

GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE AND FARMERS WELFARE  
DEPARTMENT OF AGRICULTURAL RESEARCH & EDUCATION

**LOK SABHA**  
**UNSTARRED QUESTION NO. 2081**  
TO BE ANSWERED ON THE 15<sup>TH</sup> MARCH, 2022

**NATIONAL RESEARCH CENTRE ON CAMEL**

2081. SHRI SHANMUGA SUNDARAM K.:

Will the Minister of AGRICULTURE AND FARMERS WELFARE  
कृषि और किसान कल्याण मंत्री be pleased to state:

- (a) whether the Government has any proposal to upgrade National Research Centre on Camel (NRCC);
- (b) if so, the details thereof;
- (c) whether the NRCC has undertaken any basic and applied research on one humped camel and double humped camel; and
- (d) if so, the details thereof?

**ANSWER**

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE  
कृषि और किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

**(a) & (b):** At present there is no proposal to upgrade Indian Council of Agricultural Research (ICAR)-National Research Centre on Camel (NRCC), Bikaner.

**(c) & (d):** Yes, Sir. The ICAR-NRCC, Bikaner has conducted basic and applied research work both on one humped and double humped camel as follows:

**1. Single humped (*Camelus dromedarius*) camel**

- i. ICAR-NRC on camel has characterized six camel breeds namely, Jaisalmeri, Mewari, Marwari, Jalori and Sindhi;
- ii. Package of practices to improve reproductive efficiency; reduce early calf mortality, and early post parturient breeding;
- iii. Complete feed block and pelleted calf ration were developed for balanced feeding to camel reared under intensive system of management;
- iv. Thornless cactus as alternated feed for camel;
- v. Area specific mineral mixture: for arid zone of the country;
- vi. Herbal formulation for treatment of mange in camel;
- vii. Need based herbal formulation for treatment of mange;
- viii. Herbo-Mineral mixture for treatment of pica in camel;
- ix. Developed and standardized technologies for production of 30 different camel milk based products for higher economic return, e.g. Fermented camel milk, camel milk culfi, camel milk ice-cream, camel milk cheese (cheddar type), flavoured camel milk, camel milk ice-cream etc;
- x. Therapeutic effect of camel milk in Type-I Diabetes in human;
- xi. Therapeutic effect of camel milk in autism in children.

**2. Double humped (*Camelus bactrianus*) camel**

- i. Hemato-biochemical parameters and wool fibers were characterized;
- ii. Draught power capacity indicated that camel can carry load up to 1 quintal as baggage and can work for 6-8 hours daily, for a period of 20-30 days during winter months.

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