

INFLUENCE OF DANISH RED AND SWEDISH RED-SPOTTED BULLS TO LITHUANIAN RED MEAT PRODUCTION AND ITS QUALITY

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Summary: There is given data about modern selection Danish Red and Swedish Red-Spotted bulls' influence to Lithuanian Red meat production and quality in this article. It's measured, first generation of these two breed crossbred offspring weight at 500 days age were respectively 9.1 and 17.7% higher ($P>0.05$ - <0.05), feed expenditure for unit of makeweight 6.8 and 12.9 % less then Lithuanian Red bulls. The influences of Danish Red bulls to exterior of Lithuanian Red's is less distinct than Swedish Red-Spotted. Offspring of Swedish Red-Spotted bulls being almost same height at crest had longer trunk and bigger spiral measure of ham, than the Lithuanian reds ($P<0.05$). The carcass outlet of Danish Red and Swedish Red-hybrids spotted offspring was respectively 0.99 and 1.54%, and purebred Swedish Red-Spotted 3.01 % higher then Lithuanian Red. There is insignificant difference among measured groups of animals' hip-thigh part of carcass outlet, its morphological composition and meat quality. It is observed tendency to higher pH value and higher meat tenderness of Danish Red and Swedish Red-Spotted. Coming to the conclusion can be said that modern selection Danish Red and Swedish Red-Spotted bulls' use for Lithuanian Red milk production increase will improve and some meat production exponents.

Keywords: bull offspring, carcass, carcass outlet, meat quality, weight of animal, Danish Red, Swedish Red-Spotted, Lithuanian Red.