REPRODUCTIVE PERFORMANCE OF NON-DESCRIPT, KANNI AND THEIR CROSSES WITH BOER GOAT

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Reproductive performance of local (non-descript), Kanni, Boer x local crossbred and Boer x Kanni crossbred goats maintained at Livestock Research Station, Kattupakkam, Sheep Breeding Research Station (TANUVAS), Sandynallah, The Nilgiris
Tamil Nadu was analysed for the period from 1998 to July 2005. A total number of 686 does kidded 1028 kids (558 males and 470 females) during the study period. The overall kidding percentage was found to be 149.42 per cent. The percentages of single, twin and triplet births were 54.07, 42.44 and 3.49 respectively. The kidding percentage was 151.26, 155.31, 147.47 and 138.94 in local, Boer X local, Kanni, and Boer x Kanni crossbred goats, respectively. The percentage of single, twin and triplet in local goat was 52.10, 44.54 and 3.36, whereas it was 50.84, 43.02 and 6.15 in Boer X local crossbred goats. Similarly, it was 53.79, 44.94 and 1.27 in Kanni goats, whereas it was 63.72, 33.63 and 2.65 in Boer X Kanni crossbred goats. More number of kids were born during summer season (40.37%) followed by southwest monsoon (24.90%), northeast monsoon (20.91%) and winter months (13.81%). The highest percentage of birth was recorded during southwest monsoon (34.17%) in local goats, summer months in Boer x Local (40.65%), Kanni (47.21%) and Boer x Kanni crossbred (40.37%) goats.

**Key words:** Goats, Kanni, Boer, non-descript, reproductive performance, season