

RELATIONSHIP BETWEEN SEXUAL DRIVE OF BUCKS AND THEIR PERFORMANCE AS SEMEN DONORS

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Abstract / Resumo:

Buck fertility is affected by numerous factors, including sexual drive and semen quality and quantity). This investigation measured the degree of association between sexual drive and some attributes of goat semen, including the ones related with freezability. A total of 341 ejaculates were processed and evaluated and a multi-buck serving capacity test was applied five times to 20 growing bucks. There was moderate to high degrees of association ($0.51 < r < 0.78$) between number of mounts (NM), number of services (NS) and NM/NS ratio and biochemical composition (i.e., contents of fructose, citric acid and protein) of the seminal plasma. Quantitative attributes of semen presented low association with sexual drive and qualitative attributes of the ejaculate were not related with behavioral traits assessed