

Contents

Reviews

1. Håvard STEINSHAMN – Effect of forage legumes on feed intake, milk production and milk quality – a review 195

Original papers

1. Andrzej WĘGLARZ – Quality of beef from semi-intensively fattened heifers and bulls 207
2. Tadeusz SZULC, Magdalena PAWELSKA-GÓRAL, Małgorzata BOHDANOWICZ-ZAZULA, Katarzyna CZYŻ – Effect of wheat gluten and extracted soybean meal added to the diet of cows with different kappa-casein genotypes on the composition and physical properties of milk 219
3. Kamil OLEŃSKI, Tomasz SUCHOCKI, Stanisław KAMIŃSKI – Inconsistency of associations between growth hormone receptor gene polymorphism and milk performance traits in Polish Holstein-Friesian cows and bulls 229
4. Muhammad Sajjad ANSARI, Bushra Allah RAKHA, Nemat ULLAH, Syed Murtaza Hasan ANDRABI, Sajid IQBAL, M. Khalid, Shamim AKHTER – Effect of exogenous glutathione in extender on the freezability of Nili-Ravi buffalo (*Bubalus bubalis*) bull spermatozoa 235
5. Artur JÓŻWIK, Nina STRZAŁKOWSKA, Emilia BAGNICKA, Zbigniew ŁAGODZIŃSKI, Bożena PYZEL, Wojciech CHYLIŃSKI, Agnieszka CZAJKOWSKA, Weronika GRZYBEK, Danuta SŁONIEWSKA, Józef KRZYŻEWSKI, Jarosław Olav HORBAŃCZUK – The effect of feeding linseed cake on milk yield and milk fatty acid profile in goats 245
6. Artur RYBARCZYK, Marek KMIEĆ, Filip NAPIERAŁA, Wanda NATALCZYK-SZYMKOWSKA – The effect of calpastatin polymorphism (*CAST/HinfI* and *CAST/Hpy188I*) and its interaction with *RYR1* genotypes on carcass and pork quality of crossbred pigs 253
7. Piotr PRZYSIECKI, Andrzej FILISTOWICZ, Aneta FILISTOWICZ, Bogusław FUCHS, Zbigniew NAWROCKI, Vaclav ŘEHOUT, Anna RZAŚA, Sławomir NOWICKI – Effect of addition of yeast (*Saccharomyces cerevisiae*) and herb preparation to feed on selected physiological indicators, growth rate and pelt quality of growing arctic foxes 261
8. Izabela GRAD, Barbara GAJDA, Zdzisław SMORAĞ – Effect of plant protein supplementation on *in vitro* development of porcine embryos 271
9. Yu-An LIN, Hong-Bing TSAI, Andrzej DYBUS, Ming-Cheng CHEN, Ming-Huei LIAO – Effect of injected position of cultured cumulus cells as donor cells on reconstructed *in vitro* matured porcine oocytes 281