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| 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 BreedingV. 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 Production; VI. Problems and Perspectives 6 Breeding Pearl MilletI. Introduction; II. Reproduction; III. Cytogenetics; IV. Germplasm; V. Breeding; 7 Breeding Soybeans Resistant to Diseases; I. Introduction; II. Breeding Methods; III. Fungal Diseases; IV. Bacterial Diseases; V. Virus Diseases; VI. Nematodes; VII. Summary and Conclusions; 8 The Genetic Improvement of Black Walnut for Timber Production; I. Introduction and Historical Perspective; II. Floral Structure and Reproduction; III. Germplasm Sources and Preservation; IV. |

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