Record Nr. UNINA9910782270103321 Autore Chang Te-Tzu <1927-2006.> **Titolo** Present knowledge of rice genetics and cytogenetics / / Te-Tzu Chang Pubbl/distr/stampa Los Banos, Philippines:,: International Rice Research Institute,, 1964 **ISBN** 1-281-96810-2 9786611968106 981-281-432-9 Descrizione fisica 1 online resource (iii, 96 pages) Collana Technical bulletin (International Rice Research Institute) :: 1 Disciplina 584.9 Soggetti Rice - Genetics Cytogenetics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia

Note generali Description based upon print version of record.

Nota di bibliografia Bibliography: p. 65-96.

Nota di contenuto CONTENTS; SPECIES OF ORYZA AND SPECIES RELATIONSHIPS; Species;

Species Relationships; Species Groups; Genome Analysis; THE ORIGIN AND INDIGENOUS CENTERS OF CULTIVATED RICES; Putative Ancestors

of Oryza sativa; Indigenous Center of Oryza sativa

Indigenous Center of Oryza glaberrima CYTOLOGICAL AND

CYTOGENETICAL STUDIES; Chromosome Morphology; Secondary Association of Chromosomes; Haploids. Polyploids and Aneuploids;

Aberrant Meiotic Behavior; Chromosome Aberrations

GEOGRAPHICAL GROUPS OF CULTIVATED RICES AND INTERVARIETAL HYBRID STERILITY IN ORYZA SATIVA Geographical Groups; Intervarietal Hybrid Sterility in Oryza sativa; GENETICAL STUDIES; Genes for Color;

Genes for Modified Structures Sizes and Growth Habit

Genes for Modified Composition or Physiological Processes Genes for Quantitative Characters; Gene Symbols; Linkage Groups; Induced Mutations and Tetraploids; Cytoplasmic Inheritance; EVALUATION OF GENETICAL AND CYTOGENETICAL STUDIES IN RELATION TO RICE

BREEDING

AREAS REQUIRING NEW OR RENEWED EFFORTS ACKNOWLEDGMENTS;

APPENDIX A SYNONYMS OF ORYZA SPECIES UNDER FOUR

CLASSIFICATION SCHEMES; APPENDIX B - CHROMOSOME PAIRING AND FERTILITY IN INTER-SPECIFIC HYBRIDS APPENDIX C - A COMPARATIVE

LISTING OF THREE SETS OF GENE SYMBOLS; REFERENCES

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. This technical bulletin on the