

## ***DROUGHT STRESS***

**GONZÁLEZ, J. A., M. BRUNO, M. VALOY & F. E. PRADO:**  
Genotypic Variation of Gas Exchange Parameters and Leaf Stable Carbon and Nitrogen Isotopes in Ten Quinoa Cultivars Grown under Drought 81–93

**PATANÈ, C. & S. TRINGALI:**  
Hydrotime Analysis of Ethiopian Mustard (*Brassica carinata* A. Braun) Seed Germination Under Different Temperatures 94–102

**RAJALA, A., K. HAKALA, P. MÄKELÄ & P. PELTONEN-SAINIO:**  
Drought Effect on Grain Number and Grain Weight at Spike and Spikelet Level in Six-Row Spring Barley 103–112

**HURA, T., K. HURA & M. GRZESIAK:**  
Soil Drought Applied During the Vegetative Growth of Triticale Modifies the Physiological and Biochemical Adaptation to Drought During the Generative Development 113–123

## ***HEAT STRESS***

**FUENTES, F. & A. BHARGAVA:**  
Morphological Analysis of Quinoa Germplasm Grown Under Lowland Desert Conditions 124–134

## ***FLOODING STRESS***

**LEE, J., J. SIX & C. VAN KESSEL:**  
Dinitrogen Fixation by Winter Chickpea Across Scales in Waterlogged Soil in a Mediterranean Climate 135–145

## ***CROPPING AND FORAGE SYSTEMS***

**CHRISTIANSEN, S., J. RYAN & M. SINGH:**  
Forage and Food Legumes in a Multi-Year, Wheat-Based Rotation Under Drought-Stressed Conditions in Northern Syria's Medium Rainfall Zone 146–154

## ***MISCELLANEOUS***

**WANG, G., M. GUTIERREZ, R. K. ASIIMWE & M. ZARNSTORFF:**  
Response of Upland Cotton (*Gossypium hirsutum*) to Fruiting Branch Removal 155–163