

CONTENTS

ANIMAL HUSBANDRY, FEED PRODUCTION, STORAGE AND PROCESSING OF AGRICULTURAL PRODUCTS	3
Alshamaileh H., Kulibaba R.O. The population genetic structure of the Ukrainian Black-Pied cattle breed by prolactin and placental lactogen loci	3
Andriienko L.M. Influence of different levels of methionine on nutrient digestibility of feed and Nitrogen balance in young rabbits.....	9
Veselov Ye.V., Shcherbakova I.L., Levchenko I.S. Innovative livestock technologies and the effectiveness of smart farm implementation	15
Glebova Y.A., Vertiyhuk A.I. Experiments on the consumption of cholesterol-containing animal products for human health	21
Demchuk O.V., Tshorlash D.V., Levchenko M.V. Improvement of expanded feed production technology and efficiency of their use in pig fattening.....	28
Ivanova I.Y., Rozova L.V., Romanov O.V. The comparison of commodity, biochemical, organoleptic quality indicators of fresh and fresh frozen apricot fruits of the early, middle and late ripening periods grown in the conditions of the Southern Steppe of Ukraine	35
Kalynka A.K., Korkh I.V. Performance of Bugayts at average level of feeding in the region of Bukovina	42
Kapshuk N.O. Reproductive function of first-born cows in the conditions of an industrial complex for milk production.....	52
Kryvenko S.V., Karpenko K.V., Vashyna D.O. Research of different modes of freezing meat mixtures	58
Kushnerenko V.H., Bondar R.V. Increasing milk productivity by introducing promising technological methods for feeding livestock.....	62
Kushnerenko V.H., Zhmurovskiy I.O. Improving livestock conditions under climate change.....	67
Liubenko O.I., Boiko A.O. Goose production for obtaining fatty liver in the farm “Niva-2011” in Hola prystan district of Kherson region.....	77
Liubenko O.I., Kryvyi V.V., Ivanov I.V. The influence of feed quality on egg productivity of laying hens under conditions of “Chornobaivske” branch of the private joint-stock company “Agroholding Avangard”	83
Pankieiev S.P., Ushakov M.O. Productive traits of pigs of foreign genotypes in the conditions of the pig enterprise of LLC “AF “Vorontsovske””	89
Papakina N.S., Hryshko V.V. The genealogical structure of the herd of Ukrainian black-pocked cattle of the Askaniye enterprise.....	96
Papakina N.S., Maskal I.M., Yurchenko D.V. The dynamics of the productive characteristics of the dairy group of State enterprise experimental farm “Askaniins’ke”	101
Pochukalin A.E., Pryima S.V., Rizun O.V. Chronology of creation and improvement of The Brown Carpathian breed of cattle.....	108
Prylipko T.M., Koval T.V. Development of technology and equipment for heat treatment of meat pies	116

Sobol O.M. Variability of morphometric indicators and fecundity of female Central Asian shepherd dogs of different breeding systems aviary cage and apartment keeping	123
Soloviova L.M., Erohina O.M., Peresunko O.D., Chovgun A.M. Distribution of Babesiosis of dogs, depending on their age, pedigree sensitiveness and sex.....	129
Tkachuk V.P. Estimation of growth and development of youngsters of Polissya beef breed	135
Chernyshov I.V., Zadnyprianyi M.V., Maliutin N.D. Research of calculation technology in the conditions of “Argor” ltd.....	141
Chernyavska T.O., Izmailova N.O. Indicators of lifetime productivity of cows of Ukrainian red-rippled dairy breed depending on the influence of heredity of Holstein breed	145
Shkurko T.P., Ivanov I.A., Ivanov O.I. Dairy productivity of firstborn cows received by embryo transplantation method.....	150
Shulyar A.L. Influence of age of first insemination and first calving of cows on their milk productivity	155
MELIORATION AND SOIL FERTILITY	162
Byndych T.Yu. The assessment of soil cover differentiation by space imagery	162
AGRICULTURE, CROP PRODUCTION, VEGETABLE AND MELON GROWING	171
Kryvenko A.I., Orekhivskiy V.D., Pochkolina S.V. Yield and quality of grain of perspective varieties of winter barley for different sowing periods in the conditions of the Black Sea Steppe of Ukraine	171
