

Effect of Age and Sex on Fleece Weight of Angora Goats in Iraq

Al-Khauzai Allawi, L.D.; Abdel-Lattif, F.H. and Taher, K
College of Veterinary Medicine
University of Al-Qadisiya

Abstract

Least-squares analysis of variance was utilized to evaluate the influence of sex and age on Mohair fleece weight of (422) goat (29 males, 393 females). The results of statistical analysis reveals that sex and age had a significant effect ($p < 0.01$) on fleece weight. The least-squares means of the fleece weight was (0.969 ± 0.023) kg. The fleece weight for males was on average (1.303 ± 0.028) kg and (0.635 ± 0.017) kg, for the females. These results appeared that males exceeded those of females by (0.668 ± 0.011) kg.

Goats at three years old yields heavier fleece weight than those at (2,4,5) years old by (0.038 ± 0.001) , (0.086 ± 0.007) , (0.108 ± 0.013) kg respectively.