



Agronomy, Production Systems, Advanced Phenotyping, Breeding, Genetics and Genomics of Horticulture Crops

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Deadline for manuscript submissions:

closed (15 December 2023)

Message from the Guest Editors

Horticulture crop production and fruit quality traits are influenced by genetic and non-genetic factors. It is important to understand the production systems, agronomy, crop physiology, and pre- and post-harvest factors that affect overall production (yields) and fruit quality. There is limited knowledge about the use of advanced phenotyping tools coupled with a genomics-assisted program to measure the gene metrics of key desirable fruit quality traits when key developmental stages of horticulture crops face detrimental effects due to environmental changes. Further, we need to evaluate advanced phenotyping platforms for the measurement of tree agronomic and productivity traits coupled with consumer-driven fruit quality traits, as well as evaluate substantial changes in the environment where the plants are grown. This Special Issue deliberates on the approaches to measure the potential effect of environmental and biotic factors coupled with farm-level management practices in elucidating and improving horticulture crop productivity and consumer-driven fruit quality traits.





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Message from the Editor-in-Chief

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