



Nitrogen Fertilization in Vegetable Crops

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Message from the Guest Editors

Dear Colleagues,

Nitrogen (N) is an essential nutrient element for plant growth. N deficiency may lead to overall plant performance reductions. Its excessive use may cause environmental, ecological and health problems. Thus, achieving a worldwide reduction of N input is a major challenge that requires sustained actions to improve organic and inorganic N management and to reduce N losses into the environment.

The understanding of the biological and agronomic basis of N use efficiency (NUE) in vegetable crops is still an important research issue that needs to be investigated, using innovative agronomic, analytical, physiological, biochemical, and molecular biology approaches.

This Special Issue on “Nitrogen fertilization in vegetable crops” aims to collect research articles, reviews, short notes, and opinion articles related to inorganic and organic N fertilizer application and management solutions, NUE and horticultural crop yield response in open field, protected cultivation and in hydroponic systems.

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