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FARMERS IN MIZORAM SUCCESSFULLY PRODUCE SEEDLESS CUCUMBER IN POLYHOUSES

The Farmers of Mizoram are now successfully producing seedless cucumber in polyhouses established in their fields since last two years. This has been possible by a partnership project of Institute of Horticulture Technology-Mandira, Assam and Institute of Bio resources and Sustainable Development-IBSD, Mizoram. Demonstration on protected cultivation of hybrids of tomato, cucumber/capsicum was undertaken along with the capacity building training programmes of the farmers and youth of the Thingdawl, Mizoram.

The farmers are now well trained for the protected cultivation of cucumber as IHT has periodically provided on site trainings and hand holding of the beneficiary farmers which has resulted in adoption of the technology by the farmers. The farmers were provided support for market linkage of their produce; this resulted in increasing their farm income.

The state of Mizoram is endowed with unique geo climatic situation offering excellent scope for growing different horticultural crops particularly vegetables such as tomato, capsicum and cucumber. The practice of Jhum cultivation has been a threat to sustainable development of horticulture in this state. Essentially, therefore open production system of vegetable growing needs to be complemented with technological interventions for better produce and also protected cultivation which will not only lead to adoption of sustainable production systems as against Jhum cultivation but will also provide off season advantage for vegetable production and better marketing in the region.

Dr T. Janakiram, Assistant Director General of Indian Council for Agriculture and Research (ICAR) during a visit to Mizoram also mentioned high potential for horticultural crops like quality vegetables and flowers for the state Mizoram. He also suggested that contingency plans to be formulated to overcome constraints in transportation, labour and water management so that the farmers would have a good market linkage.



CAPACITY BUILDING TRAINING PROGRAMS

Vegetables' growing is most preferred by farmers due to quick and high returns and several vegetable crops are preferred in crop diversification. Institute have successfully completed training program on "Production Technology of Green Vegetable Crop" - Supervisor Level – 1 for one month for entrepreneurs' from Karnataka and five days training program on "Protected Cultivation of Vegetable Crops" for trainees from Delhi and Uttar Pradesh.



Interactive Lecture and Hands on Training Session

They were highly interested during their visit to Technology Park of IHT. They were provided hands on trainings in the protected cultivation for vegetables. The major components of the course were soil health management, soil sterilization, solarization, nursery production, bed preparation – soil and soilless, amendments, pH, EC correction, mulching – organic and inorganic, nutrient management, integrated pest management, post-harvest handling, storage in zero energy chamber. The trainees found the program very useful being practical oriented which helped in understanding the technologies involved in the protected cultivation and developing their entrepreneurial skills.



Exposure Visit at Technology Park and Certificate Distribution

Exposure Visit of Jharkhand Farmers to Anand, Gujarat

Institute of Horticulture Technology organized an outside state exposure visit program for the farmers from Gumla, Pakur, Jamtara, Palamu and Simdega districts, Jharkhand from 14th to 18th Sep, 14th to 18th Sep, 17th to 21st Sep, 17th to 21st Sep and 18th to 22nd Sep 2019, respectively under State Horticulture Mission (SHM). The farmers visited various farms of Anand Agriculture University like vegetable production farms, horticulture nursery, medicinal plant nursery, greenhouses, plant protection department, blocks of new varietal research plots and Agriculture Technology Information Centre. The farmers along with the faculty members of IHT and experts visited to farms where okra which is red in colour is being produced. The farmers interacted with eminent scientists from Horticulture Division of the university.

The farmers also visited Amul Dairy farm to see various new techniques of products practiced by Amul Dairy. The expert explained the farmers the technologies used for the cultivation of vegetables and other horticultural crops other than the dairy production and value addition. The farmers visited to the world's tallest statue "Statue of Unity" and "Sardar Sarovar Dam" on the river Narmada.



Exposure Visit of Jharkhand Farmers to Anand, Gujarat



FEEDBACK

The participants found the exposure visit and trainings very informative and felt that more visits and trainings like this should be organized by institute. The information given by experts and faculty was a great learning experience, giving them an overview of the innovative production technologies of crop production. They were very much interested in producing green vegetables in their own farms/villages as most of them have their own land and belongs to a farmer family.

7. आपको संस्थान के माध्यम से भ्रमण कार्यक्रम कैसा लगा ?

संस्थान के माध्यम से भ्रमण कार्य का बहुत ही अच्छा लगा सरला बल्लभ आई के बारे में जानकारी और इससे कुछ के बारे में विचार रूप जानकारी मिली

Feedback given by Jharkhand's Farmer

Future Trainings

Training	Duration	Starting Date	Closing Date
Supervisor Level 1	1 Month	04.11.2019	03.12.2019
Hydroponics Level 1	1 Month	04.11.2019	03.12.2019
Mushroom Production	3 Weeks	Every Monday from November to March	
Floriculture and Landscaping	1 Month	Open	

THOUGHT OF THIS MONTH

Agriculture has become essential to life; the forest, the lake, and the ocean cannot sustain the increasing family of man; population declines with a declining cultivation, and nations have ceased to be with the extinction of their agriculture.



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इंस्टीट्यूट ऑफ हॉर्टीकल्चर टेक्नोलॉजी
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