

A STUDY OF SOME PRODUCTIVE AND REPRODUCTIVE TRAITS OF BOER GOAT IN HUNGARY

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SUMMARY

Reproductive and growth performances of the Boer goat were evaluated in a ranch, located in Hungary. The flock was grazing grass during the day, supplemented with meadow hay and maize grains (300-400 g) in the goat house at night, except one month post-partum when goats were kept indoor on meadow hay and maize.

The kidding performance was evaluated in 33 does. The does of 2-3 years old were mated in autumn, 2001 and they kidded from March till April in 2002. The kids were milk-fed and also consumed the feed items given to does till weaning at 100 days of age.

The Boer goat performances in Hungary were: fecundity 94 %, percentage multiple birth 77 % and litter size 2.00. The overall mean birth weights were 3.4 kg and the kids' mean daily gain were 145 g/day and 201 g/day in the ranch during 30 and 100 days, respectively. Birth weight and kid weight varied in a significant negative correlation with litter size ($r=-0.60$; $r=-0.79$; $P<0.001$) in a flock. Gross meat production was per doe 47 kg.

The Boer goat is worthy of breeding in Hungary providing correct nutrition conditions are available.

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