

ACTIVITIES OF ATMA WEST KHASI HILLS IN COLLABORATION WITH KVK WEST KHASI HILLS FOR THE YEAR 2016-17

KVK West Khasi Hills had organised group meeting on the 11th December 2017 for the ATMA farmers' friend under Mawthadraishan C & RD Block. The meeting was chaired by Shri. Ereneus K Marbaniang, SMS (Extension) and was participated with 10 Farmers' friend members. The agenda discussed on the meeting was ATMA activities (Method demonstration, Capacity building and Exposure visit) 2016-17 to be undertaken for the year 2017-18. The meeting was unanimously decided to conduct method demonstration on Cultivation of Oyster mushroom for 10 farmers of Mawkatad village on the 21st December 2017, Capacity building for 20 farmers of Nonglait village on the 22nd December 2017 and to conduct Exposure visit on the 23rd December 2017 to ICAR (RC) for NEH Region, Umiam.



Meeting of farmers' friend at KVK West Khasi Hills

ATMA West Khasi Hills in collaboration with KVK West Khasi Hills had organised method demonstration on Cultivation of Oyster Mushroom on the 21st December 2017 at Mawkatad village conducted by Shri. Ereneus K Marbaniang, SMS

(Extension). The training demonstration was participated with 4 males and 6 females followed by spawn distribution to the trainees so that they could practice what they have learnt from the training programme



Training demonstration on Cultivation of Oyster mushroom at Mawkatad village

ATMA West Khasi Hills in collaboration with KVK West Khasi Hills had organised method demonstration on Berkeley method of compost making on the 22nd December 2017 at Nonglait village conducted by Shri. Ereneus K Marbaniang, SMS (Extension) and participated with 5 males and 15 females. During the training demonstration, the farmers took keen interest on preparation of compost making using 175 kg dry materials, 100 kg green material, 100 kg dung, 1.5 kg jaggery in 3 litres water, 14 kg fertile soil, algae, wire mesh 15x4 ft, plastic 3 m. On the very first layer, dry material is

placed followed by green material and dung in the ratio of 3:2:1 followed by application of fertile soil, jaggery solution, algae which gives one layer. The same steps must be followed upto 5-7 layers for quality functioning of micro organism and bacteria which helps the farmers in details on how to prepare the compost using Berkeley method



Training demonstration on Berkeley method of compost making at Nonglait village

KVK West Khasi Hills had organised Exposure visit to ICAR (RC) for NEH Region, Umiam on the 23rd December 2017 for the farmers of Mawthadraishan C & RD Block and the programme was participated with 23 farmers comprising 15 males and 8 females. The farmers were exposed to Division of Horticulture farm witnessed 69 chow chow cultivars collected from different parts of the North Eastern region, cultivated under organic conditions in which the crop was of high demand because of the anti tumour, anti cancerous crop

properties. They were also excited to witness the Integrated Farming System model comprising of crop cultivation + livestock + fisheries getting the maximum benefits, cultivation of legumes in lowland area after rice, raised sunken bed with vegetables and many more. They were then exposed to poultry unit seeing the kuroiler birds rearing in a very improved conditions. Overall the programme was a successful for the farmers as they could update and increase their crop knowledge.



Exposure visit for the farmers to ICAR (RC) for NEH Region, Umiam

KVK West Khasi Hills had organized FARM School a programme sponsored by ATMA West Khasi Hills on *Scientific Cultivation of rice* at Nongshillong village a paddy field owned by one of our farmers' friend. The demonstration was conducted by Smti. Itirekha R Marak, SMS (Plant

Protection) & Shri. Ereneus K Marbaniang,
SMS (Extension).



Application of neem formulation in paddy field

Nursery raising of paddy seed variety Meg 2 a short duration with a quantity of 25 kg was done in May followed by transplanting in June at a spacing of 15 x 15 cm. In every crop stage, the farmers' friend were exposed to the field witnessing the common pest and disease and different demonstration were demonstrated. The common insect pest like stem borer and leaf folder was controlled using neem formulation and improved variety Megha 2 from ICAR (RC) for NEH Region, Umiam. During harvesting stage a farmer could get a yield of 350 kg from 20 kg



Harvesting of paddy by the farmers



Paddy threshing using Paddy thresher in the farmers field

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