

Special Issue

Genetic Improvement of Soybean Nutrient Use Efficiency

Message from the Guest Editors

Soybean is an important legume crop that provides large amounts of proteins and oils for both human and livestock in the world. Meanwhile, soybean, distinct from other staple crops, acts as an environmentally friendly type of crop in sustainable agricultural systems because it may obtain N primarily from the atmosphere through symbiotic N₂ fixation (SNF) in coordination with rhizobia. In recent decades, excessive fertilizer application and low fertilizer utilization efficiency have not only resulted in a series of environmental problems such as eutrophication but also led to the waste of natural phosphate rock resources. It is necessary to develop crop cultivars with high fertilizer utilization efficiency in order to maintain sustainable agriculture production. Therefore, in this Special Issue, we aim to publish recent research advances in genetic improvement in nutrient use efficiency of soybean, including essential and beneficial nutrients.

Guest Editors

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