



Integral Institute of Agricultural Science & Technology (IIAST) Integral University, Lucknow

Brief Report

on

“Quality improvement and training program for mint production”

(पुदीना उत्पादन के गुणवत्ता सुधार और प्रशिक्षण कार्यक्रम) Organized by

Department of Agriculture, Integral Institute of Agricultural Science & Technology (IIAST), Integral University, Lucknow

In Collaboration with

Spices Board (Ministry of Commerce and Industries, GoI) Regional Office, Barabanki

Mint is a highly commercial oriented crop and is mostly sold as a cash crop. The type of mint is distinct from "pudina," which is frequently used as a culinary herb. This is one of the most important essential oil plants which is frequently used in cosmetic, medicinal, and other products. In India, the crop is grown on roughly 2 lakh hectares of land, 90% of which is in the state of Uttar Pradesh. Barabanki is one of the main growing regions for the crop; there, menthol mint occupies almost 80,000 hectares of land. Thus gives a financial edge to the barabanki farmers. According to experts, the Terai region, where Barabanki is located, is perfect for growing mint. Putting that into the preference a one day “**Quality Improvement Training Programme on Mint**” was organized by Department of Agriculture, Integral Institute of Agricultural Science & Technology (IIAST), Integral University, Lucknow in collaboration with Spices Board (Ministry of Commerce and Industries, GoI) Regional Office, Barabanki on 25th February, 2023 at village-Farestipur, Gadia, District-Barabanki.

Dr. Ambreesh Singh Yadav, Associate Professor, Department of Agriculture, IIAST, Integral University briefed about “*Organic farming for Sustainable Production*”. Dr. Yadav illustrated farmers that due to injudicious use of fertilizers and faulty agronomic practices, the organic carbon content gets lower in soils and ultimately soil health is hampered. He urged farmers to use on and off farm wastes, compost, green manuring, vermicompost etc. to enrich the organic carbon content in soil. He described in details the scientific procedure of different organic manure preparations and use of IPM technologies for pest management.

Mr. Sandeep Singh Yadav, Assistant Director, Spices Board (Ministry of Commerce and Industries, GoI) Regional Office, Barabanki, emphasized on the importance of Mint quality for extraction purposes and implementation of development schemes (Mint Distillation unit, QGBG, exposure visit QITP programme etc.) of Spices Board, India. He informed that 52 spices of mint are cultivated in our country. India is the leading exporter of mint oil in the world, and U.P. accounts for 85 per cent

of the country's total acreage. He also enlightened the farmers about different schemes of Spices Board India related to Mint cultivation, processing and export qualities (for individual farmer Mint distillation unit and for FPO Quality Gap Bridge Group).

Mr. Nadeem Khan, Assistant Professor, Department of Agriculture, IIAST, Integral University briefed on “*Importance of natural farming*”. He mentioned the importance of cow in farming practices for preparing various eco-friendly Agricultural inputs like Bijamrit, Jeevamrit, Ghanamrit, Dashparni etc. from cow dung, urine and other natural products. The integration of livestock into the farming system helps to restore the ecosystem.

The training programme was attended by 59 participants including farmers, Ist year students of B.Sc. (Agriculture) and M.Sc. (Agronomy) Department of Agriculture, IIAST, Integral University, Lucknow. The training programme ended with concluded notes by Dr. Abhineet Singh, Assistant Professor, Department of Agriculture, IIAST, Integral University, where he expressed gratitude to Mr. Sandeep Singh Yadav for sharing his experiences and important information about mint quality with his informative lecture. He also thanked the management of Integral University for providing the opportunity and other logistics to support such an informative programme.

Glimpses of the program





फरेस्तीपुर में एक दिवसीय प्रशिक्षण कार्यक्रम का किया गया आयोजन

संवाददाता

नवाबगंज बाराबंकी। तहसील नवाबगंज की ग्राम पंचायत गदिया मजरे फरेस्तीपुर में स्पाइस बोर्ड प्रदेश कार्यालय बाराबंकी एवं कृषि संकाय इंटीग्रेल विश्वविद्यालय के सहयोग से पुदीने की गुणवत्ता सुधार पर एक दिवसीय प्रशिक्षण कार्यक्रम का आयोजन भानू प्रताप वर्मा के फार्म हाउस पर किया गया पुदीना पर गुणवत्ता सुधार प्रशिक्षण कार्यक्रम का शुभारंभ डॉ० नदीम खान के द्वारा किया गया डॉ० ए एस यादव द्वारा जैविक खेती के बारे में विस्तार से चर्चा की गई जिसमें उनके द्वारा विभिन्न जैविक खादों के बनाने का बीज का शोधन तथा कीट एवं रोगों का प्रबंधन जैविक विधि से करने पर चर्चा की गई वहीं डॉ०संदीप सिंह यादव सहायक निदेशक प्रदेशिक कार्यालय बाराबंकी ने विभिन्न मसाला वाली फसलों के बारे में विस्तार पूर्वक किसान भाइयों के बीच चर्चा की गई उनके द्वारा स्पाइसेस बोर्ड वाणिज्य एवं उद्योग मंत्रालय



भारत सरकार द्वारा संचालित विभिन्न योजनाओं के बारे में कृषकों को अवगत कराया गया इसके अलावा प्रशिक्षण कार्यक्रम में कृषकों द्वारा पूछे गए विभिन्न प्रश्नों के उत्तर भी दिए गए, डॉ० नदीम खान सहायक प्राध्यापक सस्य विज्ञान द्वारा प्राकृतिक खेती पर अपने विचार साझा करते हुए इसको अपनाने पर जोर दिया व उनके द्वारा प्राकृतिक खेती के विभिन्न योजनाओं पर चर्चा की गई तथा इसके लाभ एवं प्रभाव के

बारे में किसानों को विस्तार पूर्वक जानकारी दी गई इस कार्यक्रम का संचालन डॉ०सबा सिद्दीकी विभागीय अध्यक्ष कृषि संकाय इंटीग्रेल विश्वविद्यालय लखनऊ द्वारा किया गया, इस मौके पर कृषक अंबर प्रसाद वर्मा, रवि कुमार, प्रदीप वर्मा, मनजीत कुमार, बलदेव सिंह, संतोष कुमार यादव, गजेंद्र वर्मा, भूपेंद्र सिंह, भानु प्रताप वर्मा, कुंडल वर्मा, दीपू वर्मा, अनिल कुमार गौतम सहित लगभग पांच दर्जन किसान मौजूद रहे।