

## Special Issue

# Soil Fertility and Plant Nutrition for Sustainability

### Message from the Guest Editors

With increase of population growth, the demand for food is escalating and farmers are compelled to grow several crops on a single piece of land—a farming practice commonly known as intensive agriculture. Nutrient management is often challenging under intensive agriculture, since the rate of nutrient harvesting is higher than that of nutrient supplementation. Although a portion of the nutrients are supplemented, these nutrients are not applied in balance with the soil nutrient demand. A few nutrient elements in particular are applied in large quantities, while other limiting nutrient elements are not applied, resulting in a low use efficiency of the applied nutrient elements. We encourage submission regarding:

- Nutrient application methods and their relative performance under intensive agriculture;
- Nutrient supplementation approaches and means with focus on balanced fertilizer application;
- Soil nutrient management through altering cropping pattern, and by crop rotation;
- Special application of nutrients including fertigation, deep urea placement, etc.;
- Use of bio/inoculant fertilizers singly or in combination with chemical fertilizers.

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### Guest Editors

Dr. Md. Kamal Uddin

Prof. Dr. Shamim Mia

Dr. Mahesh K Gathala

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### Deadline for manuscript submissions

closed (30 April 2023)



## Sustainability

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### Editor-in-Chief

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