



The Role of Macro- and Micronutrient in Plant Growth and Development

Guest Editor:

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Message from the Guest Editor

Plant growth and development is largely determined by nutrient availability in soil. Thus, to ensure better crop productivity and quality, it is essential to understand the dynamics of nutrient uptake, interactions, factors affecting their availability, etc. Crop plants are frequently subjected to nutrient imbalance, which adversely affects several metabolic processes and, in turn, crop yields. Balanced fertilization, recycling of crop residues, agronomic biofortification, application of micronutrients in soil, biofertilizers, etc. offer good solutions to overcome nutrient deficiency. The increasing deficiency of nutrients, especially micronutrients, is being reported in several parts of the world; high-yielding crop varieties, the sole application of straight fertilizers, the non-addition of organic manures, imbalanced fertilization, etc. are a few reasons for deficiencies. Nutrient deficiencies are emerging as an obstacle in the way of sustainable crop production.





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Message from the Editor-in-Chief

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