

Recent Advances in Micronutrient Research and Application in Horticultural Crops



Fertiliser Association of India-Western Region, Mumbai organised a National Seminar on **Recent Advances in Micronutrient Research and Application in Horticultural Crops** at Pune on 11 August 2025. Forty-one participants from 19 organisations took the advantage of the Seminar. It was inaugurated by Dr. Suresh Kumar Chaudhari, Director General, FAI.

In his address, DG, FAI covered the areas of importance of micronutrients, though required in small amount but as important as macronutrients, such as year-wise and nutrient-wise emergence of deficiencies of such nutrients; increased cultivation of horticultural crops more so in western and southern states and also in poly-houses; development of new formulations namely chelate-based, oxide-based, fortified fertilisers with micronutrients, glycine-based Zn & B, nano Zn and nano Cu; research impetus to improve use efficiency; hidden hunger; anemia in lactating women and children due to Fe deficiency; impact of Zn deficiency on immune system and growth retardation in children; need of collaboration between research scientists and fertiliser industry to develop need-based products/application techniques having better nutrient use efficiency, etc.

Dr. Sharad Gadakh, Vice Chancellor, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola and Mahatma Phule Krishi Vidhyapeeth, Rahuri; Dr. N.G. Patil, Director, ICAR-National Bureau of Soil Survey and Land Use Planning, Nagpur; Dr. Vijay Mahajan, ICAR-Directorate of Onion and Garlic Research, Rajgurunagar, Pune; Mr. D. Ramakrishnan, Secretary, FAI, New Delhi and other concerned shared the knowledge related to the subject.
