



**Brief report on Kisan Goshti organized by Department of
Agriculture, IIAST
on
Integrated Disease management in Crops
(फसलों में एकीकृत रोग प्रबंधन)**

Integrated Disease Management (IDM) in crops involves combining biological, cultural, physical, and chemical methods to control diseases effectively. It emphasizes the use of resistant crop varieties, crop rotation, and timely application of environmentally friendly pesticides. This approach aims to minimize the reliance on chemical treatments while promoting sustainable agricultural practices. Thus to educate the farmers about these aspects, Department of Agriculture, Integral Institute of Agricultural Science & Technology (IIAST) organized a Kisan Goshti on 18th May 2024 to enlighten the farmers of the Dasauli Village on “Integrated Disease management in Crops”.

The Goshti was observed under the guidance of Prof. Mohd Haris Siddiqui, Dean, Faculty of Agricultural Science and Technology and Prof. Saba Siddiqui, Head, Department of Agriculture, IIAST. The faculty members Dr. Faria Fatima, Dr. Udayveer and Dr. Shipra Yadav along with supporting staff Mr. Sharad and Mr. Sooraj Awasthi accompanied students of B.Sc (Hons.) Agriculture to Dasauli Village where the Goshti was organized. Dr. Faria Fatima, Associate Professor emphasized on the role of Integrated Disease Management (IDM) in crops that integrates multiple strategies to control plant diseases sustainably and effectively that includes biological control, which utilizes natural predators, beneficial microorganisms and biopesticides to suppress disease-causing pathogens. Dr. Udayveer, Assistant Professor, discussed on cultural practices, such as crop rotation, sanitation, planting resistant varieties and optimizing planting times which help to reduce disease incidence. He also informed that chemical control should be applied judiciously, using fungicides and other treatments only when necessary, based on monitoring and threshold levels to minimize environmental impact. IDM in agriculture fosters technological advancements and drives sustainable agricultural growth and this congruent with SDG 2 (Zero hunger). Dr. Shipra Yadav, Assistant Professor, Department of Agriculture, IIAST delivered information on numerous techniques for utilizing physical and mechanical methods, like soil solarization, mulching and removal of infected plant parts, are employed to prevent



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disease spread. IDM aims to reduce reliance on chemical controls, lower production costs, and minimize environmental impact while maintaining crop health and productivity.

The goshti was attended by 20 farmers. The farmers of Dasauli actively engaged in interactive sessions with agricultural experts during the Kisan Goshti. The event yielded successful outcomes, evident from the positive feedback received from the farmers. Their queries were effectively addressed, fostering a productive exchange of knowledge. Upon collecting feedback from the farmers, it became apparent that a significant majority expressed satisfaction with the event's organization and the valuable information shared by the experts, highlighting the event's high quality and usefulness.

Glimpse of the Program





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