

Soil & Plant Science

CONTENTS

ORIGINAL ARTICLES

- 487 Alleviation of soil acidity improves the performance of oil palm progenies planted on an acid Ultisol
J.A. Cristancho, M.M. Hanafi, S.R. Syed Omar and M.Y. Rafii
- 499 Effects of sulphur application on grain yield and quality, and assessment of sulphur status in winter wheat (*Triticum aestivum* L.)
B.O. Hoel
- 508 Plant-derived CO₂ flux from cultivated peat soils
Ö. Berglund, K. Berglund and L. Klemedtsson
- 514 Salinity and drought affect yield response of bell pepper similarly
A. Kurunc, A. Unlukara and B. Cemek
- 523 Water soluble carbohydrates and growth potential of winter wheat as influenced by weather conditions during winter
A.K. Bergjord and A.O. Skjelvåg
- 535 Short-term effects of tillage practices on soil aggregate fractions in a Chinese Mollisol
A. Liang, N.B. McLaughlin, X. Zhang, Y. Shen, X. Shi and R. Fan
- 543 Nitrogen fertilization does not affect micronutrient uptake in grain maize (*Zea mays* L.)
T. Losak, J. Hlusek, J. Martinec, J. Jandak, M. Szostkova, R. Filipcik, J. Manasek, K. Prokes, J. Peterka, L. Varga, L. Ducsay, F. Orosz and A. Martensson
- 551 Genotype and climate conditions influence the drop off of flowers and premature berries of blackcurrant (*Ribes nigrum* L.)
A. Kikas, H. Kaldmäe and A. Libek
- 559 Cool-warm season *Poa-Cynodon* seed mixtures and their turf growth and quality
M. Akbari, H. Salehi and M. Khosh-Khui
- 565 Modelling of the optimum harvest time for long-term storage of 'Elstar' and 'Aroma' (*Malus domestica*) apples at low oxygen concentration
K. Kaack and H. Lindhard Pedersen

SHORT COMMUNICATIONS

- 573 Short-term treatment with hydroponic solutions containing osmotic ions and ammonium molybdate decreased nitrate concentration in lettuce
W.K. Liu, Q.C. Yang and L.F. Du
- 577 Cleaning heavy metal contaminated soil with soluble humic substances instead of synthetic polycarboxylic acids
O.K. Borggaard, P.E. Holm, J.K. Jensen, M. Soleimani and B.W. Strobel
- 582 Erratum