

RESEARCH PAPERS

- Assessing the importance of subsoil constraints to yield of wheat and its implications for yield improvement
G. K. McDonald, J. D. Taylor, A. Verbyla, H. Kuchel 1043
- Genetic and environment interactions of seed storage proteins in narrow leafed lupin (*Lupinus angustifoliosus*)
Shahidul Islam, Wujun Ma, Bevan J. Buirchell, Rudi Appels, Guijun Yan 1066
- Chemical composition of cover plants and its effect on maize yield in no-tillage systems in the Brazilian savanna
A. M. de Carvalho, M. C. Coelho, R. A. Dantas, O. P. Fonseca, R. Guimarães Júnior, C. C. Figueiredo 1075
- Identification of QTLs involved in pod-shatter resistance in *Brassica napus* L.
Y. C. Wen, S. F. Zhang, B. Yi, J. Wen, J. P. Wang, J. C. Zhu, J. P. He, J. H. Cao 1082
- Disease-resistant transgenic adzuki bean plants obtained through an efficient transformation system
Huatao Chen, Xin Chen, Heping Gu, Xingxing Yuan, Hongmei Zhang, Xiaoyan Cui 1090
- Quantification of vegetative development of faba bean, oats and Italian ryegrass
M. Mohammed Yusoff, D. J. Moot, B. A. McKenzie, G. D. Hill 1097
- Effects of row spacing and intercrop on maize grain yield and forage production of palisade grass
Émerson Borghi, Carlos Alexandre Costa Crusciol, Adriano Stephan Nascente, Gustavo Pavan Mateus, Priscila Oliveira Martins, Ciniro Costa 1106
- Fodder yield and quality in forage sorghum: scope for improvement through diverse male sterile cytoplasm
C. Aruna, P. K. Shrotria, S. K. Pahuja, A. V. Umakanth, B. Venkatesh Bhat, A. Vishala Devender, J. V. Patil 1114
- Evaluation of populations of *Dactylis glomerata* L. native to Mediterranean environments
V. Copani, G. Testa, A. Lombardo, S. L. Cosentino 1124
- Evaluation of tederá [(*Bituminaria bituminosa* (L.) C.H. Stirton var. *albomarginata*)] as a forage alternative for sheep in temperate southern Australia
M. C. Raeside, Z. N. Nie, S. G. Clark, D. L. Partington, R. Behrendt, D. Real 1135
- The effects of submergence on anatomical, morphological and biomass allocation responses of tropical grasses *Chloris gayana* and *Panicum coloratum* at seedling stage
José A. Imaz, Daniel O. Giménez, Agustín A. Grimoldi, Gustavo G. Striker 1145