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Results of performance test of young F_1 crossbred boars came from Bydgoszcz Breeding Region

Summary

The aim of research was to analyse the results of performance test of 3876 young F_1 crossbred boars coming from 6 following crossing variants: Hampshire x Belgian Landrace, Hampshire x Duroc, Hampshire x Pietrain, Duroc x Pietrain, Pietrain x Hampshire and Pietrain x Duroc (sow's breed given in first position). The animals were produced and performance tested in Bydgoszcz Breeding Region (covering Kujawy-Pomorze Province) in years 2004-2008 according to obligatory methodology. The analysed factors included genetic groups of pigs – crossing variants (1-6) and years 2004-2008 (assumed as 1-5 groups), when performance test has been carried out. Among the tested crossing variants of young F_1 crossbred boars, the most favourable results in a total composition of years 2004-2008 regarding daily gain of body weight standardized on 180^{th} day of life (683 g), body meat content standardized on 180^{th} day of life (60.2%) and performance test selection index (105.8 points) had young crossbred boars Hampshire x Pietrain. Regarding to the best results of growth and slaughter traits mentioned crossing variant Hampshire x Pietrain should be recommended for young crossbred boars' production and used as paternal component in pigs' commercial-crossing programs.