1. Record Nr. UNINA9910876911803321 **Titolo** Plant breeding reviews . Volume 1 / / edited by Jules Janick Portland, OR,: Timber Press, 1983 Pubbl/distr/stampa **ISBN** 1-118-06098-9 Descrizione fisica 1 online resource (413 p.) Collana Plant breeding review::1 Altri autori (Persone) JanickJules <1931-> Disciplina 631.5305 Soggetti Plant breeding Agriculture 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 Plant Breeding Reviews, Volume 1; Contents; Contributors; Preface; 1 Dedication: Henry A. Jones (1889-1981) Plant Breeder Extraordinaire; Text; Publications of H.A. Jones; 2 The Genetics of Petunia; I. Introduction; II. Chromosomes; III. Chromosome Numbers; IV. Genes; V. Chromosome Mapping; VI. Mutagenesis and Mutability; VII. Somatic Cell Investigations; VIII. Conclusion; 3 Breeding Common Bean for Improved Quantity and Quality of Seed Protein; I. Introduction; II. Composition of Seed Protein; III. Variation in Seed Protein Expression IV. Utilization of Genetic Variation for Improvement Through Breeding V. Use of Molecular Genetic Engineering; VI. The Impact of Improved Seed Protein Quantity and Quality; 4 Genetics of Storage Protein in Maize; I. Introduction; II. Definition; III. Chemistry; IV. Genetic Regulation; V. Relationship with Grain Quality and Productivity; VI. Concluding Remarks; 5 The Use of Endosperm Genes for Sweet Corn Improvement; I. Introduction: II. Historical Perspective: III. Variability of Endosperm Genes; IV. Biochemical Considerations; V. Current Cultivars in

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