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| Induction of fertile oestrus in ewe lambs aged 6-9 months by using hormonal treatment. | | | | Thesis Title |
| 1999 | | | | Year |
| One hundred thirty Awassi ewe lambs were used in the present study, which consist of 95 treated and 40 control were about 6-9 months old and 25-35 kg body weight at the start of each experiment. In four experimental the ewe lamb were treated for 9 days intravaginal sponges containing 40 mg cronolone and 500 I. U PMSG injected at the time of sponges removed. The four experiments were carried out during Autumn, Winter, Spring and Summer, the no. of ewe lambs were run in these experimental of 44, 41, 25, and 25 respectively. The ewe lambs exposed to fertile ram during and 30 days after hormonal treatment. Estrus was synchronized 100% and ram were joined with the females during 41 hrs after sponge removal. The lambing percentage was 91.7, 87.0, 86.6, 86.6% for Autumn, winter, Spring and Summer respectively. In histological observation uterine and ovaries indicated that at 6-9 months the layer of uterine walls and glands were well developed. The study concluded that it is possible to induce a fertile estrus in Awassi ewe lambs aged 6-9 months at any time during the year by using hormonal treatment in order to breed these lambs early. | | | | Abstract |