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6. Peanut Breeding and Genetic ResourcesI. Introduction; II. Evolution and Taxonomy; III. Reproductive Development; IV. Cytogenetics and Genomes; V. Genetic Resources; VI. Breeding Peanut; VII. Summary; Literature Cited; 7. History and Breeding of Table Beet in the United States; I. Introduction; II. Crop Origins; III. Horticulture of Table Beet; IV. Genetics and Breeding; V. Breeding Methods; VI. Future Directions; Literature Cited; 8. Yeast as a Molecular Genetic System for Improvement of Plant Salt Tolerance; I. Introduction; II. Yeast Complementation
III. Orthologous Plant and Yeast GenesIV. Similarity of Cellular Salt Tolerance in Plants and Yeast; Literature Cited; Subject Index; Cumulative Subject Index; Cumulative Contributor Index

Sommario/riassunto

Plant Breeding Reviews, Volume 22 presents state-of-the-art reviews on plant genetics and the breeding of all types of crops by both traditional means and molecular methods. The emphasis of the series is on methodology, a practical understanding of crop genetics, and applications to major crops.