

## CONTENTS

---

GENETICS POLYMORPHISM OF MYF-5 AND MYOSTATIN IN CHAROLAIS BREED Kišacová J., Kúbek A., Meluš V., Čanakyová Z., Řehout V. ....	7
PRODUCTION AND ECONOMIC ASPECTS OF CZECH RED CATTLE BREEDING Řehout V., Filistowicz A., Kvapilík J., Čítek J., Košvanec K, Hosnedlová B. ....	13
GENETIC CHARACTERISTIC OF CZECH RED CATTLE Řehout V., Filistowicz A., Hanusová L., Čítek J., Košvanec K., Hosnedlová B. ....	25
UTILIZATION OF PIETRAIN BOARS WITH INTENDED GENOTYPE OF <i>RYR1</i> GENE FOR PRODUCTION OF FINAL HYBRID PIGS Čechová M., Hadaš Z., Sládek L., Kernerová N. ....	31
THE EFFECT OF CROSSBREEDING POLAR FOXES FROM POLISH AND SCANDINAVIAN VARIETIES ON REPRODUCTIVE TRAITS Filistowicz A., Gorajewska E., Filistowicz A., Przysiecki P., Nawrocki Z., Korczyński M., Nowicki S., Řehout V. ....	35
ESTIMATION OF GENETIC, PHENOTYPIC AND ENVIRONMENTAL TRENDS OF CONFORMATION AND REPRODUCTIVE TRAITS IN THE POLISH POPULATION OF ARCTIC FOXES Filistowicz A., Pętalska A., Przysiecki P., Gorajewska E., Filistowicz A., Řehout V. ....	41
THE EFFECT OF GENOTYPE ON COAT TRAITS IN ARCTIC FOXES DURING SUMMER AND WINTER SEASON Przysiecki P., Filistowicz A., Gorajewska E., Filistowicz A., Nawrocki Z., Nowicki S., Řehout V. ....	45
THE INFLUENCE OF GM BT MAIZE MON 810 AND RR SOYA IN FEED MIXTURES UPON SLAUGHTER, HAEMATOLOGICAL AND BIOCHEMICAL INDICATORS OF BROILER CHICKENS Kadlec J., Řehout V., Čítek J., Hanusová L., Hosnedlová B. ....	51
MICROSATELLITE DNA ANALYSIS OF GENETIC DIVERSITY IN SELECTED HORSE POPULATION Kourková L., Vrtková I., Šrubařová P. ....	57