

Special Issue

Sustainable Potato Production: Emerging Strategies for Disease Prevention and Cultivation

Message from the Guest Editors

Potato (*Solanum tuberosum* L.) is a cornerstone of global food security, providing essential nutrition and economic stability for millions; however, its cultivation faces persistent challenges from biotic and abiotic stresses, including fungal, bacterial, viral pathogens, and extreme environmental stress. Climate change, intensified agricultural practices, and global trade further exacerbate disease spread and resistance evolution, threatening the sustainable production of potatoes. This Special Issue aims to consolidate cutting-edge research on innovative strategies for potato cultivation and disease management. We seek interdisciplinary studies that address efficient production, pathogen dynamics, host resistance, sustainable control practices, and the integration of advanced technologies. Topics include precision agriculture, field management in water, fertility and disease, interactions between pathogens and hosts, eco-friendly biocontrol agents, and climate-resilient farming systems.

Guest Editors

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Editor-in-Chief

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