

EFFECT OF FEEDING SOME MEDICINAL PLANTS IN THE RATION ON PRODUCTIVE OF DAIRY AND SOME BLOOD PARAMETERS OF AWASSI EWES.

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ABSTRACT

This study was conducted in the Al-Rasheida station, Mosul, public agricultural research to estimate the effect of adding the *Nigella sativa* seeds and Fenugreek seeds individually or jointly in the ration on the production of milk, its chemical composition , growth of lambs, and some blood parameters on ewes, in the last period of pregnancy, fifteen days before birth, was chosen 32 pregnant ewes comparable ages (3-4 years) and weights (48.45 ± 1.58 kg), animals were distributed to four groups and fed on four rations equal in crude protein and energy, but they differ in the proportion of seed used, first ration (control) the second ration (*Nigella sativa* seeds) the third ration (fenugreek seeds) and the fourth ration (*Nigella sativa* seeds + fenugreek seeds) to end of lactation season and very dry ewes. The results indicated high significant ($P \leq 0.05$) in the production of milk and protein, and lambs weights in third ration (Fenugreek seeds) and fourth (fenugreek seeds + *Nigella Sativa* seeds) while outperformed ration second (*Nigella Sativa* seeds) significantly in milk fat, also did not notice the presence of significant differences of the impact of the medicinal plants of red blood cells , white , hemoglobin concentration packed cell volume percentage.

Key words: medical plants, ewes, milk production, Haematological.