Effect of Crossbreeding Improvement of Local Goats with Boer Goat in Romania

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SUMMARY

Meat quality is important for consumers when it comes to making purchasing decisions.

Meat is a food preferred by most consumers; however, it is a food classified with high fat, cholesterol and saturated fatty acids contents and with low unsaturated fatty acids contents (Bragagnolo and Rodriguez-Amaya, 1992). On the other hand, according to Madruga (2004), goat meat has advantages in comparison to other meats available in the market, such as low fat, high digestibility, high protein, iron and unsaturated fatty acids levels.

The crossing between native and exotic animals can increase the growth rate and provide better carcass conformation and composition. The efficiency of this process depends on the breed selected, the individuality of animals and their nutritional level.

In Romania, there was little information (Vicovan et al., 2009) regarding the improvement of meat production at goats.

The made researches had as purpose to establish the effect of crossbreeding with Boer breed upon the meat production at the Carpathian breed.

Research was conducted at the Reghin Research and Development Station Sheep and Goats for in Mures County.

The dressing percentage at the half-breed kids is higher with 4.53 percent points beside the kids of Carpathian breed, the difference being significant.

At the crossbred kids the meat/bones report was of 3.15/1 comparatively to 2.74/1 at the Carpathian breed, and the meat/fat report was of 4.15/1 comparatively to 4.56/1. The differences between the two genotypes are significant when compared the weight of semi-carcass, meat and fat in carcass (P<0.001).

At the crossbred kids the bones had a weight of 20.39% besides 23.03% at the Carpathian kids, the difference being insignificant (P>0.05).

REFERENCES