

1. Record Nr.	UNINA9910133451803321
Titolo	Plant Breeding Reviews . Volume 2 [[electronic resource]]
Pubbl/distr/stampa	Hoboken, : John Wiley & Sons, 1984
ISBN	1-118-06099-7
Descrizione fisica	1 online resource (342 p.)
Collana	Plant Breeding Reviews ; ; v. 2
Altri autori (Persone)	JanickJules <1931->
Disciplina	631.5305
Soggetti	Plant breeding -- Periodicals Plant breeding Agriculture Earth & Environmental Sciences Plant Sciences Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	PLANT BREEDING REVIEWS Volume 2; Contents; Contributors; 1 Dedication: George F. Sprague Corn Breeder and Geneticist; Text; Publications of George F. Sprague; 2 Induced Mutations in Seed-Propagated Crops; I. Introduction; II. Frequent and Useful Mutant Types; III. Genetic Aspects of Induced Mutants in Relation to Breeding Problems; IV. Use of Mutagens to Supplement the Genetic Variability Base for Selection; Literature Cited; 3 Breeding Cassava; I. Introduction; II. Basic Breeding Information; III. Germplasm Resources; IV. Cytogenetics, Genetics, and Breeding; V. Conclusions and Summary Literature Cited4 Breeding Bananas and Plantains; I. Introduction; II. Limitations of the Cavendish Clones; III. History of Banana Breeding; IV. Early Approaches to Breeding; V. Germplasm Collection and Evaluation; VI. Diploid Breeding; VII. Tetraploid Breeding; VIII. Triploid Breeding; IX. Mutation Breeding; X. Plantain Breeding; XI. Summary; Literature Cited; 5 Coffee Breeding and Related Evolutionary Aspects; I. Introduction; II. Biology of Reproduction; III. Genetic Relationships Among Some Species of Coffea; IV. Origin of Coffea arabica; V. Breeding Goals VI. Potential of Tissue Culture Applied to Coffee Breeding Literature Cited; 6 Breeding Strawberries for Red Stele Resistance; I. Introduction;

II. Host and Fungal Interactions; III. Breeding Procedures; IV. Current and Future Prospects; Literature Cited; 7 Tissue Culture of Legumes for Crop Improvement; I. Introduction; II. Plant Regeneration; III. Somatic Hybridization; IV. Conclusions; Literature Cited; 8 Tissue Culture Techniques for Virus Elimination and Germplasm Preservation; I. Introduction; II. Tissue Culture and Virus Elimination; III. Tissue Culture and Germplasm Preservation  
IV. Conclusions Literature Cited; 9 Plant Genetic Engineering Via Organelle Transfer; I. Introduction; II. Rationale for Transferring Organelles; III. Nomenclature; IV. Organelle Transfer; V. Nuclear-Cytoplasmic Regulatory Mechanisms; VI. Mutants and Markers; VII. Prospects for Crop Improvement; Literature Cited; 10 Hybrid Wheat Breeding and Commercial Seed Development; I. Introduction; II. Genomes and Cytoplasms; III. Hybridizing Systems; IV. Germplasm Development and Evaluation; V. Seed Distribution and Production; VI. Hybrid Quality and Grain Yield; Literature Cited; Index (Volume 2) Cumulative Index (Volumes 1-2 Inclusive) Contributor Index (Volumes 1-2 Inclusive)

---