety two (92) farmers benefited from these visits.



Field Day at Mawphlang



Field day at Diengpasoh village for Ginger



Diagnostic visit at Nongpiur



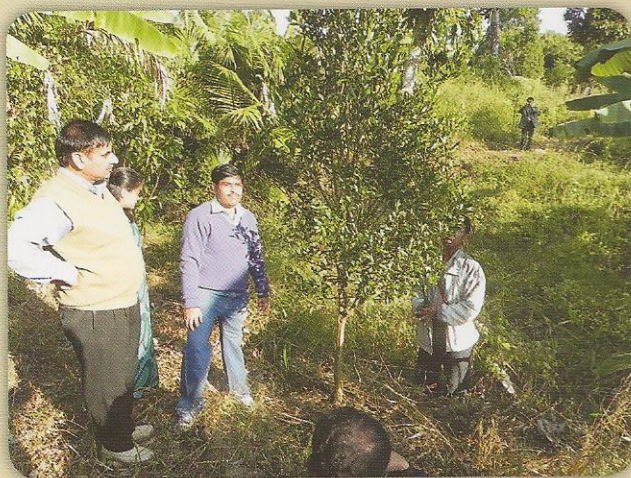
Diagnostic visit at Mawryngkneng

c. Scientist Visit to farmers' field:

The centre also conducted a joint field visit with the Extension officers of State Agriculture department to Myllem village on the 24th August, 2011 and with Scientist from ICAR Research complex for NEH Region along with ADO & HDO of Pynursla C n RD Block to Lypeng Shyrngan, Mawlynnong and Nohwet on the 22st Nov, 2011. Similarly a visit along with Dr Rabindra Padaria Principle Scientist, Div. Agricultural Extension IARI New Delhi on the 12th Dec, 2011.



Field visit with extension functionaries at Myllem



Field visit with ICAR Scientist at Nohwet

d. Film Shows: A total of nineteen (19) nos. of film shows were shown in various operational villages on various topics with the intention to make the farmers aware of the latest technologies available. The farmers expressed their gratitude for this step taken from the Centre which was not taken up earlier by any organization.



Film show in progress at Majai

e. Method Demonstration: The Centre conducted twelve (12) method demonstration in various selected villages. The Centre also conducted compost making demonstration in collaboration with the" Foundation



Method demonstration of Compost making

for Farming” from Zimbabwe on the 3th November,2011.

- f. **Convergence with ATMA:** The Centre had effective convergence with ATMA in which the SMSs delivered lectures as resource person in various training conducted by ATMA. A total of Five (5) lectures were delivered in the villages of Kharang, Dangar, Ichamati, Majai and Shella.
- g. **Kisan Mobile Advisory Service (KMAS):** In order to improve the farming skills our Centre has sent a total of six hundred (600) nos. of ‘sms’ in different discipline.
- h. **TV Programme:** A Live Crop Seminar organized by DDK, Shillong at Nongstoin held on the 10th Dec, 2011 was actively participated by the Programme Co-ordinator
- i. **Farmers’ Field School:** The Farmers’ Field Schools sponsored by Directorate of Agriculture, Meghalaya were conducted in almost all the rice growing areas. Twenty five (25) participants participated in each of the programme. System of rice intensification (SRI) and IPM module were the topics incorporated in these schools. Results of the demonstration were very encouraging with the yield increase upto threefold and diseases incidence was comparatively reduced over the conventional method. The farmers expressed their acceptance and willingness to adopt this method in the next cropping season.



SRI Demonstration at Kyiem

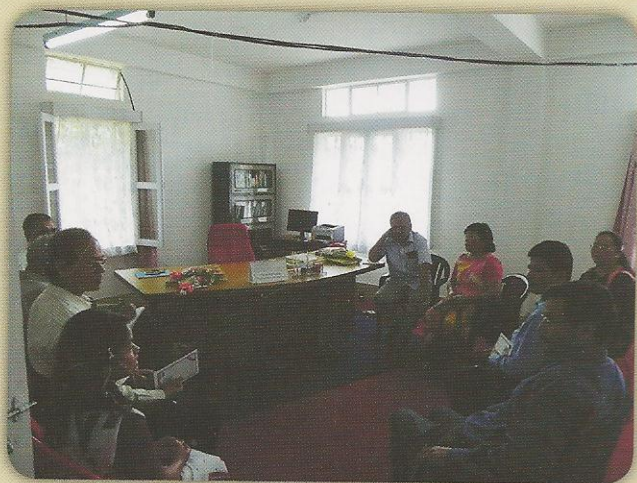


Demonstration on use of IPM Kit at Kharang

IMPORTANT EVENTS

- **QRT Visit:** The QRT team visited the Centre on the 6th September, 2011. The Team was headed by Dr. P. G Ghengappa (Chairman), Dr. K. K .Jindal & Dr. Y. P. Dabas (members) accompanied by Dr. A. K Gogoi ZPD, Zone III, Dr. A. K. Sinha Sr. Scientist and Dr. R. Bordoloi PC Ri-Bhoi district. Dr.G.D. Dkhar

Joint Director(Research & Training) represented the host institute during the visit.



QRT Visit at KVK East Khasi Hills

- **World Food day:** The Centre celebrated the “World Food day” on the 17th Oct, 2011 with the theme “Food Prices-From Crisis to Stability”. Retd. State Director of Agriculture Dr. J.D.Durong was the Chief Guest and also a Resource person for the technical session. A total of 80 farmers participated in the programme.



“World Food day” Celebration.

- **National Conference:** The 6th National Conference of KVKs was held at Jawarharlal Nehru Krishi Viswa Vidyalaya, Jabalpur Madhya Pradesh during 3-5th Dec, 2011 on the theme “Enabling farmers for Secondary Agriculture” Smt. Iadahunlang Kharkongor, SMS (Hort) participated from KVK East Khasi Hills District.



SMSs from Meghalaya with ZPD Zone III at the 6th National Conference, Jabalpur.

Editor

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