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Plant Nitrogen Metabolism

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Nitrogen (N) is the mineral element required in the greatest amount by plants, and often represents a limiting factor for growth. Molecular factors involved in N fluxes (external uptake, intra- and inter-cellular movement), as well as N storage and assimilation, play crucial roles in the efficiency of plant growth and development. In addition, a new field of research recently contributed to the elucidation of signaling pathways providing cross-talk between nitrogen demands and plant developmental programs to guarantee a more efficient response to changes in N availability. Research contributions on these and other topics will be highlighted in this Special Issue, entitled “Plant Nitrogen Metabolism”.

Dr. Maurizio Chiurazzi

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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