

Special Issue

Digital Agriculture Strategies to Guide Orchard Management for Premium Quality Fruits

Message from the Guest Editors

In today's fast-evolving agricultural landscape, the integration of digital technologies has become imperative for optimizing orchard management and ensuring the production of premium quality fruits. Digital agriculture strategies offer a multifaceted approach. These technologies enable farmers and orchard managers to monitor crucial factors like soil moisture levels, nutrient content, pest infestations, and weather patterns in real time, facilitating proactive decision-making to enhance fruit quality and yield. Overall, the adoption of digital agriculture strategies represents a transformative shift in orchard management practices, offering sustainable solutions to meet the demands for premium quality fruits in an increasingly competitive market. In this special issue, we welcome reviews and research papers on the following topics: Digital agriculture, Robotics, Orchard management, Precision farming, Sensor technology, Data analytics, Crop monitoring, IoT, Smart farming, Fruit quality assessment, Sustainable agriculture, Yield optimization and Real time monitoring.

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