

1. Record Nr.	UNINA9910453089603321
Titolo	Advances in rice genetics [[electronic resource] /] / edited by G.S. Khush, D.S. Brar, and B. Hardy
Pubbl/distr/stampa	[Manila, Philippines], : International Rice Research Institute, 2003
ISBN	1-281-96809-9 981-281-431-0
Descrizione fisica	1 online resource (660 p.)
Collana	Rice Genetics Collection ; ; v.8
Altri autori (Persone)	KhushGurdev S BrarD. S HardyB
Disciplina	584.9
Soggetti	Rice - Breeding Rice - Genetics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; PREFACE; ACKNOWLEDGMENTS; Genetics and breeding of agronomic traits; Comparing agronomic performance of breeding populations derived from anther culture and single-seed descent in rice; Advances in breeding salt-tolerant rice varieties Breeding for salt tolerance in rice Genetic analysis and prediction of heterosis; Relationship of parental genetic diversity with heterosis in two-line and three-line Philippine rice hybrids; Stable high-yielding ability of japonica-indica hybrid rice Inheritance of fertility restoration of WA cytoplasm in sodic-tolerant rice hybrids Genetic analysis of temperature-sensitive genic male sterility in rice; Complexity of inheritance of thermosensitive genic male sterility in rice Characterizing tropical japonicas with wide compatibility based on isozyme pattern in rice Effects of cytoplasm and cytoplasm-nucleus interaction in breeding japonica rice; Genetic analysis of hybrid breakdown in a japonica/indica cross of rice Induction and use of japonica rice mutant R917 with broad-spectrum resistance to blast Partial resistance to rice blast in the tropics;

Developing near-isogenic lines for blast resistance in two genotypes of indica rice IR24 and IR49830-7-1-2-2

Developing near-isogenic lines for rice blast resistance

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. Published in 2003,
