



plants



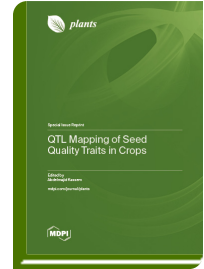
Special Issue Reprint

QTL Mapping of Seed Quality Traits in Crops

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This Special Issue "QTL Mapping of Seed Quality Traits in Crops" presents cutting-edge research on the genetic determinants of key seed quality traits, such as protein content, sugar accumulation, frost tolerance, seed longevity, and biochemical composition. Through advanced QTL mapping techniques, these studies provide critical insights into the genetic architecture of seed traits across major crops, including soybean, wheat, common bean, mustard, and *Capsicum annuum*.

This collection showcases the integration of high-throughput genomics, phenotyping, and bioinformatics to identify candidate genes and molecular markers that can drive crop improvement. The findings in this issue are invaluable for plant geneticists, breeders, and agricultural scientists working to enhance seed quality, improve nutritional value, and increase resilience to environmental stresses.



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