



Advances in Rice Physioecology and Sustainable Cultivation

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Message from the Guest Editors

With the development of the social economy, the global market's demand for high-quality rice continues to increase. However, in the context of intensified global climate change, frequent meteorological disasters in some areas have not only significantly reduced the yield, but also severely affected the quality of rice, which severely restricts its sustainable production. Carrying out research on the response mechanisms and adaptation approaches of rice physio ecology under the background of climate change, screening high-quality and high-yielding varieties with strong adaptability, and developing supporting cultivation techniques are important methods of enhancing the competitiveness of the rice industry. From the perspectives of "Adaptation and Regulation" and "Technical Approach", studies on key regulation factors, molecular physiological mechanisms and cultivation compensation measures involved in the process of rice yield and quality formation are invited.





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Message from the Editor-in-Chief

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