

## **Genetics**

- WANG, L.M., JIAO, S.J., JIANG, Y.X., YAN, H.D., SU, D.F., SUN, G.Q.,  
YAN, X.F. and SUN, L.F.: Genetic Structure Analysis of Sorghum Parent  
Lines Based on SSR Markers . . . . . 359

## **Physiology**

- TURTIAINEN, T. and KOSTIAINEN, E.: Radiological Hazards in Finnish Cereals:  
Comparison of Man-made and Natural Sources . . . . . 366
- SINGH, S.K., SINGH, A.M., JAIN, N., SINGH, G.P., AHLAWAT, A.K. and RAVI, I.:  
Molecular Characterization of Vernalization and Photoperiod Genes in Wheat  
Varieties from Different Agro-climatic Zones of India . . . . . 376
- CHAFFEI HAOUARI, C., HAJJAJI NASRAOUI, A., CARRAYOL, E. and GOUIA, H.:  
Response of Two Wheat Genotype to Long Term Salinity Stress in Relation  
to Oxidative Stress and Osmolyte Concentration . . . . . 388
- PALIWAL, R., ARUN, B., SRIVASTAVA, J.P. and JOSHI, A.K.: Inheritance of  
Terminal Heat Tolerance in Two Spring Wheat Crosses . . . . . 400

## **Pathology**

- BENCZE, S., VIDA, G., BALLA, K., VARGA-LÁSZLÓ, E. and VEISZ, O.: Response  
of Wheat Fungal Diseases to Elevated Atmospheric CO<sub>2</sub> Level . . . . . 409
- SPANIC, V., LEMMENS, M. and DREZNER, G.: Variability in Components of  
Fusarium Head Blight Resistance among Wheat Genotypes . . . . . 420

- ZHANG, P., ZHOU, M.P., ZHANG, X., HUO, Y. and MA, H.X.: Change of  
Defensive-related Enzyme in Wheat Crown Rot Seedlings Infected by  
*Fusarium graminearum* . . . . . 431

## **Quality and Utilization**

- HŘIVNA, L., HOMOLA, L., BUREŠOVÁ, I. and SMUTNÁ, P.: Prediction of Protein Fractions Distribution in Wheat (*Triticum aestivum* L.) Mill Products . . . . . 440
- DENNETT, A.L. and TRETHOWAN, R.M.: The Influence of Dual-purpose Production on Triticale Grain Quality . . . . . 448
- TABIBZADEH, N., KARIMZADEH, G. and NAGHAVI, M.R.: Distribution of 1AL.1RS and 1BL.1RS Wheat-rye Translocations in Iranian Wheat, Using PCR Based Markers and SDS-PAGE . . . . . 458
- KOVÁCS, A., RAKSZEGI, M., LÁNG, L., MA, W. , BÉKÉS, F. and BEDŐ, Z.: Application of a Rapid Electrophoresis Technique Analysing the Glutenin Subunit Composition of Wheat Genotypes . . . . . 468
- DI BENEDETTO, N.A., FARES, C., MENGA, V., LAUS, M.N., PASTORE, D. and FLAGELLA, Z.: Effects of Milling-process and Pasta Making on ABTS<sup>•+</sup> Scavenging Activity of Hydrophilic and Lipophilic Extracts of Durum Wheat Varieties . . . . . 482
- AL-RABADI, G.J.: Influence of Hammer Mill Screen Size on Processing Parameters and Starch Enrichment in Milled Sorghum . . . . . 493

## **Agronomy**

- GARG, D., SAREEN, S., DALAL, S., TIWARI, R. and SINGH, R.: Grain Filling Duration and Temperature Pattern Influence on the Performance of Wheat Genotypes under Late Planting . . . . . 500