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CITED

6: Spelt: Agronomy, Genetics, and Breeding I. INTRODUCTION; II. AGRONOMY; III. BREEDING; IV. POTENTIAL; LITERATURE CITED; 7: Cowpea Breeding; I. INTRODUCTION; II. PRODUCTION ZONES, CROPPING SYSTEMS, AND CONSTRAINTS; III. BREEDING SOLE-CROPS FOR YIELD POTENTIAL; IV. BREEDING FOR INTERCROPPING SYSTEMS; V. BREEDING FOR ADAPTATION TO DROUGHT; VI. BREEDING FOR HEAT TOLERANCE AND PLANT RESPONSE TO PHOTOPERIOD; VII. DISEASE RESISTANCE; VIII. INSECT RESISTANCE; IX. RESISTANCE TO PARASITIC WEEDS; X. NEMATODE RESISTANCE; XI. BENEFICIAL ROOT ASSOCIATIONS; XII. TOLERANCE TO SOIL CHEMICAL STRESSES XIII. BREEDING TO ENHANCE PRODUCT QUALITY XIV. BREEDING METHODS; XV. FUTURE BREEDING OPPORTUNITIES; LITERATURE CITED; 8: Recurrent Selection in Soybean; I. INTRODUCTION; II. STANDARD RECURRENT SELECTION TECHNIQUES IN SOYBEAN; III. MARKER-ASSISTED RECURRENT SELECTION IN SOYBEAN; IV. SUMMARY; LITERATURE CITED; 9: Gene Action and Plant Breeding; I. INTRODUCTION; II. ALLELIC GENE ACTION AND INTERACTION; III. NONALLELIC GENE ACTION AND INTERACTION; IV. GENE ACTION AND SYSTEMS OF REPRODUCTION; V. CONDITIONS OPTIMIZING SINGLE-PLANT HERITABILITY; VI. SUMMARY; LITERATURE CITED; Subject Index Cumulative Subject Index Cumulative Contributor Index

Sommario/riassunto

Dedication: Arnel R. Hallauer, Scientist, Maize Breeder, Quantitative Geneticist (K. Lamkey). Molecules Involved in Self-Incompatibility in Flowering Plants (P. Dodds, et al.). Genetic Mosaics and Plant Improvement (M. Marcotrigiano & T. Gradziel). Quantitative Trait Loci: Separating, Pyramiding, and Cloning (Y. Xu). Doubled Haploid Breeding in Cereals (S. Raina). Spelt: Agronomy, Genetics, and Breeding (K. Campbell). Cowpea Breeding (A. Hall, et al.). Recurrent Selection in Soybean (K. Lewers & R. Palmer). Gene Action and Plant Breeding (D. Fasoula & V. Fasoula). Indexes.
