

A three-day training programme on “Assessment and Management of Micronutrients in Soil-Plant System” was organized by the Division of Soil Science and Agricultural Chemistry, ICAR-Indian Agricultural Research Institute (IARI), New Delhi from 25th to 27th May 2026 for the participants from the Indian Micro Fertilizers Manufacturer Association (IMMA), Pune, Maharashtra. The programme was conducted under the guidance of Dr. Debashis Mandal as Course Director, while Drs. M.C. Meena, Mandira Barman, Prasenjit Ray and Debasis Golui served as Course Coordinators.

The training programme was designed to provide comprehensive knowledge on micronutrient dynamics in soil-plant systems, assessment of micronutrient deficiencies, fertilizer quality control, soil testing methodologies, nutrient interactions, and advanced fertilizer technologies for improving nutrient use efficiency. The programme also aimed to strengthen the understanding of modern approaches for sustainable micronutrient management in agriculture.

The programme commenced on 25th May 2026 with registration and inauguration. The first day covered soil properties affecting micronutrient availability, micronutrient status in Indian soils, nutrient uptake mechanisms, micronutrient interactions, and fertilizer quality control. On the second day, sessions focused on soil organic carbon, soil testing and fertilizer recommendation, bio-stimulants, and novel fertilizer materials for improving nutrient use efficiency and reducing environmental losses. The final day of the training programme included a session on micronutrients in soil-plant systems and their management, followed by feedback from participants and the valedictory programme. Participants actively interacted with the experts and discussed practical issues related to micronutrient fertilizer production, soil testing and nutrient management strategies. As per the feedback from the participants, the training programme was highly informative, interactive and beneficial for the participants. It enhanced their understanding of micronutrient management and advanced fertilizer technologies for sustainable crop production. The participants appreciated the relevance and quality of the lectures and expressed keen interest in similar training programmes in the future.



