



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

Brief report on Kisan Goshthi organized by Department of Agriculture, IIAST at Anwari village on the theme “Integrated Pest Management (IPM) in Agriculture”

“कृषि में एकीकृत कीट प्रबंधन (आईपीएम)”

The Department of Agriculture which is committed and dedicated to farmers' welfare undertakes several initiatives to support and empower farmers. In accordance with it, a Kisan Goshthi was organized by the Department of Agriculture, Integral Institute of Agricultural Science & Technology (IIAST) on 4th May 2024, at Anwari Village, under the guidance of Prof. Mohd Haris Siddiqui, Dean, Faculty of Agricultural Science and Technology and Dr. Saba Siddiqui, Head, Department of Agriculture, IIAST. The faculty coordinators were Dr. Ambreesh Singh Yadav, Dr. Usman Sayeed, and Dr. Kalpana Bisht along with the students of B.Sc. (Hons.) Agriculture. The theme of the Goshthi was “Integrated Pest Management (IPM) in Agriculture”

The Goshthi was observed under the direction of Prof. (Dr.) Mohd Haris Siddiqui, Dean, Faculty of Agricultural Science and Technology and Prof. Saba Siddiqui, Head, Department of Agriculture, IIAST. Dr. Ambreesh Singh Yadav, Associate Professor, Department of Agriculture, IIAST welcomed the farmers and showcased the procedure for soil sampling by conducting a practical demonstration in the farmers' fields. He explained the step-by-step process of collecting soil samples, emphasizing factors such as depth, location, and frequency of sampling. The demonstration included techniques for proper soil sampling equipment usage, ensuring representative samples, and maintaining accuracy throughout the process. Further, Dr. Usman Sayeed discussed the significance of soil sampling in assessing soil fertility, nutrient levels, and overall soil health, highlighting its importance for informed decision-making in agricultural practices. The farmers were encouraged to actively participate and ask questions, facilitating a better understanding of the soil sampling process and its relevance to their farming activities. Dr. Kalpana Bisht's insights into implementing Integrated Pest Management (IPM) emphasize a holistic approach that integrates multiple pest control methods while promoting sustainability, profitability, and environmental stewardship in agriculture. She advised on managing mango pests through Integrated Pest Management (IPM) techniques, how the introduction of natural predators like parasitic wasps manages fruit flies also she demonstrated the functioning of pheromone traps to monitor and capture male fruit flies, disrupting their mating cycle.

The Goshthi witnessed participation from over 40 attendees. The feedback received from the farmers reflected high satisfaction with the organization of the Kisan Goshthi and the quality of content delivered. This positive response underscores the effectiveness of such initiatives in bridging the gap between academia and the farming community and fostering a collaborative environment for mutual learning and growth for the students as well.

Glimpses of the Goshthi



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