

CONTENTS

V. Steponavičienė, V. Bogužas, A. Sinkevičienė, L. Skinulienė, A. Sinkevičius, E. Klimas.	
Soil physical state as influenced by long-term reduced tillage, no-tillage and straw management	195
A. Kazlauskaite-Jadzevici, L. Tripolskaja, J. Volungevicius, E. Baksiene.	
Which land use is better suited to increase the fertility of ex-arable sandy soils?	203
R. Skuodienė, I. Kinderienė, D. Tomchuk, J. Šlepetytė, D. Karčauskienė.	
Root development of temporary and permanent grasslands and their anti-erosion significance on a hilly terrain	209
A. Arlauskiene, J. Ceseviciene, A. Slepeliene. Effect of catch crop, straw management and fertilisation on the productivity of field pea and winter wheat crop sequence	217
H. Raave, J. Escuer-Gatius, K. Kauer, M. Shanskiy, T. Tõnutare, A. Astover.	
Permanent grassland hay-derived biochar increases plant N, P and K uptake on an acidic soil	227
J. Titova, E. Baltrėnaitė-Gedienė, A. Medyńska-Juraszek, E. Bakšienė.	
Leaching of potentially toxic elements from biochars intended for soil improvement	235
K. Amaleviciute-Volunge, A. Slepeliene, B. Butkute. Methane yield of perennial grasses as affected by the chemical composition of their biomass	243
M. Stankiewicz-Kosyl, M. Wrochna, M. Tolloczko. Increase in resistance to sulfonylurea herbicides in <i>Alopecurus myosuroides</i> populations in north-eastern Poland	249
S. Akbari, Sh. Mirfakhraie, Sh. Aramideh, M. H. Safaralizadeh. Effect of fungal isolates and imidacloprid on cabbage aphid <i>Brevicoryne brassicae</i> and its parasitoid <i>Diaeretiella rapae</i>	255
J. Grahovac, I. Mitrović, J. Dodic, M. Grahovac, Z. Rončević, S. Dodic, A. Jokić.	
Biocontrol agent for apple <i>Fusarium</i> rot: optimization of production by <i>Streptomyces hygroscopicus</i>	263
M. Miroslavljević, V. Momčilović, S. Mikić, I. Abičić, N. Pržulj. Breeding progress in grain filling and grain yield components of six-rowed winter barley	271
S. Sasani, R. Amiri, H. R. Sharifi, A. Lotfi. Impact of sowing date on bread wheat kernel quantitative and qualitative traits under Middle East climate conditions.....	279