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

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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 Lamping 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.