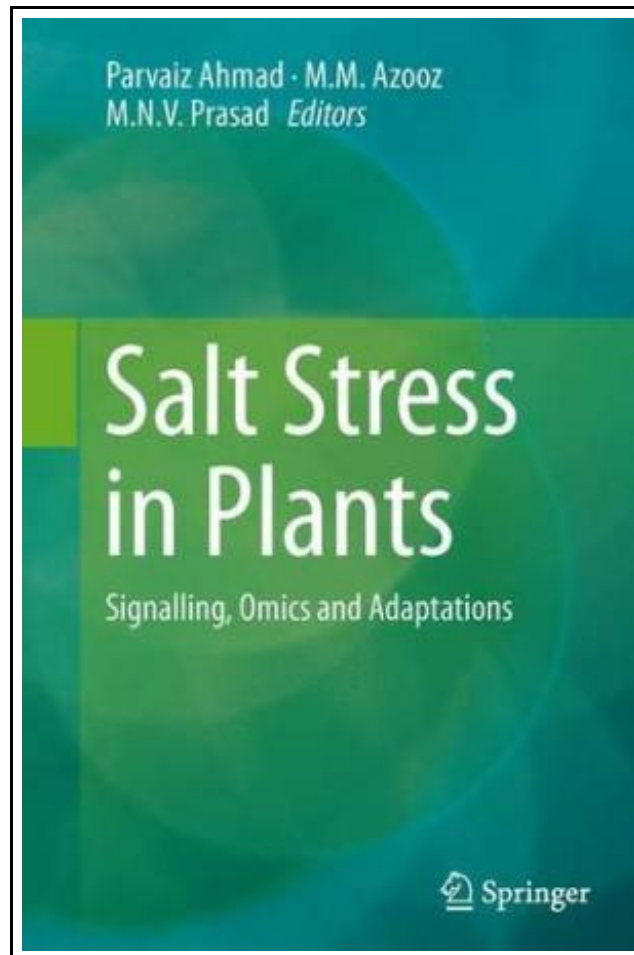


Salt Stress in Plants: Signalling, Omics and Adaptations



Filesize: 1.43 MB

Reviews

A fresh eBook with a brand new standpoint. It can be rally exciting throgh looking at period of time. I am delighted to inform you that this is the greatest book i have read through during my individual existence and may be he very best publication for ever.

(Era Thompson)

SALT STRESS IN PLANTS: SIGNALLING, OMICS AND ADAPTATIONS

[DOWNLOAD](#)

To save **Salt Stress in Plants: Signalling, Omics and Adaptations** PDF, remember to access the link below and save the ebook or get access to additional information that are related to SALT STRESS IN PLANTS: SIGNALLING, OMICS AND ADAPTATIONS book.

Springer-Verlag New York Inc., United States, 2013. Paperback. Book Condition: New. 234 x 156 mm. Language: English . Brand New Book ***** Print on Demand *****.Environmental conditions and changes, irrespective of source, cause a variety of stresses, one of the most prevalent of which is salt stress. Excess amount of salt in the soil adversely affects plant growth and development, and impairs production. Nearly 20 of the world s cultivated area and nearly half of the world s irrigated lands are affected by salinity. Processes such as seed germination, seedling growth and vigour, vegetative growth, flowering and fruit set are adversely affected by high salt concentration, ultimately causing diminished economic yield and also quality of produce. Most plants cannot tolerate salt-stress. High salt concentrations decrease the osmotic potential of soil solution, creating a water stress in plants and severe ion toxicity. The interactions of salts with mineral nutrition may result in nutrient imbalances and deficiencies. The consequence of all these can ultimately lead to plant death as a result of growth arrest and molecular damage. To achieve salt-tolerance, the foremost task is either to prevent or alleviate the damage, or to re-establish homeostatic conditions in the new stressful environment. Barring a few exceptions, the conventional breeding techniques have been unsuccessful in transferring the salt-tolerance trait to the target species. A host of genes encoding different structural and regulatory proteins have been used over the past 5-6 years for the development of a range of abiotic stress-tolerant plants. It has been shown that using regulatory genes is a more effective approach for developing stress-tolerant plants. Thus, understanding the molecular basis will be helpful in developing selection strategies for improving salinity tolerance. This book will shed light on the effect of salt stress on plants development, proteomics, genomics, genetic engineering, and plant..



[Read Salt Stress in Plants: Signalling, Omics and Adaptations Online](#)



[Download PDF Salt Stress in Plants: Signalling, Omics and Adaptations](#)



[Download ePub Salt Stress in Plants: Signalling, Omics and Adaptations](#)

You May Also Like



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Click the link under to read "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications ." PDF document.

[Read eBook »](#)



[PDF] Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Click the link under to read "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)" PDF document.

[Read eBook »](#)



[PDF] Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Click the link under to read "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)" PDF document.

[Read eBook »](#)



[PDF] Weebies Family Halloween Night English Language: English Language British Full Colour

Click the link under to read "Weebies Family Halloween Night English Language: English Language British Full Colour" PDF document.

[Read eBook »](#)



[PDF] Li Xiuying preschool fun games book: Lingling tiger awesome (connection) (3-6 years old)(Chinese Edition)

Click the link under to read "Li Xiuying preschool fun games book: Lingling tiger awesome (connection) (3-6 years old)(Chinese Edition)" PDF document.

[Read eBook »](#)



[PDF] Read Write Inc. Phonics: Grey Set 7 Non-Fiction 2 a Flight to New York

Click the link under to read "Read Write Inc. Phonics: Grey Set 7 Non-Fiction 2 a Flight to New York" PDF document.

[Read eBook »](#)



[PDF] Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Access the web link below to read "Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade" PDF document.

[Read Document »](#)



[PDF] Growing Up: From Baby to Adult High Beginning Book with Online Access

Access the web link below to read "Growing Up: From Baby to Adult High Beginning Book with Online Access" PDF document.

[Read Document »](#)



[PDF] Plants vs Zombies Game Book - Play stickers 1 (a puzzle game that swept the world. the most played together(Chinese Edition)

Access the web link below to read "Plants vs Zombies Game Book - Play stickers 1 (a puzzle game that swept the world. the most played together(Chinese Edition)" PDF document.

[Read Document »](#)



[PDF] America s Longest War: The United States and Vietnam, 1950-1975

Access the web link below to read "America s Longest War: The United States and Vietnam, 1950-1975" PDF document.

[Read Document »](#)



[PDF] The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds

Access the web link below to read "The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds" PDF document.

[Read Document »](#)



[PDF] Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)

Access the web link below to read "Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)" PDF document.

[Read Document »](#)