

DROUGHT STRESS

COCOZZA, C., C. PULVENTO, A. LAVINI, M. RICCARDI, R. D'ANDRIA & R. TOGNETTI:
Effects of Increasing Salinity Stress and Decreasing Water Availability on
Ecophysiological Traits of Quinoa (*Chenopodium quinoa* Willd.) Grown in a
Mediterranean-Type Agroecosystem 229–240

**BOURGAULT, M., C. A. MADRAMOOTOO, H. A. WEBBER, P. DUTILLEUL,
G. STULINA, M. G. HORST & D. L. SMITH:**
Legume Production and Irrigation Strategies in the Aral Sea Basin: Yield,
Yield Components, Water Relations and Crop Development of Common Bean
(*Phaseolus vulgaris* L.) and Mungbean (*Vigna radiata* (L.) Wilczek) 241–252

ZHOU, Y., C. J. LAMBRIDES & S. FUKAI:
Drought Resistance of C₄ Grasses Under Field Conditions: Genetic Variation
Among a Large Number of Bermudagrass (*Cynodon* spp.) Ecotypes Collected
from Different Climatic Zones 253–263

SALINITY STRESS

TARI, I., G. LASKAY, Z. TAKÁCS & P. POÓR:
Response of Sorghum to Abiotic Stresses: A Review 264–274

OXIDATIVE STRESS

**BURKART, S., J. BENDER, B. TARKOTTA, S. FAUST, A. CASTAGNA, A. RANIERI
& H.-J. WEIGEL:**
Effects of Ozone on Leaf Senescence, Photochemical Efficiency and Grain
Yield in Two Winter Wheat Cultivars 275–285

HEAT STRESS

SLAUENWHITE, K. L. I. & M. M. QADERI:
Single and Interactive Effects of Temperature and Light Quality on Four
Canola Cultivars 286–298

**THOMPSON, W. H., D. PIETSCH, J. M. BLUMENTHAL, A. M. H. IBRAHIM &
D. D. BALTENSBERGER:**
Agronomic Optimum Seeding Rate for Irrigated Maize in Texas is
Concomitant to Growing Season Mean Daily Minimum Temperature 299–307