

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:5966
ANSWERED ON:05.05.2003
NATIONAL DAIRY RESEARCH INSTITUTE
S. SAIDUZZAMAN

Will the Minister of AGRICULTURE be pleased to state:

to the reply given to the Unstarred Question No. 960 dated February, 24, 2003, regarding National Dairy Research Institute (NDRI), Karnal and state :

- (a) the details regarding the nature of follow-up work that has been undertaken on the earlier studies reported some 25 years ago on both cow and buffalo milk or any other supporting work done thereafter;
- (b) whether the workers who did the pioneering work at National Dairy Research Institute (NDRI), Karnal have in anyway been recognised in any manner; and
- (c) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV)

(a) The earlier research work done during 1960-61 at NDRI related to lactenins in Cow and Buffalo milk which inhibited certain pathogens. Further work on this aspect was not undertaken because the lactenins are highly heat sensitive and get inactivated during boiling.

The related work on characterization of natural antimicrobial ingredients has been undertaken to explore their commercial value as food grade bio-preservatives for enhancing shelf-life of milk and milk products.

(b) Yes, Sir.

(c) The research work received due recognition through their publications/reports.