

<<第九届亚洲玉米大会论文集>>

图书基本信息

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内容概要

The Chinese Academy of Agricultural Sciences (CAAS) and the Asian Regional Maize Program of CIMMYT wish to acknowledge cooperation and support of several institutions , organizations and some key individuals that made the 9th Asian Regional Maize Workshop a great success and assisted in many ways in bringing out these proceeding of this important scientific event in Asia.

书籍目录

Section I:Maize Breeding Maize Production and Research in China: Advancement and Challenges The Phenotypic and Genotypic Eras of Crop Improvement Maize Diseases and Breeding for Biotic Stress Resistance in Asia Corn Breeding Achievements in United States Summer Maize Breeding in China: the Priorities and Strategies Genetic Variability and Divergence of Maize Landraces in Nepal Genetic Diversity of Chinese Maize OPVs Determined by SSR Analysis of Bulk Samples Comparison of S3 Progeny and Testcross Performance in Suwan 3 Maize Variety Molecular Characterization of Maize Genetic Resources in India: Present Status and Prospects Population Genetic Diversity Following Selection in a Reciprocal Recurrent Selection Program Application of SSR Markers in Maize Varietal Identification and Protection Synchronous Directive Shuttle Breeding in Maize Genetic Diversity of Maize Inbred Lines Revealed by SSR Markers and Their Relationship with Performance of F Hybrids Analysis of Heterosis in Intercomposite Crosses of Maize in Rainfed Conditions Development of Early Maturing, High Yielding Varieties of Maize through Participatory Plant Breeding Genetic Diversity of Maize Doubled Haploid Line Murseries in Vietnam and Their Potential for Utilization in Hybrid Breeding Yield and Stability of Maize Hybrids Compared to Open Pollinated Varieties Analysis of Genetic Potentiality of Forty Maize Single Cross Hybrids and Diversity among Their Parental Lines Genetic Diversity as Revealed by SSR Markers and Combining Ability among Yellow Maize Inbred Lines Characterization and Genetic Analysis of Sweet Corn Inbred Lines Adapted to Indian Conditions Application of SSR Markers to Fingerprint Maize Hybrids and Their Parental Lines Exploitation of Combining Ability for Heterosis in Maize(*Zea mays* L.) Progress on Maize Hybrid Breeding in Vietnam Genetic Diversity Revealed by SSR Markers in Tropical Maize Population Pob32 after 5 Cycles of Biparental Mass Selection for Adaptation Revival of the Tropical Asian Maize Network-TAMNET 2003

Section II:Biotic and Abiotic Stress The Production Leveling-off Versus Exploding Demand for Maize in Indonesia Physiological Basis of Excessive Soil Moisture Tolerance in Tropical Maize Resistance to Banded Leaf and Sheath Blight of Maize in Asia Importance of Morphogenetic Assessment of Variability to Enhance Resistance to Banded Leaf and Sheath Blight of Maize Identification of Two Complementary Dominant Genes Determining Resistance to Maize Dwarf Mosaic Identification of Tropical Late Yellow Maize Under Water Stress Conditions Role of Thiourea in Improving Productivity of Rainfed Maize (*Zea mays* L.) Early Response and Molecular Mechanism of Submergence Tolerance in Maize Roots Using Microarray and Suppression Subtractive Hybridization Analysis

.....Section III : Value-added Maize

Section IV:Technology Dissemination

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