

THE EFFECT OF USING MAGNETIC PERFORMANCE WATER IN SOME TRAITS AWASSI LAMBS

Bashar A. Ahmad *

Dhafir S. Abdullah**

*Assist. Lecturer- Dept. of Animal Resources -College of Agriculture - University of Diyala.

Basher_adham@yahoo.com

**Assist. Prof. - Dept. of Animal Resources - College of Agriculture -University of Tikrit .

ABSTRACT

This study was conducted at animal farm related to Animal Resources Department – College of Agriculture / University of Tikrit from 25-5-2010 to 15-7-2011 . In this study 45 Awassi ewes were used at the age 3-5 with primary weight 38.91 Kg . They were divided randomly in to three Groups each Groups having 15 ewes . The aim was to investigate the effect of using magnetic water (750 -1500) Gaus , dam age , month of Lamping , sex of born , and dam weight at Lamping on some economical aspects of the Lamb such as birth wt. , weaning wt. , pro weaning daily gain , 6 month wt. and post weaning daily gain . magnetic water has no significant effect ($p < 0.05$) growth traits of Lambs but significant effect ($p < 0.05$) in post weaning daily gain , The age of the dam did not effect traits studied , while the month of Lambing has a significant effect ($p < 0.01$) of 6 month wt. trait for lambs as compared with other lambs , birth's at November birth's at other month's also show significant effect ($p < 0.01$) in pro weaning daily gain for lambs birth at January over rated at other month , There was a significant effect on sex of born one ($p < 0.01$) in each birth wt. and post weaning gain where males over rated females , The results showed Regression significant ($p < 0.01$) 6 month wt . on weaning wt. Rated 1.020 kg / kg respectively .

Key words : magnetic water , growth lambs , birth wt. , weaning wt.