

# PLANT, SOIL AND ENVIRONMENT

---

Volume 63, No. 2

February 2017

## CONTENTS

Ochecová P., Mercl E., Košnář Z., Tlustoš P.: Fertilization efficiency of wood ash pellets amended by gypsum and superphosphate in the ryegrass growth ..	47
Nguyen H.V., Ahmad A.: Arsenic reactions and brake fern ( <i>Pteris vittata</i> L.) uptake in tropical soils ..	55
Chen X.H., Zhang R., Wang F.L.: Transgenic <i>Bt</i> cotton inhibited arbuscular mycorrhizal fungus differentiation and colonization ..	62
Thapa S., Stewart B.A., Xue Q.W.: Grain sorghum transpiration efficiency at different growth stages ..	70
Pavlu K., Chochola J., Pulkrábek J., Urban J.: Influence of sowing and harvest dates on production of two different cultivars of sugar beet. ....	76
Sturm D.J., Kunz C., Peteinatos G., Gerhards R.: Do cover crop sowing date and fertilization affect field weed suppression? ..	82
Brahim S., Niess A., Pflipsen M., Neuhoff D., Scherer H.: Effect of combined fertilization with rock phosphate and elemental sulphur on yield and nutrient uptake of soybean ..	89

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

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