

Grass and Forage Science

Contents

- 485 J. M. Lee, A. J. Clark and J. R. Roche
Climate-change effects and adaptation options for temperate pasture-based dairy farming systems: a review
Review
- 504 B. F. O'Neill, E. Lewis, M. O'Donovan, L. Shalloo, F. J. Mulligan, T. M. Boland and R. Delagarde
Evaluation of the Grazeln model of grass dry-matter intake and milk production prediction for dairy cows
in temperate grass-based production systems. 1–Sward characteristics and grazing management factors
- 524 B. F. O'Neill, E. Lewis, M. O'Donovan, L. Shalloo, F. J. Mulligan, T. M. Boland and R. Delagarde
Evaluation of the Grazeln model of grass dry-matter intake and milk production prediction for dairy cows
in temperate grass-based production systems. 2 – Animal characteristics
- 537 J. M. Sharp, G. R. Edwards and M. J. Jeger
Impact of spatial heterogeneity of plant species on herbage productivity, herbage quality and ewe and lamb
performance of continuously stocked, perennial ryegrass–white clover swards
- 548 P. Phelan, B. Keogh, I. A. Casey, M. Necpalova and J. Humphreys
The effects of treading by dairy cows on soil properties and herbage production for three white
clover-based grazing systems on a clay loam soil
- 564 P. J. O'Connor, M. B. Lynch, E. Cahalan, M. O'Donovan and D. Hennessy
The effect of the nitrification inhibitor dicyandiamide (DCD) on spring and annual herbage production in
urine patches when applied in late summer or early autumn
- 577 A. J. Parsons, S. Rasmussen, Q. Liu, H. Xue, C. Ball and C. Shaw
Plant growth – resource or strategy limited: insights from responses to gibberellin
- 589 B. Biligetü, M. P. Schellenberg, J. G. McLeod and Z. Wang
Seed yield variation in plains rough fescue (*Festuca hallii* (Vasey) Piper) populations and its relation with
phenotypic characteristics and environmental factors
- 596 H. X. Zhang, D. W. Zhou, Y. Tian, Y. X. Huang and Z. W. Sun
Comparison of seed germination and early seedling growth responses to salinity and temperature of the
halophyte *Chloris virgata* and the glycophyte *Digitaria sanguinalis*
- 605 K. Leach
Grassland management for organic farmers
Book Review
- 606 D. S. Loch and R. J. Loch
Best management practices for saline and sodic turfgrass soils: assessment and reclamation
Book Review
- 608 A. J. Parsons, T. T. Treacher and R. J. Wilkins
Peter Dale Penning: an appreciation
Obituary