

2ND EDITION

Plant Stress Physiology

Edited by Sergey Shabala

Completely updated from the successful first edition, this book provides a timely synthesis of the recent progress in our knowledge of all aspects of plant perception, signalling and adaptation to a variety of environmental stresses. It covers in detail areas such as drought, salinity, waterlogging, oxidative stress, pathogens, and extremes of temperature and pH.

This second edition:

- Presents detailed and up-to-date research on plant responses to a wide range of stresses
- Includes new full-colour figures to help illustrate the principles outlined in the text
- Is written in a clear and accessible style, with descriptive abstracts for each chapter

Written by an international team of experts, this book provides researchers with a better understanding of the major physiological and molecular mechanisms facilitating plant tolerance to adverse environmental factors. This new edition of *Plant Stress Physiology* is an essential resource for researchers and students of ecology, plant biology, agriculture, agronomy and plant breeding.

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