

PLANT, SOIL AND ENVIRONMENT

Volume 61, No. 11

November 2015

CONTENTS

- Abrishamkesh S., Gorji M., Asadi H., Bagheri-Marandi G.H., Pourbabae A.A.:
Effects of rice husk biochar application on the properties of alkaline soil and lentil growth 475
- Wyszkowska J., Borowik A., Kucharski J.:
Response of *Avena sativa*, microorganisms and enzymes to contamination
of soil with diesel oil 483
- Bezhin K., Santel H.-J., Gerhards R.:
Evaluation of two chemical weed control systems in sugar beet in Germany
and the Russian Federation 489
- Tandon S.:
Dissipation kinetics and residues analysis of pendimethalin in soil
and maize under field conditions 496
- Yang J., Gong W., Shi S., Du L., Sun J., Ma Y.-Y., Song S.-L.:
Accurate identification of nitrogen fertilizer application of paddy rice using
laser-induced fluorescence combined with support vector machine 501
- Hejnák V., Tatar Ö., Atasoy G.D., Martinková J., Çelen A.E., Hnilička F., Skalický M.:
Growth and photosynthesis of Upland and Pima cotton: response to drought and heat stress 507
- Matula S., Miháliková M., Lufinková J., Bálková K.:
The role of the initial soil water content in the determination of unsaturated soil
hydraulic conductivity using a tension infiltrometer 515
- Šimon T., Kunzová E., Friedlová M.:
The effect of digestate, cattle slurry and mineral fertilization on the winter wheat yield
and soil quality parameters 522