



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

Brief report on Kisan Goshti organized by Department of Agriculture, IIAST on “Efficient use of organic amendments” in Lalpur Village

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The Kisan Goshti organized by the Department of Agriculture at IIAST on "Efficient Use of Organic Amendments," held on May 3, 2022, in Lalpur Village in collaboration with K.V.K Sitapur, highlighted the crucial role of organic amendments in sustainable agriculture. Recognizing the growing interest in organic farming practices and the need to reduce reliance on synthetic inputs, this event aimed to educate farmers about the benefits and best practices associated with the use of organic amendments. By promoting efficient utilization of organic resources, the goshti sought to enhance soil health, fertility, and productivity while minimizing environmental impacts and improving long-term sustainability. The Goshti was observed under the guidance of Prof. Mohd Haris Siddiqui, Director, Integral Institute of Agricultural Science and Technology and Dr. Saba Siddiqui, Head, Department of Agriculture, IIAST.

Dr. Khalid Habib, Assistant Professor at the Department of Agriculture, IIAST, shared valuable insights into the efficient use of organic amendments, drawing upon his expertise in soil science and nutrient management. His discussion emphasized the importance of selecting appropriate organic materials, such as compost, vermicompost, and farmyard manure, based on their nutrient content, decomposition rate, and impact on soil structure. Dr. Habib highlighted the significance of balanced nutrient management and the role of organic amendments in enhancing soil organic matter, nutrient availability, and overall crop health, tailored to the specific needs and conditions of farmers in Lalpur Village.

Dr. P. Smriti Rao, Assistant Professor at the Department of Agriculture, IIAST, complemented Dr. Habib's insights by focusing on practical strategies for optimizing the use of organic amendments in agricultural systems. Through her expertise in soil science, Dr. Rao introduced farmers to innovative techniques such as cover cropping, crop rotation, and mulching, aimed at maximizing the benefits of organic amendments while minimizing nutrient losses and environmental degradation. Her presentation emphasized the importance of integrating organic farming principles with modern agronomic practices to achieve synergistic effects and improve overall farm productivity and resilience.



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Through interactive discussions and hands-on demonstrations, the goshti facilitated knowledge exchange and capacity building among farmers, empowering them with the skills and resources necessary to adopt more sustainable and environmentally friendly agricultural practices. By promoting the efficient use of organic amendments, the event not only aimed to improve soil health and crop productivity but also contributed to the conservation of natural resources and the promotion of biodiversity in Lalpur Village and surrounding areas. Overall, the Kisan Goshti served as a platform for promoting sustainable agriculture and fostering resilience in rural farming communities, aligning with the Department of Agriculture's commitment to promoting environmentally friendly and socially responsible farming practices.

Glimpses of the Goshti

