



## Effect of Dietary Halophyte *Salicornia bigelovii* Torr on Carcass Characteristics, Minerals, Fatty Acids and Amino Acids Profile of Camel Meat

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### *Abstract*

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*To evaluate the effect of feeding **Salicornia bigelovii**, a halophyte, eleven Najdi camels (202 kg) were divided into two groups and fed on diets containing either 25% Rhodes grass or Salicornia hay for 120 days. Carcass characteristics were generally not affected by Salicornia hay. Similarly proximate composition, minerals, essential amino acids and fatty acids of *M. longissimus* were generally not affected by dietary treatments. However, Na, linoleic acid, Polyunsaturated fatty acids and methionine were higher in Salicornia hay fed camels, whereas, essential amino acid valine, histidine and phenyl alanine were lower in these camels. It is concluded that Salicornia hay can be included at 25% level in the diet of adult Najdi camels.*

Key words: Camel meat, *Salicornia bigelovii*, carcass characteristics.