

JOURNAL OF AGRICULTURAL SCIENCE

2011 ♦ XXII ♦ 1

Published by:	Academic Agricultural Society
Editor in Chief:	Maarika Alaru
Technical Editor:	Vaike Leola
Address:	Kreutzwaldi 1, 51014 Tartu
e-mail:	agrt@eau.ee, maarika.alaru@emu.ee
www:	http://www.eau.ee/~aps/

CONTENTS

SCIENTIFIC WORKS

<i>A. Bender</i> . Breeding value of the West and North-West Estonian natural populations of red clover (<i>Trifolium pratense</i> L.)	3
<i>T. Elias, A. Elias, A. Kiis, M. Reinik, T. Püssa, K. Meremäe, M. Roasto</i> . Nitrate and nitrite contents in vegetables and vegetable-based raw juices and dietary intake	10
<i>K. Meremäe, P. Elias, M. Roasto, T. Elias</i> . The antagonistic activity of probiotics against <i>Campylobacter jejuni</i> <i>in vitro</i>	18
<i>E. Nugis</i> . Sign systems and agrosemios in agriculture	25
<i>M. Roasto, K. Meremäe, K. Praakle-Amin, A. Hörman, T. Elias, M. Lillenberg, A. Elias, T. Kramarenko, L. Häkkinen, P. Põltasma, M. Mäesaar, P. Elias, M.-L. Hänninen</i> . <i>Campylobacter</i> spp. in estonian food chain in 2000–2010	31
<i>B. Tein, V. Eremeev</i> . Effect of different production methods on yield structure elements of potato	40
<i>T. Tänavots, A. Põldvere, R. Soidla, L. Lepasalu, S. Žurbenko</i> . Factors affecting carcass and meat quality characteristics of pigs. I Effect of breed of sire and sex on carcass composition in pigs	45
<i>T. Tänavots, A. Põldvere, R. Soidla, L. Lepasalu, S. Žurbenko</i> . Factors affecting carcass and meat quality characteristics of pigs. II Effect of breed of sire, sex and PH ₁ on meat quality traits	53

CHRONICLE

<i>S. Kasepalu, A. Rohtla, A. Joandi</i> . About terms	62
--	----