



Tgl. terima : 25-11-2014
No. Induk :
Asal bahan Pustaka : ~~Beli/Tolak/Hadiah~~
Dan .

acs

AGRICULTURAE
CONSPECTUS
SCIENTIFICUS

CROATIA ■

POLJOPRIVREDNA
ZNANSTVENA
SMOTRA

VOLUME 79

March 2014
Number 1

<http://acs.agr.hr>



Contents

- Darija BILANDŽIJA, Željka ZGORELEC, Ivica KISIĆ
- 1 . Soil Carbon Loss by Soil Respiration under Different Tillage Treatments
Vanja JURIŠIĆ, Nikola BILANDŽIJA, Tajana KRIČKA, Josip LETO,
Ana MATIN, Ivan KUŽE
- 7 . Fuel Properties' Comparison of Allochthonous *Miscanthus x giganteus* and
Autochthonous *Arundo donax* L.: a Study Case in Croatia
Lana MATIJEVIĆ, Davor ROMIĆ, Marija ROMIĆ, Nada MAUROVIĆ, Nada KONDRES
- 13 . Faba Bean (*Vicia faba* L.) Salt Stress Response under Different Soil Organic Matter
Content
Franz THEURETZBACHER, Javier LIZASOAIN, Simona MENARDO,
Paal Jahre NILSEN, Andreas GRONAUER, Alexander BAUER
- 19 . Effect of Steam Explosion Pretreatment on the Specific Methane Yield of
Miscanthus x giganteus
Marina BUBALO, Davor ROMIĆ, Monika ZOVKO, Neven KUSPILIĆ
- 23 . Agricultural Impact on Groundwater Vulnerability to Nitrate in Northern Croatia
Melita PERČEC TADIĆ, Marjana GAJIĆ-ČAPKA, Ksenija ZANINović,
Ksenija CINDRIĆ
- 31 . Drought Vulnerability in Croatia
Rozalija CVEJIC, Jana MELJO, Marina PINTAR
- 39 . Algorithm for Assessing Irrigation Water Use Potential Pertaining Present Water
Protection Measures at the Danube and Adriatic Sea River Basins
Aleksandra JURIŠIĆ, Željka ZGORELEC, Ivana ŠESTAK, Milan MESIĆ, Višnja MIKOĆ
- 45 . Nitrate-Nitrogen Content in Soil and Lysimeter Water under Different Nitrogen
Fertilization Levels in Crop Production
Gerhard MOTIZI, Milan MARTINOV, Ladislav NOZDROVICKY, Alexandru NAGHIU,
Andreas GRONAUER
- 51 . Energy Use and Energy Efficiency in Selected Arable Farms in Central and South
Eastern Europe
Igor BOGUNović, Ivica KISIĆ, Aleksandra JURISIĆ
- 57 . Soil Compaction under Different Tillage System on Stagnic Luvisols
Boris LAZAREVIĆ, Milan POLJAK, Tomislav ČOSIĆ, Tea HORVAT,
Tomislav KARAŽIJA
- 65 . Evaluation of Soil and Plant Nitrogen Tests in Potato (*Solanum tuberosum* L.)
Production
- 71 . Guide for Authors