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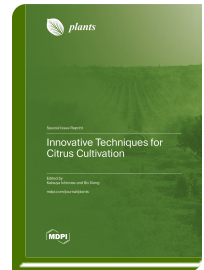
Special Issue Reprint

Innovative Techniques for Citrus Cultivation

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The Special Issue "Innovative Techniques for Citrus Cultivation" focuses on latest citrus agriculture advancements, emphasizing integrating innovative practices to boost productivity and sustainability. Its research articles cover key aspects like rootstock selection, which is pivotal for citrus growth, yield and quality. Notably, studies highlight new rootstocks (e.g., Citrus junos cv. Shuzhen No. 1) with marked improvements in tree vigor, photosynthetic activity and overall fruit quality, offering valuable insights for growers/breeders to optimize hybrid citrus cultivation. Besides rootstock progress, the Special Issue explores metabolomics application in analyzing biochemical composition of citrus fruits and leaves. This helps us to identify key metabolites influencing nutritional and sensory qualities, guiding breeding strategies for better fruit quality. Furthermore, it addresses abiotic stress challenges (drought, salinity) and presents innovative strategies to enhance citrus resilience. By focusing on stress tolerance mechanisms, studies aim to equip growers with knowledge to adapt to environmental changes and ensure sustainable production.

Overall, this Special Issue is a vital resource for researchers, agronomists and industry professionals for advancing citrus cultivation. Integrating innovative techniques and addressing key challenges, its findings aim to promote sustainable agriculture and improve global citrus production quality. The insights contribute to the scientific community and have practical implications for enhancing citrus farming's economic viability in diverse climates.



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