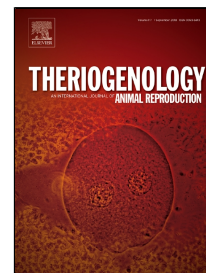


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Effect of copulation on estrus duration, LH response, and ovulation in Boer goats

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## Abstract

The objectives of this investigation were to determine the effect of copulation on estrus duration, LH response and ovulation in Boer goats. A controlled randomized study, with two replicates, in which does were divided at each replicate in treatment (COP; n=12) and control (CON; n=12) groups was performed. All the does were pluriparous and estrus synchronized with CIDR (progesterone 300 mg) maintained in the vagina for seven days, and received 50 µg of GnRH at device insertion and 5 mg of natural prostaglandin F-2<sub>α</sub> im at CIDR removal. The COP group received two copulas within the first 4 hours of estrus onset, and the CON group was only permitted to be mounted. Estrus was detected twice a day during the first 24 hours after pessary removal and then every 4 hours by using bucks with canvas apron as teasers, led by leash for 96

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