

Special Issue

Progress in Horticultural Crops –from Genotype to Phenotype –2nd Edition

Message from the Guest Editors

Following the success of the first Special Issue “Progress in Horticultural Crops—from Genotype to Phenotype”

(https://www.mdpi.com/journal/agronomy/special_issues/R2ZCWQ40C3), we are pleased to announce the launch of a second series of the Special Issue. In recent years, new technologies are increasingly being used to bridge the genotype–phenotype gap in crop selection. This Special Issue focuses on the progress addressing phenotype variation and its underlying genotype basis in horticultural crops, including the following themes:

- All types of omics, including genomics, transcriptomics, proteomics, metabolomics and phenomics;
- Genetic engineering and genome editing;
- Organ formation and development, and the relevant genetic basis;
- Genetic analysis of tolerance or resistance;
- Genome biology and evolution;
- Genetic basis of quality and production;
- Stable and transient transformation technology.

Guest Editors

Dr. Guanglong Wang
Prof. Dr. Lijun Ou
Prof. Dr. Ai-Sheng Xiong

Deadline for manuscript submissions

closed (31 March 2026)



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Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

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