Comparison of body weight and tissue composition of W11 and W31 Biała Kołudzka® breed geese

Summary

Research was carried out on 120 Biała Kołudzka® breed geese of strain W11 and W31 hybrids raised under semi-intensive system up to 17 weeks of age. The objective of the studies was to compare body weight increase, tissue weight and composition of carcasses and breast, thigh and shank muscle chemical composition of W11 geese and W31 crossbred geese. The results obtained showed that, compared with W11 strain, W31 geese were characterized by a significantly higher body weight and eviscerated carcass weight, and a significantly higher weight of subcutaneous fat, abdominal fat and muscle together. W31 geese had better musculature but they also deposited more fat than W11 goose carcasses. Breast, thigh and shank muscles of W31 goose crossbreds were characterized by higher total protein content and significantly lower crude fat content, compared with W11 purebred strain goose muscles.