

Special Issue

Breeding Sorghum for Adaptation to Abiotic Stress through Use of Heterosis

Message from the Guest Editors

Dear colleagues, Sorghum is grown worldwide by a wide spectrum of farmers who produce under diverse conditions. All of these producers rely on sorghum's ability to grow and produce under soil conditions that are often too challenging for most other cereals. Hybrid varieties have shown higher environmental stability and stress tolerance than other, non-hybrid, varieties.

However, to more fully realize the potential of sorghum hybrids to enhance resilience, there is need to prioritize breeding objectives and advance breeding methods, genetic-understandings and sources of genetic diversity targeting these diverse stresses. This special issue of *Agronomy* will focus on recent research advances for breeding sorghum hybrids for stress prone environments. The topics to be examined will address aspects ranging from the genetics of abiotic stress tolerance to environmental stability of hybridization mechanisms and yield stabilities of different variety types under varying pedoclimatic conditions.

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