

ICAR and KVK celebrate Dussehra with farmers in their fields

Senior ICAR officials and scientists visit Khatodhara village and review green ammonia demonstrations

Mahendergarh.

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Senior officials and scientists of the Indian Council of Agricultural Research (ICAR) inspected demonstrations organised by Krishi Vigyan Kendra (KVK), Mahendergarh, of Chaudhary Charan Singh Haryana Agricultural University (CCS HAU), Hisar, in village Khatodhara. The demonstrations assess the effectiveness of green ammonia as an alternative to urea in mustard. On the occasion, the officials celebrated Dussehra with the farmers and reviewed the demonstrations under way in their fields. They also inspected the mustard crop sown after green ammonia application and found the crop establishment good at the early stage.



Dr. Rajbir Singh, Deputy Director General (Agricultural Extension), ICAR, said that liquid ammonia contains about 82 percent nitrogen. It has been placed in the soil at a suitable depth using specialized equipment. The potential for better nitrogen availability to the crop and higher nitrogen use efficiency will be assessed. He directed the KVK scientists to give farmers accurate and practical information on new agricultural technologies. He stressed the need to keep systematic records of crop growth, yield, fertiliser use, production cost and economic returns during the demonstrations, so that the technology's effectiveness can be evaluated scientifically on the basis of the results. He also stressed maintaining continuous dialogue between scientists and farmers and communicating the findings of the demonstrations to farmers.

Dr. A. K. Nayak, Deputy Director General (Natural Resource Management), ICAR, said the initiative aims to identify nitrogen management options for mustard growers in Mahendergarh district that are effective, affordable and resource-efficient. He urged farmers to convey their farming problems and technical needs to ICAR and CCS HAU, Hisar, through the KVK, so that solutions can be found through scientific research.

Dr. Naresh Yadav, Senior Coordinator, KVK Mahendergarh, said that green ammonia demonstrations have been conducted on about 300 acres of mustard in farmers' fields across the district. The demonstrations aim to assess the effectiveness of green ammonia in mustard, along with crop growth, production and economic benefits. He said the data from the demonstrations will be used to evaluate the technology scientifically, helping farmers learn about suitable nitrogen management options in future.

Those present included Dr. Har Narayan Meena, Principal Scientist, ICAR-ATARI, Jodhpur; Dr. Gajendra Yadav and Dr. Amrish Chaudhary of ICAR-Central Soil Salinity Research Institute; Dr. Surender of the Department of Microbiology, Central University of Haryana; Dr. Ajay Yadav, Sub-Divisional Agriculture Officer; and Dr. Rajpal Yadav, Soil Scientist and Project In-charge of the KVK's green ammonia project, along with Co-in-charge Dr. Narender Yadav. KVK scientists Dr. Ashok Kumar, Dr. Ashish Shivran and Dr. Poonam, other scientists and farmers were also present.

Source : ICAR-Agricultural Technology Application Research Institute, Zone-II, Jodhpur