



RESEARCH
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Growth pattern and mortality rate of kids of pantja goat under farm condition

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Abstract : Pantja are the local goats of Tarai region of Uttarakhand and the experiment was carried out on a total of 20 primiparous local pantja goats. The results of the experiment indicated that the mean kid weight at birth was 1.94 ± 0.123 kg. Whereas, female and male kid weight at birth were 1.89 ± 0.084 kg and 1.94 ± 0.123 kg, respectively. In case of twins, overall, male-female, male-male and female-female twin's birth weights were 1.92 ± 0.002 , 2.09 ± 0.106 , 1.63 ± 0.132 and 1.7 ± 0.147 kg, respectively, whereas, in singlet's kids overall, male and female birth weights were 1.9 ± 0.175 , 1.73 ± 0.002 and 2.02 ± 0.162 kg, respectively. Kid weight at 0, 15, 30, 45, 60, 75, 90 days was recorded 1.91 ± 0.088 , 3.50 ± 0.154 , 4.64 ± 0.213 , 5.62 ± 0.217 , 6.62 ± 0.191 , 7.5 ± 0.187 and 8.55 ± 0.164 kg, respectively. Male kid weight changes at 15 days interval from 0 to 90 days after their birth were 1.96 ± 0.149 , 3.43 ± 0.247 , 4.51 ± 0.333 , 5.44 ± 0.330 , 6.5 ± 0.267 , 7.27 ± 0.256 and 8.48 ± 0.195 kg whereas, in case of female body weights were 1.85 ± 0.092 , 3.57 ± 0.195 , 4.76 ± 0.275 , 5.8 ± 0.287 , 6.74 ± 0.279 , 7.73 ± 0.267 and 8.61 ± 0.270 kg at 0, 15, 30, 45, 60, 75, 90 days, respectively.

Key words : Growth pattern, Pantja goat kid, Mortality

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