

CONTENTS

Genetics and farm animal breeding

1. A. Stachurska, M. Pięta — Factors influencing the horse's results at central Polish jumping events 5
2. M. Babicz, B. Rejduch, A. Kozubska-Sobocińska, B. Danielak-Czech, A. Walkiewicz, E. Słota — Assessment of size of centromeric heterochromatin regions in Puławska pigs 15
3. T. Daszkiewicz, S. Wajda — Percentages of the most valuable elements in pork carcasses from different EUROP classes, graded with four devices 23
4. T. Kisiel, J. Książkiewicz — Physical traits and hatching results of eggs from geese of Polish regional varieties 33

Animal nutrition and feedstuffs

5. F. Brzóska — Effect of copper inhibitors in diet on cows' yield, milk composition and cholesterol level in milk and blood plasma 43
6. F. Brzóska, B. Brzóska — Effect of dietary selenium on milk yield of cows and chemical composition of milk and blood 57
7. F. Brzóska — Effect of calcium salts of fatty acids and selenium on cows' milk yield and composition 69
8. W. Wiewióra, F. Brzóska, B. Brzóska, M. Pietras — Iodine and selenium concentration in cows' milk and plasma and its relation to milk yield, mineral content and selected metabolic parameters 79
9. J. Kraszewski, T. Grega, M. Wawrzyński — Effect of feeding herb mixture on cow performance, modification of milk chemical composition, technological value of milk for processing and nutritive value for humans 91
10. R. Chaberski, A. Oler — Slaughter value of Black-and-White bulls finished on a reduced energy diet 101
11. K. Bilik, J. Strzetelski, B. Niwińska, S. Osieglowski — Assessment of reproductive and dairy performance, body condition and fatness in Black-and-White heifers depending on energy and protein feeding level 109
12. W. Zyzak, F. Brzóska, B. Brzóska, J. Michalec-Dobija — Effect of calcium-magnesium carbonate and magnesium carbonate on magnesium retention and absorption in growing sheep 125
13. F. Brzóska, W. Brzeziński — Chemical composition of modified rye and its effect on productive parameters and carcasses of broiler chickens 135
14. P. Hanczakowski, B. Szymczyk, W. Szczurek — The effect of pure saturated fatty acids on cholesterol and triacylglycerol level in rats 145
15. P. Hanczakowski, B. Szymczyk, I. Furgał-Dierżuk — The effect of different starches and proteins on serum lipid profile in the rat 155

Environment, hygiene and animal production technology

16. P. Nosal — The effect of management practices on the occurrence of intestinal nematodes in pigs 163

17. A. Balicka-Ramisz, B. Pilarczyk, Vovk Stakh Osipovič — The course and control of coccidiosis in goats 173

Economics and organization of animal production

18. S. Okularczyk — Long-term profitability of cow milk production 181
19. A. Szumiec — Relationship between milk purchase price and retail price of some dairy products as a measure of the economic status of the farmer, a link in the raw materials chain 187
20. S. Okularczyk — Profitability trends in pig production in 1991–2003 197