

CONTENTS

ORIGINAL ARTICLES

- 657 Effect of poly(γ -glutamic acid) on microbial community and nitrogen pools of soil
Z. Xu, P. Lei, X. Feng, X. Xu, H. Xu, H. Yang and W. Tang
- 669 Allelopathic activity of *Litchi chinensis* Sonn.
A.M. Islam, M.S.I. Khan and H. Kato-Noguchi
- 676 High-density planting of tomato cultivar's with early decapitation of growing point increased yield in a closed hydroponic system
M.M. Maboko and C.P. Du Plooy
- 683 Growth and physiological response to organic and/or inorganic fertilisers of wild *Solanum nigrum* L. cultivated under field conditions in Eastern Cape Province, South Africa
C. Bvenura and A.J. Afolayan
- 694 Paddy soils continuously cultivated for hundreds to thousands of years still sequester carbon
E. Ci and L. Yang
- 704 Spatial and temporal variations of grassland soil organic carbon and total nitrogen following grazing exclusion in semiarid Loess Plateau, Northwest China
Y. Gao and J. Cheng
- 712 Nickel in Swedish soils and cereal grain in relation to soil properties, fertilization and seed quality
K. Hamnér, J. Eriksson and H. Kirchmann
- 723 Winter wheat crown and root rot are affected by soil tillage and crop rotation in Latvia
B. Bankina, G. Bimšteine, A. Ruža, I. Priekule, L. Paura, I. Vaivade and D. Fridmanis
- 731 Allelopathic prospective of *Ricinus communis* and *Jatropha curcas* for bio-control of weeds
A.K.M.M. Islam and H. Kato-Noguchi
- 740 Spatial variation of penetration resistance and water content as affected by tillage and crop rotation in a black soil in Northeast China
X. Chen, R. Fan, X. Shi, A. Liang, X. Zhang and S. Jia

SHORT COMMUNICATION

- 748 High-plant density planting of basil (*Ocimum basilicum*) during summer/fall growth season improves yield in a closed hydroponic system
M.M. Maboko and C.P. Du Plooy