

Training program on Eco-friendly Pest Management in Vegetable Crops and Farmers- Scientists Interaction programme on Climate Change Adaptation under SCSP-NICRA

One day training Programme on 'Eco-friendly Pest Management in Vegetable Crops' and Farmer-Scientists Interaction on 'Climate Change Adaptation' under SCSP-NICRA programme was organized by ICAR Research Complex for NEH Region, Tripura Centre, Lembucherra on 30th November 2019 at Brahmanpuskuni village, West Tripura. About 100 farmers from village participated in the programme. Dr. Anup Das, Principal Scientist (Agronomy), Dr. Gulab Singh Yadav, Scientist (Agronomy), Dr. Vinay Singh, Scientist (Poultry Science), Mr. Satyapriya Singh, Scientist (Entomology), Mr. Ripan Chandra Das, JRF under NMSHE, From ICAR Research Complex for NEH Region, Tripura Centre, Lembucherra and Mr. SreeCharan Das, Upapradhan of PachimKamalghatGram Panchayat was present as resource person in the programme. Dr. Anup Das, PS (Agronomy) sensitized the farmers on climate change adaptation and discussed about various aspects of scientific integrated farming system to cope with changing climate. Dr. G.S. Yadav, Scientist (Agronomy) interacted with the farmers on off-season vegetable cultivation and utilization of rice fallow land for doubling farmer's income. Dr. Vinay Singh, Scientist (Poultry Science) interacted with the farmers on management of backyard poultry farming under changing climatic conditions. Mr. Satyapriya Singh, Scientist (Entomology) interacted with the farmers on eco-friendly pest management practices as the villagers are cultivating vegetables and using pesticides for plant protection measures. He emphasized on identification of harmful and beneficial insects for efficient use of pesticides. The awareness was created for the impact and consequences of improper use of



chemicals on health and ecosystem. Farmers were sensitized about safety measures to be undertaken

before, after and during the application of pesticides. Waiting period after applying chemicals and before harvesting was discussed with the farmers. Finally the disease and pest problem of crop viz. Brinjal, lablab bean, and other vegetables were discussed and integrated pest management strategy was suggested to the farmers. It was advised that the integrated approach of pest management involving bio-pesticides, cultural practices, resistant varieties along with need based use of chemicals is the key to manage pest efficiently which is ecologically acceptable, economically feasible and environmentally sustainable. The open interaction was highly appreciated by the farmers. One of the innovative vegetable farmer Mr. Nepal Debnath narrated that he is earning about Rs. 3 lakh/kani by adopting intensive lablab bean (Sem)- spine gourd (karkol) system instead of growing rice. ICAR Tripura Centre, Lembucherra has been trying to popularise and disseminate this innovative system of vegetable production for doubling farmers income. Mr. SreeCharan Das, Upapradhan of Pachim Kamalghat Gram Panchayat assured all possible cooperation from the village for success of the program. Dr. Anup Das, GS Yadav, Vinay Singh, Satyapriya Singh, Ripan Chandra Das, SreeCharan Das and farmers representatives together distributed various inputs like chicks of dual purpose poultry (500 numbers), poultry feeds (5 kg to each farmers as starter feed), one electric water pump with accessories, power operated sprayer (2 numbers) and rose can (10 numbers) to the participating farmers. It was suggested to establish a Custom Hiring centre for the benefit of the villagers. Mr. Ripan Chandra Das, project fellow offered vote of thanks at the end of the program.