USING DATE PALM LEAVES AS NON-TRADITIONAL FEED SOURCE AND EFFECT ON PRODUCTION PERFORMANCE OF LAMBS

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Abstract:

The present study was carried out in the Experimental Farm of Animal Production Department, Faculty of Agriculture, New Valley Branch, Assiut University. The aim of this study was to evaluate the effect of inclusion date palm leaves in lambs ration with or without fiberolytic enzyme on its production and blood biochemical performance. Twenty four Farafra lambs averaged 29.5±1.25 kg body weight and 5- 6 months of age was used in this study. The studied lambs were divided randomly into four groups (6 lambs for each). The first group served as a control (fed on wheat straw + concentration mixture); second group (T1) (Palm leaves + concentration mixture). Third group (T2) (palm leaves + 2gm Bacillus subtilus and Phanerochaete chrysosporium + concentration mixture) and the fourth one (T3) (Palm leaves + 4gm bacillus subtilus and Phanerochaete chrysosporium + concentration mixture). Blood samples were collected during the experimental period from jugular vein. The obtained results showed that there were significant differences (p

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