



## CAMEL IS A UNIQUE LIVESTOCK

### Description

#### Strong Power of Adaptation

Camel is very different from other livestock, owing very special physiological and anatomical features making it one of the most resilient creatures of the challenging climatic conditions. Camels adapt and resolve with some multidimensional features to cope with the situations where the temperatures are red hot, water and feed sources are scarce, and the conditions of life are harsh.

#### Insurance of Life Sustenance in Challenging Conditions

The very important feature of the camel is its potential of producing milk (for calf) to sustain its life cycle and reproduce offspring for the continuation of the camel race. The long, harsh, and challenging days of the desert do not dent the camel milk yield but slightly increase with more watery milk to fulfill the water requirements of the calves in the arid and hot conditions.

#### Camel is Admired from Religion to Tradition and Believes to Science

The features of the camels are well praised in the holy books, travelers' stories, documentaries of national geographic, research articles, and the folk songs and stories of the nomads. According to a study, the camel needs 1.9 kg dry roughages to produce 1 kg of milk in the arid condition, and in the same conditions, a native cow needs 9.1 kg dry matter for the same quantity of milk.

#### Camel Needs Lesser Inputs to Produce

Based on my personal experience, the dairy camel needs far less water than the dairy cows in the same conditions. The drinking water requirements of dairy cows are 8-10 times more per liter milk products in extremely hot weather (>45C). The dairy cows not only require water for food but for cooling and the cooling system needs a lot of power to regulate its cooling and exhaust fans. Also, the camel requires a lesser quantity of crude protein in the feed as it is unique in urea recycling. A diet of 16% CP is more than enough for a camel to fulfill its basic and production requirements.

## Longer and Productive Farm Life

The camel has tremendous potential as farm livestock because of its longer product life cycle (up to 10-12 parties). The high yielding dairy cow only manages 4 lactations on the farm because of high yielding, overloaded health inputs, the extra burden of feed ingredients (higher CP), and stressful conditions because of multiple factors. In the same conditions, camels take lesser water, feed (lesser CP), and absorb the higher temperatures in their hump and live a very stress-free lifestyle.

The stress-free lifestyle of camel fabricates unique milk, full of nutrients and positivity which ultimately supports our health and happiness.

*Dr. Raziq*

## Shorter Register of Diseases

Also, the camel has a very specific and limited number of diseases, except few like Mange (skin disease) and trypanosomiasis (blood parasites), other diseases do not need much human intervention. The hard and strong udder ensures its potential to be less prone to mastitis and other glandular diseases if properly milked in hygienic conditions. Such a phenomenon makes the camel the best dairy choice as it needs lesser health and comfort inputs and milk production in stress-free conditions.



The Camels are Happy Browsers

## The Camel Sustains in Conditions where others can hardly survive

Even if kept in the same ecological zone with comfortable environmental conditions (preferred for cows), the camel is more efficient in water and feeds turnover into milk. In ideal conditions camels need **4 liters** of water for one kg milk (with an average production yield of 10 kg/per day), while in the same condition dairy cows need 4

times more water for one kg milk yield.

## Conclusion

Camel is fantastic livestock, designed with special DNAs to support human life in driest parts of the world. The policymakers at all levels should realize the importance of this unique creature and should give a chance to the incredible camel to perform as a food security animal in the climate change context. The WORLD CAMEL DAY is therefore celebrated each year on 22nd June to aware the people about the incredible role the camel is playing and the hopes we foresight from the camel in the challenging future. **First WORLD CAMEL DAY was celebrated on the 22nd of June, 2008.**

### World Camel Day and Camel4Life International

The camel is rarely admired for its incredible roles and it is still hiding from the eyes of the policymakers. Me with the like-minded people, launched WORLD CAMEL DAY to advocate camels and aware the masses about the importance of the camel. <https://www.youtube.com/watch?v=fDPMUKbIthU>

Camel4Life international is an advocacy forum, promoting camel at all available platforms to give a proper place in the research, policy, and development. <https://www.thenational.ae/uae/health/al-ain-doctor-sees-potential-in-camels-beyond-their-milk-1.51957>

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