**Title and Abstract**

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| Title | GENETIC AND NON- GENETIC PARAMETERS OF KLEIBER RATIO IN PANTJA GOAT UNDER FIELD CONDITION OF TARAI REGION OF UTTARAKHAND |
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| Abstract | A study was conducted to estimates the Kleiber Ratio of 805 Pantja kids of 514 goats sired by 26 bucks maintained by registered farmers under All India Co-ordinated Research Project on goats (Pantja field Unit) running in department of livestock Production Management, College of Veterinary and Animal Sciences,  G. B. Pant University of Agriculture and Technology, Pantnagar (Uttarakhand) during 2015-16. The overall least-squares mean and their standard error for Kleiber ratio at 0-3, 3-6, 6-9 and 9-12 months of age were observed 15.29±0.16, 5.50±0.15, 4.24±0.09 and 3.53±0.37g, respectively. The random effect of sire had a highly significant (P<0.01) effect on KR1 (0-3 months) and KR2 (3-6 months) whereas, this effect was found to be significant (P<0.05) on KR3 (6-9 months) and KR4 (9-12 months). The heritability estimate for Kleiber ratio was found to be 0.28±0.09, 0.27±0.09, 0.22±0.08 and 0.04±0.03 during the period of 0-3, 3-6, 6-9 and 9-12 months of age, respectively. Most of the genetic and phenotypic correlations of Kleiber ratio were found to be negative between different periods. |