

Oestrus Synchronization and Artificial Insemination of Goats

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[Abstract]

Twenty mature does were fitted with progesteronized vaginal sponges. On the 10th day, the does were each given an intramuscular injection of 400 I.U. of PMSG followed by a similar injection of 0.4 ml of Estrumate (a prostaglandin). Two days later (day 12) the sponges were removed. The does were visibly on heat on day-14 and were artificially inseminated using fresh semen which was collected from an Alpine buck at Hounslow.

Of the 20 does which came into heat, two aborted just prior to insemination, which means that these does were previously bred without the herdsman knowledge. Of the other 18 does, two returned to heat, while the others were in good condition and appeared to be maintaining their pregnancy.