

ORIGINAL ARTICLES

- 583 Associations between soil texture, soil water characteristics and earthworm populations in grassland
M. Holmstrup, M. Lamandé, S.B. Torp, M.H. Greve, R. Labouriau and G. Heckrath
- 593 Genetic properties of drought tolerance indices in sunflower
R. Darvishzadeh, A. Pirzad, I. Bernousi, B.A. Mandoulakani, H. Azizi, N. Akhondi, S.P. Kiani and A. Sarrafi
- 602 Nodule phosphorus requirement and O₂ uptake in common bean genotypes under phosphorus deficiency
A. Bargaz, J.-J. Drevon, K. Oufdou, B. Mandri, M. Faghire and C. Ghoulam
- 612 Pea–oat intercrops to sustain lodging resistance and yield formation in northern European conditions
M. Kontturi, A. Laine, M. Niskanen, T. Hurme, M. Hyövelä and P. Peltonen-Sainio
- 622 Cultivation of wheat following pea and triticale/pea mixtures increases yields and nitrogen content
D. Buraczyńska, F. Ceglarek, B. Gąsiorowska, A. Zaniewicz-Bajkowska and A. Płaza
- 633 Diversity and dominance of crop plantations in the agroecosystems of the Kujawy and Pomorze region in Poland
D. Jaskulski and I. Jaskulska
- 641 Absorption and accumulation of cadmium by ramie (*Boehmeria nivea*) cultivars: A field study
W. She, Y.-C. Jie, H.-C. Xing, Z.-Q. Luo, W.-L. Kang, M. Huang and S.-J. Zhu
- 648 Crop stand density enhances competitive ability of spring barley (*Hordeum vulgare* L.)
V. Pilipavicius, R. Romaneckiene and K. Romaneckas
- 661 Land use effects on carbon quality and soil biological properties in Eutric Cambisol
L. Pospíšilová, P. Formanek, J. Kucerik, T. Liptaj, T. Losak and A. Martensson
- 670 The dynamics pattern of soil carbon and nutrients as soil thawing proceeded in the alpine/subalpine forest
B. Tan, F. Wu, W. Yang, S. Yu, L. Liu and A. Wang