

Special Issue

Agronomic Biofortification Practices on Crops

Message from the Guest Editors

Currently, the agri-food sector faces several challenges (such as land/hydric resource shortages and climate change) that could affect crop productions and quality, thereby impacting sustainability and food availability. Abiotic stresses (extreme temperature, drought/waterlogging, etc.) often imply adjustments to plants' mechanisms to safeguard survival and production. Agronomic biofortification practices are being developed/tested to increase mineral element levels in edible parts of various plants. These substances can be applied either to soils or the plants themselves (with fertilizers or foliar applications).

This Special Issue (where research articles and reviews are welcomed) aims to contribute to our scientific knowledge on innovative agronomic practices, mainly related to edible crops. Thus, research areas may include (but are not limited to) the optimization of fertilizers/foliar sprays in crop production and physiological and biochemical regulation of/improvements to plant tolerance amidst abiotic stress.

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