Record Nr. UNINA9910877010903321 **Titolo** Horticultural reviews . Volume 16 / / edited by Jules Janick New York, : J. Wiley & Sons, Inc., 1994 Pubbl/distr/stampa **ISBN** 1-283-32068-1 9786613320681 0-470-65056-7 0-470-65055-9 Descrizione fisica 1 online resource (424 p.) Collana Horticultural reviews, , 0163-7851;; v. 16 Altri autori (Persone) **JanickJules** Disciplina 635 635/.05 Horticulture Soggetti Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto HORTICULTURAL REVIEWS, VOLUME 16; Contents; Contributors; Dedication: Adel A. Kader; 1: Molecular and Genetic Approaches to the Study of Plant Hormone Action; I. INTRODUCTION; II. EXPRESSION OF HORMONE BIOSYNTHESIS AND METABOLISM GENES IN TRANSGENIC PLANTS; III. HORMONE RECEPTOR BIOCHEMISTRY; IV. CONTROL OF GENE EXPRESSION BY PLANT HORMONES; V. GENETIC ANALYSIS OF Mechanisms of Salt Tolerance in Plant Cells; I. INTRODUCTION; II.

Dedication: Adel A. Kader; 1: Molecular and Genetic Approaches to the Study of Plant Hormone Action; I. INTRODUCTION; II. EXPRESSION OF HORMONE BIOSYNTHESIS AND METABOLISM GENES IN TRANSGENIC PLANTS; III. HORMONE RECEPTOR BIOCHEMISTRY; IV. CONTROL OF GENE EXPRESSION BY PLANT HORMONES; V. GENETIC ANALYSIS OF HORMONE RESPONSE; VI. CONCLUSIONS; LITERATURE CITED; 2: Cellular Mechanisms of Salt Tolerance in Plant Cells; I. INTRODUCTION; II. GROWTH AND OSMOTIC ADJUSTMENT OF CELLS IN RESPONSE TO NACL III. SOLUTE DISTRIBUTION AND TRANSPORT IN CELLS EXPOSED TO NACLIV. CELLULAR METABOLISM DURING AND AFTER ADAPTATION TO NACL; V. CONCLUSIONS; LITERATURE CITED; 3: Truffles and Their Cultivation; I. INTRODUCTION; II. BIOLOGY OF THE FUNGUS; III. CONDITIONS FAVORING TRUFFLE PRODUCTION; IV. TRUFFLE CULTIVATION; V. FUTURE TRENDS; LITERATURE CITED; 4: Presowing Seed Priming; I. INTRODUCTION; II. SEED PRIMING; III. FACTORS AFFECTING SEED PRIMING; IV. EFFECT OF SEED PRIMING ON SEEDLING GROWTH AND DEVELOPMENT; V. EFFECT OF SEED PRIMING ON YIELD AND HARVEST QUALITY

CONCLUSIONS; LITERATURE CITED; 5: Sapindaceous Fruits: Botany And Horticulture; I. BOTANY; II. PRODUCTION; III. UTILIZATION; LITERATURE CITED; 6: Apple Flavor; I. INTRODUCTION; II. APPLE FLAVOR; III. APPLE OFF-FLAVOR; IV. BIOGENESIS OF APPLE FLAVOR; V. FACTORS AFFECTING FLAVOR; VI. CORRELATION BETWEEN INSTRUMENTAL AND SENSORY ANALYSIS OF APPLE FLAVOR; VII. FUTURE RESEARCH NEEDS; LITERATURE CITED; 7: New Concepts in Pruning Grapevines; I. INTRODUCTION; II. FRUITFUL BUDS, FLOWERING, AND FRUIT SET; III. PHYSIOLOGY OF PRUNING IV. CONVENTIONAL PRUNING TECHNIQUESV. MECHANICAL PRUNING TECHNIQUES; VI. SUMMARY; LITERATURE CITED; 8: Mechanical Harvesting of Berry Crops; I. INTRODUCTION; II. BLUEBERRIES; III. BRAMBLES; IV. CRANBERRIES; V. CURRANTS; VI. GRAPES; VII. STRAWBERRIES; VIII. SUMMARY; LITERATURE CITED; Subject Index;

## Sommario/riassunto

Molecular and Genetic Approaches to the Study of Plant Hormone Action (M. Guiltinan & J. Deikman). Cellular Mechanisms of Salt Tolerance in Plant Cells (M. Binzel & M. Reuveni). Truffles and Their Cultivation (G. Giovannetti, et al.). Presowing Seed Priming (C. Parera & D. Cantliffe). Sapindaceous Fruits: Botany and Horticulture (H. Tindall). Apple Flavor (E. Yahia). New Concepts in Pruning Grapevines (J.-V. Possingham). Mechanical Harvesting of Berry Crops (A. Dale, et al.). Indexes.

Cumulative Subject Index; Cumulative Contributor Index