Third International Conference of the Peanut Research Community

On

Advances in *Arachis* through Genomics and Biotechnology (AAGB – 2008)

ICRISAT, Hyderabad, Andhra Pradesh, India 4-8 November 2008

ABSTRACT BOOK

Organized by



International Crops Research Institute for the Semi-Arid Tropics

In collaboration with



Peanut Science Council, USA

A-15

Genetic enhancement of resistance to foliar diseases - strategies and prospects

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Rust and Late leaf spot are among the most destructive and widespread diseases of groundnut. Cultivation of resistant varieties is economically most viable and environmentally sound strategy. Germplasm with high level of resistance is available in cultivated and/or related wild species. In spite of innumerable attempts, breeding has met with limited success in combining resistance with yield, crop quality and adaptation. The modern tool of Marker Assisted Selection (MAS) is expected to improve the speed and precision of resistance breeding. The progress and challenges in the application of molecular markers in breeding for resistance to foliar diseases will be discussed.

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