



Effects of Some Medicinal Plants Mixture on Milk Performance and Blood Components of Egyptian Dairy Goats

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Abstract:

This study was carried out to evaluate the effect of dried mixture from seeds of four herbal plants as natural additives on milk yield and its constituents in Egyptian dairy goats. The herbal plants are Cumin (*Cuminum cyminum*), *Trigonella foenum graecum* seeds, *Carum carvi* and *Nigella sativa* in equal ratio. Eight lactating goats after two weeks of kidding were divided into 2 groups (four animals each) using complete random block design to evaluate the effect of herbal mixture supplement on the productivity of lactating goats, the 1st group (G1) was supplemented with polyherbal combination at the rate of 250 mg/kg-1 body weight, the 2nd group (G2) was served as Control. Animals in each group were fed on 40% concentrate feed mixture and green fodder ad libitum. Individually, milk, serum and blood samples were collected weekly along the experimental period (12 weeks). Results obtained indicated that. Milk composition showed milk protein, TS and SNF contents were higher ($p>0.05$) in animals fed experimental additives than control. Milk yield in the present study was slightly higher (p

Keywords:

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