

## Study of Camel Reproductive Performances in the Souf Region, Algeria

**Mayouf R., Benaissa MH., Bentria Y., Aoun FZ., Boulghobra N., Halis Y.**  
*rabahmayouf@gmail.com*

### Abstract

A questionnaire survey and focused group discussions were conducted to characterize some reproductive performances of camels at their natural pastoralist management systems of Souf region, southern east of Algeria. A total of 60 breeders were included in the study.

The result revealed that the mean age at first service, Peak rutting vigor, Service year of breeding for male were  $5.2 \pm 0.06$  years,  $9.1 \pm 0.04$  years and  $12.4 \pm 0.3$  respectively, for female age at first service, age at first calving were  $3.8 \pm 0.02$  year and  $4.6 \pm 0.07$  respectively, with a gestation length of  $12.2 \pm 0.04$  months. The mean calving interval was  $22.9 \pm 0.2$  months and Lactation length  $10.6 \pm 0.07$  months.

Camels in Souf region had low reproductive performances. Therefore, an improvement in camel reproductive traits is possible both through improving management systems and utilizing controlled breeding techniques.

**Key words:** camel breeding; reproductive performance; Souf region; Algeria.