ABSTRACT

The feeding value and palatability of five browses foliage's (*Balanites aegyptiaca, Maerua angolensis, Acacia brevispica, Grewia hostii and Berchemia discolor*from semi-arid area were evaluated for their potential as supplements to Rhodes grass (*Chloris gayana)* hay. The crude protein (CP) content ranged from 41.4 gkg^{-1}dry matter (DM) in Rhodes grass to 162 gkg^{-1}DM in *Berchemia discolor. Maerua angolensis* had the lowest fiber content. Total extractable phenolics (TEPH) and condensed tannin (CT ranged from 6.1 to 52.3 gkg^{-1}DM and 2.0 to 43.8 gkg^{-1}DM, respectively. Relative palatability indices were: *Acacia brevispica > Balanites aegyptiaca >Grewia hostii > Berchemia discolor > Maerua angolensis > Chloris gayana. Maerua angolensis* was of low palatability compared to other browse species.

Keywords: *crude protein, goats, Rhodes grass, supplement*