

Australian Journal of Agricultural Research

Contents

Volume 59

Issue 10

2008

Crop/pasture improvement

The effects on grain quality traits of a grain serpin protein and the VPM1 segment in southern Australian wheat breeding.

Karen Cane, P. J. Sharp, H. A. Eagles, R. F. Eastwood, G. J. Hollamby, Haydn Kuchel, Meiqin Lu, P. J. Martin

883

Quantitative trait loci for water-soluble carbohydrates and associations with agronomic traits in wheat.

G. J. Rebetzke, A. F. van Herwaarden, C. Jenkins, M. Weiss, D. Lewis, S. Ruuska, L. Tabe, N. A. Fettell, R. A. Richards

891

Allelic variation for the high- and low-molecular-weight glutenin subunits in wild diploid wheat (*Triticum urartu*) and its comparison with durum wheats.

L. Caballero, M. A. Martín, J. B. Alvarez

906

Solvent retention capacities as indirect selection criteria for sugar snap cookie quality in Chinese soft wheats.

Yong Zhang, Qijun Zhang, Zhonghu He, Yan Zhang, Guoyou Ye

911

Enhancement of genetic diversity in canola-quality *Brassica napus* and *B. juncea* by interspecific hybridisation.

C. J. Schelfhout, J. M. Wroth, G. Yan, W. A. Cowling

918

Variation in fatty acid composition among genetically homogeneous seeds of canola (*Brassica napus*), and implications for genotypic selection based on single seeds.

M. N. Aslam, S. Kailis, M. N. Nelson, K. L. Bayliss, W. A. Cowling

926

Possible early selection of short juvenile period olive plants based on seedling traits.

Pilar Rallo, Rocío Jiménez, José Ordovás, M^a Paz Suárez

933

Crop/pasture agronomy and physiology

Relationships between carbon isotope discrimination and leaf morphophysiological traits in spring-planted spring wheat under drought and salinity stress in Northern China.

Lin Zhu, Zong Suo Liang, Xing Xu, Shu Hua Li, Ji Hai Jing, P. Monneveux

941

Farming systems

Quantifying the response of crops to shelter in the agricultural regions of South Australia.

M. R. Bennell, A. P. Verbyla

950

Variability of optimum sowing time for wheat yield in Western Australia.

D. L. Sharma, M. F. D'Antuono, W. K. Anderson, B. J. Shackley, C. M. Zaicou-Kunesch, M. Amjad

958

Field evaluation of phalaris, tall fescue and cocksfoot cultivars and accessions in western Victoria, Australia.

K. F. M. Reed, Z. N. Nie, B. Clark

971