

Special Issue

Influence of Plant Growth Substances on Vegetative Growth, Flowering, Fruiting and Fruit Quality

Message from the Guest Editors

Plant growth substances, including both endogenous hormones and exogenously applied growth regulators, play pivotal roles in determining crop growth, flowering, fruit set, and fruit quality. Understanding and manipulating these signals offer powerful tools for improving yield, fruit uniformity, and stress tolerance in modern agriculture. This Special Issue aims to synthesize recent advances in how growth substances regulate developmental and physiological processes in field and horticultural crops. We welcome studies that investigate practical applications of plant hormones or biostimulants to enhance vegetative growth, optimize flowering and fruiting, or improve postharvest quality. Submissions that integrate physiological, biochemical, and molecular perspectives to support sustainable crop production and quality improvement are particularly encouraged. Both experimental research and comprehensive reviews are invited.

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Editor-in-Chief

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