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Descrizione fisica	1 online resource (872 pages)
Collana	Rice Genetics Collection ; ; v.2
Disciplina	584.9
Soggetti	Rice - Breeding Grasses - Breeding
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Foreword; Opening remarks; International cooperation in rice genetics; Abbreviations and acronyms; Session 1 VARIETAL DIFFERENTIATION AND EVOLUTION; Association between Pox-1 variation and seed productivity potential in wild rice Evolutionary significance of differential regulation at the wx locus of rice Cytogenetic electrophoretic and root studies of javanica rices; Screening and analysis of wide compatibility loci in wide crosses of rice; How was rice differentiated into indica and japonica? Genetic diversity and intervarietal relationships in rice (Oryza sativa L.) in Africa Traditional highland rices originating from intersubspecific recombination in Madagascar; Prospective use of Oryza longistaminata for rice breeding; Discussion Session 2 GENETIC MARKERS LINKAGE GROUPS AND ANEUPLOIDS Analysis of genes for stigma coloration in rice; Gene mapping of some morphological traits and chlorophyll deficiency in rice; Linkage relationships between genetic male sterile and marker genes in rice Linkage analysis and application of isozyme genes in rice Genetic mapping in rice using isozyme and RFLP markers; Production of monosomic alien addition lines of Oryza sativa having a single O. punctata chromosome; Discussion; Session 3 GENETICS OF STRESS TOLERANCE Genetics of leaf rolling under drought stress

Sommario/riassunto

The Rice Genetics Collection of past symposia and other selected literature contains nearly 4,400 pages of searchable information on rice genetics and cytogenetics published by the IRRI and its partners since 1964. In addition to the five genetics symposia held at 5-year intervals since 1985, the collection contains classic publications that kicked off significant reporting on these subjects in the early 1960's. This collection is a comprehensive and historical documentation on the subject of rice genetics, spanning 45 years of research and scholarly work.
