

PLANT, SOIL AND ENVIRONMENT

Volume 63, No. 3

March 2017

CONTENTS

- Sosulski T., Szara E., Szymańska M., Stępień W.:
N₂O emission and nitrogen and carbon leaching from the soil in relation to long-term
and current mineral and organic fertilization – a laboratory study 97
- Vitale L., Polimeno F., Ottaiano L., Maglione G., Tedeschi A., Mori M., De Marco A.,
Di Tommasi P., Magliulo V. :
Fertilizer type influences tomato yield and soil N₂O emissions 105
- Gałązka A., Gawryjolek K., Kocoń A.:
The effect of the same microbial products on basic biological activities of soil
under cereal crops 111
- Travlos I.S., Gkotsi T., Roussis I., Kontopoulou C.K., Kakabouki I., Bilalis D.J.:
Effects of the herbicides benfluralin, metribuzin and propyzamide on the survival
and weight of earthworms (*Octodrilus complanatus*) 117
- Ma Y., Xu J.Z., Wei Q., Yang S.H., Liao L.X., Chen S.Y., Liao Q.:
Organic carbon content and its liable components in paddy soil under water-saving irrigation 125
- Yan P., Chen Y.Q., Dadouma A., Tao Z.Q., Sui P.:
Effect of nitrogen regimes on narrowing the magnitude of maize yield penalty
caused by high temperature stress in North China Plain 131
- Hlaváčová M., Klem K., Smutná P., Škarpa P., Hlavinka P., Novotná K., Rapantová B., Trnka M.:
Effect of heat stress at anthesis on yield formation in winter wheat 139

Go to the website for information about Plant, Soil and Environment:

<http://www.agriculturejournals.cz/web/pse.htm>