

Special Issue

Crops Chemical Control Principle and Technology

Message from the Guest Editors

Plant Growth Regulators (PGRs) and crop chemical control technology play an increasingly important role in inducing stress resistance, increasing yield and quality, saving labor and increasing efficiency. In recent years, there have been significant advances in the development and application of innovative PGR technology. Therefore, it is of the utmost important for future crop production that the current cutting-edge research relating to PGRs, the field application effect, and the principle of crop chemical control technology is reviewed. This Special Issue on “Crops Chemical Control Principle and Technology” focuses on the discovery and application of PGRs. Topics of interest include, but are not limited to:

- Discovery and preparation technology of new PGRs, natural or derived natural substances, or synthesized new compounds;
- Novel PGRs formulation and delivery technology;
- Efficiency evaluation and application technologies of PGRs in field crops or commercial crops;
- Interactions between PGRs applications and varieties, traditional cultivation techniques and environmental factors;
- Physiological or molecular mechanism of PGRs.

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