



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

Brief report on Kisan Pathshala on Integrated Weed Management for Productive Farms (उत्पादक खेतों के लिए एकीकृत खरपतवार प्रबंधन) by Department of Agriculture, IIAST on 16th February 2021 in Palka village

The Kisan Pathshala on "Integrated Weed Management for Productive Farms," was organized by the Department of Agriculture, IIAST, on 16th February 2021 in Palka village, proved to be a significant initiative in addressing agricultural challenges. The event aimed to educate participants on holistic weed management practices to enhance farm productivity sustainably.

The Pathshala was observed 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 Er Udayveer and Dr Shipra Yadav along with the supporting staff Mr. Sharad Kumar and Mr Mohd Mued accompanied the students of B.Sc. (Hons.) Agriculture to the Palka village where the Pathshala was organised.

The session commenced with an overview of the detrimental effects of weeds on crop yield and quality, emphasizing the need for integrated strategies to combat them effectively. Various approaches, including cultural, mechanical, chemical, and biological methods, were discussed in detail, highlighting their respective benefits and limitations. Farmers were encouraged to adopt a combination of these techniques tailored to their specific cropping systems and environmental conditions. Demonstrations and practical sessions were conducted to showcase the application of diverse weed management techniques. Farmers actively engaged in hands-on activities, learning how to identify common weed species, implement preventive measures, and utilize appropriate tools and herbicides judiciously. The importance of crop rotation, mulching, proper irrigation, and timely cultivation practices in weed suppression was underscored, promoting a holistic approach to farm management.

Moreover, the event emphasized the significance of integrated weed management in reducing reliance on chemical herbicides, minimizing environmental pollution, and preserving soil health. Participants were encouraged to adopt sustainable practices that promote ecological balance while optimizing agricultural productivity. This Kisan Pathshala served as a platform for knowledge exchange, empowering farmers with practical insights and skills to address weed-related challenges effectively. By promoting integrated weed management practices, the event contributed towards building resilient and productive farming systems, thereby fostering agricultural sustainability and rural development in the region.



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

Glimpses of the event

