

Special Issue

Integrated Water, Nutrient, and Pesticide Management of Fruit Crop

Message from the Guest Editors

Crop production challenges are multifaceted, of which abiotic and biotic stresses take the lion's share. Many agronomic practices have been used as means to alleviate stress-induced challenges. Thus we commenced this Special Issue, which will emphasize:

- Fertilizer types, method of application, sources, and time of application that impact plant growth and development;
- Resistant rootstocks to control the incidence of diseases (bacterial, fungal, or viral);
- Plant nutrition that affects fruit production and post-harvest quality;
- Irrigation methods and quantity of irrigation based on real-time weather data to enhance water use efficiency;
- Antibiotics, hormones, and thermotherapy that suppress the incidence of plant pests;
- Enhanced nutritional programs and/or in combination with insecticides;
- Cover crop and organic fertilizers to enhance soil health and crop yield.

This Special Issue aims to increase the perception of implementing sensible practices and methodologies during various growth and development stages of crop production systems, emphasizing stress-induced challenges.

Guest Editors

Dr. Davie M. Kadyampakeni

Dr. Alisheikh A. Atta

Dr. Said Hamido

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Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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