PLANT ABIOTIC STRESS SECOND EDITION

The field of plant stress biology has evolved significantly in recent years. Understanding the molecular basis of plant responses to abiotic stressors, such as extreme heat, cold, drought, and salinity, are now more important than ever. *Plant Abiotic Stress, Second Edition* provides up-to-date coverage of the latest research advances in plant abiotic stress adaptation, with special emphasis on the associated and integrative aspects of physiology, signaling, and molecular genetics.

Plant Abiotic Stress, Second Edition more thoroughly explores the recently revealed linkages between genes, genomes, and phenotypes made possible by whole genome analysis. Chapters explore the cellular mechanisms underlying stress tolerance that new biological and -omics technologies have unlocked.

Building on the foundations of the previous edition, but thoroughly updated to reflect the current state of the field, *Plant Abiotic Stress, Second Edition*, is an essential reference for all plant and crop scientists.

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- New chapter reviewing the impacts of epigenetics on abiotic stress tolerance
- Written by a global team of leading researchers

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