

## Special Issue

# Research on Technologies for Achieving High-Yield Wheat

### Message from the Guest Editors

Achieving high-yield wheat is critical to ensuring global food security. There are lots of practical technologies to improve wheat yields. However, most of these technologies are superficial, and lack convincing experimental data and more in-depth mechanistic studies, especially from farmers or extension personnel. In addition, each year the breeders will announce new record-breaking yields of their wheat cultivars, as it seems the yield level is climbing annually; however, the explanations behind these new records are less studied and summarized. As far as we know, the yield record of wheat has already broken through 15.0 t/ha. Therefore, the technologies for achieving high-yield wheat should be thoroughly summarized and shared all over the world to increase wheat yield in large areas. This Special Issue focuses on single technology and the combined/integrated systematic technologies for achieving high-yield wheat. The effects of yield improvement and the underlying mechanism, from field to physiology, ecology, and even at the molecular level, should be presented.

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### Guest Editors

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Dr. Xinglong Dai

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### Deadline for manuscript submissions

closed (15 September 2024)



## Agriculture

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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