

THE AMOUNT OF HEAVY METALS IN THE MUSCLES OF COWS AND YOUNGER CATTLE FATTENED IN SUMMER AND WINTER PERIODS

V. Jukna

Summary. The data about the accumulation of heavy metals in *musculus longissimus dorsi* of cattle fattened in summer and winters periods are presenting in the article. It has been established that the amount of Cr, Cd, Zn and Mn accumulated in the muscles of cows and younger cattles fattened in summer is higher, however the amount of Pb and Cu was found to be higher in the winter period fattened cattle. The amount of Nickel was higher in the muscles of cows fattened in summer period, while in the muscles of younger cattle - in winter period.

Keywords: heavy metals, Cr, Cd, Pb, Cu, Ni, Mn, *musculus longissimus dorsi*, cows, younger cattle.