

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

Report on one day training programme on soil reclamation and soil amendments themed upon “Training on Sustainable Soil Management”

(स्थायी मृदा प्रबंधन पर प्रशिक्षण)

The Department of Agriculture, Integral Institute of Agriculture Sciences and Technology (IIAST) organized a specialized training program on 29th September, 2018, themed upon “Sustainable Soil Management “in the village of Khwaja ka Purva. This initiative aimed to address critical issues related to soil health and management, with a focus on soil reclamation, amendments and promoting awareness about soil testing.

The training program was meticulously designed to provide participants with comprehensive knowledge and practical skills in sustainable soil management practices. Through a combination of lectures, field demonstrations, and interactive sessions, farmers were introduced to various aspects of soil reclamation, including techniques for soil improvement, erosion control and land restoration and reclamation. Additionally, the program emphasized the importance of soil testing as a diagnostic tool for assessing soil health and guiding nutrient management decisions, with a specific focus on promoting the soil testing among farmers. Dr. Khalid Habib introduced the participants to a range of soil amendment strategies, including organic and inorganic amendments, cover cropping, crop rotation, and agroforestry techniques. Dr. Habib educated on the benefits of soil testing in optimizing nutrient management, improving crop yields, and mitigating environmental impacts. Special emphasis was placed on promoting the use of soil health cards as a user-friendly tool for farmers to assess soil health parameters.

The Program was observed under the guidance of Prof (Dr.) Mohd. Haris Siddiqui, Dean, Faculty of Agricultural Science and Technology, Integral University and Dr. Saba Siddiqui, Head, Department of Agriculture, IIAST, Integral University. Dr. Khalid Habib and Mr. Sandeep K. Singh equipped the farmers with positive outcomes in terms of enhancing participants' understanding and skills in sustainable soil management practices. Participants expressed increased awareness and appreciation for the importance of soil health and the role of soil testing in informed decision-making.

Glimpses of the training

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