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Advances in the Cultivation and Production of Leguminous Plants

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Message from the Guest Editors

Leguminous plants are a crucial source of food and feed protein globally. However, recent climate changes, including droughts, floods, and storms, have frequently led to reduced yields and productivity of these plants. Efforts to mitigate cultivation risks can be made through breeding and selection of more resistant/tolerant varieties that thrive and yield better in less favourable environmental conditions, seed inoculation with symbiotic bacteria, optimization of water and nutrient utilization by plants, modern agricultural techniques, and the use of innovative yield-enhancing agents. Progress in the cultivation and production of legumes is essential for ensuring food and feed security in many regions of the world. This Special Issue aims to showcase advancements in agrotechnology and the comprehensive production of leguminous plants, resulting in increased yield size and quality. It addresses challenges related to the adaptation of these plants to changing climate conditions and underscores the importance of leguminous plants in sustainable agriculture, including their role as nitrogen factories (biological fixation of atmospheric N).

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Message from the Editor-in-Chief

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