

**STUDIES OF SOME ECONOMIC CHARACTERISTIC ON
AWASSI LAMBS IN JORDAN**

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ABSTRACT

A total of 277 Awassi lambs were weighed (277 lambs at birth, reduced to 190 at weaning and to 168 at 5-monthes of age). Body measurements were heart girth (HG), body length (BL), wither height (HH), withers width (WWD), hip width (HW), withers depth (WD), hip depth (HD), tail circumferences (TC) and tail length (TL).

The average weight at birth (BW), weaning weight (WW), average daily gain from birth to weaning (ADG) and 5-months body weight (MW) were 4.388, 17.749, 0.221 and 29.136 kg, respectively. Also means of HG, BL, WH, HH, WWD, HW, WD, HD, TC and TL were 0.69, 0.602, 0.600, 0.603, 0.145, 0.139, 0.238, 0.222, 0.347 and 0.181 m, respectively.

In general, sire genetic group significantly affected MW and WD. Sex of lambs was observed to affect significantly all studied traits except WW, WWD and HW, while type of birth significantly affected most traits except WWD and HW. A non-significant effect of age and parity of dam was observed on all traits while weight of ewe at lambing was significantly affected TC only.

Key words: *Awassi lambs, body weights and measurements.*