



Development of Tools for Diagnosing and Counteracting Ammonium Toxicity in Model and Crop Plants

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Message from the Guest Editors

For this *Special Issue*, we seek publications on recent advances in the development of tools to diagnose ammonium toxicity and counteract its negative impact on plant productivity in model and crop species in addition to critical overviews that emphasize future agronomic applications and breeding. Topics covered in these articles can include the identification of new physiological and metabolic indicators (primary or secondary N metabolism), new tools (application of biostimulants, metabolic modulators), technologies, and agricultural practices for determining and/or counteracting ammonium toxicity in crops along with their development and application in different agricultural systems (from the laboratory to the field or in soil-less culture systems).

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