Colorado State University researchers are hosting the second biannual

Plant Breeding for Drought Tolerance Symposium

Fort Collins, CO

June 21-22, 2012

The meeting will consist of stimulating presentations on **plant breeding**, **genetics** and **physiology of drought stress** by invited speakers. Keynote speaker **John Passioura**, Chief Research Scientist at CSIRO's Division of Plant Industry in Canberra, Australia

The symposium will feature talks from several internationally-known scientists:

John Passioura, CSIRO
"Phenotyping for drought tolerance: when is it useful to plant breeders"
John Boyer, DuPont Professor Emeritus, University of Delaware
"Water Deficits and Yield in Maize"
Tom Juenger, University of Texas at Austin
"Exploring physiological and genomic responses to soil drying in switchgrass"
Amelia Henry, International Rice Research Institute
"Root traits behind major-effect drought-yield QTLs in rice"
Eduardo Blumwald, University of California at Davis
"Cytokinin-induced modifications of source-sink relationships lead to enhanced crop stress tolerance"
Sean Cutler, University of California at Riverside
"Targeting the ABA signaling pathway for improved plant stress tolerance"
Jill Deikman, Monsanto
"Developing Corn with Improved Yields Under Water Deficit Stress using Biotechnology"
Andy Pereira, University of Arkansas
"Systems level analysis of drought stress response interactions with growth and yield"
Mark Cooper, Pioneer Hi-Bred International, Inc.
"Breeding for Drought Tolerance: Taking Aim at Target Environments"
Louise Comas, USDA-ARS
"Root dynamics and functioning governed by biological and environmental factors"
Dave Des Marais, University of Texas
"The genomic basis of local adaptation to climate in Arabidopsis"
Lisa Donovan, University of Georgia - Discussion leader

Register at http://www.droughtadaptation.org/symposium.html

Colorado State University

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