

# Crop & Pasture Science

Contents

Volume 62

Issue 5

2011

## RESEARCH PAPERS

- Root and shoot growth by seedlings of annual and perennial medic, and annual and perennial wheat  
*P. R. Ward, J. A. Palta, H. A. Waddell* 367
- Use of normalised difference vegetation index, nitrogen concentration, and total nitrogen content of whole maize plant and plant fractions to estimate yield and nutritive value of hybrid forage maize  
*M. R. Islam, S. C. (Yani) Garcia, D. Henry* 374
- Developing proso millet (*Panicum miliaceum* L.) core collection using geographic and morpho-agronomic data  
*H. D. Upadhyaya, Shivali Sharma, C. L. L. Gowda, V. Gopal Reddy, Sube Singh* 383
- Changes in the fatty acids in seeds of interspecific hybrids between *Brassica napus* and *Brassica juncea*  
*M. C. M. Iqbal, S. R. Weerakoon, H. D. N. Geethanjalie, P. K. D. Peiris, O. V. D. S. J. Weerasena* 390
- Growth and yield responses to amendments to the sugarcane monoculture: effects of crop, pasture and bare fallow breaks and soil fumigation on plant and ratoon crops  
*A. L. Garside, M. J. Bell* 396
- The effect of improved aluminium tolerance on establishment of the perennial grass, phalaris, on strongly acid soils in the field and its relation to seasonal rainfall  
*R. A. Culvenor, S. E. McDonald, P. E. Veness, D. Watson, W. Dempsey* 413
- New strains of rhizobia that nodulate regenerating messina (*Melilotus siculus*) plants in saline soils  
*A. L. Bonython, R. A. Ballard, N. Charman, P. G. H. Nichols, A. D. Craig* 427
- Influence of 24 annual applications of fertilisers and/or manure to alfalfa on forage yield and some soil properties under dryland conditions in northern China  
*Jun Fan, Mingde Hao, Sukhdev S. Malhi, Quanjiu Wang, Mingbin Huang* 437
- Erratum 444