1. Record Nr. UNINA9910876912103321 Plant breeding reviews . Volume 7 / / edited by Jules Janick **Titolo** Hoboken,: John Wiley & Sons, Inc., 1989 Pubbl/distr/stampa **ISBN** 1-118-06104-7 Descrizione fisica 1 online resource (242 p.) Collana Plant breeding review::7 Altri autori (Persone) JanickJules <1931-> Disciplina 631.5305 Soggetti Plant breeding Agriculture Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto PLANT BREEDING REVIEWS Volume 7: Contents; Contributors; Preface; 1 History and Operation of the National Plant Germplasm System; I. Introduction: II. History of the National Plant Germplasm System (NPGS): III. Operation of NPGS; IV. National and International Interactions; V. A Look to the Future; Literature Cited; 2 Information Systems; I. Record Keeping and Automation of the National Plant Germplasm System; II. A National Information System; III. International Germplasm Databases; IV. Conclusions; Literature Cited; 3 Plant Exploration; I. Introduction; II. History of Plant Exploration III. Plant Exploration OfficeIV. Resources for Planning Explorations; V. Proposals; VI. Documentation; VII. A Different Culture; VIII. Health and Safety; IX. Conclusion; Literature Cited; 4 Seed Maintenance and Storage; I. Introduction; II. Seed Increase Techniques; III. Seed Storage; IV. Genetic Considerations; Literature Cited; 5 Maintenance and Storage: Clonal Germplasm; I. Introduction; II. Policy and Operational Guidelines; III. Propagation Techniques; IV. Preservation Techniques; V. Genetic Considerations; Literature Cited; 6 Long-Term Seed Storage; I. Introduction; II. Seed Longevity III. Seed DeteriorationIV. Conventional Storage Methods; V. Cryopreservation; VI. Seed Storage Facilities; Literature Cited; 7 Biotechnology and Germplasm Preservation; I. Introduction; II. Collection and Acquisition; III. Maintenance and Distribution; IV. Characterization; V. Summary; Literature Cited; 8 Evaluation and

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