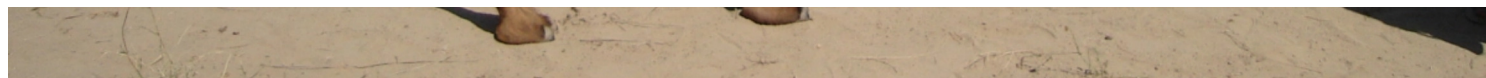


Camel, food security and climate change

Society of Animal, Veterinary, and Animal Scientists (SAVES) promotes the idea of agroecosystem farming and food security. The society is finding ways to sustainable use of animal genetic resources and to conserve it for the next generations. The SAVES has a long history of the struggle to connect people (keepers of the gene), scientists, policy makers for the well-being of the humanity on one hand and to save the genetic resources of the mother earth on the other hand.





MARCH 23, 2012AUGUST 29, 2016 *by* RAZIQKAKAR

Body Condition Score (BCS) in Camel~ A tool for assessment of Adaptation

○ UNCATEGORIZED

⊞ ADAPTATION CAMEL, BODY CONDITION SCORE, KOHL, PAHWAL, SULEIMAN

□ MOUNTAINOUS REGION

○ 6 COMMENTS

□

i

3 Votes

Assessing adaptation of camel to a specific ecosystem by the body condition scoring is a new idea. This idea/theme was introduced by the author during Ph.D. work in the Suleiman mountainous region of Balochistan. A number of 60 camels of the same age, sex (all female), and physiological status and body condition score were selected from each breed (Kohi and Pahwal or Gaddai) for this study (total 180). This study was continued for 135 days. The animals were grazing freely in the same grazing area. The major feedstuffs were trees and bushes, i.e. Acacia, Olivia, caragana spp, haloxyllon etc. No extra feed was offered to the camels of the study.





KOHI CAMEL WITH BCS 3

1. Body condition scores 1. Weakest animal.
2. Body condition scores 2. Weak animal
3. Body condition scores 3. Fair animal
4. Body condition scores 4. Good animal
5. Body condition scores 5. Excellent animal

The BCS was assessed at the last week of the study period. BCS was done by the excellent breeders of both breeds and the author. The majority of the of Kohi breed remained in the good body condition scoring (3-5) while Pahwal lowered to the weaker BCS (2-3) and lost weight gradually with the period of time in that specific period. It was revealed that Kohi camel is highly adapted to the mountainous ecology of Suleiman mountains.





<https://camel4all.files.wordpress.com/2012/03/bcs-3-kohi.jpg>

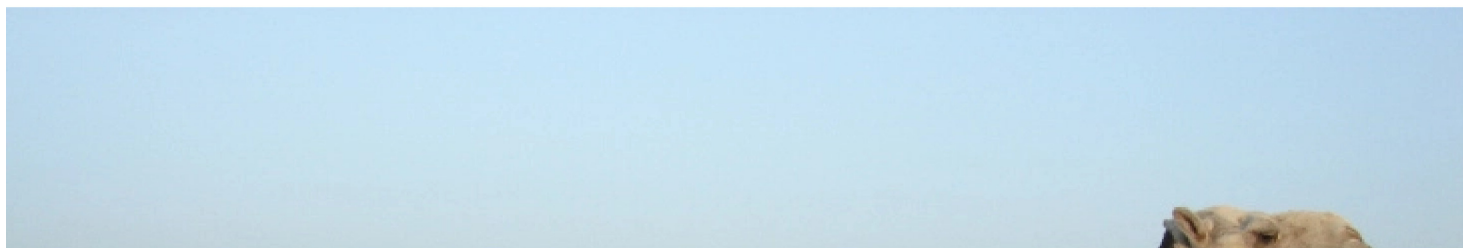
KOHI CAMEL WITH MEDIUM (3) BCS

<https://camel4all.files.wordpress.com/2012/03/bcs-3-kohi.jpg>

This concept (using BCS to assess the drought tolerance ability of camel) is an initiative and idea of the author which can be polished further and may be used for the selection of highly adapted breeds of rangeland for conservation and further propagation.



THIS CAMEL (SICK) PICTURE IS GIVEN ONLY TO TELL THE LOWEST BCS (1)





KOHI CAMEL WITH BCS 2

About these ads (<https://wordpress.com/about-these-ads/>)

6 Comments

khudaidad

MARCH 29, 2012 AT 5:01 PM

Dear raziq! i hope you will be fine. About the body scoring of camel, the body condition of an animal is directly proportional to its milk yield. my question is, did you find emaciated or weak camel only in female camel or random gender in herd. just tell me proportion of weak animals in herd. Either it's due to some worm infestation, any history of specific disease in a region like Surra, or some other problems.

what was your observation about the weak animals

awaiting for your kind reply.

thank

Reply

raziqkakar ☐

MARCH 31, 2012 AT 12:16 PM

All factors indicated by you were standardized. The animals were de-wormed and dry animals were selected for this study.

Reply

raziqkakar ☐

DECEMBER 14, 2015 AT 8:20 AM

Also, BCS is use for evaluation of female reproductive health. It is not that important for male camels except to use this criteria for the evaluation of the camel resistance to drought conditions.

Reply

Cecilia

DECEMBER 14, 2015 AT 8:28 PM

It is posible to read an article with this information?. is this information publicated?

Reply

raziqkakar ☐

DECEMBER 15, 2015 AT 5:46 AM

Dear Cecilia,

Thanks for your interest. The data is not yet published scientifically.

Reply

raziqkakar ☐

DECEMBER 15, 2015 AT 8:17 AM

It is not yet published. I shall send the paper which is in process. Thanks for your interest.

Reply

[CREATE A FREE WEBSITE OR BLOG AT WORDPRESS.COM.](https://camel4all.wordpress.com/2012/03/23/body-condition-score-in-camel-a-tool-for-assessment-of-adaptation/)