

Special Issue

Agronomic and Physiological Performance of Plants under Crop Management Practices

Message from the Guest Editors

Modern agriculture faces the dual challenges of increasing food supply and protecting the environment for sustainable agriculture. The implement of crop management practices to maintain and even increase plant productivity is a pervasive and notable feature of modern agriculture, and substantially more food can be grown on limited space of crop field to sustain the expanding populations. Research on all topics related to crop management practices, from understanding the mechanism of agronomic and physiological responses of plants to crop management practices, is a priority. This Special Issue is open to novel research, reviews and opinion articles covering all aspects of the responses and mechanisms of plant responses to series crop management techniques including managements of water, fertilizer, plant growth regulator, soil amendment, etc. Contributions on physiological, biochemical, and molecular studies of plants responses to crop management practices will be welcomed. The study object covers but not limited to grain crops, vegetables, and fruit trees.

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