

Go Mobile

CJO Mobile (CJOM) is a streamlined Cambridge Journals Online (CJO) for smartphones and other small mobile devices



- Use CJOM to access all journal content including *FirstView* articles which are published online ahead of print
- Access quickly and easily thanks to simplified design and low resolution images
- Register for content alerts or save searches and articles – they will be available on both CJO and CJOM
- Your device will be detected and automatically directed to CJOM via: journals.cambridge.org



CAMBRIDGE
UNIVERSITY PRESS

THE JOURNAL OF AGRICULTURAL SCIENCE

CROPS AND SOILS RESEARCH PAPERS

- Genomic composition and yield heterosis of the partial interspecific hybrid rice between *Oryza sativa* L. and *Oryza glaberrima* Steud. Y. M. N. ADEDZE, W. C. HE, A. D. SAMOURA, F. HUANG, Y. N. TONDI, A. EFISUE, S. S. ZHANG, G. S. XIE AND D. M. JIN 367
- Equivalence criteria for the safety evaluation of a genetically modified crop: a statistical perspective C. I. VAHL AND Q. KANG 383
- An assessment of the effects of fertilizer nitrogen management on nitrate leaching risk from grazed dairy pasture I. VOGELER, G. LUCCI AND M. SHEPHERD 407
- Estimating nutrient requirements for winter oilseed rape based on QUEFTS analysis T. REN, J. ZOU, Y. WANG, X. K. LI, R. H. CONG AND J. W. LU 425
- Effects of nitrogen rate and genotype on seed protein and amino acid content in canola Q. S. ZUO, G. S. ZHOU, S. F. YANG, Y. YANG, L. R. WU, S. H. LENG, G. YANG AND J. S. WU 438
- Changes in plant morphological expression in 12 perennial ryegrass cultivars following frequent and infrequent cutting management P. A. CASHMAN, T. J. GILLILAND, M. McEVOY, S. WATSON AND M. O'DONOVAN 456
- Consecutive wheat sequences: effects of contrasting growing seasons on concentrations of *Gaeumannomyces graminis* var. *tritici* DNA in soil and take-all disease across different cropping sequences S. L. BITHELL, A. C. MCKAY, R. C. BUTLER AND M. G. CROMEY 472
- Screening and identification of tobacco mutants resistant to tobacco and cucumber mosaic viruses L. L. SHEN, H. J. SUN, Y. M. QIAN, D. CHEN, H. X. ZHAN, J. G. YANG AND F. L. WANG 487
- Diversity in the trifoliate orange taxon reveals two main genetic groups marked by specific morphological traits and water deficit tolerance properties J. BEN YAHMED, G. COSTANTINO, P. AMIEL, M. TALON, P. OLLITRAULT, R. MORILLON AND F. LURO 495

ANIMAL REVIEW PAPER

- The potential of milk fatty acids as biomarkers for methane emissions in dairy cows: a quantitative multi-study survey of literature data J. M. CASTRO-MONToya, S. DE CAMPENEERE, B. DE BAETS AND V. FIEVEZ 515

ANIMAL RESEARCH PAPERS

- The effect of triterpenoid saponins from *Saponaria officinalis* on some blood hormones, metabolic parameters and fatty acid composition in dairy cows K. SZKUDELSKA, M. SZUMACHER-STRABEL, J. SZCZECOWIAK, M. BRYSZAK, E. PERS-KAMCZYK, A. STOCHMAL AND A. CIESLAK 532
- Effects of the inclusion of flaxseed and quercetin in the diet of fattening lambs on ruminal microbiota, *in vitro* fermentation and biohydrogenation of fatty acids S. ANDRÉS, R. BODAS, M. L. TEJIDO, F. J. GIRÁLDEZ, C. VALDÉS AND S. LÓPEZ 542
- Effect of changes in lipid classes during wilting and ensiling of red clover using two silage additives on *in vitro* ruminal biohydrogenation F. GADEYNÉ, K. DE RUYCK, G. VAN RANST, N. DE NEVE, B. VLAEMINCK AND V. FIEVEZ 553

Submit your paper online

<http://mc.manuscriptcentral.com/jagricsci>

Register to receive the latest news and content from the journal

<http://journals.cambridge.org/ags-alerts>

Cambridge Journals Online

For further information about this journal
please go to the journal web site at:
journals.cambridge.org/ags



MIX
Paper from
responsible sources
FSC® C007785

CAMBRIDGE
UNIVERSITY PRESS