



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

Brief report on Kisan Goshti organized by Department of Agriculture, IIAST on “Storage techniques for Wheat crop”

(गेहूं की फसल के लिए भंडारण तकनीक)

On 12 December 2021, the Department of Agriculture at IIAST organized a Kisan Goshti (Farmer's Meet) in collaboration with K.V.K Sitapur focusing on Storage Techniques for Wheat Crop . The event aimed to educate local wheat farmers on effective methods of post-harvest handling and storage to minimize losses and maintain grain quality.

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. The faculty members. Dr. Khalid Habib, Assistant Professor, emphasized the importance of proper drying of wheat grains before storage to reduce moisture content and prevent mold growth and spoilage. He discussed techniques such as sun drying and mechanical drying using grain dryers to achieve optimal moisture levels. He highlighted the significance of providing adequate ventilation and airflow in storage facilities to prevent heat buildup and moisture condensation, which can lead to grain deterioration. Dr. Habib suggested installing fans or ventilation systems to maintain air circulation within storage structures.

Dr. Ayush Bhushan, Assistant Professor, Department of Agriculture emphasized the importance of using appropriate storage containers such as clean, dry, and airtight bins or silos to maintain grain quality during storage. He discussed the advantages of metal bins or concrete silos over traditional jute bags in preventing moisture ingress and pest infestations. He stressed the need for regular monitoring of stored wheat for signs of moisture buildup, Mold growth, or pest activity. He advised farmers to inspect stored grain periodically and take corrective actions promptly to prevent losses. He provided practical tips on proper stacking and organization of stored wheat to facilitate airflow and minimize compaction. He recommended avoiding overfilling storage containers and leaving space between stacks for ventilation.

Overall, Dr. Khalid Habib and Dr. Ayush shared valuable insights and practical advice on storage techniques for wheat crop, equipping farmers with knowledge and tools to enhance post-harvest management practices and preserve grain quality.



Glimpses of the Goshti

