Translational Genomics for Crop Breeding

Volume I: Biotic Stress

Genomics research has revolutionized the field of crop science. Researchers have mapped the genomes of many key crops, and the genetic information unlocked by these efforts has now matured to the point where they can be applied to practical crop breeding and improvement efforts. *Translational Genomics for Crop Breeding* spans two volumes that focus, separately and together, on efforts of translating these findings into improved cultivars and populations.

Translational Genomics for Crop Breeding: Biotic Stress focuses on improving the resistance of crops to a wide variety of biotic stressors, including viruses, fungal infections, and pests. This volume explores the challenges of improving crop traits essential to warding off pathogens and pests in the dynamic environments.

Providing timely coverage of an urgently important topic, *Translational Genomics for Crop Breeding: Biotic Stress* is an essential reference for anyone working in the fields of crop breeding, genetics, and improvement.

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