Record Nr. UNINA9911019920503321 **Titolo** Plant Breeding Reviews . Volume 2 Hoboken,: John Wiley & Sons, 1984 Pubbl/distr/stampa **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** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. PLANT BREEDING REVIEWS Volume 2; Contents; Contributors; 1 Nota di contenuto 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 BreedingLiterature

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## Sommario/riassunto

Plant Breeding Reviews is an ongoing series presenting state-of-the art review articles on research in plant genetics, especially the breeding of commercially important crops. Articles perform the valuable function of collecting, comparing, and contrasting the primary journal literature in order to form an overview of the topic. This detailed analysis bridges the gap between the specialized researcher and the broader community of plant scientists.