

## Special Issue

# Genetic Research on Soybean Quality and Disease Resistance

### Message from the Guest Editors

Soybean is the most economically important legume in the world, providing vegetable protein and ingredients for human and animal consumptions. Soybean seeds consist of about 40% protein and 20% oil, and improved oil and protein contents can increase the values of soybean.

Soybean diseases caused by various pathogens continuously suppress yield production in the world. However, the rapid evolution of such pathogens and newly emerging pathogens necessitates persistent efforts to seek new resistance germplasm and genes and to accumulate them into resistant soybean cultivars.

This Special Issue will therefore focus on the latest advances in the understanding of seed quality traits and disease resistance. Submissions of review or original research articles covering but not limited to the following themes are welcome:

(1) Genetic dissection of soybean quality traits and disease resistance, (2) soybean breeding for seed-related traits and disease resistance, (3) genotype environment interaction of seed compositions and (4) changes in virulence pathogens and their interaction with soybean varieties.

---

### Guest Editors

Dr. Sungwoo Lee

Department of Crop Science, College of Agricultural and Life Sciences, Chungnam National University, Daejeon 34134, Republic of Korea

Dr. Kyujung Van

Department of Horticulture and Crop Science, The Ohio State University, Columbus, OH 43210, USA

---

### Deadline for manuscript submissions

closed (30 November 2022)



## Agronomy

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.7



[mdpi.com/si/118239](https://mdpi.com/si/118239)

*Agronomy*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)

[mdpi.com/journal/  
agronomy](https://mdpi.com/journal/agronomy)





# Agronomy

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.7



[mdpi.com/journal/  
agronomy](https://mdpi.com/journal/agronomy)



## About the Journal

### 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.

*Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

---

### Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,  
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

#### Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)